# Astrodienst Ephemeris Tables

## from the year 2400 for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## JANUARY 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 40 25 | 9♑46'49 | 24♒42 | 18♐43 | 28♐50 | 8♐59 | 21♑23 | 27♐16 | 29♏45 | 15°R14 | 26°R20 | 7♒27 | 8♒43 | 8♓45 | 17♒38 | S 1 |
| S 2 | 6 44 21 | 10°47'56 | 6♓32 | 19°58 | 0♑ 5 | 9°40 | 21°37 | 27°23 | 29°48 | 15♋12 | 26♊18 | 7°29 | 8°40 | 8°52 | 17°42 | S 2 |
| M 3 | 6 48 18 | 11°49'04 | 18°20 | 21°14 | 1°21 | 10°22 | 21°51 | 27°30 | 29°51 | 15°10 | 26°17 | 7°31 | 8°37 | 8°59 | 17°46 | M 3 |
| T 4 | 6 52 14 | 12°50'12 | 0♈10 | 22°32 | 2°36 | 11° 4 | 22° 5 | 27°37 | 29°54 | 15° 8 | 26°16 | 7°32 | 8°34 | 9° 5 | 17°50 | T 4 |
| W 5 | 6 56 11 | 13°51'19 | 12° 8 | 23°52 | 3°52 | 11°45 | 22°19 | 27°44 | 29°57 | 15° 7 | 26°15 | 7°R33 | 8°31 | 9°12 | 17°54 | W 5 |
| T 6 | 7 0 7 | 14°52'27 | 24°17 | 25°13 | 5° 7 | 12°27 | 22°33 | 27°51 | 29°59 | 15° 5 | 26°14 | 7°33 | 8°27 | 9°19 | 17°59 | T 6 |
| F 7 | 7 4 4 | 15°53'34 | 6♉43 | 26°35 | 6°23 | 13° 9 | 22°47 | 27°57 | 0♐ 2 | 15° 3 | 26°13 | 7°31 | 8°24 | 9°25 | 18° 3 | F 7 |
| S 8 | 7 8 1 | 16°54'42 | 19°29 | 27°58 | 7°38 | 13°50 | 23° 1 | 28° 4 | 0° 5 | 15° 2 | 26°12 | 7°29 | 8°21 | 9°32 | 18° 7 | S 8 |
| S 9 | 7 11 57 | 17°55'49 | 2♊40 | 29°22 | 8°54 | 14°32 | 23°15 | 28°11 | 0° 8 | 15° 0 | 26°11 | 7°26 | 8°18 | 9°39 | 18°11 | S 9 |
| M10 | 7 15 54 | 18°56'56 | 16°16 | 0♑47 | 10° 9 | 15°14 | 23°29 | 28°18 | 0°11 | 14°58 | 26°10 | 7°23 | 8°15 | 9°45 | 18°16 | M10 |
| T 11 | 7 19 50 | 19°58'03 | 0♋15 | 2°12 | 11°25 | 15°56 | 23°43 | 28°25 | 0°14 | 14°57 | 26° 9 | 7°21 | 8°12 | 9°52 | 18°20 | T 11 |
| W12 | 7 23 47 | 20°59'10 | 14°37 | 3°39 | 12°40 | 16°37 | 23°57 | 28°31 | 0°16 | 14°55 | 26° 8 | 7°19 | 8° 8 | 9°59 | 18°25 | W12 |
| T 13 | 7 27 43 | 22° 0'17 | 29°14 | 5° 6 | 13°55 | 17°19 | 24°11 | 28°38 | 0°19 | 14°53 | 26° 7 | 7°18 | 8° 5 | 10° 5 | 18°29 | T 13 |
| F 14 | 7 31 40 | 23° 1'24 | 14♌ 1 | 6°33 | 15°11 | 18° 1 | 24°25 | 28°45 | 0°22 | 14°51 | 26° 5 | 7°D18 | 8° 2 | 10°12 | 18°33 | F 14 |
| S 15 | 7 35 37 | 24° 2'31 | 28°49 | 8° 1 | 16°26 | 18°43 | 24°39 | 28°51 | 0°24 | 14°50 | 26° 4 | 7°19 | 7°59 | 10°19 | 18°38 | S 15 |
| S 16 | 7 39 33 | 25° 3'37 | 13♍33 | 9°30 | 17°42 | 19°25 | 24°53 | 28°58 | 0°27 | 14°48 | 26° 3 | 7°20 | 7°56 | 10°25 | 18°42 | S 16 |
| M17 | 7 43 30 | 26° 4'44 | 28° 6 | 11° 0 | 18°57 | 20° 7 | 25° 7 | 29° 5 | 0°29 | 14°46 | 26° 2 | 7°21 | 7°52 | 10°32 | 18°47 | M17 |
| T 18 | 7 47 26 | 27° 5'51 | 12♎25 | 12°29 | 20°13 | 20°49 | 25°21 | 29°11 | 0°32 | 14°45 | 26° 1 | 7°21 | 7°49 | 10°39 | 18°52 | T 18 |
| W19 | 7 51 23 | 28° 6'58 | 26°26 | 14° 0 | 21°28 | 21°31 | 25°35 | 29°18 | 0°34 | 14°43 | 26° 0 | 7°R22 | 7°46 | 10°45 | 18°56 | W19 |
| T 20 | 7 55 19 | 29° 8'05 | 10♏ 9 | 15°31 | 22°44 | 22°14 | 25°49 | 29°24 | 0°37 | 14°42 | 26° 0 | 7°21 | 7°43 | 10°52 | 19° 1 | T 20 |
| F 21 | 7 59 16 | 0♒ 9'12 | 23°34 | 17° 2 | 23°59 | 22°56 | 26° 3 | 29°31 | 0°39 | 14°40 | 25°59 | 7°21 | 7°40 | 10°59 | 19° 5 | F 21 |
| S 22 | 8 3 12 | 1°10'18 | 6♐43 | 18°34 | 25°14 | 23°38 | 26°17 | 29°37 | 0°41 | 14°38 | 25°58 | 7°20 | 7°37 | 11° 5 | 19°10 | S 22 |
| S 23 | 8 7 9 | 2°11'25 | 19°36 | 20° 7 | 26°30 | 24°20 | 26°31 | 29°43 | 0°44 | 14°37 | 25°57 | 7°19 | 7°33 | 11°12 | 19°15 | S 23 |
| M24 | 8 11 6 | 3°12'32 | 2♑16 | 21°40 | 27°45 | 25° 2 | 26°45 | 29°50 | 0°46 | 14°35 | 25°56 | 7°19 | 7°30 | 11°19 | 19°19 | M24 |
| T 25 | 8 15 2 | 4°13'38 | 14°43 | 23°13 | 29° 1 | 25°45 | 26°59 | 29°56 | 0°48 | 14°33 | 25°55 | 7°18 | 7°27 | 11°25 | 19°24 | T 25 |
| W26 | 8 18 59 | 5°14'43 | 26°59 | 24°47 | 0♒16 | 26°27 | 27°13 | 0♑ 2 | 0°50 | 14°32 | 25°54 | 7°18 | 7°24 | 11°32 | 19°29 | W26 |
| T 27 | 8 22 55 | 6°15'48 | 9♒ 6 | 26°22 | 1°32 | 27°10 | 27°27 | 0° 9 | 0°52 | 14°30 | 25°53 | 7°D18 | 7°21 | 11°39 | 19°33 | T 27 |
| F 28 | 8 26 52 | 7°16'53 | 21° 5 | 27°57 | 2°47 | 27°52 | 27°40 | 0°15 | 0°54 | 14°29 | 25°52 | 7°R18 | 7°18 | 11°45 | 19°38 | F 28 |
| S 29 | 8 30 48 | 8°17'56 | 2♓58 | 29°32 | 4° 3 | 28°34 | 27°54 | 0°21 | 0°56 | 14°27 | 25°52 | 7°18 | 7°14 | 11°52 | 19°43 | S 29 |
| S 30 | 8 34 45 | 9°18'59 | 14°47 | 1♒ 9 | 5°18 | 29°17 | 28° 8 | 0°27 | 0°58 | 14°26 | 25°51 | 7°18 | 7°11 | 11°59 | 19°48 | S 30 |
| M31 | 8 38 41 | 10♒20'01 | 26♓36 | 2♒45 | 6♒33 | 29♐59 | 28♑22 | 0♑33 | 1♐ 0 | 14♋24 | 25♊50 | 7♒18 | 7♒ 8 | 12♓ 5 | 19♒52 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 2 | 11s48 | 1n33 | 21s25 | 1n30 | 23s13 | 0n10 | 21s42 | 0n 3 | 21s52 | 0s10 | 22s12 | 1n10 | 19s49 | 0n14 | 21n36 | 0s56 | 14n38 | 8s42 | 18s22 | 18s 3 | 5s53 | 9s25 | 6n23 |
| S 2 | 22 57 | 6 43 | 2 33 | 21 40 | 1 21 | 23 16 | 0 7 | 21 49 | 0 2 | 21 49 | 0 10 | 22 12 | 1 10 | 19 50 | 0 14 | 21 36 | 0 56 | 14 39 | 8 42 | 18 22 | 18 3 | 5 49 | 9 24 | 6 23 |
| M 3 | 22 52 | 1 26 | 3 26 | 21 53 | 1 13 | 23 18 | 0 5 | 21 55 | 0 2 | 21 47 | 0 10 | 22 12 | 1 10 | 19 51 | 0 14 | 21 36 | 0 56 | 14 39 | 8 42 | 18 21 | 18 4 | 5 46 | 9 23 | 6 23 |
| T 4 | 22 46 | 3n54 | 4 11 | 22 6 | 1 5 | 23 19 | 0 2 | 22 2 | 0 1 | 21 45 | 0 10 | 22 12 | 1 10 | 19 51 | 0 14 | 21 37 | 0 56 | 14 39 | 8 42 | 18 21 | 18 5 | 5 43 | 9 23 | 6 23 |
| W 5 | 22 40 | 9 9 | 4 45 | 22 19 | 0 56 | 23 20 | 0 0 | 22 8 | 0 1 | 21 43 | 0 11 | 22 12 | 1 10 | 19 52 | 0 14 | 21 37 | 0 56 | 14 39 | 8 42 | 18 21 | 18 6 | 5 40 | 9 22 | 6 22 |
| T 6 | 22 34 | 14 9 | 5 7 | 22 30 | 0 48 | 23 20 | 0s 2 | 22 14 | 0s 0 | 21 41 | 0 11 | 22 12 | 1 10 | 19 53 | 0 14 | 21 37 | 0 56 | 14 39 | 8 41 | 18 21 | 18 7 | 5 37 | 9 21 | 6 22 |
| F 7 | 22 27 | 18 41 | 5 15 | 22 41 | 0 40 | 23 19 | 0 5 | 22 20 | 0 1 | 21 39 | 0 11 | 22 13 | 1 10 | 19 53 | 0 14 | 21 37 | 0 56 | 14 39 | 8 41 | 18 21 | 18 7 | 5 33 | 9 20 | 6 22 |
| S 8 | 22 19 | 22 31 | 5 9 | 22 51 | 0 32 | 23 17 | 0 7 | 22 26 | 0 1 | 21 36 | 0 11 | 22 13 | 1 10 | 19 54 | 0 14 | 21 37 | 0 56 | 14 39 | 8 41 | 18 22 | 18 8 | 5 30 | 9 19 | 6 21 |
| S 9 | 22 11 | 25 19 | 4 46 | 23 0 | 0 24 | 23 15 | 0 10 | 22 32 | 0 2 | 21 34 | 0 11 | 22 13 | 1 10 | 19 54 | 0 14 | 21 38 | 0 56 | 14 39 | 8 41 | 18 22 | 18 9 | 5 27 | 9 17 | 6 21 |
| M10 | 22 3 | 26 46 | 4 6 | 23 8 | 0 16 | 23 12 | 0 12 | 22 37 | 0 3 | 21 32 | 0 11 | 22 13 | 1 10 | 19 55 | 0 14 | 21 38 | 0 56 | 14 39 | 8 41 | 18 23 | 18 10 | 5 24 | 9 16 | 6 21 |
| T 11 | 21 54 | 26 34 | 3 11 | 23 14 | 0 8 | 23 8 | 0 15 | 22 42 | 0 3 | 21 30 | 0 11 | 22 13 | 1 10 | 19 56 | 0 14 | 21 38 | 0 56 | 14 39 | 8 41 | 18 24 | 18 11 | 5 21 | 9 15 | 6 21 |
| W12 | 21 45 | 24 37 | 2 2 | 23 20 | 0 0 | 23 4 | 0 17 | 22 47 | 0 4 | 21 27 | 0 11 | 22 13 | 1 10 | 19 56 | 0 14 | 21 38 | 0 56 | 14 39 | 8 41 | 18 24 | 18 12 | 5 17 | 9 14 | 6 20 |
| T 13 | 21 36 | 21 0 | 0 45 | 23 25 | 0s 7 | 22 59 | 0 19 | 22 52 | 0 5 | 21 25 | 0 11 | 22 13 | 1 10 | 19 57 | 0 14 | 21 38 | 0 56 | 14 39 | 8 41 | 18 24 | 18 12 | 5 14 | 9 13 | 6 20 |
| F 14 | 21 26 | 16 0 | 0s37 | 23 28 | 0 15 | 22 53 | 0 22 | 22 56 | 0 5 | 21 23 | 0 11 | 22 13 | 1 10 | 19 57 | 0 14 | 21 39 | 0 56 | 14 40 | 8 41 | 18 24 | 18 13 | 5 11 | 9 12 | 6 20 |
| S 15 | 21 15 | 10 2 | 1 57 | 23 31 | 0 22 | 22 47 | 0 24 | 23 1 | 0 6 | 21 20 | 0 11 | 22 13 | 1 10 | 19 58 | 0 14 | 21 39 | 0 56 | 14 40 | 8 40 | 18 24 | 18 14 | 5 8 | 9 11 | 6 20 |
| S 16 | 21 5 | 3 34 | 3 8 | 23 32 | 0 29 | 22 39 | 0 26 | 23 5 | 0 7 | 21 18 | 0 12 | 22 13 | 1 10 | 19 58 | 0 14 | 21 39 | 0 55 | 14 40 | 8 40 | 18 24 | 18 15 | 5 5 | 9 10 | 6 20 |
| M17 | 20 53 | 3s 1 | 4 6 | 23 32 | 0 36 | 22 31 | 0 29 | 23 9 | 0 7 | 21 15 | 0 12 | 22 13 | 1 10 | 19 59 | 0 14 | 21 39 | 0 55 | 14 40 | 8 40 | 18 24 | 18 16 | 5 1 | 9 9 | 6 19 |
| T 18 | 20 42 | 9 19 | 4 48 | 23 31 | 0 43 | 22 23 | 0 31 | 23 12 | 0 8 | 21 13 | 0 12 | 22 14 | 1 10 | 19 59 | 0 14 | 21 39 | 0 55 | 14 40 | 8 40 | 18 24 | 18 16 | 4 58 | 9 7 | 6 19 |
| W19 | 20 30 | 15 1 | 5 12 | 23 28 | 0 49 | 22 13 | 0 33 | 23 16 | 0 9 | 21 10 | 0 12 | 22 14 | 1 10 | 20 0 | 0 14 | 21 40 | 0 55 | 14 40 | 8 40 | 18 24 | 18 17 | 4 55 | 9 6 | 6 19 |
| T 20 | 20 17 | 19 50 | 5 17 | 23 24 | 0 55 | 22 3 | 0 35 | 23 19 | 0 10 | 21 8 | 0 12 | 22 14 | 1 10 | 20 0 | 0 14 | 21 40 | 0 55 | 14 40 | 8 40 | 18 24 | 18 18 | 4 52 | 9 5 | 6 19 |
| F 21 | 20 5 | 23 32 | 5 5 | 23 19 | 1 2 | 21 53 | 0 37 | 23 22 | 0 10 | 21 5 | 0 12 | 22 14 | 1 10 | 20 1 | 0 14 | 21 40 | 0 55 | 14 40 | 8 40 | 18 24 | 18 19 | 4 49 | 9 4 | 6 19 |
| S 22 | 19 51 | 25 56 | 4 37 | 23 13 | 1 7 | 21 41 | 0 40 | 23 25 | 0 11 | 21 3 | 0 12 | 22 14 | 1 10 | 20 1 | 0 14 | 21 40 | 0 55 | 14 40 | 8 39 | 18 24 | 18 20 | 4 46 | 9 2 | 6 18 |
| S 23 | 19 38 | 26 53 | 3 55 | 23 5 | 1 13 | 21 29 | 0 42 | 23 28 | 0 12 | 21 0 | 0 12 | 22 14 | 1 10 | 20 2 | 0 14 | 21 40 | 0 55 | 14 41 | 8 39 | 18 24 | 18 21 | 4 42 | 9 1 | 6 18 |
| M24 | 19 24 | 26 25 | 3 3 | 22 56 | 1 18 | 21 17 | 0 44 | 23 30 | 0 12 | 20 58 | 0 12 | 22 14 | 1 10 | 20 2 | 0 14 | 21 41 | 0 55 | 14 41 | 8 39 | 18 24 | 18 21 | 4 39 | 9 0 | 6 18 |
| T 25 | 19 10 | 24 36 | 2 2 | 22 46 | 1 24 | 21 4 | 0 46 | 23 32 | 0 13 | 20 55 | 0 12 | 22 14 | 1 10 | 20 3 | 0 14 | 21 41 | 0 55 | 14 41 | 8 39 | 18 24 | 18 22 | 4 36 | 8 59 | 6 18 |
| W26 | 18 55 | 21 39 | 0 57 | 22 35 | 1 29 | 20 50 | 0 48 | 23 34 | 0 14 | 20 53 | 0 12 | 22 14 | 1 10 | 20 3 | 0 14 | 21 41 | 0 55 | 14 41 | 8 39 | 18 24 | 18 23 | 4 33 | 8 57 | 6 18 |
| T 27 | 18 40 | 17 47 | 0n10 | 22 22 | 1 33 | 20 35 | 0 50 | 23 36 | 0 15 | 20 50 | 0 13 | 22 14 | 1 10 | 20 4 | 0 14 | 21 41 | 0 55 | 14 41 | 8 39 | 18 24 | 18 24 | 4 30 | 8 56 | 6 18 |
| F 28 | 18 25 | 13 14 | 1 16 | 22 7 | 1 38 | 20 20 | 0 52 | 23 38 | 0 15 | 20 47 | 0 13 | 22 14 | 1 10 | 20 4 | 0 14 | 21 41 | 0 55 | 14 41 | 8 38 | 18 24 | 18 25 | 4 26 | 8 55 | 6 18 |
| S 29 | 18 9 | 8 15 | 2 18 | 21 52 | 1 42 | 20 4 | 0 54 | 23 39 | 0 16 | 20 45 | 0 13 | 22 14 | 1 10 | 20 4 | 0 14 | 21 41 | 0 55 | 14 41 | 8 38 | 18 24 | 18 25 | 4 23 | 8 53 | 6 17 |
| S 30 | 17 53 | 3 0 | 3 14 | 21 35 | 1 45 | 19 48 | 0 55 | 23 40 | 0 17 | 20 42 | 0 13 | 22 14 | 1 10 | 20 5 | 0 14 | 21 42 | 0 55 | 14 42 | 8 38 | 18 24 | 18 26 | 4 20 | 8 52 | 6 17 |
| M31 | 17s37 | 2n20 | 4n 1 | 21s16 | 1s49 | 19s31 | 0s57 | 23s41 | 0s17 | 20s39 | 0s13 | 22s14 | 1n10 | 20s 5 | 0n14 | 21n42 | 0s55 | 14n42 | 8s38 | 18s25 | 18s27 | 4s17 | 8s51 | 6n17 |

Julian Day Number = 2597641.5, Delta T = 08m39s
Ecliptic obliquity = 23°23'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°19'56, Lahiri = 29°26'58


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## FEBRUARY 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 42 38 | 11♒21'02 | 8♈26 | 4♒23 | 7♒49 | 0♑42 | 28♑36 | 0♑39 | 1♐ 2 | 14°R23 | 25°R49 | 7°R17 | 7♒ 5 | 12♓12 | 19♒57 | T 1 |
| W 2 | 8 46 35 | 12°22'02 | 20°23 | 6° 1 | 9° 4 | 1°24 | 28°50 | 0°45 | 1° 4 | 14♋21 | 25♊48 | 7♒17 | 7° 2 | 12°19 | 20° 2 | W 2 |
| T 3 | 8 50 31 | 13°23'01 | 2♉30 | 7°40 | 10°20 | 2° 7 | 29° 4 | 0°51 | 1° 5 | 14°20 | 25°48 | 7°16 | 6°58 | 12°25 | 20° 7 | T 3 |
| F 4 | 8 54 28 | 14°23'59 | 14°51 | 9°19 | 11°35 | 2°50 | 29°18 | 0°56 | 1° 7 | 14°18 | 25°47 | 7°D16 | 6°55 | 12°32 | 20°11 | F 4 |
| S 5 | 8 58 24 | 15°24'56 | 27°32 | 10°59 | 12°50 | 3°32 | 29°31 | 1° 2 | 1° 9 | 14°17 | 25°46 | 7°16 | 6°52 | 12°39 | 20°16 | S 5 |
| S 6 | 9 2 21 | 16°25'51 | 10♊35 | 12°40 | 14° 6 | 4°15 | 29°45 | 1° 8 | 1°10 | 14°16 | 25°45 | 7°17 | 6°49 | 12°45 | 20°21 | S 6 |
| M 7 | 9 6 17 | 17°26'46 | 24° 5 | 14°21 | 15°21 | 4°58 | 29°59 | 1°13 | 1°12 | 14°14 | 25°45 | 7°18 | 6°46 | 12°52 | 20°26 | M 7 |
| T 8 | 9 10 14 | 18°27'39 | 8♋ 1 | 16° 3 | 16°36 | 5°40 | 0♒12 | 1°19 | 1°13 | 14°13 | 25°44 | 7°19 | 6°43 | 12°59 | 20°31 | T 8 |
| W 9 | 9 14 10 | 19°28'31 | 22°24 | 17°46 | 17°52 | 6°23 | 0°26 | 1°24 | 1°15 | 14°12 | 25°44 | 7°19 | 6°39 | 13° 5 | 20°35 | W 9 |
| T 10 | 9 18 7 | 20°29'22 | 7♌10 | 19°29 | 19° 7 | 7° 6 | 0°40 | 1°30 | 1°16 | 14°10 | 25°43 | 7°R20 | 6°36 | 13°12 | 20°40 | T 10 |
| F 11 | 9 22 4 | 21°30'11 | 22°12 | 21°13 | 20°22 | 7°49 | 0°53 | 1°35 | 1°18 | 14° 9 | 25°42 | 7°19 | 6°33 | 13°19 | 20°45 | F 11 |
| S 12 | 9 26 0 | 22°30'59 | 7♍23 | 22°58 | 21°38 | 8°31 | 1° 7 | 1°41 | 1°19 | 14° 8 | 25°42 | 7°18 | 6°30 | 13°25 | 20°50 | S 12 |
| S 13 | 9 29 57 | 23°31'47 | 22°31 | 24°44 | 22°53 | 9°14 | 1°20 | 1°46 | 1°20 | 14° 6 | 25°41 | 7°16 | 6°27 | 13°32 | 20°55 | S 13 |
| M14 | 9 33 53 | 24°32'33 | 7♎29 | 26°30 | 24° 8 | 9°57 | 1°34 | 1°51 | 1°21 | 14° 5 | 25°41 | 7°14 | 6°24 | 13°39 | 20°59 | M14 |
| T 15 | 9 37 50 | 25°33'18 | 22° 8 | 28°17 | 25°24 | 10°40 | 1°47 | 1°56 | 1°22 | 14° 4 | 25°40 | 7°12 | 6°20 | 13°45 | 21° 4 | T 15 |
| W16 | 9 41 46 | 26°34'03 | 6♏23 | 0♓ 5 | 26°39 | 11°23 | 2° 1 | 2° 1 | 1°23 | 14° 3 | 25°40 | 7°10 | 6°17 | 13°52 | 21° 9 | W16 |
| T 17 | 9 45 43 | 27°34'46 | 20°13 | 1°53 | 27°54 | 12° 6 | 2°14 | 2° 6 | 1°24 | 14° 2 | 25°39 | 7° 9 | 6°14 | 13°59 | 21°14 | T 17 |
| F 18 | 9 49 39 | 28°35'29 | 3♐38 | 3°42 | 29° 9 | 12°49 | 2°27 | 2°11 | 1°25 | 14° 1 | 25°39 | 7°D 9 | 6°11 | 14° 6 | 21°18 | F 18 |
| S 19 | 9 53 36 | 29°36'10 | 16°39 | 5°31 | 0♓25 | 13°32 | 2°41 | 2°16 | 1°26 | 13°59 | 25°38 | 7°10 | 6° 8 | 14°12 | 21°23 | S 19 |
| S 20 | 9 57 33 | 0♓36'51 | 29°21 | 7°21 | 1°40 | 14°15 | 2°54 | 2°21 | 1°27 | 13°58 | 25°38 | 7°11 | 6° 4 | 14°19 | 21°28 | S 20 |
| M21 | 10 1 29 | 1°37'30 | 11♑46 | 9°11 | 2°55 | 14°59 | 3° 7 | 2°26 | 1°28 | 13°57 | 25°37 | 7°13 | 6° 1 | 14°26 | 21°33 | M21 |
| T 22 | 10 5 26 | 2°38'08 | 23°58 | 11° 1 | 4°10 | 15°42 | 3°20 | 2°30 | 1°29 | 13°56 | 25°37 | 7°15 | 5°58 | 14°32 | 21°37 | T 22 |
| W23 | 10 9 22 | 3°38'45 | 6♒ 1 | 12°51 | 5°26 | 16°25 | 3°34 | 2°35 | 1°29 | 13°55 | 25°37 | 7°R15 | 5°55 | 14°39 | 21°42 | W23 |
| T 24 | 10 13 19 | 4°39'20 | 17°57 | 14°41 | 6°41 | 17° 8 | 3°47 | 2°39 | 1°30 | 13°54 | 25°36 | 7°15 | 5°52 | 14°46 | 21°47 | T 24 |
| F 25 | 10 17 15 | 5°39'54 | 29°48 | 16°31 | 7°56 | 17°51 | 4° 0 | 2°44 | 1°31 | 13°53 | 25°36 | 7°13 | 5°49 | 14°52 | 21°52 | F 25 |
| S 26 | 10 21 12 | 6°40'27 | 11♓38 | 18°20 | 9°11 | 18°35 | 4°12 | 2°48 | 1°31 | 13°53 | 25°36 | 7° 9 | 5°45 | 14°59 | 21°56 | S 26 |
| S 27 | 10 25 8 | 7°40'58 | 23°27 | 20° 8 | 10°26 | 19°18 | 4°25 | 2°52 | 1°32 | 13°52 | 25°35 | 7° 4 | 5°42 | 15° 6 | 22° 1 | S 27 |
| M28 | 10 29 5 | 8°41'27 | 5♈18 | 21°55 | 11°41 | 20° 1 | 4°38 | 2°57 | 1°32 | 13°51 | 25°35 | 6°58 | 5°39 | 15°12 | 22° 6 | M28 |
| T 29 | 10 33 2 | 9♓41'55 | 17♈12 | 23♓40 | 12♓56 | 20♑45 | 4♒51 | 3♑ 1 | 1♐32 | 13♋50 | 25♊35 | 6♒52 | 5♒36 | 15♓19 | 22♒10 | T 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s20 | 7n36 | 4n38 | 20s56 | 1s52 | 19s14 | 0s59 | 23s41 | 0s18 | 20s37 | 0s13 | 22s14 | 1n10 | 20s 6 | 0n14 | 21n42 | 0s55 | 14n42 | 8s38 | 18s25 | 18s28 | 4s14 | 8s49 | 6n17 |
| W 2 | 17 3 | 12 38 | 5 4 | 20 35 | 1 55 | 18 56 | 1 1 | 23 42 | 0 19 | 20 34 | 0 13 | 22 14 | 1 10 | 20 6 | 0 14 | 21 42 | 0 55 | 14 42 | 8 37 | 18 25 | 18 29 | 4 10 | 8 48 | 6 17 |
| T 3 | 16 46 | 17 16 | 5 16 | 20 13 | 1 58 | 18 37 | 1 2 | 23 42 | 0 20 | 20 31 | 0 13 | 22 14 | 1 10 | 20 6 | 0 14 | 21 42 | 0 55 | 14 42 | 8 37 | 18 25 | 18 29 | 4 7 | 8 47 | 6 17 |
| F 4 | 16 29 | 21 16 | 5 15 | 19 49 | 2 0 | 18 18 | 1 4 | 23 42 | 0 20 | 20 28 | 0 13 | 22 13 | 1 10 | 20 7 | 0 14 | 21 43 | 0 55 | 14 42 | 8 37 | 18 25 | 18 30 | 4 4 | 8 45 | 6 17 |
| S 5 | 16 11 | 24 24 | 4 58 | 19 23 | 2 2 | 17 58 | 1 6 | 23 42 | 0 21 | 20 26 | 0 13 | 22 13 | 1 10 | 20 7 | 0 14 | 21 43 | 0 55 | 14 43 | 8 37 | 18 25 | 18 31 | 4 1 | 8 44 | 6 17 |
| S 6 | 15 53 | 26 22 | 4 26 | 18 57 | 2 3 | 17 38 | 1 7 | 23 41 | 0 22 | 20 23 | 0 14 | 22 13 | 1 10 | 20 7 | 0 14 | 21 43 | 0 55 | 14 43 | 8 37 | 18 25 | 18 32 | 3 58 | 8 43 | 6 17 |
| M 7 | 15 34 | 26 53 | 3 38 | 18 29 | 2 4 | 17 17 | 1 9 | 23 40 | 0 23 | 20 20 | 0 14 | 22 13 | 1 10 | 20 8 | 0 14 | 21 43 | 0 55 | 14 43 | 8 37 | 18 25 | 18 33 | 3 54 | 8 41 | 6 17 |
| T 8 | 15 16 | 25 44 | 2 36 | 17 59 | 2 5 | 16 56 | 1 10 | 23 39 | 0 23 | 20 17 | 0 14 | 22 13 | 1 10 | 20 8 | 0 14 | 21 43 | 0 55 | 14 43 | 8 36 | 18 24 | 18 33 | 3 51 | 8 40 | 6 17 |
| W 9 | 14 57 | 22 53 | 1 22 | 17 28 | 2 6 | 16 35 | 1 11 | 23 38 | 0 24 | 20 14 | 0 14 | 22 13 | 1 10 | 20 8 | 0 14 | 21 43 | 0 55 | 14 43 | 8 36 | 18 24 | 18 34 | 3 48 | 8 38 | 6 17 |
| T 10 | 14 38 | 18 27 | 0 1 | 16 56 | 2 5 | 16 13 | 1 13 | 23 37 | 0 25 | 20 12 | 0 14 | 22 13 | 1 10 | 20 8 | 0 14 | 21 44 | 0 55 | 14 43 | 8 36 | 18 24 | 18 35 | 3 45 | 8 37 | 6 16 |
| F 11 | 14 18 | 12 48 | 1s22 | 16 22 | 2 5 | 15 50 | 1 14 | 23 35 | 0 26 | 20 9 | 0 14 | 22 13 | 1 10 | 20 9 | 0 14 | 21 44 | 0 55 | 14 44 | 8 36 | 18 24 | 18 36 | 3 42 | 8 35 | 6 16 |
| S 12 | 13 59 | 6 19 | 2 39 | 15 47 | 2 4 | 15 27 | 1 15 | 23 33 | 0 27 | 20 6 | 0 14 | 22 13 | 1 10 | 20 9 | 0 14 | 21 44 | 0 55 | 14 44 | 8 36 | 18 24 | 18 37 | 3 38 | 8 34 | 6 16 |
| S 13 | 13 39 | 0s29 | 3 45 | 15 11 | 2 3 | 15 4 | 1 16 | 23 31 | 0 27 | 20 3 | 0 14 | 22 13 | 1 10 | 20 9 | 0 14 | 21 44 | 0 55 | 14 44 | 8 35 | 18 25 | 18 37 | 3 35 | 8 32 | 6 16 |
| M14 | 13 19 | 7 10 | 4 35 | 14 33 | 2 1 | 14 40 | 1 17 | 23 29 | 0 28 | 20 0 | 0 14 | 22 13 | 1 10 | 20 9 | 0 14 | 21 44 | 0 55 | 14 44 | 8 35 | 18 25 | 18 38 | 3 32 | 8 31 | 6 16 |
| T 15 | 12 59 | 13 19 | 5 5 | 13 54 | 1 58 | 14 16 | 1 18 | 23 26 | 0 29 | 19 57 | 0 15 | 22 13 | 1 10 | 20 10 | 0 14 | 21 44 | 0 55 | 14 44 | 8 35 | 18 26 | 18 39 | 3 29 | 8 30 | 6 16 |
| W16 | 12 38 | 18 35 | 5 16 | 13 13 | 1 55 | 13 51 | 1 19 | 23 24 | 0 30 | 19 54 | 0 15 | 22 13 | 1 10 | 20 10 | 0 14 | 21 45 | 0 55 | 14 45 | 8 35 | 18 26 | 18 40 | 3 26 | 8 28 | 6 16 |
| T 17 | 12 17 | 22 42 | 5 8 | 12 32 | 1 52 | 13 26 | 1 20 | 23 21 | 0 30 | 19 52 | 0 15 | 22 12 | 1 10 | 20 10 | 0 14 | 21 45 | 0 55 | 14 45 | 8 34 | 18 27 | 18 41 | 3 22 | 8 27 | 6 16 |
| F 18 | 11 56 | 25 28 | 4 43 | 11 49 | 1 48 | 13 1 | 1 21 | 23 17 | 0 31 | 19 49 | 0 15 | 22 12 | 1 10 | 20 10 | 0 14 | 21 45 | 0 55 | 14 45 | 8 34 | 18 27 | 18 41 | 3 19 | 8 25 | 6 16 |
| S 19 | 11 35 | 26 46 | 4 4 | 11 4 | 1 43 | 12 35 | 1 22 | 23 14 | 0 32 | 19 46 | 0 15 | 22 12 | 1 10 | 20 10 | 0 14 | 21 45 | 0 55 | 14 45 | 8 34 | 18 27 | 18 42 | 3 16 | 8 24 | 6 16 |
| S 20 | 11 14 | 26 37 | 3 14 | 10 19 | 1 38 | 12 9 | 1 23 | 23 10 | 0 33 | 19 43 | 0 15 | 22 12 | 1 10 | 20 11 | 0 14 | 21 45 | 0 55 | 14 45 | 8 34 | 18 26 | 18 43 | 3 13 | 8 22 | 6 16 |
| M21 | 10 52 | 25 8 | 2 16 | 9 32 | 1 32 | 11 42 | 1 23 | 23 6 | 0 34 | 19 40 | 0 15 | 22 12 | 1 10 | 20 11 | 0 14 | 21 45 | 0 55 | 14 46 | 8 34 | 18 26 | 18 44 | 3 10 | 8 21 | 6 16 |
| T 22 | 10 31 | 22 28 | 1 13 | 8 45 | 1 26 | 11 16 | 1 24 | 23 2 | 0 34 | 19 37 | 0 15 | 22 12 | 1 10 | 20 11 | 0 14 | 21 45 | 0 55 | 14 46 | 8 33 | 18 25 | 18 44 | 3 7 | 8 19 | 6 16 |
| W23 | 10 9 | 18 50 | 0 7 | 7 56 | 1 19 | 10 49 | 1 25 | 22 58 | 0 35 | 19 34 | 0 15 | 22 12 | 1 10 | 20 11 | 0 14 | 21 46 | 0 55 | 14 46 | 8 33 | 18 25 | 18 45 | 3 3 | 8 18 | 6 17 |
| T 24 | 9 47 | 14 30 | 0n58 | 7 7 | 1 11 | 10 21 | 1 25 | 22 53 | 0 36 | 19 31 | 0 16 | 22 12 | 1 10 | 20 11 | 0 14 | 21 46 | 0 54 | 14 46 | 8 33 | 18 25 | 18 46 | 3 0 | 8 16 | 6 17 |
| F 25 | 9 25 | 9 38 | 2 1 | 6 17 | 1 3 | 9 54 | 1 25 | 22 49 | 0 37 | 19 28 | 0 16 | 22 11 | 1 10 | 20 11 | 0 14 | 21 46 | 0 54 | 14 46 | 8 33 | 18 26 | 18 47 | 2 57 | 8 15 | 6 17 |
| S 26 | 9 3 | 4 27 | 2 57 | 5 26 | 0 54 | 9 26 | 1 26 | 22 44 | 0 38 | 19 25 | 0 16 | 22 11 | 1 10 | 20 11 | 0 14 | 21 46 | 0 54 | 14 47 | 8 33 | 18 27 | 18 48 | 2 54 | 8 13 | 6 17 |
| S 27 | 8 40 | 0n52 | 3 46 | 4 35 | 0 44 | 8 58 | 1 26 | 22 38 | 0 38 | 19 22 | 0 16 | 22 11 | 1 10 | 20 11 | 0 14 | 21 46 | 0 54 | 14 47 | 8 32 | 18 28 | 18 48 | 2 51 | 8 11 | 6 17 |
| M28 | 8 18 | 6 10 | 4 26 | 3 43 | 0 34 | 8 30 | 1 26 | 22 33 | 0 39 | 19 19 | 0 16 | 22 11 | 1 10 | 20 12 | 0 14 | 21 46 | 0 54 | 14 47 | 8 32 | 18 29 | 18 49 | 2 47 | 8 10 | 6 17 |
| T 29 | 7s55 | 11n16 | 4n53 | 2s52 | 0s23 | 8s 1 | 1s26 | 22s27 | 0s40 | 19s16 | 0s16 | 22s11 | 1n10 | 20s12 | 0n14 | 21n46 | 0s54 | 14n47 | 8s32 | 18s31 | 18s50 | 2s44 | 8s 8 | 6n17 |

Julian Day Number = 2597672.5, Delta T = 08m39s
Ecliptic obliquity = 23°23'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'01, Lahiri = 29°27'02


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## MARCH 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 36 58 | 10♓42'20 | 29♈13 | 25♓23 | 14♓12 | 21♉28 | 5♒ 4 | 3♉ 5 | 1♐33 | 13°R49 | 25°R35 | 6°R46 | 5♒33 | 15♓26 | 22♒15 | W 1 |
| T 2 | 10 40 55 | 11°42'45 | 11♉22 | 27° 4 | 15°27 | 22°12 | 5°16 | 3° 9 | 1°33 | 13♋48 | 25♊35 | 6♒41 | 5°29 | 15°32 | 22°19 | T 2 |
| F 3 | 10 44 51 | 12°43'07 | 23°42 | 28°41 | 16°42 | 22°55 | 5°29 | 3°13 | 1°33 | 13°48 | 25°34 | 6°38 | 5°26 | 15°39 | 22°24 | F 3 |
| S 4 | 10 48 48 | 13°43'27 | 6♊19 | 0♈15 | 17°57 | 23°38 | 5°41 | 3°16 | 1°33 | 13°47 | 25°34 | 6°36 | 5°23 | 15°46 | 22°28 | S 4 |
| S 5 | 10 52 44 | 14°43'46 | 19°15 | 1°45 | 19°12 | 24°22 | 5°54 | 3°20 | 1°33 | 13°46 | 25°34 | 6°D36 | 5°20 | 15°52 | 22°33 | S 5 |
| M 6 | 10 56 41 | 15°44'02 | 2♋34 | 3°10 | 20°27 | 25° 5 | 6° 6 | 3°24 | 1°R33 | 13°46 | 25°34 | 6°37 | 5°17 | 15°59 | 22°37 | M 6 |
| T 7 | 11 0 37 | 16°44'17 | 16°18 | 4°30 | 21°42 | 25°49 | 6°19 | 3°27 | 1°33 | 13°45 | 25°34 | 6°38 | 5°14 | 16° 6 | 22°42 | T 7 |
| W 8 | 11 4 34 | 17°44'29 | 0♌30 | 5°43 | 22°57 | 26°33 | 6°31 | 3°31 | 1°33 | 13°45 | 25°34 | 6°R39 | 5°10 | 16°12 | 22°46 | W 8 |
| T 9 | 11 8 31 | 18°44'39 | 15° 8 | 6°50 | 24°12 | 27°16 | 6°43 | 3°34 | 1°33 | 13°44 | 25°34 | 6°39 | 5° 7 | 16°19 | 22°51 | T 9 |
| F 10 | 11 12 27 | 19°44'48 | 0♍ 7 | 7°50 | 25°27 | 28° 0 | 6°55 | 3°37 | 1°33 | 13°44 | 25°D34 | 6°37 | 5° 4 | 16°26 | 22°55 | F 10 |
| S 11 | 11 16 24 | 20°44'54 | 15°21 | 8°42 | 26°42 | 28°43 | 7° 7 | 3°41 | 1°33 | 13°43 | 25°34 | 6°33 | 5° 1 | 16°32 | 23° 0 | S 11 |
| S 12 | 11 20 20 | 21°44'59 | 0♎39 | 9°26 | 27°56 | 29°27 | 7°19 | 3°44 | 1°32 | 13°43 | 25°34 | 6°27 | 4°58 | 16°39 | 23° 4 | S 12 |
| M13 | 11 24 17 | 22°45'01 | 15°52 | 10° 2 | 29°11 | 0♒11 | 7°31 | 3°47 | 1°32 | 13°42 | 25°34 | 6°20 | 4°55 | 16°46 | 23° 8 | M13 |
| T 14 | 11 28 13 | 23°45'02 | 0♏47 | 10°29 | 0♈26 | 0°54 | 7°43 | 3°50 | 1°32 | 13°42 | 25°34 | 6°13 | 4°51 | 16°52 | 23°13 | T 14 |
| W15 | 11 32 10 | 24°45'02 | 15°18 | 10°46 | 1°41 | 1°38 | 7°55 | 3°52 | 1°31 | 13°42 | 25°34 | 6° 6 | 4°48 | 16°59 | 23°17 | W15 |
| T 16 | 11 36 6 | 25°45'00 | 29°21 | 10°R55 | 2°56 | 2°22 | 8° 6 | 3°55 | 1°31 | 13°41 | 25°34 | 6° 1 | 4°45 | 17° 6 | 23°21 | T 16 |
| F 17 | 11 40 3 | 26°44'56 | 12♐53 | 10°55 | 4°11 | 3° 6 | 8°18 | 3°58 | 1°30 | 13°41 | 25°35 | 5°58 | 4°42 | 17°12 | 23°25 | F 17 |
| S 18 | 11 43 59 | 27°44'51 | 25°58 | 10°46 | 5°25 | 3°50 | 8°29 | 4° 0 | 1°30 | 13°41 | 25°35 | 5°D57 | 4°39 | 17°19 | 23°29 | S 18 |
| S 19 | 11 47 56 | 28°44'44 | 8♑38 | 10°29 | 6°40 | 4°33 | 8°41 | 4° 3 | 1°29 | 13°41 | 25°35 | 5°58 | 4°35 | 17°26 | 23°34 | S 19 |
| M20 | 11 51 53 | 29°44'35 | 20°59 | 10° 4 | 7°55 | 5°17 | 8°52 | 4° 5 | 1°28 | 13°40 | 25°35 | 5°59 | 4°32 | 17°33 | 23°38 | M20 |
| T 21 | 11 55 49 | 0♈44'25 | 3♒ 5 | 9°32 | 9°10 | 6° 1 | 9° 3 | 4° 8 | 1°27 | 13°40 | 25°35 | 6°R 0 | 4°29 | 17°39 | 23°42 | T 21 |
| W22 | 11 59 46 | 1°44'13 | 15° 1 | 8°53 | 10°24 | 6°45 | 9°14 | 4°10 | 1°27 | 13°40 | 25°36 | 5°59 | 4°26 | 17°46 | 23°46 | W22 |
| T 23 | 12 3 42 | 2°43'59 | 26°51 | 8° 9 | 11°39 | 7°29 | 9°25 | 4°12 | 1°26 | 13°40 | 25°36 | 5°57 | 4°23 | 17°53 | 23°50 | T 23 |
| F 24 | 12 7 39 | 3°43'43 | 8♓38 | 7°20 | 12°54 | 8°13 | 9°36 | 4°14 | 1°25 | 13°40 | 25°36 | 5°52 | 4°20 | 17°59 | 23°54 | F 24 |
| S 25 | 12 11 35 | 4°43'26 | 20°27 | 6°28 | 14° 8 | 8°57 | 9°47 | 4°16 | 1°24 | 13°D40 | 25°37 | 5°44 | 4°16 | 18° 6 | 23°58 | S 25 |
| S 26 | 12 15 32 | 5°43'06 | 2♈18 | 5°34 | 15°23 | 9°41 | 9°58 | 4°18 | 1°23 | 13°40 | 25°37 | 5°34 | 4°13 | 18°13 | 24° 1 | S 26 |
| M27 | 12 19 28 | 6°42'45 | 14°15 | 4°39 | 16°38 | 10°25 | 10° 9 | 4°19 | 1°22 | 13°40 | 25°37 | 5°23 | 4°10 | 18°19 | 24° 5 | M27 |
| T 28 | 12 23 25 | 7°42'21 | 26°17 | 3°45 | 17°52 | 11° 9 | 10°19 | 4°21 | 1°21 | 13°40 | 25°38 | 5°11 | 4° 7 | 18°26 | 24° 9 | T 28 |
| W29 | 12 27 22 | 8°41'56 | 8♉26 | 2°51 | 19° 7 | 11°53 | 10°30 | 4°22 | 1°20 | 13°40 | 25°38 | 4°59 | 4° 4 | 18°33 | 24°13 | W29 |
| T 30 | 12 31 18 | 9°41'28 | 20°44 | 2° 0 | 20°21 | 12°37 | 10°40 | 4°24 | 1°18 | 13°41 | 25°39 | 4°48 | 4° 1 | 18°39 | 24°16 | T 30 |
| F 31 | 12 35 15 | 10♈40'59 | 3♊12 | 1♈13 | 21♈36 | 13♒21 | 10♒50 | 4♉25 | 1♐17 | 13♋41 | 25♊39 | 4♒40 | 3♒57 | 18♓46 | 24♒20 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s32 | 15n59 | 5n 9 | 2s 0 | 0s11 | 7s32 | 1s27 | 22s21 | 0s41 | 19s13 | 0s16 | 22s11 | 1n10 | 20s12 | 0n14 | 21n46 | 0s54 | 14n48 | 8s32 | 18s32 | 18s51 | 2s41 | 8s 7 | 6n17 |
| T 2 | 7 9 | 20 7 | 5 10 | 1 9 | 0n 1 | 7 3 | 1 27 | 22 15 | 0 42 | 19 11 | 0 16 | 22 11 | 1 10 | 20 12 | 0 14 | 21 47 | 0 54 | 14 48 | 8 31 | 18 34 | 18 51 | 2 38 | 8 5 | 6 17 |
| F 3 | 6 46 | 23 28 | 4 58 | 0 19 | 0 13 | 6 34 | 1 27 | 22 9 | 0 43 | 19 8 | 0 16 | 22 11 | 1 10 | 20 12 | 0 14 | 21 47 | 0 54 | 14 48 | 8 31 | 18 35 | 18 52 | 2 35 | 8 4 | 6 17 |
| S 4 | 6 23 | 25 46 | 4 31 | 0n30 | 0 26 | 6 5 | 1 27 | 22 2 | 0 43 | 19 5 | 0 17 | 22 10 | 1 10 | 20 12 | 0 14 | 21 47 | 0 54 | 14 48 | 8 31 | 18 35 | 18 53 | 2 31 | 8 2 | 6 17 |
| S 5 | 6 0 | 26 46 | 3 49 | 1 18 | 0 40 | 5 35 | 1 26 | 21 56 | 0 44 | 19 2 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 48 | 8 31 | 18 35 | 18 54 | 2 28 | 8 1 | 6 17 |
| M 6 | 5 37 | 26 17 | 2 55 | 2 5 | 0 54 | 5 6 | 1 26 | 21 49 | 0 45 | 18 59 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 49 | 8 30 | 18 35 | 18 55 | 2 25 | 7 59 | 6 17 |
| T 7 | 5 13 | 24 11 | 1 48 | 2 49 | 1 8 | 4 36 | 1 26 | 21 41 | 0 46 | 18 56 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 49 | 8 30 | 18 34 | 18 55 | 2 22 | 7 58 | 6 18 |
| W 8 | 4 50 | 20 33 | 0 33 | 3 31 | 1 22 | 4 6 | 1 26 | 21 34 | 0 47 | 18 53 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 49 | 8 30 | 18 34 | 18 56 | 2 19 | 7 56 | 6 18 |
| T 9 | 4 27 | 15 32 | 0s46 | 4 11 | 1 36 | 3 36 | 1 25 | 21 26 | 0 48 | 18 50 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 49 | 8 30 | 18 34 | 18 57 | 2 15 | 7 55 | 6 18 |
| F 10 | 4 3 | 9 29 | 2 4 | 4 47 | 1 50 | 3 6 | 1 25 | 21 19 | 0 48 | 18 47 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 50 | 8 30 | 18 35 | 18 58 | 2 12 | 7 53 | 6 18 |
| S 11 | 3 40 | 2 47 | 3 14 | 5 21 | 2 4 | 2 36 | 1 24 | 21 11 | 0 49 | 18 44 | 0 17 | 22 10 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 50 | 8 29 | 18 36 | 18 58 | 2 9 | 7 52 | 6 18 |
| S 12 | 3 16 | 4s 6 | 4 10 | 5 50 | 2 17 | 2 6 | 1 23 | 21 2 | 0 50 | 18 41 | 0 18 | 22 9 | 1 11 | 20 12 | 0 14 | 21 47 | 0 54 | 14 50 | 8 29 | 18 37 | 18 59 | 2 6 | 7 50 | 6 18 |
| M13 | 2 52 | 10 40 | 4 49 | 6 16 | 2 30 | 1 35 | 1 23 | 20 54 | 0 51 | 18 38 | 0 18 | 22 9 | 1 11 | 20 12 | 0 14 | 21 48 | 0 54 | 14 50 | 8 29 | 18 39 | 19 0 | 2 3 | 7 48 | 6 18 |
| T 14 | 2 29 | 16 30 | 5 7 | 6 38 | 2 42 | 1 5 | 1 22 | 20 45 | 0 52 | 18 35 | 0 18 | 22 9 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 51 | 8 29 | 18 41 | 19 1 | 2 0 | 7 47 | 6 19 |
| W15 | 2 5 | 21 14 | 5 4 | 6 55 | 2 53 | 0 35 | 1 21 | 20 37 | 0 53 | 18 33 | 0 18 | 22 9 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 51 | 8 28 | 18 42 | 19 1 | 1 56 | 7 45 | 6 19 |
| T 16 | 1 41 | 24 34 | 4 43 | 7 8 | 3 3 | 0 4 | 1 20 | 20 28 | 0 54 | 18 30 | 0 18 | 22 9 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 51 | 8 28 | 18 44 | 19 2 | 1 53 | 7 44 | 6 19 |
| F 17 | 1 17 | 26 22 | 4 7 | 7 16 | 3 12 | 0n26 | 1 20 | 20 18 | 0 54 | 18 27 | 0 18 | 22 9 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 51 | 8 28 | 18 44 | 19 3 | 1 50 | 7 42 | 6 19 |
| S 18 | 0 54 | 26 38 | 3 18 | 7 19 | 3 20 | 0 57 | 1 19 | 20 9 | 0 55 | 18 24 | 0 18 | 22 9 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 51 | 8 28 | 18 45 | 19 4 | 1 47 | 7 41 | 6 19 |
| S 19 | 0 30 | 25 28 | 2 22 | 7 18 | 3 26 | 1 27 | 1 18 | 19 59 | 0 56 | 18 21 | 0 19 | 22 8 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 52 | 8 27 | 18 45 | 19 4 | 1 44 | 7 39 | 6 20 |
| M20 | 0 6 | 23 4 | 1 20 | 7 12 | 3 30 | 1 58 | 1 16 | 19 50 | 0 57 | 18 18 | 0 19 | 22 8 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 52 | 8 27 | 18 44 | 19 5 | 1 40 | 7 38 | 6 20 |
| T 21 | 0n18 | 19 41 | 0 16 | 7 1 | 3 32 | 2 28 | 1 15 | 19 40 | 0 58 | 18 15 | 0 19 | 22 8 | 1 11 | 20 11 | 0 14 | 21 48 | 0 54 | 14 52 | 8 27 | 18 44 | 19 6 | 1 37 | 7 36 | 6 20 |
| W22 | 0 41 | 15 32 | 0n48 | 6 47 | 3 33 | 2 59 | 1 14 | 19 30 | 0 59 | 18 13 | 0 19 | 22 8 | 1 11 | 20 10 | 0 14 | 21 48 | 0 53 | 14 52 | 8 27 | 18 44 | 19 7 | 1 34 | 7 35 | 6 20 |
| T 23 | 1 5 | 10 49 | 1 49 | 6 28 | 3 31 | 3 29 | 1 13 | 19 19 | 1 0 | 18 10 | 0 19 | 22 8 | 1 11 | 20 10 | 0 14 | 21 48 | 0 53 | 14 53 | 8 27 | 18 45 | 19 7 | 1 31 | 7 33 | 6 20 |
| F 24 | 1 29 | 5 45 | 2 46 | 6 6 | 3 28 | 3 59 | 1 11 | 19 9 | 1 0 | 18 7 | 0 19 | 22 8 | 1 11 | 20 10 | 0 14 | 21 48 | 0 53 | 14 53 | 8 26 | 18 46 | 19 8 | 1 28 | 7 32 | 6 21 |
| S 25 | 1 52 | 0 29 | 3 34 | 5 40 | 3 23 | 4 29 | 1 10 | 18 58 | 1 1 | 18 4 | 0 19 | 22 8 | 1 11 | 20 10 | 0 14 | 21 48 | 0 53 | 14 53 | 8 26 | 18 48 | 19 9 | 1 25 | 7 30 | 6 21 |
| S 26 | 2 16 | 4n48 | 4 14 | 5 12 | 3 16 | 4 59 | 1 9 | 18 47 | 1 2 | 18 2 | 0 20 | 22 8 | 1 12 | 20 10 | 0 14 | 21 48 | 0 53 | 14 53 | 8 26 | 18 50 | 19 10 | 1 21 | 7 29 | 6 21 |
| M27 | 2 40 | 9 57 | 4 43 | 4 42 | 3 7 | 5 29 | 1 7 | 18 36 | 1 3 | 17 59 | 0 20 | 22 8 | 1 12 | 20 9 | 0 14 | 21 48 | 0 53 | 14 54 | 8 26 | 18 53 | 19 10 | 1 18 | 7 27 | 6 21 |
| T 28 | 3 3 | 14 46 | 4 59 | 4 11 | 2 57 | 5 59 | 1 6 | 18 25 | 1 4 | 17 56 | 0 20 | 22 7 | 1 12 | 20 9 | 0 14 | 21 48 | 0 53 | 14 54 | 8 25 | 18 56 | 19 11 | 1 15 | 7 26 | 6 22 |
| W29 | 3 27 | 19 3 | 5 2 | 3 39 | 2 45 | 6 29 | 1 4 | 18 14 | 1 5 | 17 54 | 0 20 | 22 7 | 1 12 | 20 9 | 0 14 | 21 48 | 0 53 | 14 54 | 8 25 | 18 59 | 19 12 | 1 12 | 7 25 | 6 22 |
| T 30 | 3 50 | 22 35 | 4 51 | 3 7 | 2 32 | 6 58 | 1 2 | 18 2 | 1 6 | 17 51 | 0 20 | 22 7 | 1 12 | 20 9 | 0 14 | 21 48 | 0 53 | 14 54 | 8 25 | 19 1 | 19 13 | 1 9 | 7 23 | 6 22 |
| F 31 | 4n13 | 25n 7 | 4n27 | 2n36 | 2n18 | 7n28 | 1s 1 | 17s50 | 1s 7 | 17s48 | 0s20 | 22s 7 | 1n12 | 20s 8 | 0n14 | 21n48 | 0s53 | 14n55 | 8s25 | 19s 3 | 19s13 | 1s 5 | 7s22 | 6n22 |

Julian Day Number = 2597701.5, Delta T = 08m40s
Ecliptic obliquity = 23°23'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'05, Lahiri = 29°27'06


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## APRIL 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 39 11 | 11♈40'27 | 15♊52 | 0°R29 | 22♈50 | 14♒ 5 | 11♒ 0 | 4♑26 | 1°R16 | 13♋41 | 25♊39 | 4°R35 | 3♒54 | 18♓53 | 24♒24 | S 1 |
| S 2 | 12 43 8 | 12°39'52 | 28°48 | 29♓50 | 24° 5 | 14°49 | 11°10 | 4°27 | 1♐14 | 13°41 | 25°40 | 4♒32 | 3°51 | 18°59 | 24°27 | S 2 |
| M 3 | 12 47 4 | 13°39'16 | 12♋ 2 | 29°16 | 25°19 | 15°34 | 11°20 | 4°29 | 1°13 | 13°42 | 25°41 | 4°D31 | 3°48 | 19° 6 | 24°31 | M 3 |
| T 4 | 12 51 1 | 14°38'37 | 25°37 | 28°47 | 26°34 | 16°18 | 11°30 | 4°29 | 1°12 | 13°42 | 25°41 | 4°31 | 3°45 | 19°13 | 24°34 | T 4 |
| W 5 | 12 54 57 | 15°37'56 | 9♌35 | 28°24 | 27°48 | 17° 2 | 11°40 | 4°30 | 1°10 | 13°42 | 25°42 | 4°R31 | 3°41 | 19°19 | 24°38 | W 5 |
| T 6 | 12 58 54 | 16°37'12 | 23°56 | 28° 7 | 29° 2 | 17°46 | 11°49 | 4°31 | 1° 9 | 13°43 | 25°42 | 4°30 | 3°38 | 19°26 | 24°41 | T 6 |
| F 7 | 13 2 51 | 17°36'27 | 8♍39 | 27°55 | 0♉17 | 18°30 | 11°59 | 4°32 | 1° 7 | 13°43 | 25°43 | 4°26 | 3°35 | 19°33 | 24°45 | F 7 |
| S 8 | 13 6 47 | 18°35'38 | 23°39 | 27°50 | 1°31 | 19°14 | 12° 8 | 4°32 | 1° 6 | 13°44 | 25°43 | 4°20 | 3°32 | 19°39 | 24°48 | S 8 |
| S 9 | 13 10 44 | 19°34'48 | 8♎48 | 27°D50 | 2°45 | 19°59 | 12°17 | 4°33 | 1° 4 | 13°44 | 25°44 | 4°11 | 3°29 | 19°46 | 24°51 | S 9 |
| M10 | 13 14 40 | 20°33'56 | 23°57 | 27°55 | 3°59 | 20°43 | 12°26 | 4°33 | 1° 2 | 13°45 | 25°45 | 4° 1 | 3°26 | 19°53 | 24°54 | M10 |
| T 11 | 13 18 37 | 21°33'01 | 8♏53 | 28° 6 | 5°13 | 21°27 | 12°35 | 4°33 | 1° 1 | 13°45 | 25°45 | 3°50 | 3°22 | 20° 0 | 24°57 | T 11 |
| W12 | 13 22 33 | 22°32'05 | 23°30 | 28°21 | 6°28 | 22°11 | 12°44 | 4°33 | 0°59 | 13°46 | 25°46 | 3°39 | 3°19 | 20° 6 | 25° 1 | W12 |
| T 13 | 13 26 30 | 23°31'07 | 7♐39 | 28°42 | 7°42 | 22°55 | 12°53 | 4°R33 | 0°57 | 13°47 | 25°47 | 3°31 | 3°16 | 20°13 | 25° 4 | T 13 |
| F 14 | 13 30 26 | 24°30'07 | 21°19 | 29° 7 | 8°56 | 23°40 | 13° 1 | 4°33 | 0°55 | 13°47 | 25°48 | 3°25 | 3°13 | 20°20 | 25° 7 | F 14 |
| S 15 | 13 34 23 | 25°29'06 | 4♑30 | 29°37 | 10°10 | 24°24 | 13°10 | 4°33 | 0°53 | 13°48 | 25°48 | 3°21 | 3°10 | 20°26 | 25° 9 | S 15 |
| S 16 | 13 38 20 | 26°28'03 | 17°15 | 0♈11 | 11°24 | 25° 8 | 13°18 | 4°33 | 0°51 | 13°49 | 25°49 | 3°20 | 3° 6 | 20°33 | 25°12 | S 16 |
| M17 | 13 42 16 | 27°26'58 | 29°38 | 0°49 | 12°38 | 25°53 | 13°26 | 4°32 | 0°49 | 13°49 | 25°50 | 3°20 | 3° 3 | 20°40 | 25°15 | M17 |
| T 18 | 13 46 13 | 28°25'51 | 11♒44 | 1°31 | 13°52 | 26°37 | 13°34 | 4°32 | 0°48 | 13°50 | 25°51 | 3°20 | 3° 0 | 20°46 | 25°18 | T 18 |
| W19 | 13 50 9 | 29°24'42 | 23°39 | 2°17 | 15° 6 | 27°21 | 13°42 | 4°31 | 0°46 | 13°51 | 25°52 | 3°18 | 2°57 | 20°53 | 25°21 | W19 |
| T 20 | 13 54 6 | 0♉23'32 | 5♓29 | 3° 6 | 16°20 | 28° 6 | 13°50 | 4°31 | 0°43 | 13°52 | 25°52 | 3°15 | 2°54 | 21° 0 | 25°23 | T 20 |
| F 21 | 13 58 2 | 1°22'20 | 17°16 | 3°58 | 17°34 | 28°50 | 13°58 | 4°30 | 0°41 | 13°53 | 25°53 | 3° 9 | 2°51 | 21° 6 | 25°26 | F 21 |
| S 22 | 14 1 59 | 2°21'06 | 29° 7 | 4°53 | 18°48 | 29°34 | 14° 5 | 4°29 | 0°39 | 13°54 | 25°54 | 3° 0 | 2°47 | 21°13 | 25°29 | S 22 |
| S 23 | 14 5 55 | 3°19'50 | 11♈ 3 | 5°52 | 20° 2 | 0♓19 | 14°13 | 4°28 | 0°37 | 13°55 | 25°55 | 2°49 | 2°44 | 21°20 | 25°31 | S 23 |
| M24 | 14 9 52 | 4°18'33 | 23° 6 | 6°53 | 21°16 | 1° 3 | 14°20 | 4°27 | 0°35 | 13°56 | 25°56 | 2°36 | 2°41 | 21°26 | 25°33 | M24 |
| T 25 | 14 13 49 | 5°17'13 | 5♉19 | 7°57 | 22°29 | 1°47 | 14°27 | 4°26 | 0°33 | 13°57 | 25°57 | 2°22 | 2°38 | 21°33 | 25°36 | T 25 |
| W26 | 14 17 45 | 6°15'52 | 17°41 | 9° 3 | 23°43 | 2°32 | 14°34 | 4°25 | 0°31 | 13°58 | 25°58 | 2° 8 | 2°35 | 21°40 | 25°38 | W26 |
| T 27 | 14 21 42 | 7°14'29 | 0♊13 | 10°12 | 24°57 | 3°16 | 14°40 | 4°23 | 0°28 | 13°59 | 25°59 | 1°56 | 2°32 | 21°47 | 25°40 | T 27 |
| F 28 | 14 25 38 | 8°13'04 | 12°56 | 11°23 | 26°11 | 4° 0 | 14°47 | 4°22 | 0°26 | 14° 0 | 26° 0 | 1°46 | 2°28 | 21°53 | 25°43 | F 28 |
| S 29 | 14 29 35 | 9°11'37 | 25°50 | 12°37 | 27°24 | 4°45 | 14°54 | 4°21 | 0°24 | 14° 1 | 26° 1 | 1°39 | 2°25 | 22° 0 | 25°45 | S 29 |
| S 30 | 14 33 31 | 10♉10'08 | 8♋57 | 13♈53 | 28♉38 | 5♓29 | 15♒ 0 | 4♑19 | 0♐22 | 14♋ 2 | 26♊ 2 | 1♒36 | 2♒22 | 22♓ 7 | 25♒47 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n36 | 26n26 | 3n48 | 2n 5 | 2n 3 | 7n57 | 0s59 | 17s39 | 1s 7 | 17s46 | 0s20 | 22s 7 | 1n12 | 20s 8 | 0n14 | 21n48 | 0s53 | 14n55 | 8s25 | 19s 5 | 19s14 | 1s 2 | 7s20 | 6n23 |
| S 2 | 5 0 | 26 21 | 2 58 | 1 35 | 1 48 | 8 26 | 0 57 | 17 26 | 1 8 | 17 43 | 0 21 | 22 7 | 1 12 | 20 8 | 0 14 | 21 48 | 0 53 | 14 55 | 8 24 | 19 5 | 19 15 | 0 59 | 7 19 | 6 23 |
| M 3 | 5 23 | 24 47 | 1 57 | 1 7 | 1 32 | 8 55 | 0 55 | 17 14 | 1 9 | 17 40 | 0 21 | 22 7 | 1 12 | 20 8 | 0 14 | 21 48 | 0 53 | 14 55 | 8 24 | 19 6 | 19 16 | 0 56 | 7 17 | 6 23 |
| T 4 | 5 46 | 21 45 | 0 47 | 0 41 | 1 17 | 9 24 | 0 53 | 17 2 | 1 10 | 17 38 | 0 21 | 22 7 | 1 12 | 20 7 | 0 14 | 21 48 | 0 53 | 14 56 | 8 24 | 19 5 | 19 16 | 0 53 | 7 16 | 6 23 |
| W 5 | 6 8 | 17 23 | 0s27 | 0 18 | 1 1 | 9 52 | 0 51 | 16 49 | 1 11 | 17 35 | 0 21 | 22 7 | 1 12 | 20 7 | 0 14 | 21 48 | 0 53 | 14 56 | 8 24 | 19 5 | 19 17 | 0 50 | 7 15 | 6 24 |
| T 6 | 6 31 | 11 55 | 1 41 | 0s 3 | 0 45 | 10 20 | 0 50 | 16 37 | 1 12 | 17 33 | 0 21 | 22 7 | 1 12 | 20 7 | 0 14 | 21 48 | 0 53 | 14 56 | 8 23 | 19 6 | 19 18 | 0 46 | 7 13 | 6 24 |
| F 7 | 6 54 | 5 40 | 2 50 | 0 22 | 0 30 | 10 48 | 0 47 | 16 24 | 1 13 | 17 30 | 0 21 | 22 7 | 1 12 | 20 6 | 0 14 | 21 48 | 0 53 | 14 56 | 8 23 | 19 7 | 19 19 | 0 43 | 7 12 | 6 24 |
| S 8 | 7 16 | 1s 0 | 3 49 | 0 38 | 0 14 | 11 16 | 0 45 | 16 11 | 1 13 | 17 28 | 0 22 | 22 7 | 1 12 | 20 6 | 0 14 | 21 48 | 0 53 | 14 56 | 8 23 | 19 8 | 19 19 | 0 40 | 7 11 | 6 25 |
| S 9 | 7 39 | 7 39 | 4 32 | 0 52 | 0s 0 | 11 43 | 0 43 | 15 58 | 1 14 | 17 26 | 0 22 | 22 6 | 1 12 | 20 6 | 0 14 | 21 48 | 0 53 | 14 57 | 8 23 | 19 10 | 19 20 | 0 37 | 7 9 | 6 25 |
| M10 | 8 1 | 13 52 | 4 57 | 1 3 | 0 15 | 12 10 | 0 41 | 15 45 | 1 15 | 17 23 | 0 22 | 22 6 | 1 12 | 20 5 | 0 14 | 21 48 | 0 53 | 14 57 | 8 23 | 19 13 | 19 21 | 0 34 | 7 8 | 6 25 |
| T 11 | 8 23 | 19 10 | 5 0 | 1 11 | 0 28 | 12 37 | 0 39 | 15 31 | 1 16 | 17 21 | 0 22 | 22 6 | 1 12 | 20 5 | 0 14 | 21 48 | 0 53 | 14 57 | 8 22 | 19 15 | 19 22 | 0 31 | 7 7 | 6 26 |
| W12 | 8 45 | 23 11 | 4 43 | 1 17 | 0 41 | 13 4 | 0 37 | 15 18 | 1 17 | 17 18 | 0 22 | 22 6 | 1 12 | 20 5 | 0 14 | 21 48 | 0 53 | 14 57 | 8 22 | 19 18 | 19 22 | 0 27 | 7 5 | 6 26 |
| T 13 | 9 7 | 25 39 | 4 10 | 1 20 | 0 54 | 13 30 | 0 35 | 15 4 | 1 18 | 17 16 | 0 22 | 22 6 | 1 12 | 20 4 | 0 14 | 21 48 | 0 53 | 14 58 | 8 22 | 19 20 | 19 23 | 0 24 | 7 4 | 6 26 |
| F 14 | 9 29 | 26 29 | 3 23 | 1 21 | 1 6 | 13 56 | 0 32 | 14 51 | 1 19 | 17 14 | 0 22 | 22 6 | 1 12 | 20 4 | 0 14 | 21 48 | 0 53 | 14 58 | 8 22 | 19 21 | 19 24 | 0 21 | 7 3 | 6 27 |
| S 15 | 9 50 | 25 45 | 2 26 | 1 20 | 1 17 | 14 22 | 0 30 | 14 37 | 1 20 | 17 12 | 0 23 | 22 6 | 1 13 | 20 4 | 0 14 | 21 48 | 0 53 | 14 58 | 8 22 | 19 22 | 19 25 | 0 18 | 7 1 | 6 27 |
| S 16 | 10 11 | 23 40 | 1 24 | 1 16 | 1 28 | 14 47 | 0 28 | 14 23 | 1 20 | 17 9 | 0 23 | 22 6 | 1 13 | 20 3 | 0 14 | 21 48 | 0 52 | 14 58 | 8 21 | 19 22 | 19 25 | 0 15 | 7 0 | 6 27 |
| M17 | 10 33 | 20 30 | 0 20 | 1 10 | 1 38 | 15 12 | 0 25 | 14 8 | 1 21 | 17 7 | 0 23 | 22 6 | 1 13 | 20 3 | 0 14 | 21 48 | 0 52 | 14 59 | 8 21 | 19 22 | 19 26 | 0 12 | 6 59 | 6 28 |
| T 18 | 10 54 | 16 31 | 0n44 | 1 2 | 1 47 | 15 36 | 0 23 | 13 54 | 1 22 | 17 5 | 0 23 | 22 6 | 1 13 | 20 2 | 0 14 | 21 48 | 0 52 | 14 59 | 8 21 | 19 22 | 19 27 | 0 8 | 6 58 | 6 28 |
| W19 | 11 14 | 11 57 | 1 45 | 0 52 | 1 56 | 16 0 | 0 20 | 13 40 | 1 23 | 17 3 | 0 23 | 22 6 | 1 13 | 20 2 | 0 14 | 21 48 | 0 52 | 14 59 | 8 21 | 19 23 | 19 27 | 0 5 | 6 57 | 6 28 |
| T 20 | 11 35 | 6 59 | 2 41 | 0 40 | 2 4 | 16 24 | 0 18 | 13 25 | 1 24 | 17 1 | 0 23 | 22 6 | 1 13 | 20 2 | 0 14 | 21 48 | 0 52 | 14 59 | 8 21 | 19 23 | 19 28 | 0 2 | 6 55 | 6 29 |
| F 21 | 11 56 | 1 48 | 3 30 | 0 26 | 2 11 | 16 47 | 0 16 | 13 11 | 1 25 | 16 59 | 0 24 | 22 6 | 1 13 | 20 1 | 0 14 | 21 48 | 0 52 | 14 59 | 8 20 | 19 25 | 19 29 | 0n 1 | 6 54 | 6 29 |
| S 22 | 12 16 | 3n28 | 4 10 | 0 10 | 2 18 | 17 10 | 0 13 | 12 56 | 1 26 | 16 57 | 0 24 | 22 6 | 1 13 | 20 1 | 0 14 | 21 48 | 0 52 | 15 0 | 8 20 | 19 27 | 19 30 | 0 4 | 6 53 | 6 29 |
| S 23 | 12 36 | 8 38 | 4 39 | 0n 7 | 2 24 | 17 33 | 0 11 | 12 41 | 1 26 | 16 55 | 0 24 | 22 6 | 1 13 | 20 0 | 0 14 | 21 48 | 0 52 | 15 0 | 8 20 | 19 29 | 19 30 | 0 7 | 6 52 | 6 30 |
| M24 | 12 56 | 13 32 | 4 56 | 0 26 | 2 29 | 17 54 | 0 8 | 12 26 | 1 27 | 16 53 | 0 24 | 22 6 | 1 13 | 20 0 | 0 14 | 21 48 | 0 52 | 15 0 | 8 20 | 19 32 | 19 31 | 0 11 | 6 51 | 6 30 |
| T 25 | 13 15 | 17 58 | 4 59 | 0 47 | 2 34 | 18 16 | 0 6 | 12 11 | 1 28 | 16 51 | 0 24 | 22 6 | 1 13 | 19 59 | 0 14 | 21 48 | 0 52 | 15 0 | 8 20 | 19 35 | 19 32 | 0 14 | 6 50 | 6 30 |
| W26 | 13 35 | 21 41 | 4 49 | 1 9 | 2 38 | 18 37 | 0 3 | 11 56 | 1 29 | 16 49 | 0 25 | 22 6 | 1 13 | 19 59 | 0 14 | 21 48 | 0 52 | 15 0 | 8 19 | 19 39 | 19 33 | 0 17 | 6 48 | 6 31 |
| T 27 | 13 54 | 24 28 | 4 24 | 1 33 | 2 42 | 18 57 | 0 0 | 11 41 | 1 30 | 16 47 | 0 25 | 22 6 | 1 13 | 19 58 | 0 14 | 21 48 | 0 52 | 15 1 | 8 19 | 19 41 | 19 33 | 0 20 | 6 47 | 6 31 |
| F 28 | 14 13 | 26 3 | 3 47 | 1 58 | 2 45 | 19 17 | 0n 2 | 11 26 | 1 31 | 16 46 | 0 25 | 22 6 | 1 13 | 19 58 | 0 14 | 21 48 | 0 52 | 15 1 | 8 19 | 19 43 | 19 34 | 0 23 | 6 46 | 6 31 |
| S 29 | 14 32 | 26 16 | 2 57 | 2 25 | 2 47 | 19 37 | 0 5 | 11 10 | 1 31 | 16 44 | 0 25 | 22 6 | 1 13 | 19 58 | 0 14 | 21 47 | 0 52 | 15 1 | 8 19 | 19 45 | 19 35 | 0 26 | 6 45 | 6 32 |
| S 30 | 14n50 | 25n 2 | 1n57 | 2n52 | 2s49 | 19n56 | 0n 7 | 10s55 | 1s32 | 16s42 | 0s25 | 22s 6 | 1n13 | 19s57 | 0n14 | 21n47 | 0s52 | 15n 1 | 8s19 | 19s46 | 19s35 | 0n29 | 6s44 | 6n32 |

Julian Day Number = 2597732.5, Delta T = 08m40s
Ecliptic obliquity = 23°23'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'09, Lahiri = 29°27'10


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## MAY 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 37 28 | 11♉ 8'36 | 22♋16 | 15♈11 | 29♉52 | 6♓13 | 15♒ 6 | 4°R17 | 0°R19 | 14♋ 3 | 26♊ 3 | 1°R34 | 2♒19 | 22♓13 | 25♒49 | M 1 |
| T 2 | 14 41 24 | 12° 7'03 | 5♌51 | 16°31 | 1♊ 5 | 6°58 | 15°12 | 4♑15 | 0♐17 | 14° 5 | 26° 4 | 1♒34 | 2°16 | 22°20 | 25°51 | T 2 |
| W 3 | 14 45 21 | 13° 5'27 | 19°43 | 17°54 | 2°19 | 7°42 | 15°18 | 4°14 | 0°15 | 14° 6 | 26° 5 | 1°34 | 2°12 | 22°27 | 25°53 | W 3 |
| T 4 | 14 49 18 | 14° 3'49 | 3♍51 | 19°18 | 3°32 | 8°26 | 15°23 | 4°12 | 0°12 | 14° 7 | 26° 6 | 1°33 | 2° 9 | 22°33 | 25°54 | T 4 |
| F 5 | 14 53 14 | 15° 2'09 | 18°16 | 20°45 | 4°46 | 9°11 | 15°29 | 4°10 | 0°10 | 14° 8 | 26° 7 | 1°29 | 2° 6 | 22°40 | 25°56 | F 5 |
| S 6 | 14 57 11 | 16° 0'27 | 2♎55 | 22°13 | 5°59 | 9°55 | 15°34 | 4° 7 | 0° 7 | 14°10 | 26° 8 | 1°23 | 2° 3 | 22°47 | 25°58 | S 6 |
| S 7 | 15 1 7 | 16°58'43 | 17°42 | 23°43 | 7°13 | 10°39 | 15°40 | 4° 5 | 0° 5 | 14°11 | 26° 9 | 1°15 | 2° 0 | 22°53 | 26° 0 | S 7 |
| M 8 | 15 5 4 | 17°56'57 | 2♏30 | 25°15 | 8°26 | 11°23 | 15°45 | 4° 3 | 0° 3 | 14°13 | 26°11 | 1° 5 | 1°57 | 23° 0 | 26° 1 | M 8 |
| T 9 | 15 9 0 | 18°55'09 | 17°11 | 26°50 | 9°40 | 12° 8 | 15°49 | 4° 1 | 0° 0 | 14°14 | 26°12 | 0°54 | 1°53 | 23° 7 | 26° 3 | T 9 |
| W10 | 15 12 57 | 19°53'20 | 1♐36 | 28°26 | 10°53 | 12°52 | 15°54 | 3°58 | 29♏58 | 14°15 | 26°13 | 0°44 | 1°50 | 23°14 | 26° 4 | W10 |
| T 11 | 15 16 53 | 20°51'29 | 15°40 | 0♑ 4 | 12° 6 | 13°36 | 15°59 | 3°56 | 29°55 | 14°17 | 26°14 | 0°36 | 1°47 | 23°20 | 26° 5 | T 11 |
| F 12 | 15 20 50 | 21°49'37 | 29°18 | 1°44 | 13°20 | 14°20 | 16° 3 | 3°53 | 29°53 | 14°18 | 26°15 | 0°29 | 1°44 | 23°27 | 26° 7 | F 12 |
| S 13 | 15 24 47 | 22°47'43 | 12♑31 | 3°25 | 14°33 | 15° 5 | 16° 7 | 3°50 | 29°50 | 14°20 | 26°16 | 0°26 | 1°41 | 23°34 | 26° 8 | S 13 |
| S 14 | 15 28 43 | 23°45'47 | 25°18 | 5° 9 | 15°46 | 15°49 | 16°11 | 3°47 | 29°48 | 14°21 | 26°18 | 0°D24 | 1°38 | 23°40 | 26° 9 | S 14 |
| M15 | 15 32 40 | 24°43'50 | 7♒44 | 6°55 | 16°59 | 16°33 | 16°15 | 3°45 | 29°45 | 14°23 | 26°19 | 0°24 | 1°34 | 23°47 | 26°10 | M15 |
| T 16 | 15 36 36 | 25°41'52 | 19°54 | 8°42 | 18°12 | 17°17 | 16°19 | 3°42 | 29°43 | 14°25 | 26°20 | 0°R25 | 1°31 | 23°54 | 26°11 | T 16 |
| W17 | 15 40 33 | 26°39'52 | 1♓51 | 10°32 | 19°26 | 18° 1 | 16°22 | 3°39 | 29°40 | 14°26 | 26°21 | 0°25 | 1°28 | 24° 0 | 26°12 | W17 |
| T 18 | 15 44 29 | 27°37'51 | 13°43 | 12°23 | 20°39 | 18°46 | 16°25 | 3°35 | 29°38 | 14°28 | 26°22 | 0°24 | 1°25 | 24° 7 | 26°13 | T 18 |
| F 19 | 15 48 26 | 28°35'49 | 25°33 | 14°17 | 21°52 | 19°30 | 16°28 | 3°32 | 29°35 | 14°29 | 26°24 | 0°20 | 1°22 | 24°14 | 26°14 | F 19 |
| S 20 | 15 52 22 | 29°33'46 | 7♈26 | 16°12 | 23° 5 | 20°14 | 16°31 | 3°29 | 29°33 | 14°31 | 26°25 | 0°14 | 1°18 | 24°20 | 26°15 | S 20 |
| S 21 | 15 56 19 | 0♊31'41 | 19°27 | 18° 9 | 24°18 | 20°58 | 16°34 | 3°26 | 29°30 | 14°33 | 26°26 | 0° 6 | 1°15 | 24°27 | 26°16 | S 21 |
| M22 | 16 0 16 | 1°29'35 | 1♉37 | 20° 8 | 25°31 | 21°42 | 16°37 | 3°22 | 29°28 | 14°35 | 26°28 | 29♑56 | 1°12 | 24°34 | 26°16 | M22 |
| T 23 | 16 4 12 | 2°27'27 | 14° 1 | 22° 9 | 26°44 | 22°26 | 16°39 | 3°19 | 29°25 | 14°36 | 26°29 | 29°46 | 1° 9 | 24°41 | 26°17 | T 23 |
| W24 | 16 8 9 | 3°25'18 | 26°37 | 24°11 | 27°57 | 23°10 | 16°41 | 3°16 | 29°23 | 14°38 | 26°30 | 29°36 | 1° 6 | 24°47 | 26°17 | W24 |
| T 25 | 16 12 5 | 4°23'08 | 9♊27 | 26°15 | 29° 9 | 23°54 | 16°43 | 3°12 | 29°20 | 14°40 | 26°31 | 29°27 | 1° 3 | 24°54 | 26°18 | T 25 |
| F 26 | 16 16 2 | 5°20'57 | 22°29 | 28°21 | 0♋22 | 24°38 | 16°45 | 3° 8 | 29°18 | 14°42 | 26°33 | 29°20 | 0°59 | 25° 1 | 26°18 | F 26 |
| S 27 | 16 19 58 | 6°18'44 | 5♋44 | 0♊28 | 1°35 | 25°22 | 16°47 | 3° 5 | 29°15 | 14°43 | 26°34 | 29°15 | 0°56 | 25° 7 | 26°18 | S 27 |
| S 28 | 16 23 55 | 7°16'30 | 19°10 | 2°37 | 2°48 | 26° 6 | 16°48 | 3° 1 | 29°13 | 14°45 | 26°35 | 29°12 | 0°53 | 25°14 | 26°19 | S 28 |
| M29 | 16 27 51 | 8°14'14 | 2♌47 | 4°47 | 4° 1 | 26°50 | 16°49 | 2°57 | 29°10 | 14°47 | 26°37 | 29°D12 | 0°50 | 25°21 | 26°19 | M29 |
| T 30 | 16 31 48 | 9°11'56 | 16°34 | 6°57 | 5°13 | 27°33 | 16°50 | 2°53 | 29° 8 | 14°49 | 26°38 | 29°13 | 0°47 | 25°27 | 26°19 | T 30 |
| W31 | 16 35 45 | 10♊ 9'37 | 0♍31 | 9♊ 9 | 6♋26 | 28♓17 | 16♒51 | 2♑50 | 29♏ 5 | 14♋51 | 26♊39 | 29♑14 | 0♒44 | 25♓34 | 26°R19 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n 8 | 22n21 | 0n49 | 3n21 | 2s50 | 20n14 | 0n10 | 10s39 | 1s33 | 16s41 | 0s25 | 22s 6 | 1n13 | 19s57 | 0n14 | 21n47 | 0s52 | 15n 1 | 8s18 | 19s46 | 19s36 | 0n33 | 6s43 | 6n33 |
| T 2 | 15 26 | 18 24 | 0s23 | 3 51 | 2 50 | 20 32 | 0 13 | 10 23 | 1 34 | 16 39 | 0 26 | 22 6 | 1 13 | 19 56 | 0 14 | 21 47 | 0 52 | 15 2 | 8 18 | 19 46 | 19 37 | 0 36 | 6 42 | 6 33 |
| W 3 | 15 44 | 13 23 | 1 34 | 4 23 | 2 51 | 20 50 | 0 15 | 10 8 | 1 35 | 16 38 | 0 26 | 22 6 | 1 13 | 19 56 | 0 14 | 21 47 | 0 52 | 15 2 | 8 18 | 19 46 | 19 38 | 0 39 | 6 41 | 6 33 |
| T 4 | 16 2 | 7 33 | 2 42 | 4 55 | 2 50 | 21 6 | 0 18 | 9 52 | 1 36 | 16 36 | 0 26 | 22 6 | 1 13 | 19 55 | 0 14 | 21 47 | 0 52 | 15 2 | 8 18 | 19 46 | 19 38 | 0 42 | 6 40 | 6 34 |
| F 5 | 16 19 | 1 15 | 3 40 | 5 28 | 2 49 | 21 23 | 0 20 | 9 36 | 1 36 | 16 35 | 0 26 | 22 6 | 1 13 | 19 55 | 0 14 | 21 47 | 0 52 | 15 2 | 8 18 | 19 47 | 19 39 | 0 45 | 6 39 | 6 34 |
| S 6 | 16 36 | 5s13 | 4 25 | 6 3 | 2 47 | 21 38 | 0 23 | 9 20 | 1 37 | 16 33 | 0 26 | 22 6 | 1 13 | 19 54 | 0 14 | 21 47 | 0 52 | 15 2 | 8 18 | 19 48 | 19 40 | 0 48 | 6 38 | 6 35 |
| S 7 | 16 52 | 11 27 | 4 53 | 6 38 | 2 45 | 21 53 | 0 26 | 9 4 | 1 38 | 16 32 | 0 27 | 22 6 | 1 13 | 19 54 | 0 14 | 21 47 | 0 52 | 15 3 | 8 18 | 19 50 | 19 40 | 0 51 | 6 37 | 6 35 |
| M 8 | 17 9 | 17 2 | 5 1 | 7 14 | 2 42 | 22 8 | 0 28 | 8 48 | 1 39 | 16 31 | 0 27 | 22 6 | 1 13 | 19 53 | 0 14 | 21 47 | 0 52 | 15 3 | 8 17 | 19 53 | 19 41 | 0 55 | 6 36 | 6 35 |
| T 9 | 17 25 | 21 33 | 4 50 | 7 51 | 2 39 | 22 21 | 0 31 | 8 32 | 1 40 | 16 29 | 0 27 | 22 6 | 1 13 | 19 53 | 0 14 | 21 46 | 0 52 | 15 3 | 8 17 | 19 55 | 19 42 | 0 58 | 6 36 | 6 36 |
| W10 | 17 40 | 24 40 | 4 19 | 8 29 | 2 35 | 22 35 | 0 33 | 8 16 | 1 40 | 16 28 | 0 27 | 22 6 | 1 13 | 19 52 | 0 14 | 21 46 | 0 52 | 15 3 | 8 17 | 19 57 | 19 43 | 1 1 | 6 35 | 6 36 |
| T 11 | 17 56 | 26 10 | 3 34 | 9 7 | 2 31 | 22 47 | 0 36 | 7 59 | 1 41 | 16 27 | 0 27 | 22 7 | 1 13 | 19 52 | 0 14 | 21 46 | 0 52 | 15 3 | 8 17 | 19 59 | 19 43 | 1 4 | 6 34 | 6 37 |
| F 12 | 18 11 | 26 0 | 2 37 | 9 46 | 2 26 | 22 59 | 0 38 | 7 43 | 1 42 | 16 26 | 0 28 | 22 7 | 1 13 | 19 51 | 0 14 | 21 46 | 0 52 | 15 4 | 8 17 | 20 0 | 19 44 | 1 7 | 6 33 | 6 37 |
| S 13 | 18 26 | 24 21 | 1 34 | 10 26 | 2 20 | 23 10 | 0 41 | 7 27 | 1 43 | 16 25 | 0 28 | 22 7 | 1 13 | 19 51 | 0 14 | 21 46 | 0 52 | 15 4 | 8 17 | 20 1 | 19 45 | 1 10 | 6 32 | 6 37 |
| S 14 | 18 40 | 21 29 | 0 27 | 11 6 | 2 14 | 23 21 | 0 43 | 7 10 | 1 43 | 16 24 | 0 28 | 22 7 | 1 13 | 19 50 | 0 14 | 21 46 | 0 51 | 15 4 | 8 16 | 20 1 | 19 45 | 1 13 | 6 32 | 6 38 |
| M15 | 18 55 | 17 40 | 0n39 | 11 47 | 2 8 | 23 31 | 0 46 | 6 54 | 1 44 | 16 23 | 0 28 | 22 7 | 1 13 | 19 50 | 0 14 | 21 46 | 0 51 | 15 4 | 8 16 | 20 1 | 19 46 | 1 17 | 6 31 | 6 38 |
| T 16 | 19 9 | 13 12 | 1 42 | 12 28 | 2 1 | 23 40 | 0 48 | 6 37 | 1 45 | 16 22 | 0 28 | 22 7 | 1 13 | 19 49 | 0 14 | 21 46 | 0 51 | 15 4 | 8 16 | 20 1 | 19 47 | 1 20 | 6 30 | 6 39 |
| W17 | 19 22 | 8 18 | 2 39 | 13 9 | 1 54 | 23 49 | 0 51 | 6 21 | 1 46 | 16 21 | 0 29 | 22 7 | 1 13 | 19 48 | 0 14 | 21 45 | 0 51 | 15 4 | 8 16 | 20 1 | 19 47 | 1 23 | 6 29 | 6 39 |
| T 18 | 19 35 | 3 10 | 3 30 | 13 50 | 1 46 | 23 57 | 0 53 | 6 4 | 1 46 | 16 20 | 0 29 | 22 7 | 1 13 | 19 48 | 0 14 | 21 45 | 0 51 | 15 5 | 8 16 | 20 1 | 19 48 | 1 26 | 6 29 | 6 39 |
| F 19 | 19 48 | 2n 4 | 4 10 | 14 32 | 1 38 | 24 4 | 0 56 | 5 48 | 1 47 | 16 20 | 0 29 | 22 7 | 1 13 | 19 47 | 0 14 | 21 45 | 0 51 | 15 5 | 8 16 | 20 2 | 19 49 | 1 29 | 6 28 | 6 40 |
| S 20 | 20 1 | 7 15 | 4 41 | 15 13 | 1 29 | 24 10 | 0 58 | 5 31 | 1 48 | 16 19 | 0 29 | 22 7 | 1 13 | 19 47 | 0 14 | 21 45 | 0 51 | 15 5 | 8 16 | 20 3 | 19 50 | 1 32 | 6 27 | 6 40 |
| S 21 | 20 13 | 12 12 | 4 59 | 15 55 | 1 20 | 24 16 | 1 0 | 5 14 | 1 49 | 16 18 | 0 29 | 22 7 | 1 13 | 19 46 | 0 14 | 21 45 | 0 51 | 15 5 | 8 16 | 20 5 | 19 50 | 1 35 | 6 27 | 6 41 |
| M22 | 20 25 | 16 46 | 5 4 | 16 36 | 1 11 | 24 21 | 1 3 | 4 58 | 1 49 | 16 18 | 0 30 | 22 7 | 1 13 | 19 46 | 0 14 | 21 45 | 0 51 | 15 5 | 8 15 | 20 7 | 19 51 | 1 38 | 6 26 | 6 41 |
| T 23 | 20 36 | 20 42 | 4 55 | 17 17 | 1 1 | 24 26 | 1 5 | 4 41 | 1 50 | 16 17 | 0 30 | 22 7 | 1 13 | 19 45 | 0 14 | 21 44 | 0 51 | 15 5 | 8 15 | 20 9 | 19 52 | 1 42 | 6 25 | 6 42 |
| W24 | 20 48 | 23 45 | 4 32 | 17 57 | 0 51 | 24 29 | 1 7 | 4 24 | 1 51 | 16 17 | 0 30 | 22 8 | 1 13 | 19 45 | 0 14 | 21 44 | 0 51 | 15 6 | 8 15 | 20 12 | 19 52 | 1 45 | 6 25 | 6 42 |
| T 25 | 20 58 | 25 40 | 3 54 | 18 36 | 0 41 | 24 32 | 1 9 | 4 7 | 1 52 | 16 16 | 0 30 | 22 8 | 1 13 | 19 44 | 0 14 | 21 44 | 0 51 | 15 6 | 8 15 | 20 13 | 19 53 | 1 48 | 6 24 | 6 42 |
| F 26 | 21 9 | 26 14 | 3 4 | 19 15 | 0 31 | 24 35 | 1 11 | 3 51 | 1 52 | 16 16 | 0 30 | 22 8 | 1 13 | 19 44 | 0 14 | 21 44 | 0 51 | 15 6 | 8 15 | 20 15 | 19 54 | 1 51 | 6 24 | 6 43 |
| S 27 | 21 19 | 25 18 | 2 3 | 19 53 | 0 20 | 24 36 | 1 14 | 3 34 | 1 53 | 16 16 | 0 31 | 22 8 | 1 13 | 19 43 | 0 14 | 21 44 | 0 51 | 15 6 | 8 15 | 20 16 | 19 54 | 1 54 | 6 23 | 6 43 |
| S 28 | 21 29 | 22 54 | 0 54 | 20 29 | 0 10 | 24 37 | 1 16 | 3 17 | 1 54 | 16 15 | 0 31 | 22 8 | 1 13 | 19 43 | 0 14 | 21 44 | 0 51 | 15 6 | 8 15 | 20 16 | 19 55 | 1 57 | 6 23 | 6 44 |
| M29 | 21 38 | 19 11 | 0s19 | 21 4 | 0n 1 | 24 37 | 1 18 | 3 0 | 1 54 | 16 15 | 0 31 | 22 8 | 1 13 | 19 42 | 0 14 | 21 43 | 0 51 | 15 6 | 8 15 | 20 16 | 19 56 | 2 0 | 6 22 | 6 44 |
| T 30 | 21 47 | 14 22 | 1 32 | 21 37 | 0 11 | 24 37 | 1 20 | 2 44 | 1 55 | 16 15 | 0 31 | 22 8 | 1 13 | 19 42 | 0 14 | 21 43 | 0 51 | 15 6 | 8 15 | 20 16 | 19 56 | 2 3 | 6 22 | 6 44 |
| W31 | 21n56 | 8n46 | 2s40 | 22n 8 | 0n22 | 24n35 | 1n21 | 2s27 | 1s56 | 16s15 | 0s32 | 22s 8 | 1n13 | 19s41 | 0n14 | 21n43 | 0s51 | 15n 6 | 8s14 | 20s16 | 19s57 | 2n 7 | 6s22 | 6n45 |

Julian Day Number = 2597762.5, Delta T = 08m40s
Ecliptic obliquity = 23°23'19, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'13, Lahiri = 29°27'15


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## JUNE 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 39 41 | 11♊ 7'17 | 14♍37 | 11♊20 | 7♋38 | 29♓ 1 | 16♒52 | 2°R46 | 29°R 3 | 14♋53 | 26♊41 | 29°R14 | 0♒40 | 25♓41 | 26°R19 | T 1 |
| F 2 | 16 43 38 | 12° 4'54 | 28°51 | 13°32 | 8°51 | 29°44 | 16°52 | 2♑42 | 29♏ 0 | 14°55 | 26°42 | 29♑13 | 0°37 | 25°48 | 26♒19 | F 2 |
| S 3 | 16 47 34 | 13° 2'31 | 13♎11 | 15°44 | 10° 4 | 0♈28 | 16°53 | 2°38 | 28°58 | 14°57 | 26°44 | 29°10 | 0°34 | 25°54 | 26°19 | S 3 |
| S 4 | 16 51 31 | 14° 0'06 | 27°34 | 17°56 | 11°16 | 1°12 | 16°R53 | 2°34 | 28°55 | 14°59 | 26°45 | 29° 5 | 0°31 | 26° 1 | 26°18 | S 4 |
| M 5 | 16 55 27 | 14°57'39 | 11♏55 | 20° 7 | 12°28 | 1°55 | 16°53 | 2°30 | 28°53 | 15° 1 | 26°46 | 28°59 | 0°28 | 26° 8 | 26°18 | M 5 |
| T 6 | 16 59 24 | 15°55'12 | 26°10 | 22°17 | 13°41 | 2°39 | 16°52 | 2°26 | 28°51 | 15° 3 | 26°48 | 28°52 | 0°24 | 26°14 | 26°18 | T 6 |
| W 7 | 17 3 20 | 16°52'43 | 10♐12 | 24°25 | 14°53 | 3°22 | 16°52 | 2°21 | 28°48 | 15° 5 | 26°49 | 28°45 | 0°21 | 26°21 | 26°17 | W 7 |
| T 8 | 17 7 17 | 17°50'13 | 23°57 | 26°33 | 16° 6 | 4° 6 | 16°51 | 2°17 | 28°46 | 15° 7 | 26°50 | 28°40 | 0°18 | 26°28 | 26°17 | T 8 |
| F 9 | 17 11 14 | 18°47'42 | 7♑22 | 28°39 | 17°18 | 4°49 | 16°51 | 2°13 | 28°44 | 15° 9 | 26°52 | 28°36 | 0°15 | 26°34 | 26°16 | F 9 |
| S 10 | 17 15 10 | 19°45'10 | 20°27 | 0♋43 | 18°30 | 5°32 | 16°49 | 2° 9 | 28°41 | 15°11 | 26°53 | 28°35 | 0°12 | 26°41 | 26°16 | S 10 |
| S 11 | 17 19 7 | 20°42'38 | 3♒11 | 2°45 | 19°42 | 6°16 | 16°48 | 2° 4 | 28°39 | 15°13 | 26°55 | 28°D34 | 0° 9 | 26°48 | 26°15 | S 11 |
| M12 | 17 23 3 | 21°40'04 | 15°37 | 4°45 | 20°54 | 6°59 | 16°47 | 2° 0 | 28°37 | 15°15 | 26°56 | 28°35 | 0° 5 | 26°55 | 26°14 | M12 |
| T 13 | 17 27 0 | 22°37'30 | 27°47 | 6°43 | 22° 6 | 7°42 | 16°45 | 1°56 | 28°35 | 15°17 | 26°57 | 28°37 | 0° 2 | 27° 1 | 26°13 | T 13 |
| W14 | 17 30 56 | 23°34'56 | 9♓47 | 8°39 | 23°19 | 8°25 | 16°43 | 1°52 | 28°32 | 15°19 | 26°59 | 28°39 | 29♑59 | 27° 8 | 26°12 | W14 |
| T 15 | 17 34 53 | 24°32'20 | 21°40 | 10°32 | 24°31 | 9° 8 | 16°41 | 1°47 | 28°30 | 15°21 | 27° 0 | 28°R39 | 29°56 | 27°15 | 26°11 | T 15 |
| F 16 | 17 38 49 | 25°29'44 | 3♈32 | 12°23 | 25°42 | 9°51 | 16°39 | 1°43 | 28°28 | 15°23 | 27° 2 | 28°39 | 29°53 | 27°21 | 26°10 | F 16 |
| S 17 | 17 42 46 | 26°27'08 | 15°28 | 14°11 | 26°54 | 10°34 | 16°37 | 1°38 | 28°26 | 15°25 | 27° 3 | 28°37 | 29°50 | 27°28 | 26° 9 | S 17 |
| S 18 | 17 46 43 | 27°24'31 | 27°31 | 15°57 | 28° 6 | 11°17 | 16°34 | 1°34 | 28°24 | 15°27 | 27° 4 | 28°34 | 29°46 | 27°35 | 26° 8 | S 18 |
| M19 | 17 50 39 | 28°21'53 | 9♉46 | 17°41 | 29°18 | 12° 0 | 16°32 | 1°30 | 28°22 | 15°30 | 27° 6 | 28°30 | 29°43 | 27°41 | 26° 7 | M19 |
| T 20 | 17 54 36 | 29°19'15 | 22°17 | 19°22 | 0♌30 | 12°43 | 16°29 | 1°25 | 28°20 | 15°32 | 27° 7 | 28°26 | 29°40 | 27°48 | 26° 6 | T 20 |
| W21 | 17 58 32 | 0♋16'37 | 5♊ 4 | 21° 0 | 1°42 | 13°25 | 16°26 | 1°21 | 28°18 | 15°34 | 27° 9 | 28°21 | 29°37 | 27°55 | 26° 4 | W21 |
| T 22 | 18 2 29 | 1°13'58 | 18° 9 | 22°36 | 2°53 | 14° 8 | 16°22 | 1°16 | 28°16 | 15°36 | 27°10 | 28°17 | 29°34 | 28° 2 | 26° 3 | T 22 |
| F 23 | 18 6 25 | 2°11'19 | 1♋31 | 24° 9 | 4° 5 | 14°50 | 16°19 | 1°12 | 28°14 | 15°38 | 27°11 | 28°14 | 29°30 | 28° 8 | 26° 2 | F 23 |
| S 24 | 18 10 22 | 3° 8'39 | 15° 9 | 25°40 | 5°17 | 15°33 | 16°15 | 1° 7 | 28°12 | 15°41 | 27°13 | 28°12 | 29°27 | 28°15 | 26° 0 | S 24 |
| S 25 | 18 14 19 | 4° 5'58 | 29° 0 | 27° 8 | 6°28 | 16°15 | 16°12 | 1° 3 | 28°10 | 15°43 | 27°14 | 28°D12 | 29°24 | 28°22 | 25°59 | S 25 |
| M26 | 18 18 15 | 5° 3'17 | 13♌ 2 | 28°33 | 7°40 | 16°58 | 16° 8 | 0°59 | 28° 8 | 15°45 | 27°16 | 28°12 | 29°21 | 28°28 | 25°57 | M26 |
| T 27 | 18 22 12 | 6° 0'35 | 27°11 | 29°56 | 8°51 | 17°40 | 16° 4 | 0°54 | 28° 6 | 15°47 | 27°17 | 28°14 | 29°18 | 28°35 | 25°55 | T 27 |
| W28 | 18 26 8 | 6°57'52 | 11♍24 | 1♌16 | 10° 3 | 18°22 | 15°59 | 0°50 | 28° 5 | 15°49 | 27°18 | 28°15 | 29°15 | 28°42 | 25°53 | W28 |
| T 29 | 18 30 5 | 7°55'09 | 25°39 | 2°33 | 11°14 | 19° 4 | 15°55 | 0°45 | 28° 3 | 15°52 | 27°20 | 28°16 | 29°11 | 28°48 | 25°52 | T 29 |
| F 30 | 18 34 1 | 8♋52'24 | 9♎53 | 3♌47 | 12♌25 | 19♈46 | 15♒50 | 0♑41 | 28♏ 1 | 15♋54 | 27♊21 | 28°R16 | 29♑ 8 | 28♓55 | 25♒50 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 4 | 2n40 | 3s40 | 22n37 | 0n32 | 24n33 | 1n23 | 2s10 | 1s56 | 16s15 | 0s32 | 22s 8 | 1n13 | 19s41 | 0n14 | 21n43 | 0s51 | 15n 7 | 8s14 | 20s16 | 19s58 | 2n10 | 6s21 | 6n45 |
| F 2 | 22 12 | 3s37 | 4 26 | 23 4 | 0 42 | 24 31 | 1 25 | 1 53 | 1 57 | 16 15 | 0 32 | 22 8 | 1 13 | 19 40 | 0 14 | 21 43 | 0 51 | 15 7 | 8 14 | 20 16 | 19 59 | 2 13 | 6 21 | 6 46 |
| S 3 | 22 19 | 9 45 | 4 56 | 23 29 | 0 52 | 24 27 | 1 27 | 1 37 | 1 58 | 16 15 | 0 32 | 22 9 | 1 13 | 19 40 | 0 14 | 21 43 | 0 51 | 15 7 | 8 14 | 20 17 | 19 59 | 2 16 | 6 21 | 6 46 |
| S 4 | 22 26 | 15 22 | 5 8 | 23 51 | 1 1 | 24 23 | 1 29 | 1 20 | 1 58 | 16 16 | 0 32 | 22 9 | 1 13 | 19 39 | 0 14 | 21 42 | 0 51 | 15 7 | 8 14 | 20 18 | 20 0 | 2 19 | 6 20 | 6 47 |
| M 5 | 22 33 | 20 8 | 5 0 | 24 11 | 1 10 | 24 18 | 1 30 | 1 3 | 1 59 | 16 16 | 0 33 | 22 9 | 1 13 | 19 39 | 0 14 | 21 42 | 0 51 | 15 7 | 8 14 | 20 19 | 20 1 | 2 22 | 6 20 | 6 47 |
| T 6 | 22 39 | 23 41 | 4 34 | 24 28 | 1 18 | 24 13 | 1 32 | 0 47 | 1 59 | 16 16 | 0 33 | 22 9 | 1 13 | 19 38 | 0 14 | 21 42 | 0 51 | 15 7 | 8 14 | 20 21 | 20 1 | 2 25 | 6 20 | 6 47 |
| W 7 | 22 45 | 25 45 | 3 52 | 24 42 | 1 25 | 24 7 | 1 34 | 0 30 | 2 0 | 16 16 | 0 33 | 22 9 | 1 13 | 19 38 | 0 14 | 21 42 | 0 51 | 15 7 | 8 14 | 20 22 | 20 2 | 2 28 | 6 19 | 6 48 |
| T 8 | 22 50 | 26 11 | 2 57 | 24 53 | 1 32 | 24 0 | 1 35 | 0 13 | 2 1 | 16 17 | 0 33 | 22 9 | 1 13 | 19 37 | 0 14 | 21 42 | 0 51 | 15 7 | 8 14 | 20 23 | 20 3 | 2 31 | 6 19 | 6 48 |
| F 9 | 22 55 | 25 3 | 1 53 | 25 2 | 1 39 | 23 52 | 1 36 | 0n 3 | 2 1 | 16 17 | 0 33 | 22 9 | 1 13 | 19 37 | 0 14 | 21 41 | 0 51 | 15 8 | 8 14 | 20 24 | 20 3 | 2 35 | 6 19 | 6 49 |
| S 10 | 23 0 | 22 34 | 0 44 | 25 8 | 1 44 | 23 44 | 1 38 | 0 20 | 2 2 | 16 18 | 0 34 | 22 9 | 1 13 | 19 36 | 0 14 | 21 41 | 0 51 | 15 8 | 8 14 | 20 24 | 20 4 | 2 38 | 6 19 | 6 49 |
| S 11 | 23 4 | 19 0 | 0n25 | 25 11 | 1 49 | 23 35 | 1 39 | 0 37 | 2 2 | 16 18 | 0 34 | 22 9 | 1 13 | 19 36 | 0 14 | 21 41 | 0 51 | 15 8 | 8 14 | 20 24 | 20 5 | 2 41 | 6 19 | 6 49 |
| M12 | 23 8 | 14 40 | 1 31 | 25 12 | 1 53 | 23 25 | 1 40 | 0 53 | 2 3 | 16 19 | 0 34 | 22 10 | 1 13 | 19 35 | 0 14 | 21 41 | 0 51 | 15 8 | 8 14 | 20 24 | 20 5 | 2 44 | 6 19 | 6 50 |
| T 13 | 23 11 | 9 50 | 2 32 | 25 10 | 1 57 | 23 15 | 1 42 | 1 10 | 2 3 | 16 20 | 0 34 | 22 10 | 1 13 | 19 35 | 0 14 | 21 41 | 0 51 | 15 8 | 8 13 | 20 24 | 20 6 | 2 47 | 6 19 | 6 50 |
| W14 | 23 14 | 4 42 | 3 26 | 25 6 | 1 59 | 23 4 | 1 43 | 1 26 | 2 4 | 16 20 | 0 35 | 22 10 | 1 13 | 19 34 | 0 14 | 21 40 | 0 51 | 15 8 | 8 13 | 20 23 | 20 7 | 2 50 | 6 19 | 6 50 |
| T 15 | 23 17 | 0n32 | 4 10 | 24 59 | 2 1 | 22 52 | 1 44 | 1 42 | 2 4 | 16 21 | 0 35 | 22 10 | 1 13 | 19 34 | 0 14 | 21 40 | 0 51 | 15 8 | 8 13 | 20 23 | 20 7 | 2 53 | 6 18 | 6 51 |
| F 16 | 23 19 | 5 44 | 4 43 | 24 51 | 2 2 | 22 40 | 1 45 | 1 59 | 2 5 | 16 22 | 0 35 | 22 10 | 1 13 | 19 33 | 0 14 | 21 40 | 0 51 | 15 8 | 8 13 | 20 23 | 20 8 | 2 56 | 6 18 | 6 51 |
| S 17 | 23 20 | 10 45 | 5 4 | 24 40 | 2 3 | 22 27 | 1 46 | 2 15 | 2 5 | 16 23 | 0 35 | 22 10 | 1 13 | 19 33 | 0 14 | 21 40 | 0 51 | 15 8 | 8 13 | 20 24 | 20 9 | 2 59 | 6 18 | 6 52 |
| S 18 | 23 22 | 15 25 | 5 12 | 24 28 | 2 2 | 22 14 | 1 46 | 2 31 | 2 6 | 16 24 | 0 35 | 22 10 | 1 12 | 19 32 | 0 14 | 21 39 | 0 51 | 15 8 | 8 13 | 20 24 | 20 9 | 3 2 | 6 18 | 6 52 |
| M19 | 23 23 | 19 33 | 5 6 | 24 13 | 2 1 | 22 0 | 1 47 | 2 48 | 2 6 | 16 25 | 0 36 | 22 10 | 1 12 | 19 32 | 0 14 | 21 39 | 0 51 | 15 8 | 8 13 | 20 25 | 20 10 | 3 5 | 6 19 | 6 52 |
| T 20 | 23 23 | 22 54 | 4 46 | 23 58 | 1 59 | 21 45 | 1 48 | 3 4 | 2 7 | 16 26 | 0 36 | 22 11 | 1 12 | 19 31 | 0 14 | 21 39 | 0 51 | 15 8 | 8 13 | 20 26 | 20 11 | 3 9 | 6 19 | 6 53 |
| W21 | 23 23 | 25 13 | 4 11 | 23 40 | 1 56 | 21 30 | 1 48 | 3 20 | 2 7 | 16 27 | 0 36 | 22 11 | 1 12 | 19 31 | 0 14 | 21 39 | 0 51 | 15 8 | 8 13 | 20 27 | 20 11 | 3 12 | 6 19 | 6 53 |
| T 22 | 23 23 | 26 13 | 3 22 | 23 21 | 1 53 | 21 14 | 1 49 | 3 36 | 2 8 | 16 28 | 0 36 | 22 11 | 1 12 | 19 31 | 0 14 | 21 38 | 0 51 | 15 9 | 8 13 | 20 28 | 20 12 | 3 15 | 6 19 | 6 53 |
| F 23 | 23 22 | 25 44 | 2 21 | 23 1 | 1 49 | 20 58 | 1 49 | 3 52 | 2 8 | 16 30 | 0 37 | 22 11 | 1 12 | 19 30 | 0 14 | 21 38 | 0 51 | 15 9 | 8 13 | 20 28 | 20 13 | 3 18 | 6 19 | 6 54 |
| S 24 | 23 21 | 23 42 | 1 11 | 22 40 | 1 44 | 20 41 | 1 50 | 4 8 | 2 9 | 16 31 | 0 37 | 22 11 | 1 12 | 19 30 | 0 14 | 21 38 | 0 51 | 15 9 | 8 13 | 20 29 | 20 13 | 3 21 | 6 19 | 6 54 |
| S 25 | 23 19 | 20 14 | 0s 4 | 22 18 | 1 39 | 20 23 | 1 50 | 4 23 | 2 9 | 16 32 | 0 37 | 22 11 | 1 12 | 19 29 | 0 14 | 21 38 | 0 51 | 15 9 | 8 13 | 20 29 | 20 14 | 3 24 | 6 19 | 6 54 |
| M26 | 23 18 | 15 35 | 1 21 | 21 55 | 1 33 | 20 5 | 1 50 | 4 39 | 2 10 | 16 34 | 0 37 | 22 11 | 1 12 | 19 29 | 0 14 | 21 38 | 0 50 | 15 9 | 8 13 | 20 29 | 20 15 | 3 27 | 6 20 | 6 55 |
| T 27 | 23 15 | 10 2 | 2 33 | 21 31 | 1 26 | 19 47 | 1 50 | 4 55 | 2 10 | 16 35 | 0 37 | 22 11 | 1 12 | 19 29 | 0 14 | 21 37 | 0 50 | 15 9 | 8 13 | 20 28 | 20 15 | 3 30 | 6 20 | 6 55 |
| W28 | 23 12 | 3 57 | 3 36 | 21 7 | 1 19 | 19 28 | 1 50 | 5 10 | 2 10 | 16 37 | 0 38 | 22 11 | 1 12 | 19 28 | 0 14 | 21 37 | 0 50 | 15 9 | 8 13 | 20 28 | 20 16 | 3 33 | 6 20 | 6 55 |
| T 29 | 23 9 | 2s20 | 4 26 | 20 42 | 1 11 | 19 8 | 1 50 | 5 26 | 2 11 | 16 38 | 0 38 | 22 12 | 1 12 | 19 28 | 0 13 | 21 37 | 0 50 | 15 9 | 8 13 | 20 28 | 20 17 | 3 36 | 6 20 | 6 56 |
| F 30 | 23n 6 | 8s29 | 4s59 | 20n16 | 1n 2 | 18n48 | 1n50 | 5n41 | 2s11 | 16s40 | 0s38 | 22s12 | 1n11 | 19s27 | 0n13 | 21n37 | 0s50 | 15n 9 | 8s13 | 20s28 | 20s17 | 3n39 | 6s21 | 6n56 |

Julian Day Number = 2597793.5, Delta T = 08m40s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'17, Lahiri = 29°27'19


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## JULY 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 58 | 9♋49'39 | 24♎ 4 | 4♌59 | 13♌36 | 20♈28 | 15°R45 | 0°R37 | 27°R59 | 15♋56 | 27♊23 | 28°R16 | 29♑ 5 | 29♓ 2 | 25°R48 | S 1 |
| S 2 | 18 41 54 | 10°46'54 | 8♏ 9 | 6° 7 | 14°48 | 21° 9 | 15♒40 | 0♑32 | 27♏58 | 15°58 | 27°24 | 28♑14 | 29° 2 | 29° 9 | 25♒46 | S 2 |
| M 3 | 18 45 51 | 11°44'08 | 22° 6 | 7°13 | 15°59 | 21°51 | 15°35 | 0°28 | 27°56 | 16° 0 | 27°25 | 28°13 | 28°59 | 29°15 | 25°44 | M 3 |
| T 4 | 18 49 48 | 12°41'22 | 5♐53 | 8°16 | 17°10 | 22°33 | 15°30 | 0°24 | 27°55 | 16° 3 | 27°27 | 28°11 | 28°56 | 29°22 | 25°42 | T 4 |
| W 5 | 18 53 44 | 13°38'35 | 19°28 | 9°15 | 18°21 | 23°14 | 15°25 | 0°20 | 27°53 | 16° 5 | 27°28 | 28° 9 | 28°52 | 29°29 | 25°40 | W 5 |
| T 6 | 18 57 41 | 14°35'48 | 2♑48 | 10°11 | 19°32 | 23°55 | 15°19 | 0°15 | 27°52 | 16° 7 | 27°29 | 28° 7 | 28°49 | 29°35 | 25°38 | T 6 |
| F 7 | 19 1 37 | 15°33'00 | 15°53 | 11° 4 | 20°42 | 24°37 | 15°14 | 0°11 | 27°50 | 16° 9 | 27°31 | 28° 6 | 28°46 | 29°42 | 25°35 | F 7 |
| S 8 | 19 5 34 | 16°30'13 | 28°43 | 11°53 | 21°53 | 25°18 | 15° 8 | 0° 7 | 27°49 | 16°12 | 27°32 | 28°D 6 | 28°43 | 29°49 | 25°33 | S 8 |
| S 9 | 19 9 30 | 17°27'25 | 11♒16 | 12°39 | 23° 4 | 25°59 | 15° 2 | 0° 3 | 27°47 | 16°14 | 27°33 | 28° 6 | 28°40 | 29°56 | 25°31 | S 9 |
| M10 | 19 13 27 | 18°24'37 | 23°36 | 13°21 | 24°14 | 26°40 | 14°56 | 29♐59 | 27°46 | 16°16 | 27°35 | 28° 7 | 28°36 | 0♈ 2 | 25°28 | M10 |
| T 11 | 19 17 23 | 19°21'50 | 5♓44 | 13°59 | 25°25 | 27°21 | 14°50 | 29°55 | 27°45 | 16°18 | 27°36 | 28° 8 | 28°33 | 0° 9 | 25°26 | T 11 |
| W12 | 19 21 20 | 20°19'02 | 17°43 | 14°33 | 26°36 | 28° 1 | 14°43 | 29°51 | 27°44 | 16°20 | 27°37 | 28° 9 | 28°30 | 0°16 | 25°24 | W12 |
| T 13 | 19 25 17 | 21°16'15 | 29°36 | 15° 3 | 27°46 | 28°42 | 14°37 | 29°47 | 27°43 | 16°23 | 27°39 | 28° 9 | 28°27 | 0°22 | 25°21 | T 13 |
| F 14 | 19 29 13 | 22°13'28 | 11♈29 | 15°29 | 28°56 | 29°22 | 14°30 | 29°43 | 27°41 | 16°25 | 27°40 | 28°10 | 28°24 | 0°29 | 25°19 | F 14 |
| S 15 | 19 33 10 | 23°10'42 | 23°24 | 15°51 | 0♍ 7 | 0♉ 3 | 14°24 | 29°39 | 27°40 | 16°27 | 27°41 | 28°R10 | 28°21 | 0°36 | 25°16 | S 15 |
| S 16 | 19 37 6 | 24° 7'56 | 5♉28 | 16° 8 | 1°17 | 0°43 | 14°17 | 29°35 | 27°39 | 16°29 | 27°43 | 28°10 | 28°17 | 0°42 | 25°13 | S 16 |
| M17 | 19 41 3 | 25° 5'10 | 17°44 | 16°20 | 2°27 | 1°23 | 14°10 | 29°31 | 27°38 | 16°32 | 27°44 | 28° 9 | 28°14 | 0°49 | 25°11 | M17 |
| T 18 | 19 44 59 | 26° 2'25 | 0♊17 | 16°28 | 3°37 | 2° 3 | 14° 3 | 29°28 | 27°37 | 16°34 | 27°45 | 28° 9 | 28°11 | 0°56 | 25° 8 | T 18 |
| W19 | 19 48 56 | 26°59'40 | 13° 8 | 16°R31 | 4°47 | 2°43 | 13°56 | 29°24 | 27°37 | 16°36 | 27°46 | 28° 9 | 28° 8 | 1° 3 | 25° 5 | W19 |
| T 20 | 19 52 52 | 27°56'56 | 26°22 | 16°30 | 5°57 | 3°22 | 13°49 | 29°20 | 27°36 | 16°38 | 27°48 | 28°D 9 | 28° 5 | 1° 9 | 25° 2 | T 20 |
| F 21 | 19 56 49 | 28°54'12 | 9♋58 | 16°23 | 7° 7 | 4° 2 | 13°42 | 29°17 | 27°35 | 16°40 | 27°49 | 28° 9 | 28° 2 | 1°16 | 25° 0 | F 21 |
| S 22 | 20 0 46 | 29°51'28 | 23°54 | 16°12 | 8°17 | 4°41 | 13°34 | 29°13 | 27°34 | 16°43 | 27°50 | 28°R 9 | 27°58 | 1°23 | 24°57 | S 22 |
| S 23 | 20 4 42 | 0♌48'45 | 8♌ 9 | 15°56 | 9°26 | 5°21 | 13°27 | 29°10 | 27°33 | 16°45 | 27°51 | 28° 9 | 27°55 | 1°29 | 24°54 | S 23 |
| M24 | 20 8 39 | 1°46'02 | 22°37 | 15°36 | 10°36 | 6° 0 | 13°19 | 29° 6 | 27°33 | 16°47 | 27°52 | 28° 9 | 27°52 | 1°36 | 24°51 | M24 |
| T 25 | 20 12 35 | 2°43'20 | 7♍13 | 15°11 | 11°45 | 6°39 | 13°12 | 29° 3 | 27°32 | 16°49 | 27°54 | 28° 8 | 27°49 | 1°43 | 24°48 | T 25 |
| W26 | 20 16 32 | 3°40'37 | 21°51 | 14°42 | 12°55 | 7°17 | 13° 4 | 29° 0 | 27°32 | 16°51 | 27°55 | 28° 8 | 27°46 | 1°50 | 24°45 | W26 |
| T 27 | 20 20 28 | 4°37'55 | 6♎24 | 14°10 | 14° 4 | 7°56 | 12°57 | 28°57 | 27°31 | 16°53 | 27°56 | 28° 7 | 27°42 | 1°56 | 24°42 | T 27 |
| F 28 | 20 24 25 | 5°35'13 | 20°48 | 13°34 | 15°13 | 8°34 | 12°49 | 28°54 | 27°31 | 16°56 | 27°57 | 28° 7 | 27°39 | 2° 3 | 24°39 | F 28 |
| S 29 | 20 28 21 | 6°32'31 | 4♏59 | 12°55 | 16°23 | 9°13 | 12°42 | 28°51 | 27°30 | 16°58 | 27°58 | 28°D 7 | 27°36 | 2°10 | 24°36 | S 29 |
| S 30 | 20 32 18 | 7°29'50 | 18°56 | 12°15 | 17°32 | 9°51 | 12°34 | 28°48 | 27°30 | 17° 0 | 27°59 | 28° 7 | 27°33 | 2°16 | 24°33 | S 30 |
| M31 | 20 36 15 | 8♌27'09 | 2♐38 | 11♌32 | 18♍41 | 10♉29 | 12♒26 | 28♐45 | 27♏30 | 17♋ 2 | 28♊ 1 | 28♑ 7 | 27♑30 | 2♈23 | 24♒30 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 2 | 14s11 | 5s14 | 19n50 | 0n53 | 18n28 | 1n50 | 5n57 | 2s11 | 16s41 | 0s38 | 22s12 | 1n11 | 19s27 | 0n13 | 21n36 | 0s50 | 15n 9 | 8s13 | 20s28 | 20s18 | 3n42 | 6s21 | 6n56 |
| S 2 | 22 57 | 19 5 | 5 11 | 19 24 | 0 43 | 18 6 | 1 50 | 6 12 | 2 12 | 16 43 | 0 38 | 22 12 | 1 11 | 19 27 | 0 13 | 21 36 | 0 50 | 15 9 | 8 13 | 20 28 | 20 19 | 3 45 | 6 21 | 6 57 |
| M 3 | 22 52 | 22 54 | 4 48 | 18 58 | 0 33 | 17 45 | 1 49 | 6 27 | 2 12 | 16 45 | 0 39 | 22 12 | 1 11 | 19 26 | 0 13 | 21 36 | 0 50 | 15 9 | 8 13 | 20 29 | 20 19 | 3 48 | 6 22 | 6 57 |
| T 4 | 22 47 | 25 20 | 4 10 | 18 31 | 0 22 | 17 23 | 1 49 | 6 42 | 2 12 | 16 46 | 0 39 | 22 12 | 1 11 | 19 26 | 0 13 | 21 36 | 0 50 | 15 9 | 8 13 | 20 29 | 20 20 | 3 52 | 6 22 | 6 57 |
| W 5 | 22 41 | 26 15 | 3 18 | 18 5 | 0 11 | 17 1 | 1 48 | 6 57 | 2 13 | 16 48 | 0 39 | 22 12 | 1 11 | 19 26 | 0 13 | 21 35 | 0 50 | 15 9 | 8 13 | 20 29 | 20 20 | 3 55 | 6 23 | 6 58 |
| T 6 | 22 35 | 25 37 | 2 15 | 17 39 | 0s 1 | 16 38 | 1 47 | 7 12 | 2 13 | 16 50 | 0 39 | 22 12 | 1 11 | 19 25 | 0 13 | 21 35 | 0 50 | 15 9 | 8 13 | 20 30 | 20 21 | 3 58 | 6 23 | 6 58 |
| F 7 | 22 29 | 23 33 | 1 7 | 17 13 | 0 13 | 16 15 | 1 47 | 7 27 | 2 13 | 16 52 | 0 39 | 22 13 | 1 11 | 19 25 | 0 13 | 21 35 | 0 50 | 15 9 | 8 13 | 20 30 | 20 22 | 4 1 | 6 23 | 6 58 |
| S 8 | 22 22 | 20 19 | 0n 3 | 16 47 | 0 25 | 15 51 | 1 46 | 7 42 | 2 13 | 16 54 | 0 40 | 22 13 | 1 11 | 19 25 | 0 13 | 21 35 | 0 50 | 15 9 | 8 13 | 20 30 | 20 22 | 4 4 | 6 24 | 6 58 |
| S 9 | 22 15 | 16 12 | 1 12 | 16 22 | 0 39 | 15 27 | 1 45 | 7 56 | 2 14 | 16 56 | 0 40 | 22 13 | 1 11 | 19 25 | 0 13 | 21 34 | 0 50 | 15 9 | 8 13 | 20 30 | 20 23 | 4 7 | 6 24 | 6 59 |
| M10 | 22 8 | 11 28 | 2 17 | 15 57 | 0 52 | 15 3 | 1 44 | 8 11 | 2 14 | 16 58 | 0 40 | 22 13 | 1 10 | 19 24 | 0 13 | 21 34 | 0 50 | 15 9 | 8 13 | 20 30 | 20 24 | 4 10 | 6 25 | 6 59 |
| T 11 | 22 0 | 6 23 | 3 14 | 15 33 | 1 6 | 14 38 | 1 43 | 8 25 | 2 14 | 17 0 | 0 40 | 22 13 | 1 10 | 19 24 | 0 13 | 21 34 | 0 50 | 15 9 | 8 13 | 20 30 | 20 24 | 4 13 | 6 26 | 6 59 |
| W12 | 21 51 | 1 8 | 4 1 | 15 10 | 1 20 | 14 13 | 1 42 | 8 39 | 2 14 | 17 2 | 0 40 | 22 13 | 1 10 | 19 24 | 0 13 | 21 34 | 0 50 | 15 9 | 8 13 | 20 29 | 20 25 | 4 16 | 6 26 | 6 59 |
| T 13 | 21 43 | 4n 6 | 4 39 | 14 47 | 1 34 | 13 48 | 1 40 | 8 53 | 2 15 | 17 4 | 0 41 | 22 13 | 1 10 | 19 24 | 0 13 | 21 33 | 0 50 | 15 9 | 8 13 | 20 29 | 20 26 | 4 19 | 6 27 | 7 0 |
| F 14 | 21 34 | 9 11 | 5 4 | 14 26 | 1 49 | 13 22 | 1 39 | 9 8 | 2 15 | 17 6 | 0 41 | 22 13 | 1 10 | 19 23 | 0 13 | 21 33 | 0 50 | 15 9 | 8 13 | 20 29 | 20 26 | 4 22 | 6 27 | 7 0 |
| S 15 | 21 24 | 13 58 | 5 16 | 14 5 | 2 3 | 12 56 | 1 37 | 9 21 | 2 15 | 17 8 | 0 41 | 22 13 | 1 10 | 19 23 | 0 13 | 21 33 | 0 50 | 15 9 | 8 13 | 20 29 | 20 27 | 4 25 | 6 28 | 7 0 |
| S 16 | 21 14 | 18 15 | 5 14 | 13 46 | 2 18 | 12 29 | 1 36 | 9 35 | 2 15 | 17 10 | 0 41 | 22 14 | 1 10 | 19 23 | 0 13 | 21 32 | 0 50 | 15 9 | 8 13 | 20 29 | 20 28 | 4 28 | 6 29 | 7 0 |
| M17 | 21 4 | 21 51 | 4 59 | 13 28 | 2 33 | 12 3 | 1 34 | 9 49 | 2 15 | 17 12 | 0 41 | 22 14 | 1 10 | 19 23 | 0 13 | 21 32 | 0 50 | 15 9 | 8 13 | 20 29 | 20 28 | 4 31 | 6 29 | 7 1 |
| T 18 | 20 54 | 24 32 | 4 29 | 13 12 | 2 48 | 11 36 | 1 32 | 10 3 | 2 15 | 17 14 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 32 | 0 50 | 15 9 | 8 13 | 20 29 | 20 29 | 4 34 | 6 30 | 7 1 |
| W19 | 20 43 | 26 2 | 3 44 | 12 57 | 3 2 | 11 8 | 1 31 | 10 16 | 2 15 | 17 17 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 32 | 0 50 | 15 9 | 8 13 | 20 29 | 20 29 | 4 37 | 6 31 | 7 1 |
| T 20 | 20 32 | 26 8 | 2 47 | 12 44 | 3 16 | 10 41 | 1 29 | 10 29 | 2 15 | 17 19 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 31 | 0 50 | 15 9 | 8 13 | 20 29 | 20 30 | 4 40 | 6 31 | 7 1 |
| F 21 | 20 20 | 24 40 | 1 39 | 12 33 | 3 30 | 10 13 | 1 27 | 10 43 | 2 16 | 17 21 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 31 | 0 50 | 15 9 | 8 13 | 20 29 | 20 31 | 4 43 | 6 32 | 7 1 |
| S 22 | 20 8 | 21 40 | 0 24 | 12 23 | 3 44 | 9 45 | 1 24 | 10 56 | 2 16 | 17 23 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 31 | 0 50 | 15 9 | 8 13 | 20 29 | 20 31 | 4 46 | 6 33 | 7 1 |
| S 23 | 19 56 | 17 18 | 0s55 | 12 16 | 3 57 | 9 17 | 1 22 | 11 9 | 2 16 | 17 26 | 0 42 | 22 14 | 1 9 | 19 22 | 0 13 | 21 31 | 0 50 | 15 9 | 8 13 | 20 29 | 20 32 | 4 49 | 6 34 | 7 2 |
| M24 | 19 43 | 11 52 | 2 12 | 12 10 | 4 9 | 8 49 | 1 20 | 11 21 | 2 16 | 17 28 | 0 43 | 22 15 | 1 9 | 19 22 | 0 13 | 21 30 | 0 50 | 15 9 | 8 13 | 20 29 | 20 33 | 4 52 | 6 34 | 7 2 |
| T 25 | 19 31 | 5 45 | 3 20 | 12 6 | 4 20 | 8 20 | 1 17 | 11 34 | 2 16 | 17 30 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 30 | 0 50 | 15 9 | 8 14 | 20 29 | 20 33 | 4 55 | 6 35 | 7 2 |
| W26 | 19 17 | 0s41 | 4 16 | 12 5 | 4 30 | 7 51 | 1 15 | 11 47 | 2 16 | 17 32 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 30 | 0 50 | 15 9 | 8 14 | 20 29 | 20 34 | 4 58 | 6 36 | 7 2 |
| T 27 | 19 4 | 7 2 | 4 54 | 12 6 | 4 39 | 7 22 | 1 12 | 11 59 | 2 16 | 17 35 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 30 | 0 50 | 15 9 | 8 14 | 20 30 | 20 35 | 5 1 | 6 37 | 7 2 |
| F 28 | 18 50 | 12 57 | 5 14 | 12 9 | 4 46 | 6 53 | 1 10 | 12 11 | 2 16 | 17 37 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 29 | 0 50 | 15 9 | 8 14 | 20 30 | 20 35 | 5 4 | 6 38 | 7 2 |
| S 29 | 18 36 | 18 5 | 5 14 | 12 13 | 4 52 | 6 24 | 1 7 | 12 23 | 2 16 | 17 39 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 29 | 0 50 | 15 9 | 8 14 | 20 30 | 20 36 | 5 7 | 6 39 | 7 2 |
| S 30 | 18 21 | 22 9 | 4 56 | 12 20 | 4 57 | 5 54 | 1 4 | 12 35 | 2 16 | 17 42 | 0 43 | 22 15 | 1 8 | 19 21 | 0 13 | 21 29 | 0 50 | 15 9 | 8 14 | 20 30 | 20 36 | 5 10 | 6 40 | 7 3 |
| M31 | 18n 7 | 24s54 | 4s21 | 12n29 | 5s 0 | 5n25 | 1n 1 | 12n47 | 2s15 | 17s44 | 0s44 | 22s15 | 1n 8 | 19s21 | 0n13 | 21n28 | 0s50 | 15n 9 | 8s14 | 20s30 | 20s37 | 5n13 | 6s41 | 7n 3 |

Julian Day Number = 2597823.5, Delta T = 08m40s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'22, Lahiri = 29°27'23


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## AUGUST 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 40 11 | 9♌24'28 | 16♐ 4 | 10°R50 | 19♍49 | 11♉ 6 | 12°R18 | 28°R42 | 27°R29 | 17♋ 4 | 28♊ 2 | 28♉ 8 | 27♉27 | 2♈30 | 24°R27 | T 1 |
| W 2 | 20 44 8 | 10°21'48 | 29°15 | 10♌ 7 | 20°58 | 11°44 | 12♒11 | 28♐39 | 27♏29 | 17° 6 | 28° 3 | 28° 9 | 27°23 | 2°37 | 24♒24 | W 2 |
| T 3 | 20 48 4 | 11°19'08 | 12♉11 | 9°24 | 22° 7 | 12°21 | 12° 3 | 28°36 | 27°29 | 17° 8 | 28° 4 | 28°10 | 27°20 | 2°43 | 24°20 | T 3 |
| F 4 | 20 52 1 | 12°16'29 | 24°55 | 8°43 | 23°15 | 12°58 | 11°55 | 28°34 | 27°29 | 17°10 | 28° 5 | 28°R11 | 27°17 | 2°50 | 24°17 | F 4 |
| S 5 | 20 55 57 | 13°13'50 | 7♒27 | 8° 5 | 24°24 | 13°35 | 11°47 | 28°31 | 27°D29 | 17°12 | 28° 6 | 28°10 | 27°14 | 2°57 | 24°14 | S 5 |
| S 6 | 20 59 54 | 14°11'12 | 19°47 | 7°29 | 25°32 | 14°12 | 11°39 | 28°29 | 27°29 | 17°14 | 28° 7 | 28° 9 | 27°11 | 3° 3 | 24°11 | S 6 |
| M 7 | 21 3 50 | 15° 8'35 | 1♓57 | 6°58 | 26°40 | 14°49 | 11°32 | 28°27 | 27°29 | 17°16 | 28° 8 | 28° 8 | 27° 8 | 3°10 | 24° 8 | M 7 |
| T 8 | 21 7 47 | 16° 5'58 | 13°59 | 6°30 | 27°48 | 15°25 | 11°24 | 28°24 | 27°29 | 17°18 | 28° 9 | 28° 5 | 27° 4 | 3°17 | 24° 4 | T 8 |
| W 9 | 21 11 44 | 17° 3'23 | 25°56 | 6° 8 | 28°56 | 16° 1 | 11°16 | 28°22 | 27°29 | 17°20 | 28°10 | 28° 2 | 27° 1 | 3°24 | 24° 1 | W 9 |
| T 10 | 21 15 40 | 18° 0'49 | 7♈48 | 5°50 | 0♎ 4 | 16°37 | 11° 9 | 28°20 | 27°30 | 17°22 | 28°11 | 27°59 | 26°58 | 3°30 | 23°58 | T 10 |
| F 11 | 21 19 37 | 18°58'16 | 19°40 | 5°39 | 1°12 | 17°13 | 11° 1 | 28°18 | 27°30 | 17°24 | 28°12 | 27°57 | 26°55 | 3°37 | 23°55 | F 11 |
| S 12 | 21 23 33 | 19°55'44 | 1♉35 | 5°D34 | 2°19 | 17°48 | 10°53 | 28°16 | 27°30 | 17°26 | 28°13 | 27°54 | 26°52 | 3°44 | 23°51 | S 12 |
| S 13 | 21 27 30 | 20°53'13 | 13°37 | 5°35 | 3°27 | 18°24 | 10°46 | 28°14 | 27°31 | 17°28 | 28°14 | 27°53 | 26°48 | 3°50 | 23°48 | S 13 |
| M14 | 21 31 26 | 21°50'43 | 25°50 | 5°43 | 4°34 | 18°59 | 10°38 | 28°13 | 27°31 | 17°30 | 28°15 | 27°D53 | 26°45 | 3°57 | 23°45 | M14 |
| T 15 | 21 35 23 | 22°48'15 | 8♊20 | 5°58 | 5°41 | 19°33 | 10°31 | 28°11 | 27°32 | 17°32 | 28°16 | 27°54 | 26°42 | 4° 4 | 23°42 | T 15 |
| W16 | 21 39 19 | 23°45'48 | 21°10 | 6°19 | 6°48 | 20° 8 | 10°23 | 28° 9 | 27°32 | 17°34 | 28°17 | 27°55 | 26°39 | 4°10 | 23°38 | W16 |
| T 17 | 21 43 16 | 24°43'23 | 4♋24 | 6°48 | 7°55 | 20°42 | 10°16 | 28° 8 | 27°33 | 17°36 | 28°17 | 27°57 | 26°36 | 4°17 | 23°35 | T 17 |
| F 18 | 21 47 13 | 25°40'59 | 18° 3 | 7°23 | 9° 2 | 21°16 | 10° 9 | 28° 6 | 27°33 | 17°38 | 28°18 | 27°58 | 26°33 | 4°24 | 23°32 | F 18 |
| S 19 | 21 51 9 | 26°38'36 | 2♌ 9 | 8° 5 | 10° 8 | 21°50 | 10° 1 | 28° 5 | 27°34 | 17°40 | 28°19 | 27°R58 | 26°29 | 4°31 | 23°29 | S 19 |
| S 20 | 21 55 6 | 27°36'15 | 16°38 | 8°54 | 11°15 | 22°23 | 9°54 | 28° 4 | 27°35 | 17°41 | 28°20 | 27°57 | 26°26 | 4°37 | 23°25 | S 20 |
| M21 | 21 59 2 | 28°33'54 | 1♍26 | 9°49 | 12°21 | 22°57 | 9°47 | 28° 3 | 27°36 | 17°43 | 28°21 | 27°55 | 26°23 | 4°44 | 23°22 | M21 |
| T 22 | 22 2 59 | 29°31'35 | 16°26 | 10°51 | 13°27 | 23°30 | 9°40 | 28° 2 | 27°36 | 17°45 | 28°21 | 27°51 | 26°20 | 4°51 | 23°19 | T 22 |
| W23 | 22 6 55 | 0♍29'17 | 1♎28 | 11°59 | 14°33 | 24° 2 | 9°34 | 28° 1 | 27°37 | 17°47 | 28°22 | 27°46 | 26°17 | 4°57 | 23°16 | W23 |
| T 24 | 22 10 52 | 1°27'00 | 16°23 | 13°13 | 15°39 | 24°35 | 9°27 | 28° 0 | 27°38 | 17°48 | 28°23 | 27°42 | 26°14 | 5° 4 | 23°12 | T 24 |
| F 25 | 22 14 48 | 2°24'44 | 1♏ 4 | 14°33 | 16°45 | 25° 7 | 9°20 | 27°59 | 27°39 | 17°50 | 28°24 | 27°38 | 26°10 | 5°11 | 23° 9 | F 25 |
| S 26 | 22 18 45 | 3°22'29 | 15°26 | 15°58 | 17°50 | 25°38 | 9°14 | 27°59 | 27°40 | 17°52 | 28°24 | 27°35 | 26° 7 | 5°18 | 23° 6 | S 26 |
| S 27 | 22 22 42 | 4°20'16 | 29°25 | 17°28 | 18°55 | 26°10 | 9° 7 | 27°58 | 27°41 | 17°53 | 28°25 | 27°D34 | 26° 4 | 5°24 | 23° 3 | S 27 |
| M28 | 22 26 38 | 5°18'03 | 13♐ 1 | 19° 2 | 20° 1 | 26°41 | 9° 1 | 27°58 | 27°43 | 17°55 | 28°26 | 27°34 | 26° 1 | 5°31 | 23° 0 | M28 |
| T 29 | 22 30 35 | 6°15'52 | 26°15 | 20°41 | 21° 5 | 27°11 | 8°55 | 27°57 | 27°44 | 17°57 | 28°26 | 27°35 | 25°58 | 5°38 | 22°56 | T 29 |
| W30 | 22 34 31 | 7°13'41 | 9♑11 | 22°24 | 22°10 | 27°42 | 8°49 | 27°57 | 27°45 | 17°58 | 28°27 | 27°37 | 25°54 | 5°44 | 22°53 | W30 |
| T 31 | 22 38 28 | 8♍11'32 | 21♑50 | 24♌ 9 | 23♎15 | 28♉12 | 8♒43 | 27♐57 | 27♏46 | 18♋ 0 | 28♊28 | 27°R38 | 25♑51 | 5♈51 | 22♒50 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 17n52 | 26s11 | 3s32 | 12n39 | 5s 1 | 4n55 | 0n58 | 12n59 | 2s15 | 17s46 | 0s44 | 22s16 | 1n 7 | 19s21 | 0n13 | 21n28 | 0s50 | 15n 8 | 8s14 | 20s29 | 20s38 | 5n16 | 6s41 | 7n 3 | T 1 |
| W 2 | 17 36 | 25 56 | 2 33 | 12 51 | 5 0 | 4 25 | 0 55 | 13 11 | 2 15 | 17 49 | 0 44 | 22 16 | 1 7 | 19 21 | 0 13 | 21 28 | 0 50 | 15 8 | 8 14 | 20 29 | 20 38 | 5 19 | 6 42 | 7 3 | W 2 |
| T 3 | 17 21 | 24 17 | 1 27 | 13 4 | 4 58 | 3 55 | 0 52 | 13 22 | 2 15 | 17 51 | 0 44 | 22 16 | 1 7 | 19 21 | 0 13 | 21 28 | 0 50 | 15 8 | 8 14 | 20 29 | 20 39 | 5 22 | 6 43 | 7 3 | T 3 |
| F 4 | 17 5 | 21 24 | 0 18 | 13 19 | 4 54 | 3 25 | 0 49 | 13 33 | 2 15 | 17 53 | 0 44 | 22 16 | 1 7 | 19 21 | 0 13 | 21 27 | 0 50 | 15 8 | 8 14 | 20 29 | 20 40 | 5 25 | 6 44 | 7 3 | F 4 |
| S 5 | 16 49 | 17 33 | 0n51 | 13 34 | 4 48 | 2 55 | 0 45 | 13 44 | 2 15 | 17 56 | 0 44 | 22 16 | 1 7 | 19 21 | 0 13 | 21 27 | 0 50 | 15 8 | 8 14 | 20 29 | 20 40 | 5 28 | 6 45 | 7 3 | S 5 |
| S 6 | 16 32 | 13 0 | 1 56 | 13 50 | 4 40 | 2 25 | 0 42 | 13 55 | 2 15 | 17 58 | 0 44 | 22 16 | 1 7 | 19 21 | 0 13 | 21 27 | 0 50 | 15 8 | 8 14 | 20 29 | 20 41 | 5 31 | 6 46 | 7 3 | S 6 |
| M 7 | 16 16 | 8 1 | 2 56 | 14 7 | 4 31 | 1 54 | 0 38 | 14 6 | 2 14 | 18 0 | 0 45 | 22 16 | 1 6 | 19 21 | 0 13 | 21 27 | 0 50 | 15 8 | 8 14 | 20 30 | 20 41 | 5 34 | 6 47 | 7 3 | M 7 |
| T 8 | 15 59 | 2 48 | 3 46 | 14 24 | 4 21 | 1 24 | 0 35 | 14 17 | 2 14 | 18 2 | 0 45 | 22 16 | 1 6 | 19 21 | 0 13 | 21 26 | 0 50 | 15 8 | 8 15 | 20 30 | 20 42 | 5 37 | 6 48 | 7 3 | T 8 |
| W 9 | 15 41 | 2n28 | 4 27 | 14 41 | 4 9 | 0 54 | 0 31 | 14 28 | 2 14 | 18 5 | 0 45 | 22 17 | 1 6 | 19 21 | 0 13 | 21 26 | 0 50 | 15 8 | 8 15 | 20 31 | 20 43 | 5 40 | 6 49 | 7 3 | W 9 |
| T 10 | 15 24 | 7 36 | 4 55 | 14 58 | 3 56 | 0 23 | 0 27 | 14 38 | 2 14 | 18 7 | 0 45 | 22 17 | 1 6 | 19 21 | 0 13 | 21 26 | 0 50 | 15 8 | 8 15 | 20 31 | 20 43 | 5 43 | 6 50 | 7 3 | T 10 |
| F 11 | 15 6 | 12 28 | 5 11 | 15 14 | 3 42 | 0s 7 | 0 23 | 14 48 | 2 13 | 18 9 | 0 45 | 22 17 | 1 6 | 19 21 | 0 13 | 21 26 | 0 50 | 15 8 | 8 15 | 20 32 | 20 44 | 5 46 | 6 51 | 7 3 | F 11 |
| S 12 | 14 48 | 16 54 | 5 14 | 15 30 | 3 27 | 0 37 | 0 19 | 14 58 | 2 13 | 18 11 | 0 45 | 22 17 | 1 6 | 19 21 | 0 13 | 21 25 | 0 50 | 15 8 | 8 15 | 20 32 | 20 44 | 5 49 | 6 52 | 7 3 | S 12 |
| S 13 | 14 30 | 20 42 | 5 3 | 15 44 | 3 11 | 1 8 | 0 15 | 15 8 | 2 13 | 18 13 | 0 45 | 22 17 | 1 5 | 19 21 | 0 13 | 21 25 | 0 50 | 15 8 | 8 15 | 20 32 | 20 45 | 5 52 | 6 54 | 7 3 | S 13 |
| M14 | 14 12 | 23 40 | 4 38 | 15 58 | 2 55 | 1 38 | 0 11 | 15 18 | 2 12 | 18 15 | 0 45 | 22 17 | 1 5 | 19 22 | 0 13 | 21 25 | 0 50 | 15 8 | 8 15 | 20 32 | 20 46 | 5 55 | 6 55 | 7 3 | M14 |
| T 15 | 13 53 | 25 35 | 4 0 | 16 11 | 2 39 | 2 9 | 0 7 | 15 28 | 2 12 | 18 18 | 0 45 | 22 17 | 1 5 | 19 22 | 0 13 | 21 25 | 0 50 | 15 7 | 8 15 | 20 32 | 20 46 | 5 58 | 6 56 | 7 3 | T 15 |
| W16 | 13 34 | 26 14 | 3 8 | 16 22 | 2 22 | 2 39 | 0 3 | 15 37 | 2 12 | 18 20 | 0 45 | 22 18 | 1 5 | 19 22 | 0 13 | 21 24 | 0 50 | 15 7 | 8 15 | 20 32 | 20 47 | 6 1 | 6 57 | 7 3 | W16 |
| T 17 | 13 15 | 25 25 | 2 6 | 16 31 | 2 5 | 3 9 | 0s 1 | 15 47 | 2 11 | 18 22 | 0 46 | 22 18 | 1 5 | 19 22 | 0 13 | 21 24 | 0 50 | 15 7 | 8 15 | 20 32 | 20 47 | 6 4 | 6 58 | 7 3 | T 17 |
| F 18 | 12 56 | 23 4 | 0 54 | 16 39 | 1 48 | 3 39 | 0 6 | 15 56 | 2 11 | 18 24 | 0 46 | 22 18 | 1 5 | 19 22 | 0 12 | 21 24 | 0 50 | 15 7 | 8 16 | 20 31 | 20 48 | 6 7 | 6 59 | 7 3 | F 18 |
| S 19 | 12 36 | 19 16 | 0s23 | 16 44 | 1 31 | 4 10 | 0 10 | 16 5 | 2 11 | 18 26 | 0 46 | 22 18 | 1 4 | 19 22 | 0 12 | 21 24 | 0 50 | 15 7 | 8 16 | 20 31 | 20 49 | 6 10 | 7 0 | 7 3 | S 19 |
| S 20 | 12 17 | 14 13 | 1 40 | 16 48 | 1 15 | 4 40 | 0 15 | 16 14 | 2 10 | 18 28 | 0 46 | 22 18 | 1 4 | 19 23 | 0 12 | 21 23 | 0 50 | 15 7 | 8 16 | 20 32 | 20 49 | 6 13 | 7 1 | 7 3 | S 20 |
| M21 | 11 57 | 8 15 | 2 53 | 16 49 | 0 58 | 5 10 | 0 19 | 16 23 | 2 10 | 18 30 | 0 46 | 22 18 | 1 4 | 19 23 | 0 12 | 21 23 | 0 50 | 15 7 | 8 16 | 20 32 | 20 50 | 6 16 | 7 2 | 7 2 | M21 |
| T 22 | 11 37 | 1 45 | 3 54 | 16 47 | 0 43 | 5 40 | 0 24 | 16 31 | 2 9 | 18 32 | 0 46 | 22 19 | 1 4 | 19 23 | 0 12 | 21 23 | 0 50 | 15 7 | 8 16 | 20 33 | 20 50 | 6 19 | 7 4 | 7 2 | T 22 |
| W23 | 11 17 | 4s51 | 4 39 | 16 44 | 0 27 | 6 10 | 0 28 | 16 40 | 2 9 | 18 34 | 0 46 | 22 19 | 1 4 | 19 23 | 0 12 | 21 23 | 0 50 | 15 7 | 8 16 | 20 34 | 20 51 | 6 22 | 7 5 | 7 2 | W23 |
| T 24 | 10 56 | 11 8 | 5 5 | 16 37 | 0 12 | 6 39 | 0 33 | 16 48 | 2 8 | 18 35 | 0 46 | 22 19 | 1 4 | 19 23 | 0 12 | 21 22 | 0 50 | 15 7 | 8 16 | 20 35 | 20 52 | 6 25 | 7 6 | 7 2 | T 24 |
| F 25 | 10 36 | 16 40 | 5 11 | 16 28 | 0n 2 | 7 9 | 0 38 | 16 56 | 2 8 | 18 37 | 0 46 | 22 19 | 1 3 | 19 24 | 0 12 | 21 22 | 0 50 | 15 6 | 8 16 | 20 35 | 20 52 | 6 28 | 7 7 | 7 2 | F 25 |
| S 26 | 10 15 | 21 9 | 4 57 | 16 15 | 0 15 | 7 39 | 0 43 | 17 4 | 2 7 | 18 39 | 0 46 | 22 19 | 1 3 | 19 24 | 0 12 | 21 22 | 0 50 | 15 6 | 8 16 | 20 36 | 20 53 | 6 31 | 7 8 | 7 2 | S 26 |
| S 27 | 9 54 | 24 17 | 4 25 | 16 0 | 0 27 | 8 8 | 0 48 | 17 12 | 2 6 | 18 41 | 0 46 | 22 19 | 1 3 | 19 24 | 0 12 | 21 22 | 0 50 | 15 6 | 8 17 | 20 36 | 20 53 | 6 34 | 7 9 | 7 2 | S 27 |
| M28 | 9 33 | 25 56 | 3 39 | 15 42 | 0 39 | 8 37 | 0 53 | 17 20 | 2 6 | 18 42 | 0 46 | 22 19 | 1 3 | 19 24 | 0 12 | 21 22 | 0 50 | 15 6 | 8 17 | 20 36 | 20 54 | 6 37 | 7 10 | 7 2 | M28 |
| T 29 | 9 12 | 26 2 | 2 42 | 15 21 | 0 50 | 9 6 | 0 58 | 17 28 | 2 5 | 18 44 | 0 46 | 22 20 | 1 3 | 19 25 | 0 12 | 21 21 | 0 50 | 15 6 | 8 17 | 20 36 | 20 55 | 6 40 | 7 12 | 7 1 | T 29 |
| W30 | 8 50 | 24 43 | 1 39 | 14 58 | 1 0 | 9 35 | 1 3 | 17 35 | 2 4 | 18 46 | 0 46 | 22 20 | 1 3 | 19 25 | 0 12 | 21 21 | 0 50 | 15 6 | 8 17 | 20 36 | 20 55 | 6 43 | 7 13 | 7 1 | W30 |
| T 31 | 8n29 | 22s 8 | 0s31 | 14n31 | 1n 9 | 10s 4 | 1s 8 | 17n42 | 2s 4 | 18s47 | 0s46 | 22s20 | 1n 2 | 19s25 | 0n12 | 21n21 | 0s50 | 15n 6 | 8s17 | 20s35 | 20s56 | 6n46 | 7s14 | 7n 1 | T 31 |

Julian Day Number = 2597854.5, Delta T = 08m41s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'26, Lahiri = 29°27'27


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## SEPTEMBER 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 42 24 | 9♍ 9'24 | 4♒17 | 25♌58 | 24♎19 | 28♉42 | 8°R37 | 27°D57 | 27♏48 | 18♋ 2 | 28♊28 | 27°R38 | 25♂48 | 5♈58 | 22°R47 | F 1 |
| S 2 | 22 46 21 | 10° 7'17 | 16°33 | 27°49 | 25°23 | 29°11 | 8♒32 | 27♐57 | 27°49 | 18° 3 | 28°29 | 27♂36 | 25°45 | 6° 5 | 22♒44 | S 2 |
| S 3 | 22 50 17 | 11° 5'12 | 28°40 | 29°43 | 26°27 | 29°40 | 8°26 | 27°57 | 27°50 | 18° 5 | 28°29 | 27°32 | 25°42 | 6°11 | 22°41 | S 3 |
| M 4 | 22 54 14 | 12° 3'08 | 10♓41 | 1♍37 | 27°31 | 0♊ 9 | 8°21 | 27°57 | 27°52 | 18° 6 | 28°30 | 27°26 | 25°39 | 6°18 | 22°38 | M 4 |
| T 5 | 22 58 11 | 13° 1'06 | 22°38 | 3°33 | 28°34 | 0°37 | 8°16 | 27°58 | 27°54 | 18° 7 | 28°30 | 27°19 | 25°35 | 6°25 | 22°35 | T 5 |
| W 6 | 23 2 7 | 13°59'05 | 4♈31 | 5°30 | 29°37 | 1° 5 | 8°11 | 27°58 | 27°55 | 18° 9 | 28°31 | 27°10 | 25°32 | 6°31 | 22°32 | W 6 |
| T 7 | 23 6 4 | 14°57'06 | 16°23 | 7°27 | 0♏40 | 1°32 | 8° 6 | 27°59 | 27°57 | 18°10 | 28°31 | 27° 1 | 25°29 | 6°38 | 22°29 | T 7 |
| F 8 | 23 10 0 | 15°55'08 | 28°15 | 9°25 | 1°43 | 1°59 | 8° 1 | 27°59 | 27°58 | 18°12 | 28°32 | 26°52 | 25°26 | 6°45 | 22°26 | F 8 |
| S 9 | 23 13 57 | 16°53'13 | 10♉10 | 11°23 | 2°45 | 2°26 | 7°57 | 28° 0 | 28° 0 | 18°13 | 28°32 | 26°45 | 25°23 | 6°52 | 22°23 | S 9 |
| S 10 | 23 17 53 | 17°51'19 | 22°12 | 13°20 | 3°47 | 2°52 | 7°52 | 28° 1 | 28° 2 | 18°14 | 28°33 | 26°40 | 25°19 | 6°58 | 22°20 | S 10 |
| M11 | 23 21 50 | 18°49'28 | 4♊24 | 15°17 | 4°49 | 3°18 | 7°48 | 28° 2 | 28° 4 | 18°16 | 28°33 | 26°37 | 25°16 | 7° 5 | 22°18 | M11 |
| T 12 | 23 25 46 | 19°47'38 | 16°50 | 17°13 | 5°50 | 3°43 | 7°44 | 28° 3 | 28° 6 | 18°17 | 28°33 | 26°D35 | 25°13 | 7°12 | 22°15 | T 12 |
| W13 | 23 29 43 | 20°45'50 | 29°35 | 19° 8 | 6°52 | 4° 8 | 7°40 | 28° 4 | 28° 8 | 18°18 | 28°34 | 26°36 | 25°10 | 7°18 | 22°12 | W13 |
| T 14 | 23 33 40 | 21°44'04 | 12♋42 | 21° 3 | 7°53 | 4°33 | 7°37 | 28° 5 | 28°10 | 18°19 | 28°34 | 26°37 | 25° 7 | 7°25 | 22°10 | T 14 |
| F 15 | 23 37 36 | 22°42'21 | 26°16 | 22°57 | 8°53 | 4°57 | 7°33 | 28° 6 | 28°12 | 18°21 | 28°34 | 26°R37 | 25° 4 | 7°32 | 22° 7 | F 15 |
| S 16 | 23 41 33 | 23°40'39 | 10♌19 | 24°50 | 9°54 | 5°20 | 7°30 | 28° 8 | 28°14 | 18°22 | 28°34 | 26°36 | 25° 0 | 7°39 | 22° 4 | S 16 |
| S 17 | 23 45 29 | 24°38'59 | 24°49 | 26°42 | 10°54 | 5°43 | 7°27 | 28° 9 | 28°16 | 18°23 | 28°35 | 26°33 | 24°57 | 7°45 | 22° 2 | S 17 |
| M18 | 23 49 26 | 25°37'21 | 9♍44 | 28°33 | 11°53 | 6° 5 | 7°24 | 28°11 | 28°18 | 18°24 | 28°35 | 26°28 | 24°54 | 7°52 | 21°59 | M18 |
| T 19 | 23 53 22 | 26°35'45 | 24°55 | 0♎23 | 12°53 | 6°27 | 7°21 | 28°12 | 28°20 | 18°25 | 28°35 | 26°21 | 24°51 | 7°59 | 21°57 | T 19 |
| W20 | 23 57 19 | 27°34'11 | 10♎13 | 2°11 | 13°52 | 6°49 | 7°18 | 28°14 | 28°22 | 18°26 | 28°35 | 26°12 | 24°48 | 8° 6 | 21°54 | W20 |
| T 21 | 0 1 15 | 28°32'39 | 25°26 | 3°59 | 14°50 | 7°10 | 7°16 | 28°16 | 28°25 | 18°27 | 28°35 | 26° 2 | 24°45 | 8°12 | 21°52 | T 21 |
| F 22 | 0 5 12 | 29°31'08 | 10♏24 | 5°46 | 15°48 | 7°30 | 7°14 | 28°18 | 28°27 | 18°28 | 28°36 | 25°54 | 24°41 | 8°19 | 21°50 | F 22 |
| S 23 | 0 9 9 | 0♎29'39 | 25° 0 | 7°31 | 16°46 | 7°49 | 7°12 | 28°20 | 28°29 | 18°29 | 28°36 | 25°47 | 24°38 | 8°26 | 21°47 | S 23 |
| S 24 | 0 13 5 | 1°28'12 | 9♐ 8 | 9°15 | 17°43 | 8° 9 | 7°10 | 28°22 | 28°32 | 18°30 | 28°36 | 25°43 | 24°35 | 8°32 | 21°45 | S 24 |
| M25 | 0 17 2 | 2°26'46 | 22°48 | 10°59 | 18°40 | 8°27 | 7° 8 | 28°24 | 28°34 | 18°31 | 28°36 | 25°41 | 24°32 | 8°39 | 21°43 | M25 |
| T 26 | 0 20 58 | 3°25'22 | 6♑ 1 | 12°41 | 19°37 | 8°45 | 7° 7 | 28°27 | 28°37 | 18°32 | 28°36 | 25°D41 | 24°29 | 8°46 | 21°41 | T 26 |
| W27 | 0 24 55 | 4°24'00 | 18°51 | 14°23 | 20°33 | 9° 2 | 7° 6 | 28°29 | 28°39 | 18°33 | 28°36 | 25°R41 | 24°25 | 8°53 | 21°39 | W27 |
| T 28 | 0 28 51 | 5°22'39 | 1♒22 | 16° 3 | 21°28 | 9°19 | 7° 5 | 28°32 | 28°42 | 18°33 | 28°R36 | 25°41 | 24°22 | 8°59 | 21°37 | T 28 |
| F 29 | 0 32 48 | 6°21'19 | 13°38 | 17°42 | 22°23 | 9°35 | 7° 4 | 28°34 | 28°44 | 18°34 | 28°36 | 25°40 | 24°19 | 9° 6 | 21°35 | F 29 |
| S 30 | 0 36 44 | 7♎20'02 | 25♒44 | 19♎21 | 23♏18 | 9♊50 | 7♒ 3 | 28♐37 | 28♏47 | 18♋35 | 28♊36 | 25♂36 | 24♂16 | 9♈13 | 21♒33 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 8n 7 | 18s34 | 0n36 | 14n 2 | 1n17 | 10s32 | 1s13 | 17n50 | 2s 3 | 18s49 | 0s46 | 22s20 | 1n 2 | 19s26 | 0n12 | 21n21 | 0s50 | 15n 6 | 8s17 | 20s36 | 20s56 | 6n49 | 7s15 | 7n 1 |
| S 2 | 7 45 | 14 15 | 1 41 | 13 31 | 1 24 | 11 1 | 1 18 | 17 57 | 2 2 | 18 50 | 0 46 | 22 20 | 1 2 | 19 26 | 0 12 | 21 20 | 0 50 | 15 5 | 8 17 | 20 36 | 20 57 | 6 52 | 7 16 | 7 1 |
| S 3 | 7 24 | 9 25 | 2 40 | 12 57 | 1 30 | 11 29 | 1 23 | 18 3 | 2 1 | 18 52 | 0 46 | 22 21 | 1 2 | 19 26 | 0 12 | 21 20 | 0 51 | 15 5 | 8 17 | 20 37 | 20 58 | 6 54 | 7 17 | 7 0 |
| M 4 | 7 2 | 4 17 | 3 31 | 12 21 | 1 35 | 11 57 | 1 29 | 18 10 | 2 1 | 18 53 | 0 46 | 22 21 | 1 2 | 19 27 | 0 12 | 21 20 | 0 51 | 15 5 | 8 18 | 20 38 | 20 58 | 6 57 | 7 19 | 7 0 |
| T 5 | 6 39 | 0n57 | 4 13 | 11 43 | 1 39 | 12 24 | 1 34 | 18 17 | 2 0 | 18 55 | 0 46 | 22 21 | 1 1 | 19 27 | 0 12 | 21 20 | 0 51 | 15 5 | 8 18 | 20 39 | 20 59 | 7 0 | 7 20 | 7 0 |
| W 6 | 6 17 | 6 8 | 4 43 | 11 3 | 1 42 | 12 52 | 1 39 | 18 23 | 1 59 | 18 56 | 0 47 | 22 21 | 1 1 | 19 27 | 0 12 | 21 20 | 0 51 | 15 5 | 8 18 | 20 41 | 20 59 | 7 3 | 7 21 | 7 0 |
| T 7 | 5 55 | 11 4 | 5 1 | 10 22 | 1 44 | 13 19 | 1 44 | 18 30 | 1 58 | 18 57 | 0 47 | 22 21 | 1 1 | 19 28 | 0 12 | 21 19 | 0 51 | 15 5 | 8 18 | 20 43 | 21 0 | 7 6 | 7 22 | 6 59 |
| F 8 | 5 33 | 15 36 | 5 6 | 9 40 | 1 46 | 13 46 | 1 50 | 18 36 | 1 57 | 18 58 | 0 47 | 22 21 | 1 1 | 19 28 | 0 12 | 21 19 | 0 51 | 15 5 | 8 18 | 20 44 | 21 0 | 7 9 | 7 23 | 6 59 |
| S 9 | 5 10 | 19 33 | 4 58 | 8 56 | 1 47 | 14 12 | 1 55 | 18 42 | 1 56 | 19 0 | 0 47 | 22 22 | 1 1 | 19 29 | 0 12 | 21 19 | 0 51 | 15 5 | 8 18 | 20 46 | 21 1 | 7 12 | 7 24 | 6 59 |
| S 10 | 4 47 | 22 44 | 4 37 | 8 11 | 1 47 | 14 39 | 2 1 | 18 48 | 1 55 | 19 1 | 0 47 | 22 22 | 1 1 | 19 29 | 0 12 | 21 19 | 0 51 | 15 4 | 8 18 | 20 47 | 21 2 | 7 15 | 7 26 | 6 59 |
| M11 | 4 25 | 24 57 | 4 3 | 7 25 | 1 46 | 15 5 | 2 6 | 18 54 | 1 54 | 19 2 | 0 47 | 22 22 | 1 0 | 19 30 | 0 12 | 21 19 | 0 51 | 15 4 | 8 19 | 20 47 | 21 2 | 7 18 | 7 27 | 6 58 |
| T 12 | 4 2 | 26 0 | 3 17 | 6 39 | 1 45 | 15 31 | 2 12 | 19 0 | 1 53 | 19 3 | 0 47 | 22 22 | 1 0 | 19 30 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 48 | 21 3 | 7 21 | 7 28 | 6 58 |
| W13 | 3 39 | 25 43 | 2 20 | 5 52 | 1 43 | 15 56 | 2 17 | 19 5 | 1 52 | 19 4 | 0 47 | 22 22 | 1 0 | 19 30 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 47 | 21 3 | 7 24 | 7 29 | 6 58 |
| T 14 | 3 16 | 24 1 | 1 14 | 5 5 | 1 40 | 16 21 | 2 23 | 19 11 | 1 51 | 19 5 | 0 47 | 22 23 | 1 0 | 19 31 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 47 | 21 4 | 7 27 | 7 30 | 6 57 |
| F 15 | 2 53 | 20 53 | 0 2 | 4 17 | 1 37 | 16 46 | 2 28 | 19 16 | 1 50 | 19 6 | 0 47 | 22 23 | 1 0 | 19 31 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 47 | 21 5 | 7 29 | 7 31 | 6 57 |
| S 16 | 2 30 | 16 27 | 1s13 | 3 29 | 1 34 | 17 11 | 2 34 | 19 21 | 1 49 | 19 6 | 0 47 | 22 23 | 1 0 | 19 32 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 47 | 21 5 | 7 32 | 7 32 | 6 57 |
| S 17 | 2 7 | 10 57 | 2 25 | 2 41 | 1 30 | 17 35 | 2 39 | 19 26 | 1 48 | 19 7 | 0 47 | 22 23 | 0 59 | 19 32 | 0 12 | 21 18 | 0 51 | 15 4 | 8 19 | 20 48 | 21 6 | 7 35 | 7 33 | 6 57 |
| M18 | 1 44 | 4 41 | 3 29 | 1 53 | 1 26 | 17 59 | 2 45 | 19 31 | 1 47 | 19 8 | 0 47 | 22 23 | 0 59 | 19 33 | 0 12 | 21 17 | 0 51 | 15 3 | 8 19 | 20 49 | 21 6 | 7 38 | 7 35 | 6 56 |
| T 19 | 1 21 | 1s57 | 4 20 | 1 6 | 1 21 | 18 22 | 2 50 | 19 36 | 1 46 | 19 9 | 0 47 | 22 24 | 0 59 | 19 33 | 0 12 | 21 17 | 0 51 | 15 3 | 8 20 | 20 50 | 21 7 | 7 41 | 7 36 | 6 56 |
| W20 | 0 58 | 8 31 | 4 52 | 0 18 | 1 16 | 18 45 | 2 56 | 19 41 | 1 44 | 19 9 | 0 47 | 22 24 | 0 59 | 19 34 | 0 12 | 21 17 | 0 51 | 15 3 | 8 20 | 20 52 | 21 7 | 7 44 | 7 37 | 6 56 |
| T 21 | 0 35 | 14 31 | 5 4 | 0s30 | 1 11 | 19 8 | 3 1 | 19 46 | 1 43 | 19 10 | 0 47 | 22 24 | 0 59 | 19 34 | 0 12 | 21 17 | 0 51 | 15 3 | 8 20 | 20 54 | 21 8 | 7 47 | 7 38 | 6 55 |
| F 22 | 0 11 | 19 33 | 4 54 | 1 17 | 1 5 | 19 31 | 3 7 | 19 50 | 1 42 | 19 11 | 0 47 | 22 24 | 0 59 | 19 35 | 0 12 | 21 17 | 0 51 | 15 3 | 8 20 | 20 55 | 21 8 | 7 50 | 7 39 | 6 55 |
| S 23 | 0s12 | 23 16 | 4 25 | 2 4 | 1 0 | 19 53 | 3 12 | 19 55 | 1 40 | 19 11 | 0 47 | 22 24 | 0 58 | 19 35 | 0 12 | 21 17 | 0 51 | 15 3 | 8 20 | 20 57 | 21 9 | 7 53 | 7 40 | 6 54 |
| S 24 | 0 35 | 25 25 | 3 41 | 2 51 | 0 53 | 20 14 | 3 17 | 19 59 | 1 39 | 19 11 | 0 46 | 22 24 | 0 58 | 19 36 | 0 12 | 21 16 | 0 51 | 15 3 | 8 20 | 20 57 | 21 10 | 7 55 | 7 41 | 6 54 |
| M25 | 0 58 | 25 57 | 2 46 | 3 37 | 0 47 | 20 36 | 3 23 | 20 4 | 1 38 | 19 12 | 0 46 | 22 25 | 0 58 | 19 36 | 0 12 | 21 16 | 0 51 | 15 2 | 8 20 | 20 58 | 21 10 | 7 58 | 7 42 | 6 54 |
| T 26 | 1 21 | 24 58 | 1 43 | 4 23 | 0 41 | 20 56 | 3 28 | 20 8 | 1 36 | 19 12 | 0 46 | 22 25 | 0 58 | 19 37 | 0 12 | 21 16 | 0 51 | 15 2 | 8 21 | 20 58 | 21 11 | 8 1 | 7 43 | 6 53 |
| W27 | 1 45 | 22 40 | 0 36 | 5 8 | 0 34 | 21 17 | 3 34 | 20 12 | 1 35 | 19 12 | 0 46 | 22 25 | 0 58 | 19 38 | 0 12 | 21 16 | 0 51 | 15 2 | 8 21 | 20 58 | 21 11 | 8 4 | 7 44 | 6 53 |
| T 28 | 2 8 | 19 19 | 0n30 | 5 53 | 0 27 | 21 37 | 3 39 | 20 16 | 1 33 | 19 13 | 0 46 | 22 25 | 0 58 | 19 38 | 0 12 | 21 16 | 0 51 | 15 2 | 8 21 | 20 58 | 21 12 | 8 7 | 7 45 | 6 53 |
| F 29 | 2 31 | 15 12 | 1 34 | 6 37 | 0 21 | 21 56 | 3 44 | 20 20 | 1 32 | 19 13 | 0 46 | 22 25 | 0 57 | 19 39 | 0 12 | 21 16 | 0 51 | 15 2 | 8 21 | 20 58 | 21 12 | 8 10 | 7 46 | 6 52 |
| S 30 | 2s54 | 10s32 | 2n32 | 7s21 | 0n14 | 22s15 | 3s49 | 20n24 | 1s30 | 19s13 | 0s46 | 22s26 | 0n57 | 19s39 | 0n12 | 21n16 | 0s51 | 15n 2 | 8s21 | 20s59 | 21s13 | 8n13 | 7s47 | 6n52 |

Julian Day Number = 2597885.5, Delta T = 08m41s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'30, Lahiri = 29°27'32


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## OCTOBER 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 40 41 | 8♎18'46 | 7♓43 | 20♎58 | 24♏12 | 10♊ 5 | 7°R 3 | 28♐40 | 28♏50 | 18♋36 | 28°R36 | 25°R29 | 24♑13 | 9♈19 | 21°R31 | S 1 |
| M 2 | 0 44 38 | 9°17'32 | 19°37 | 22°35 | 25° 5 | 10°19 | 7♒ 3 | 28°43 | 28°52 | 18°36 | 28♊36 | 25♑20 | 24°10 | 9°26 | 21♒29 | M 2 |
| T 3 | 0 48 34 | 10°16'20 | 1♈30 | 24°10 | 25°58 | 10°33 | 7°D 3 | 28°46 | 28°55 | 18°37 | 28°36 | 25° 8 | 24° 6 | 9°33 | 21°27 | T 3 |
| W 4 | 0 52 31 | 11°15'10 | 13°22 | 25°45 | 26°50 | 10°45 | 7° 3 | 28°49 | 28°58 | 18°37 | 28°36 | 24°55 | 24° 3 | 9°40 | 21°25 | W 4 |
| T 5 | 0 56 27 | 12°14'01 | 25°15 | 27°19 | 27°41 | 10°57 | 7° 3 | 28°52 | 29° 1 | 18°38 | 28°35 | 24°41 | 24° 0 | 9°46 | 21°24 | T 5 |
| F 6 | 1 0 24 | 13°12'55 | 7♉11 | 28°51 | 28°32 | 11° 8 | 7° 4 | 28°55 | 29° 3 | 18°39 | 28°35 | 24°28 | 23°57 | 9°53 | 21°22 | F 6 |
| S 7 | 1 4 20 | 14°11'51 | 19°11 | 0♏23 | 29°22 | 11°19 | 7° 4 | 28°58 | 29° 6 | 18°39 | 28°35 | 24°16 | 23°54 | 10° 0 | 21°21 | S 7 |
| S 8 | 1 8 17 | 15°10'49 | 1♊17 | 1°55 | 0♗12 | 11°29 | 7° 5 | 29° 2 | 29° 9 | 18°40 | 28°35 | 24° 7 | 23°51 | 10° 6 | 21°19 | S 8 |
| M 9 | 1 12 13 | 16° 9'50 | 13°32 | 3°25 | 1° 0 | 11°38 | 7° 6 | 29° 5 | 29°12 | 18°40 | 28°35 | 24° 0 | 23°47 | 10°13 | 21°18 | M 9 |
| T 10 | 1 16 10 | 17° 8'52 | 25°58 | 4°54 | 1°48 | 11°46 | 7° 8 | 29° 9 | 29°15 | 18°40 | 28°34 | 23°57 | 23°44 | 10°20 | 21°16 | T 10 |
| W11 | 1 20 6 | 18° 7'57 | 8♋41 | 6°23 | 2°35 | 11°53 | 7° 9 | 29°12 | 29°18 | 18°41 | 28°34 | 23°55 | 23°41 | 10°27 | 21°15 | W11 |
| T 12 | 1 24 3 | 19° 7'05 | 21°43 | 7°50 | 3°22 | 12° 0 | 7°11 | 29°16 | 29°21 | 18°41 | 28°34 | 23°55 | 23°38 | 10°33 | 21°14 | T 12 |
| F 13 | 1 28 0 | 20° 6'14 | 5♌ 8 | 9°17 | 4° 7 | 12° 6 | 7°13 | 29°20 | 29°24 | 18°41 | 28°34 | 23°55 | 23°35 | 10°40 | 21°13 | F 13 |
| S 14 | 1 31 56 | 21° 5'26 | 19° 1 | 10°43 | 4°52 | 12°10 | 7°15 | 29°24 | 29°27 | 18°42 | 28°33 | 23°54 | 23°31 | 10°47 | 21°12 | S 14 |
| S 15 | 1 35 53 | 22° 4'40 | 3♍20 | 12° 8 | 5°35 | 12°14 | 7°17 | 29°28 | 29°30 | 18°42 | 28°33 | 23°50 | 23°28 | 10°53 | 21°11 | S 15 |
| M16 | 1 39 49 | 23° 3'56 | 18° 6 | 13°32 | 6°18 | 12°18 | 7°20 | 29°32 | 29°34 | 18°42 | 28°32 | 23°43 | 23°25 | 11° 0 | 21°10 | M16 |
| T 17 | 1 43 46 | 24° 3'15 | 3♎11 | 14°55 | 7° 0 | 12°20 | 7°22 | 29°36 | 29°37 | 18°42 | 28°32 | 23°34 | 23°22 | 11° 7 | 21° 9 | T 17 |
| W18 | 1 47 42 | 25° 2'35 | 18°28 | 16°18 | 7°40 | 12°21 | 7°25 | 29°40 | 29°40 | 18°42 | 28°32 | 23°23 | 23°19 | 11°14 | 21° 8 | W18 |
| T 19 | 1 51 39 | 26° 1'58 | 3♏45 | 17°39 | 8°20 | 12°R22 | 7°28 | 29°44 | 29°43 | 18°43 | 28°31 | 23°12 | 23°16 | 11°20 | 21° 7 | T 19 |
| F 20 | 1 55 35 | 27° 1'23 | 18°51 | 18°59 | 8°58 | 12°22 | 7°31 | 29°49 | 29°47 | 18°43 | 28°31 | 23° 1 | 23°12 | 11°27 | 21° 6 | F 20 |
| S 21 | 1 59 32 | 28° 0'49 | 3♐36 | 20°18 | 9°35 | 12°20 | 7°35 | 29°53 | 29°50 | 18°43 | 28°30 | 22°53 | 23° 9 | 11°34 | 21° 6 | S 21 |
| S 22 | 2 3 29 | 29° 0'18 | 17°54 | 21°35 | 10°11 | 12°18 | 7°38 | 29°58 | 29°53 | 18°R43 | 28°30 | 22°46 | 23° 6 | 11°41 | 21° 5 | S 22 |
| M23 | 2 7 25 | 29°59'48 | 1♑42 | 22°51 | 10°46 | 12°15 | 7°42 | 0♑ 2 | 29°56 | 18°43 | 28°29 | 22°43 | 23° 3 | 11°47 | 21° 5 | M23 |
| T 24 | 2 11 22 | 0♏59'20 | 15° 1 | 24° 6 | 11°19 | 12°11 | 7°46 | 0° 7 | 29°59 | 18°43 | 28°29 | 22°42 | 23° 0 | 11°54 | 21° 4 | T 24 |
| W25 | 2 15 18 | 1°58'54 | 27°53 | 25°20 | 11°51 | 12° 7 | 7°50 | 0°12 | 0♗ 3 | 18°42 | 28°28 | 22°42 | 22°56 | 12° 1 | 21° 4 | W25 |
| T 26 | 2 19 15 | 2°58'30 | 10♒24 | 26°32 | 12°22 | 12° 1 | 7°55 | 0°16 | 0° 7 | 18°42 | 28°28 | 22°42 | 22°53 | 12° 7 | 21° 4 | T 26 |
| F 27 | 2 23 11 | 3°58'07 | 22°38 | 27°42 | 12°51 | 11°54 | 7°59 | 0°21 | 0°10 | 18°42 | 28°27 | 22°40 | 22°50 | 12°14 | 21° 3 | F 27 |
| S 28 | 2 27 8 | 4°57'45 | 4♓40 | 28°50 | 13°18 | 11°47 | 8° 4 | 0°26 | 0°14 | 18°42 | 28°26 | 22°37 | 22°47 | 12°21 | 21° 3 | S 28 |
| S 29 | 2 31 4 | 5°57'26 | 16°35 | 29°56 | 13°44 | 11°39 | 8° 9 | 0°31 | 0°17 | 18°42 | 28°26 | 22°31 | 22°44 | 12°28 | 21° 3 | S 29 |
| M30 | 2 35 1 | 6°57'08 | 28°27 | 0♗59 | 14° 8 | 11°29 | 8°14 | 0°36 | 0°20 | 18°41 | 28°25 | 22°22 | 22°41 | 12°34 | 21°D 3 | M30 |
| T 31 | 2 38 58 | 7♏56'52 | 10♈18 | 2♗ 0 | 14♗30 | 11♊19 | 8♒19 | 0♑41 | 0♗24 | 18♋41 | 28♊24 | 22♑10 | 22♑37 | 12♈41 | 21♒ 3 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s17 | 5s31 | 3n23 | 8s 4 | 0n 7 | 22s34 | 3s55 | 20n27 | 1s28 | 19s13 | 0s46 | 22s26 | 0n57 | 19s40 | 0n12 | 21n16 | 0s51 | 15n 2 | 8s21 | 21s 0 | 21s14 | 8n16 | 7s48 | 6n51 |
| M 2 | 3 40 | 0 21 | 4 5 | 8 46 | 0s 1 | 22 52 | 4 0 | 20 31 | 1 27 | 19 13 | 0 46 | 22 26 | 0 57 | 19 41 | 0 12 | 21 15 | 0 51 | 15 1 | 8 21 | 21 2 | 21 14 | 8 18 | 7 49 | 6 51 |
| T 3 | 4 4 | 4n48 | 4 35 | 9 28 | 0 8 | 23 10 | 4 5 | 20 35 | 1 25 | 19 13 | 0 46 | 22 26 | 0 57 | 19 41 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 4 | 21 15 | 8 21 | 7 50 | 6 51 |
| W 4 | 4 27 | 9 47 | 4 54 | 10 10 | 0 15 | 23 27 | 4 10 | 20 38 | 1 23 | 19 13 | 0 46 | 22 26 | 0 57 | 19 42 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 6 | 21 15 | 8 24 | 7 51 | 6 50 |
| T 5 | 4 50 | 14 24 | 5 0 | 10 50 | 0 22 | 23 44 | 4 15 | 20 42 | 1 21 | 19 13 | 0 46 | 22 27 | 0 56 | 19 42 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 9 | 21 16 | 8 27 | 7 52 | 6 50 |
| F 6 | 5 12 | 18 29 | 4 53 | 11 30 | 0 30 | 24 1 | 4 20 | 20 45 | 1 20 | 19 13 | 0 46 | 22 27 | 0 56 | 19 43 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 11 | 21 16 | 8 30 | 7 53 | 6 49 |
| S 7 | 5 35 | 21 51 | 4 33 | 12 10 | 0 37 | 24 16 | 4 24 | 20 48 | 1 18 | 19 13 | 0 46 | 22 27 | 0 56 | 19 44 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 13 | 21 17 | 8 33 | 7 54 | 6 49 |
| S 8 | 5 58 | 24 17 | 4 0 | 12 48 | 0 44 | 24 32 | 4 29 | 20 52 | 1 16 | 19 12 | 0 46 | 22 27 | 0 56 | 19 44 | 0 12 | 21 15 | 0 51 | 15 1 | 8 22 | 21 15 | 21 17 | 8 35 | 7 54 | 6 48 |
| M 9 | 6 21 | 25 37 | 3 16 | 13 26 | 0 51 | 24 47 | 4 34 | 20 55 | 1 14 | 19 12 | 0 46 | 22 27 | 0 56 | 19 45 | 0 11 | 21 15 | 0 51 | 15 0 | 8 22 | 21 16 | 21 18 | 8 38 | 7 55 | 6 48 |
| T 10 | 6 43 | 25 41 | 2 22 | 14 3 | 0 58 | 25 1 | 4 38 | 20 58 | 1 12 | 19 12 | 0 46 | 22 27 | 0 56 | 19 46 | 0 11 | 21 15 | 0 51 | 15 0 | 8 23 | 21 16 | 21 18 | 8 41 | 7 56 | 6 47 |
| W11 | 7 6 | 24 26 | 1 20 | 14 39 | 1 6 | 25 15 | 4 43 | 21 1 | 1 10 | 19 11 | 0 46 | 22 28 | 0 55 | 19 46 | 0 11 | 21 15 | 0 51 | 15 0 | 8 23 | 21 17 | 21 19 | 8 44 | 7 57 | 6 47 |
| T 12 | 7 28 | 21 50 | 0 12 | 15 14 | 1 13 | 25 29 | 4 47 | 21 4 | 1 8 | 19 11 | 0 46 | 22 28 | 0 55 | 19 47 | 0 11 | 21 15 | 0 51 | 15 0 | 8 23 | 21 17 | 21 20 | 8 47 | 7 58 | 6 47 |
| F 13 | 7 51 | 17 59 | 0s59 | 15 49 | 1 20 | 25 42 | 4 51 | 21 7 | 1 5 | 19 10 | 0 46 | 22 28 | 0 55 | 19 48 | 0 11 | 21 15 | 0 51 | 15 0 | 8 23 | 21 17 | 21 20 | 8 50 | 7 59 | 6 46 |
| S 14 | 8 13 | 13 3 | 2 8 | 16 23 | 1 27 | 25 54 | 4 55 | 21 9 | 1 3 | 19 10 | 0 46 | 22 28 | 0 55 | 19 48 | 0 11 | 21 14 | 0 51 | 15 0 | 8 23 | 21 17 | 21 21 | 8 52 | 7 59 | 6 46 |
| S 15 | 8 35 | 7 17 | 3 12 | 16 56 | 1 33 | 26 6 | 4 59 | 21 12 | 1 1 | 19 9 | 0 46 | 22 28 | 0 55 | 19 49 | 0 11 | 21 14 | 0 51 | 15 0 | 8 23 | 21 18 | 21 21 | 8 55 | 8 0 | 6 45 |
| M16 | 8 57 | 0 56 | 4 5 | 17 28 | 1 40 | 26 17 | 5 3 | 21 15 | 0 59 | 19 8 | 0 46 | 22 29 | 0 55 | 19 50 | 0 11 | 21 14 | 0 51 | 15 0 | 8 23 | 21 19 | 21 22 | 8 58 | 8 1 | 6 45 |
| T 17 | 9 19 | 5s34 | 4 42 | 17 59 | 1 47 | 26 28 | 5 7 | 21 18 | 0 56 | 19 8 | 0 46 | 22 29 | 0 55 | 19 50 | 0 11 | 21 14 | 0 51 | 14 59 | 8 23 | 21 20 | 21 22 | 9 1 | 8 2 | 6 44 |
| W18 | 9 40 | 11 50 | 4 59 | 18 29 | 1 53 | 26 39 | 5 10 | 21 20 | 0 54 | 19 7 | 0 46 | 22 29 | 0 54 | 19 51 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 22 | 21 23 | 9 4 | 8 2 | 6 44 |
| T 19 | 10 2 | 17 22 | 4 55 | 18 58 | 1 59 | 26 48 | 5 14 | 21 23 | 0 52 | 19 6 | 0 46 | 22 29 | 0 54 | 19 52 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 24 | 21 23 | 9 6 | 8 3 | 6 43 |
| F 20 | 10 23 | 21 43 | 4 30 | 19 26 | 2 5 | 26 58 | 5 17 | 21 25 | 0 49 | 19 5 | 0 46 | 22 29 | 0 54 | 19 53 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 26 | 21 24 | 9 9 | 8 4 | 6 43 |
| S 21 | 10 45 | 24 34 | 3 48 | 19 53 | 2 11 | 27 6 | 5 20 | 21 27 | 0 47 | 19 4 | 0 46 | 22 29 | 0 54 | 19 53 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 27 | 21 24 | 9 12 | 8 4 | 6 42 |
| S 22 | 11 6 | 25 42 | 2 53 | 20 19 | 2 17 | 27 15 | 5 22 | 21 30 | 0 44 | 19 3 | 0 45 | 22 29 | 0 54 | 19 54 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 28 | 21 25 | 9 15 | 8 5 | 6 42 |
| M23 | 11 27 | 25 11 | 1 49 | 20 44 | 2 22 | 27 22 | 5 25 | 21 32 | 0 41 | 19 2 | 0 45 | 22 30 | 0 54 | 19 55 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 29 | 21 25 | 9 18 | 8 6 | 6 41 |
| T 24 | 11 48 | 23 13 | 0 41 | 21 8 | 2 27 | 27 30 | 5 27 | 21 34 | 0 39 | 19 1 | 0 45 | 22 30 | 0 54 | 19 55 | 0 11 | 21 14 | 0 51 | 14 59 | 8 24 | 21 29 | 21 26 | 9 20 | 8 6 | 6 41 |
| W25 | 12 8 | 20 5 | 0n27 | 21 31 | 2 32 | 27 36 | 5 30 | 21 36 | 0 36 | 19 0 | 0 45 | 22 30 | 0 53 | 19 56 | 0 11 | 21 14 | 0 51 | 14 58 | 8 24 | 21 29 | 21 27 | 9 23 | 8 7 | 6 40 |
| T 26 | 12 29 | 16 7 | 1 32 | 21 53 | 2 37 | 27 42 | 5 31 | 21 38 | 0 33 | 18 59 | 0 45 | 22 30 | 0 53 | 19 57 | 0 11 | 21 14 | 0 51 | 14 58 | 8 24 | 21 29 | 21 27 | 9 26 | 8 7 | 6 40 |
| F 27 | 12 49 | 11 33 | 2 31 | 22 13 | 2 41 | 27 48 | 5 33 | 21 40 | 0 30 | 18 58 | 0 45 | 22 30 | 0 53 | 19 58 | 0 11 | 21 14 | 0 51 | 14 58 | 8 25 | 21 29 | 21 28 | 9 29 | 8 8 | 6 39 |
| S 28 | 13 9 | 6 38 | 3 23 | 22 32 | 2 45 | 27 53 | 5 34 | 21 42 | 0 27 | 18 56 | 0 45 | 22 30 | 0 53 | 19 58 | 0 11 | 21 14 | 0 51 | 14 58 | 8 25 | 21 30 | 21 28 | 9 32 | 8 8 | 6 39 |
| S 29 | 13 29 | 1 32 | 4 4 | 22 50 | 2 48 | 27 57 | 5 35 | 21 44 | 0 25 | 18 55 | 0 45 | 22 30 | 0 53 | 19 59 | 0 11 | 21 14 | 0 52 | 14 58 | 8 25 | 21 31 | 21 29 | 9 34 | 8 9 | 6 38 |
| M30 | 13 48 | 3n36 | 4 35 | 23 6 | 2 51 | 28 1 | 5 36 | 21 45 | 0 22 | 18 54 | 0 45 | 22 30 | 0 53 | 20 0 | 0 11 | 21 14 | 0 52 | 14 58 | 8 25 | 21 32 | 21 29 | 9 37 | 8 9 | 6 38 |
| T 31 | 14s 8 | 8n35 | 4n54 | 23s21 | 2s54 | 28s 4 | 5s37 | 21n47 | 0s19 | 18s52 | 0s45 | 22s31 | 0n53 | 20s 1 | 0n11 | 21n14 | 0s52 | 14n58 | 8s25 | 21s34 | 21s30 | 9n40 | 8s10 | 6n37 |

Julian Day Number = 2597915.5, Delta T = 08m41s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'34, Lahiri = 29°27'36


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## NOVEMBER 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 42 54 | 8♏56'38 | 22♈12 | 2♐58 | 14♐50 | 11°R 8 | 8♒25 | 0♑46 | 0♐27 | 18°R41 | 28°R24 | 21°R57 | 22♑34 | 12♈48 | 21♒ 3 | W 1 |
| T 2 | 2 46 51 | 9°56'26 | 4♉10 | 3°54 | 15° 9 | 10♊57 | 8°30 | 0°52 | 0°31 | 18♋40 | 28♊23 | 21♑43 | 22°31 | 12°54 | 21° 4 | T 2 |
| F 3 | 2 50 47 | 10°56'15 | 16°13 | 4°45 | 15°25 | 10°44 | 8°36 | 0°57 | 0°35 | 18°40 | 28°22 | 21°30 | 22°28 | 13° 1 | 21° 4 | F 3 |
| S 4 | 2 54 44 | 11°56'07 | 28°22 | 5°33 | 15°40 | 10°31 | 8°42 | 1° 2 | 0°38 | 18°40 | 28°22 | 21°19 | 22°25 | 13° 8 | 21° 4 | S 4 |
| S 5 | 2 58 40 | 12°56'01 | 10♊38 | 6°16 | 15°52 | 10°17 | 8°48 | 1° 8 | 0°42 | 18°39 | 28°21 | 21°10 | 22°22 | 13°15 | 21° 4 | S 5 |
| M 6 | 3 2 37 | 13°55'57 | 23° 3 | 6°55 | 16° 3 | 10° 2 | 8°54 | 1°13 | 0°45 | 18°39 | 28°20 | 21° 3 | 22°18 | 13°21 | 21° 5 | M 6 |
| T 7 | 3 6 33 | 14°55'54 | 5♋39 | 7°28 | 16°11 | 9°46 | 9° 0 | 1°19 | 0°49 | 18°38 | 28°19 | 21° 0 | 22°15 | 13°28 | 21° 5 | T 7 |
| W 8 | 3 10 30 | 15°55'54 | 18°27 | 7°55 | 16°17 | 9°30 | 9° 7 | 1°24 | 0°53 | 18°37 | 28°18 | 20°D59 | 22°12 | 13°35 | 21° 6 | W 8 |
| T 9 | 3 14 27 | 16°55'56 | 1♌32 | 8°16 | 16°20 | 9°13 | 9°14 | 1°30 | 0°56 | 18°37 | 28°18 | 20°59 | 22° 9 | 13°41 | 21° 7 | T 9 |
| F 10 | 3 18 23 | 17°56'00 | 14°54 | 8°30 | 16°R22 | 8°55 | 9°21 | 1°36 | 1° 0 | 18°36 | 28°17 | 21°R 0 | 22° 6 | 13°48 | 21° 7 | F 10 |
| S 11 | 3 22 20 | 18°56'07 | 28°38 | 8°R36 | 16°21 | 8°37 | 9°28 | 1°42 | 1° 4 | 18°36 | 28°16 | 20°59 | 22° 2 | 13°55 | 21° 8 | S 11 |
| S 12 | 3 26 16 | 19°56'15 | 12♍44 | 8°33 | 16°17 | 8°18 | 9°35 | 1°47 | 1° 7 | 18°35 | 28°15 | 20°57 | 21°59 | 14° 2 | 21° 9 | S 12 |
| M13 | 3 30 13 | 20°56'25 | 27°12 | 8°22 | 16°11 | 7°58 | 9°42 | 1°53 | 1°11 | 18°34 | 28°14 | 20°52 | 21°56 | 14° 8 | 21°10 | M13 |
| T 14 | 3 34 9 | 21°56'37 | 11♎59 | 8° 1 | 16° 3 | 7°39 | 9°50 | 1°59 | 1°15 | 18°33 | 28°13 | 20°46 | 21°53 | 14°15 | 21°11 | T 14 |
| W15 | 3 38 6 | 22°56'52 | 26°57 | 7°30 | 15°52 | 7°18 | 9°57 | 2° 5 | 1°18 | 18°33 | 28°12 | 20°37 | 21°50 | 14°22 | 21°12 | W15 |
| T 16 | 3 42 2 | 23°57'08 | 12♏ 0 | 6°49 | 15°39 | 6°57 | 10° 5 | 2°11 | 1°22 | 18°32 | 28°11 | 20°28 | 21°47 | 14°29 | 21°13 | T 16 |
| F 17 | 3 45 59 | 24°57'26 | 26°56 | 5°58 | 15°23 | 6°36 | 10°13 | 2°17 | 1°26 | 18°31 | 28°10 | 20°19 | 21°43 | 14°35 | 21°14 | F 17 |
| S 18 | 3 49 56 | 25°57'46 | 11♐37 | 4°59 | 15° 5 | 6°15 | 10°21 | 2°23 | 1°29 | 18°30 | 28°10 | 20°12 | 21°40 | 14°42 | 21°16 | S 18 |
| S 19 | 3 53 52 | 26°58'08 | 25°56 | 3°51 | 14°45 | 5°53 | 10°29 | 2°29 | 1°33 | 18°29 | 28° 9 | 20° 7 | 21°37 | 14°49 | 21°17 | S 19 |
| M20 | 3 57 49 | 27°58'31 | 9♑48 | 2°37 | 14°23 | 5°31 | 10°38 | 2°36 | 1°37 | 18°28 | 28° 8 | 20° 5 | 21°34 | 14°55 | 21°18 | M20 |
| T 21 | 4 1 45 | 28°58'55 | 23°13 | 1°18 | 13°58 | 5° 9 | 10°46 | 2°42 | 1°41 | 18°27 | 28° 7 | 20°D 4 | 21°31 | 15° 2 | 21°20 | T 21 |
| W22 | 4 5 42 | 29°59'21 | 6♒11 | 29♏57 | 13°32 | 4°47 | 10°55 | 2°48 | 1°44 | 18°26 | 28° 6 | 20° 5 | 21°28 | 15° 9 | 21°21 | W22 |
| T 23 | 4 9 38 | 0♐59'48 | 18°46 | 28°37 | 13° 3 | 4°25 | 11° 4 | 2°55 | 1°48 | 18°25 | 28° 5 | 20° 6 | 21°24 | 15°16 | 21°23 | T 23 |
| F 24 | 4 13 35 | 2° 0'16 | 1♓ 3 | 27°20 | 12°33 | 4° 3 | 11°13 | 3° 1 | 1°52 | 18°24 | 28° 4 | 20°R 7 | 21°21 | 15°22 | 21°25 | F 24 |
| S 25 | 4 17 31 | 3° 0'46 | 13° 7 | 26° 9 | 12° 1 | 3°41 | 11°22 | 3° 7 | 1°56 | 18°23 | 28° 3 | 20° 6 | 21°18 | 15°29 | 21°26 | S 25 |
| S 26 | 4 21 28 | 4° 1'16 | 25° 2 | 25° 6 | 11°28 | 3°19 | 11°31 | 3°14 | 1°59 | 18°22 | 28° 1 | 20° 4 | 21°15 | 15°36 | 21°28 | S 26 |
| M27 | 4 25 25 | 5° 1'48 | 6♈54 | 24°12 | 10°54 | 2°57 | 11°40 | 3°20 | 2° 3 | 18°21 | 28° 0 | 19°59 | 21°12 | 15°43 | 21°30 | M27 |
| T 28 | 4 29 21 | 6° 2'22 | 18°46 | 23°29 | 10°19 | 2°35 | 11°50 | 3°27 | 2° 7 | 18°20 | 27°59 | 19°53 | 21° 8 | 15°49 | 21°32 | T 28 |
| W29 | 4 33 18 | 7° 2'56 | 0♉42 | 22°58 | 9°43 | 2°14 | 11°59 | 3°33 | 2°10 | 18°19 | 27°58 | 19°45 | 21° 5 | 15°56 | 21°34 | W29 |
| T 30 | 4 37 14 | 8♐ 3'32 | 12♉45 | 22♏38 | 9♐ 6 | 1♊53 | 12♒ 9 | 3♑40 | 2♐14 | 18♋18 | 27♊57 | 19♑37 | 21♑ 2 | 16♈ 3 | 21♒36 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s27 | 13n16 | 5n 1 | 23s35 | 2s56 | 28s 6 | 5s37 | 21n48 | 0s16 | 18s51 | 0s45 | 22s31 | 0n52 | 20s 1 | 0n11 | 21n14 | 0s52 | 14n58 | 8s25 | 21s36 | 21s30 | 9n43 | 8s10 | 6n37 |
| T 2 | 14 46 | 17 29 | 4 54 | 23 47 | 2 57 | 28 8 | 5 37 | 21 50 | 0 13 | 18 49 | 0 45 | 22 31 | 0 52 | 20 2 | 0 11 | 21 14 | 0 52 | 14 58 | 8 25 | 21 38 | 21 31 | 9 45 | 8 11 | 6 36 |
| F 3 | 15 5 | 21 1 | 4 34 | 23 57 | 2 58 | 28 9 | 5 36 | 21 51 | 0 9 | 18 48 | 0 45 | 22 31 | 0 52 | 20 3 | 0 11 | 21 14 | 0 52 | 14 57 | 8 25 | 21 40 | 21 31 | 9 48 | 8 11 | 6 36 |
| S 4 | 15 23 | 23 40 | 4 1 | 24 6 | 2 58 | 28 10 | 5 35 | 21 52 | 0 6 | 18 46 | 0 45 | 22 31 | 0 52 | 20 4 | 0 11 | 21 14 | 0 52 | 14 57 | 8 25 | 21 42 | 21 32 | 9 51 | 8 11 | 6 35 |
| S 5 | 15 41 | 25 14 | 3 17 | 24 13 | 2 57 | 28 10 | 5 34 | 21 53 | 0 3 | 18 45 | 0 45 | 22 31 | 0 52 | 20 4 | 0 11 | 21 14 | 0 52 | 14 57 | 8 25 | 21 44 | 21 32 | 9 54 | 8 12 | 6 35 |
| M 6 | 15 59 | 25 35 | 2 23 | 24 18 | 2 55 | 28 9 | 5 32 | 21 54 | 0 0 | 18 43 | 0 45 | 22 31 | 0 52 | 20 5 | 0 11 | 21 14 | 0 52 | 14 57 | 8 26 | 21 45 | 21 33 | 9 57 | 8 12 | 6 34 |
| T 7 | 16 17 | 24 37 | 1 21 | 24 21 | 2 53 | 28 8 | 5 29 | 21 55 | 0n 3 | 18 41 | 0 45 | 22 31 | 0 52 | 20 6 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 45 | 21 33 | 9 59 | 8 12 | 6 34 |
| W 8 | 16 34 | 22 20 | 0 13 | 24 22 | 2 49 | 28 6 | 5 27 | 21 56 | 0 6 | 18 39 | 0 45 | 22 31 | 0 52 | 20 7 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 45 | 21 34 | 10 2 | 8 13 | 6 33 |
| T 9 | 16 51 | 18 52 | 0s56 | 24 21 | 2 44 | 28 3 | 5 23 | 21 57 | 0 10 | 18 38 | 0 45 | 22 31 | 0 51 | 20 7 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 45 | 21 34 | 10 5 | 8 13 | 6 33 |
| F 10 | 17 8 | 14 21 | 2 4 | 24 17 | 2 38 | 27 59 | 5 20 | 21 57 | 0 13 | 18 36 | 0 45 | 22 31 | 0 51 | 20 8 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 45 | 21 35 | 10 8 | 8 13 | 6 32 |
| S 11 | 17 25 | 9 0 | 3 7 | 24 11 | 2 31 | 27 55 | 5 15 | 21 57 | 0 16 | 18 34 | 0 45 | 22 31 | 0 51 | 20 9 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 45 | 21 35 | 10 10 | 8 13 | 6 32 |
| S 12 | 17 41 | 3 4 | 4 0 | 24 1 | 2 22 | 27 50 | 5 10 | 21 58 | 0 19 | 18 32 | 0 45 | 22 31 | 0 51 | 20 10 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 46 | 21 36 | 10 13 | 8 14 | 6 31 |
| M13 | 17 57 | 3s10 | 4 39 | 23 49 | 2 12 | 27 44 | 5 5 | 21 58 | 0 23 | 18 30 | 0 44 | 22 32 | 0 51 | 20 10 | 0 11 | 21 15 | 0 52 | 14 57 | 8 26 | 21 46 | 21 36 | 10 16 | 8 14 | 6 31 |
| T 14 | 18 13 | 9 20 | 5 1 | 23 34 | 2 0 | 27 37 | 4 59 | 21 58 | 0 26 | 18 28 | 0 44 | 22 32 | 0 51 | 20 11 | 0 11 | 21 15 | 0 52 | 14 56 | 8 26 | 21 47 | 21 37 | 10 18 | 8 14 | 6 30 |
| W15 | 18 28 | 15 4 | 5 3 | 23 16 | 1 47 | 27 29 | 4 52 | 21 58 | 0 29 | 18 26 | 0 44 | 22 32 | 0 51 | 20 12 | 0 11 | 21 15 | 0 52 | 14 56 | 8 26 | 21 49 | 21 37 | 10 21 | 8 14 | 6 30 |
| T 16 | 18 43 | 19 54 | 4 44 | 22 54 | 1 31 | 27 20 | 4 45 | 21 57 | 0 32 | 18 24 | 0 44 | 22 32 | 0 51 | 20 13 | 0 11 | 21 15 | 0 52 | 14 56 | 8 26 | 21 50 | 21 38 | 10 24 | 8 14 | 6 29 |
| F 17 | 18 58 | 23 24 | 4 5 | 22 29 | 1 15 | 27 11 | 4 37 | 21 57 | 0 36 | 18 21 | 0 44 | 22 32 | 0 51 | 20 13 | 0 11 | 21 15 | 0 52 | 14 56 | 8 26 | 21 51 | 21 38 | 10 27 | 8 14 | 6 29 |
| S 18 | 19 12 | 25 17 | 3 11 | 22 1 | 0 57 | 27 0 | 4 29 | 21 57 | 0 39 | 18 19 | 0 44 | 22 32 | 0 50 | 20 14 | 0 11 | 21 15 | 0 52 | 14 56 | 8 26 | 21 52 | 21 39 | 10 29 | 8 14 | 6 28 |
| S 19 | 19 26 | 25 25 | 2 6 | 21 29 | 0 38 | 26 49 | 4 20 | 21 56 | 0 42 | 18 17 | 0 44 | 22 32 | 0 50 | 20 15 | 0 11 | 21 16 | 0 52 | 14 56 | 8 26 | 21 53 | 21 39 | 10 32 | 8 14 | 6 28 |
| M20 | 19 40 | 23 56 | 0 55 | 20 55 | 0 17 | 26 37 | 4 10 | 21 55 | 0 45 | 18 15 | 0 44 | 22 32 | 0 50 | 20 16 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 40 | 10 35 | 8 15 | 6 27 |
| T 21 | 19 53 | 21 7 | 0n17 | 20 20 | 0n 3 | 26 23 | 3 59 | 21 55 | 0 49 | 18 12 | 0 44 | 22 32 | 0 50 | 20 16 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 40 | 10 37 | 8 15 | 6 27 |
| W22 | 20 6 | 17 18 | 1 26 | 19 43 | 0 24 | 26 9 | 3 48 | 21 54 | 0 52 | 18 10 | 0 44 | 22 32 | 0 50 | 20 17 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 41 | 10 40 | 8 14 | 6 26 |
| T 23 | 20 19 | 12 49 | 2 28 | 19 6 | 0 44 | 25 54 | 3 37 | 21 53 | 0 55 | 18 7 | 0 44 | 22 32 | 0 50 | 20 18 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 41 | 10 43 | 8 14 | 6 26 |
| F 24 | 20 31 | 7 55 | 3 23 | 18 30 | 1 3 | 25 38 | 3 24 | 21 52 | 0 58 | 18 5 | 0 44 | 22 32 | 0 50 | 20 19 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 42 | 10 46 | 8 14 | 6 26 |
| S 25 | 20 43 | 2 49 | 4 7 | 17 57 | 1 21 | 25 21 | 3 12 | 21 50 | 1 1 | 18 2 | 0 44 | 22 31 | 0 50 | 20 19 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 53 | 21 42 | 10 48 | 8 14 | 6 25 |
| S 26 | 20 54 | 2n19 | 4 40 | 17 26 | 1 37 | 25 3 | 2 58 | 21 49 | 1 4 | 18 0 | 0 44 | 22 31 | 0 50 | 20 20 | 0 11 | 21 16 | 0 52 | 14 56 | 8 27 | 21 54 | 21 43 | 10 51 | 8 14 | 6 25 |
| M27 | 21 5 | 7 20 | 5 0 | 16 59 | 1 51 | 24 45 | 2 45 | 21 48 | 1 7 | 17 57 | 0 44 | 22 31 | 0 49 | 20 21 | 0 11 | 21 17 | 0 52 | 14 56 | 8 27 | 21 54 | 21 43 | 10 54 | 8 14 | 6 24 |
| T 28 | 21 16 | 12 5 | 5 8 | 16 37 | 2 3 | 24 26 | 2 30 | 21 46 | 1 10 | 17 55 | 0 44 | 22 31 | 0 49 | 20 22 | 0 11 | 21 17 | 0 52 | 14 56 | 8 27 | 21 55 | 21 44 | 10 56 | 8 14 | 6 24 |
| W29 | 21 26 | 16 25 | 5 3 | 16 20 | 2 13 | 24 6 | 2 16 | 21 45 | 1 12 | 17 52 | 0 44 | 22 31 | 0 49 | 20 22 | 0 11 | 21 17 | 0 52 | 14 56 | 8 27 | 21 56 | 21 44 | 10 59 | 8 14 | 6 23 |
| T 30 | 21s36 | 20n 8 | 4n44 | 16s 7 | 2n21 | 23s46 | 2s 1 | 21n43 | 1n15 | 17s49 | 0s44 | 22s31 | 0n49 | 20s23 | 0n11 | 21n17 | 0s52 | 14n55 | 8s27 | 21s57 | 21s45 | 11n 2 | 8s14 | 6n23 |

Julian Day Number = 2597946.5, Delta T = 08m41s
Ecliptic obliquity = 23°23'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'39, Lahiri = 29°27'40


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# ASTRODIENST EPHEMERIS for the year 2400
# geocentric

## DECEMBER 2400 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 41 11 | 9♐ 4'09 | 24♉56 | 22°D30 | 8°R30 | 1°R32 | 12♒19 | 3♑47 | 2♐18 | 18°R16 | 27°R56 | 19°R29 | 20♑59 | 16♈ 9 | 21♒38 | F 1 |
| S 2 | 4 45 7 | 10° 4'48 | 7♊18 | 22♏32 | 7♐53 | 1♊12 | 12°29 | 3°53 | 2°22 | 18♋15 | 27♊55 | 19♑22 | 20°56 | 16°16 | 21°40 | S 2 |
| S 3 | 4 49 4 | 11° 5'28 | 19°50 | 22°45 | 7°17 | 0°52 | 12°39 | 4° 0 | 2°25 | 18°14 | 27°54 | 19°17 | 20°53 | 16°23 | 21°43 | S 3 |
| M 4 | 4 53 0 | 12° 6'09 | 2♋32 | 23° 8 | 6°42 | 0°33 | 12°49 | 4° 7 | 2°29 | 18°13 | 27°53 | 19°13 | 20°49 | 16°30 | 21°45 | M 4 |
| T 5 | 4 56 57 | 13° 6'52 | 15°27 | 23°39 | 6° 7 | 0°14 | 12°59 | 4°13 | 2°33 | 18°11 | 27°52 | 19°D12 | 20°46 | 16°36 | 21°47 | T 5 |
| W 6 | 5 0 54 | 14° 7'36 | 28°33 | 24°18 | 5°33 | 29♉56 | 13°10 | 4°20 | 2°36 | 18°10 | 27°51 | 19°12 | 20°43 | 16°43 | 21°50 | W 6 |
| T 7 | 5 4 50 | 15° 8'21 | 11♌51 | 25° 4 | 5° 1 | 29°38 | 13°20 | 4°27 | 2°40 | 18° 9 | 27°49 | 19°14 | 20°40 | 16°50 | 21°52 | T 7 |
| F 8 | 5 8 47 | 16° 9'08 | 25°23 | 25°56 | 4°30 | 29°21 | 13°31 | 4°34 | 2°44 | 18° 7 | 27°48 | 19°15 | 20°37 | 16°56 | 21°55 | F 8 |
| S 9 | 5 12 43 | 17° 9'56 | 9♍ 8 | 26°53 | 4° 0 | 29° 4 | 13°41 | 4°41 | 2°47 | 18° 6 | 27°47 | 19°17 | 20°34 | 17° 3 | 21°57 | S 9 |
| S 10 | 5 16 40 | 18°10'46 | 23° 8 | 27°55 | 3°33 | 28°49 | 13°52 | 4°47 | 2°51 | 18° 4 | 27°46 | 19°R17 | 20°30 | 17°10 | 22° 0 | S 10 |
| M11 | 5 20 36 | 19°11'37 | 7♎21 | 29° 1 | 3° 8 | 28°34 | 14° 3 | 4°54 | 2°55 | 18° 3 | 27°45 | 19°16 | 20°27 | 17°17 | 22° 2 | M11 |
| T 12 | 5 24 33 | 20°12'30 | 21°46 | 0♐10 | 2°44 | 28°19 | 14°14 | 5° 1 | 2°58 | 18° 2 | 27°44 | 19°13 | 20°24 | 17°23 | 22° 5 | T 12 |
| W13 | 5 28 30 | 21°13'24 | 6♏19 | 1°23 | 2°23 | 28° 5 | 14°25 | 5° 8 | 3° 2 | 18° 0 | 27°42 | 19° 9 | 20°21 | 17°30 | 22° 8 | W13 |
| T 14 | 5 32 26 | 22°14'19 | 20°54 | 2°38 | 2° 4 | 27°53 | 14°37 | 5°15 | 3° 5 | 17°59 | 27°41 | 19° 5 | 20°18 | 17°37 | 22°11 | T 14 |
| F 15 | 5 36 23 | 23°15'15 | 5♐25 | 3°55 | 1°48 | 27°40 | 14°48 | 5°22 | 3° 9 | 17°57 | 27°40 | 19° 1 | 20°14 | 17°44 | 22°14 | F 15 |
| S 16 | 5 40 19 | 24°16'13 | 19°46 | 5°15 | 1°34 | 27°29 | 14°59 | 5°29 | 3°13 | 17°56 | 27°39 | 18°58 | 20°11 | 17°50 | 22°17 | S 16 |
| S 17 | 5 44 16 | 25°17'12 | 3♑50 | 6°36 | 1°23 | 27°19 | 15°11 | 5°36 | 3°16 | 17°54 | 27°38 | 18°56 | 20° 8 | 17°57 | 22°20 | S 17 |
| M18 | 5 48 12 | 26°18'11 | 17°35 | 7°58 | 1°14 | 27° 9 | 15°22 | 5°43 | 3°20 | 17°52 | 27°37 | 18°D55 | 20° 5 | 18° 4 | 22°23 | M18 |
| T 19 | 5 52 9 | 27°19'11 | 0♒58 | 9°22 | 1° 7 | 27° 0 | 15°34 | 5°50 | 3°23 | 17°51 | 27°36 | 18°56 | 20° 2 | 18°10 | 22°26 | T 19 |
| W20 | 5 56 5 | 28°20'11 | 13°57 | 10°46 | 1° 3 | 26°52 | 15°46 | 5°57 | 3°27 | 17°49 | 27°34 | 18°57 | 19°59 | 18°17 | 22°29 | W20 |
| T 21 | 6 0 2 | 29°21'13 | 26°36 | 12°12 | 1°D 1 | 26°45 | 15°58 | 6° 4 | 3°30 | 17°48 | 27°33 | 18°59 | 19°55 | 18°24 | 22°32 | T 21 |
| F 22 | 6 3 59 | 0♑22'14 | 8♓57 | 13°39 | 1° 2 | 26°38 | 16°10 | 6°11 | 3°34 | 17°46 | 27°32 | 19° 0 | 19°52 | 18°31 | 22°35 | F 22 |
| S 23 | 6 7 55 | 1°23'16 | 21° 4 | 15° 6 | 1° 5 | 26°33 | 16°22 | 6°18 | 3°37 | 17°45 | 27°31 | 19° 1 | 19°49 | 18°37 | 22°39 | S 23 |
| S 24 | 6 11 52 | 2°24'19 | 3♈ 1 | 16°34 | 1°11 | 26°28 | 16°34 | 6°25 | 3°40 | 17°43 | 27°30 | 19°R 2 | 19°46 | 18°44 | 22°42 | S 24 |
| M25 | 6 15 48 | 3°25'21 | 14°54 | 18° 2 | 1°19 | 26°24 | 16°46 | 6°32 | 3°44 | 17°41 | 27°28 | 19° 1 | 19°43 | 18°51 | 22°45 | M25 |
| T 26 | 6 19 45 | 4°26'25 | 26°47 | 19°31 | 1°29 | 26°21 | 16°59 | 6°39 | 3°47 | 17°40 | 27°27 | 19° 0 | 19°40 | 18°58 | 22°49 | T 26 |
| W27 | 6 23 41 | 5°27'28 | 8♉44 | 21° 0 | 1°41 | 26°19 | 17°11 | 6°47 | 3°50 | 17°38 | 27°26 | 18°58 | 19°36 | 19° 4 | 22°52 | W27 |
| T 28 | 6 27 38 | 6°28'32 | 20°50 | 22°30 | 1°56 | 26°17 | 17°23 | 6°54 | 3°54 | 17°36 | 27°25 | 18°56 | 19°33 | 19°11 | 22°56 | T 28 |
| F 29 | 6 31 34 | 7°29'36 | 3♊ 8 | 24° 0 | 2°12 | 26°D17 | 17°36 | 7° 1 | 3°57 | 17°35 | 27°24 | 18°55 | 19°30 | 19°18 | 23° 0 | F 29 |
| S 30 | 6 35 31 | 8°30'41 | 15°39 | 25°31 | 2°31 | 26°17 | 17°49 | 7° 8 | 4° 0 | 17°33 | 27°23 | 18°53 | 19°27 | 19°24 | 23° 3 | S 30 |
| S 31 | 6 39 28 | 9♑31'46 | 28♊26 | 27♐ 2 | 2♐51 | 26♉18 | 18♒ 1 | 7♑15 | 4♐ 3 | 17♋31 | 27♊22 | 18♑52 | 19♑24 | 19♈31 | 23♒ 7 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s46 | 23n 2 | 4n12 | 15s59 | 2n27 | 23s25 | 1s46 | 21n42 | 1n18 | 17s46 | 0s44 | 22s31 | 0n49 | 20s24 | 0n11 | 21n17 | 0s52 | 14n55 | 8s27 | 21s59 | 21s45 | 11n 4 | 8s13 | 6n22 |
| S 2 | 21 55 | 24 54 | 3 28 | 15 56 | 2 31 | 23 4 | 1 30 | 21 40 | 1 21 | 17 44 | 0 44 | 22 31 | 0 49 | 20 25 | 0 11 | 21 17 | 0 52 | 14 55 | 8 27 | 22 0 | 21 46 | 11 7 | 8 13 | 6 22 |
| S 3 | 22 3 | 25 32 | 2 33 | 15 57 | 2 33 | 22 43 | 1 15 | 21 39 | 1 23 | 17 41 | 0 44 | 22 31 | 0 49 | 20 25 | 0 11 | 21 17 | 0 52 | 14 55 | 8 27 | 22 0 | 21 46 | 11 10 | 8 13 | 6 21 |
| M 4 | 22 12 | 24 51 | 1 29 | 16 2 | 2 34 | 22 21 | 0 59 | 21 37 | 1 26 | 17 38 | 0 44 | 22 31 | 0 49 | 20 26 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 1 | 21 47 | 11 12 | 8 12 | 6 21 |
| T 5 | 22 19 | 22 50 | 0 20 | 16 10 | 2 34 | 22 0 | 0 44 | 21 35 | 1 28 | 17 35 | 0 44 | 22 31 | 0 49 | 20 27 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 1 | 21 47 | 11 15 | 8 12 | 6 20 |
| W 6 | 22 27 | 19 35 | 0s51 | 16 21 | 2 32 | 21 39 | 0 28 | 21 34 | 1 30 | 17 32 | 0 44 | 22 31 | 0 49 | 20 28 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 1 | 21 48 | 11 18 | 8 12 | 6 20 |
| T 7 | 22 34 | 15 16 | 2 0 | 16 35 | 2 29 | 21 18 | 0 13 | 21 32 | 1 33 | 17 29 | 0 44 | 22 30 | 0 48 | 20 28 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 1 | 21 48 | 11 20 | 8 11 | 6 20 |
| F 8 | 22 40 | 10 8 | 3 5 | 16 50 | 2 26 | 20 57 | 0n 2 | 21 31 | 1 35 | 17 26 | 0 44 | 22 30 | 0 48 | 20 29 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 1 | 21 49 | 11 23 | 8 11 | 6 19 |
| S 9 | 22 46 | 4 25 | 3 59 | 17 8 | 2 21 | 20 37 | 0 17 | 21 29 | 1 37 | 17 23 | 0 44 | 22 30 | 0 48 | 20 30 | 0 11 | 21 18 | 0 52 | 14 55 | 8 27 | 22 0 | 21 49 | 11 26 | 8 11 | 6 19 |
| S 10 | 22 52 | 1s35 | 4 41 | 17 26 | 2 16 | 20 18 | 0 32 | 21 28 | 1 39 | 17 20 | 0 44 | 22 30 | 0 48 | 20 30 | 0 11 | 21 19 | 0 52 | 14 55 | 8 27 | 22 0 | 21 50 | 11 28 | 8 10 | 6 18 |
| M11 | 22 57 | 7 36 | 5 6 | 17 46 | 2 11 | 19 59 | 0 46 | 21 26 | 1 41 | 17 16 | 0 44 | 22 30 | 0 48 | 20 31 | 0 11 | 21 19 | 0 52 | 14 55 | 8 27 | 22 0 | 21 50 | 11 31 | 8 10 | 6 18 |
| T 12 | 23 2 | 13 18 | 5 12 | 18 7 | 2 5 | 19 40 | 1 0 | 21 25 | 1 43 | 17 13 | 0 44 | 22 30 | 0 48 | 20 32 | 0 11 | 21 19 | 0 52 | 14 55 | 8 27 | 22 1 | 21 51 | 11 33 | 8 9 | 6 17 |
| W13 | 23 6 | 18 18 | 4 59 | 18 28 | 1 58 | 19 23 | 1 14 | 21 24 | 1 45 | 17 10 | 0 44 | 22 29 | 0 48 | 20 33 | 0 11 | 21 19 | 0 52 | 14 55 | 8 27 | 22 1 | 21 51 | 11 36 | 8 9 | 6 17 |
| T 14 | 23 10 | 22 13 | 4 26 | 18 49 | 1 52 | 19 6 | 1 27 | 21 23 | 1 47 | 17 7 | 0 44 | 22 29 | 0 48 | 20 33 | 0 11 | 21 19 | 0 52 | 14 55 | 8 27 | 22 2 | 21 51 | 11 39 | 8 8 | 6 17 |
| F 15 | 23 13 | 24 42 | 3 36 | 19 10 | 1 45 | 18 51 | 1 40 | 21 22 | 1 49 | 17 3 | 0 44 | 22 29 | 0 48 | 20 34 | 0 11 | 21 20 | 0 52 | 14 55 | 8 27 | 22 2 | 21 52 | 11 41 | 8 8 | 6 16 |
| S 16 | 23 16 | 25 33 | 2 33 | 19 32 | 1 37 | 18 36 | 1 52 | 21 21 | 1 50 | 17 0 | 0 44 | 22 29 | 0 48 | 20 35 | 0 11 | 21 20 | 0 52 | 14 55 | 8 27 | 22 3 | 21 52 | 11 44 | 8 7 | 6 16 |
| S 17 | 23 18 | 24 42 | 1 22 | 19 53 | 1 30 | 18 22 | 2 4 | 21 20 | 1 52 | 16 57 | 0 44 | 22 29 | 0 48 | 20 35 | 0 11 | 21 20 | 0 52 | 14 55 | 8 27 | 22 3 | 21 53 | 11 47 | 8 7 | 6 15 |
| M18 | 23 20 | 22 21 | 0 7 | 20 14 | 1 23 | 18 9 | 2 15 | 21 19 | 1 53 | 16 53 | 0 44 | 22 28 | 0 48 | 20 36 | 0 11 | 21 20 | 0 52 | 14 55 | 8 27 | 22 3 | 21 53 | 11 49 | 8 6 | 6 15 |
| T 19 | 23 22 | 18 50 | 1n 6 | 20 34 | 1 15 | 17 57 | 2 26 | 21 19 | 1 55 | 16 50 | 0 44 | 22 28 | 0 47 | 20 37 | 0 11 | 21 20 | 0 52 | 14 55 | 8 27 | 22 3 | 21 54 | 11 52 | 8 5 | 6 15 |
| W20 | 23 23 | 14 28 | 2 14 | 20 54 | 1 7 | 17 46 | 2 36 | 21 18 | 1 56 | 16 46 | 0 44 | 22 28 | 0 47 | 20 37 | 0 11 | 21 21 | 0 52 | 14 55 | 8 27 | 22 3 | 21 54 | 11 54 | 8 5 | 6 14 |
| T 21 | 23 23 | 9 36 | 3 13 | 21 13 | 1 0 | 17 36 | 2 46 | 21 18 | 1 58 | 16 43 | 0 44 | 22 28 | 0 47 | 20 38 | 0 11 | 21 21 | 0 52 | 14 55 | 8 27 | 22 3 | 21 55 | 11 57 | 8 4 | 6 14 |
| F 22 | 23 23 | 4 27 | 4 2 | 21 32 | 0 52 | 17 28 | 2 55 | 21 17 | 1 59 | 16 39 | 0 43 | 22 27 | 0 47 | 20 39 | 0 11 | 21 21 | 0 52 | 14 55 | 8 27 | 22 3 | 21 55 | 12 0 | 8 4 | 6 14 |
| S 23 | 23 23 | 0n45 | 4 39 | 21 49 | 0 44 | 17 20 | 3 4 | 21 17 | 2 0 | 16 35 | 0 43 | 22 27 | 0 47 | 20 39 | 0 11 | 21 21 | 0 52 | 14 55 | 8 26 | 22 3 | 21 56 | 12 2 | 8 3 | 6 13 |
| S 24 | 23 22 | 5 51 | 5 4 | 22 6 | 0 37 | 17 13 | 3 12 | 21 17 | 2 1 | 16 32 | 0 43 | 22 27 | 0 47 | 20 40 | 0 11 | 21 21 | 0 52 | 14 56 | 8 26 | 22 2 | 21 56 | 12 5 | 8 2 | 6 13 |
| M25 | 23 21 | 10 42 | 5 15 | 22 22 | 0 29 | 17 7 | 3 20 | 21 17 | 2 2 | 16 28 | 0 43 | 22 27 | 0 47 | 20 41 | 0 11 | 21 22 | 0 52 | 14 56 | 8 26 | 22 3 | 21 57 | 12 7 | 8 1 | 6 12 |
| T 26 | 23 19 | 15 10 | 5 13 | 22 37 | 0 21 | 17 1 | 3 27 | 21 18 | 2 3 | 16 24 | 0 43 | 22 26 | 0 47 | 20 41 | 0 11 | 21 22 | 0 52 | 14 56 | 8 26 | 22 3 | 21 57 | 12 10 | 8 1 | 6 12 |
| W27 | 23 17 | 19 4 | 4 57 | 22 51 | 0 14 | 16 57 | 3 34 | 21 18 | 2 4 | 16 21 | 0 43 | 22 26 | 0 47 | 20 42 | 0 11 | 21 22 | 0 52 | 14 56 | 8 26 | 22 3 | 21 58 | 12 13 | 8 0 | 6 12 |
| T 28 | 23 14 | 22 14 | 4 28 | 23 4 | 0 7 | 16 54 | 3 41 | 21 19 | 2 5 | 16 17 | 0 43 | 22 26 | 0 47 | 20 42 | 0 11 | 21 22 | 0 52 | 14 56 | 8 26 | 22 3 | 21 58 | 12 15 | 7 59 | 6 11 |
| F 29 | 23 11 | 24 27 | 3 47 | 23 16 | 0s 1 | 16 51 | 3 46 | 21 19 | 2 6 | 16 13 | 0 43 | 22 25 | 0 47 | 20 43 | 0 11 | 21 22 | 0 52 | 14 56 | 8 26 | 22 3 | 21 58 | 12 18 | 7 58 | 6 11 |
| S 30 | 23 7 | 25 30 | 2 54 | 23 27 | 0 8 | 16 50 | 3 52 | 21 20 | 2 7 | 16 9 | 0 43 | 22 25 | 0 47 | 20 44 | 0 11 | 21 23 | 0 52 | 14 56 | 8 26 | 22 4 | 21 59 | 12 20 | 7 57 | 6 11 |
| S 31 | 23s 3 | 25n13 | 1n51 | 23s36 | 0s15 | 16s49 | 3n57 | 21n21 | 2n 8 | 16s 5 | 0s43 | 22s25 | 0n47 | 20s44 | 0n11 | 21n23 | 0s52 | 14n56 | 8s26 | 22s 4 | 21s59 | 12n23 | 7s57 | 6n10 |

Julian Day Number = 2597976.5, Delta T = 08m42s
Ecliptic obliquity = 23°23'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'43, Lahiri = 29°27'44


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## JANUARY 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 43 24 | 10♑32'51 | 11♋29 | 28♐33 | 3♐14 | 26♉20 | 18♒14 | 7♑22 | 4♐ 7 | 17°R30 | 27°R20 | 18°R51 | 19♑20 | 19♈38 | 23♒10 | M 1 |
| T 2 | 6 47 21 | 11°33'57 | 24°47 | 0♑ 4 | 3°38 | 26°22 | 18°27 | 7°29 | 4°10 | 17♋28 | 27♊19 | 18°D51 | 19°17 | 19°45 | 23°14 | T 2 |
| W 3 | 6 51 17 | 12°35'03 | 8♌19 | 1°36 | 4° 4 | 26°25 | 18°40 | 7°36 | 4°13 | 17°26 | 27°18 | 18♑52 | 19°14 | 19°51 | 23°18 | W 3 |
| T 4 | 6 55 14 | 13°36'09 | 22° 3 | 3° 8 | 4°32 | 26°29 | 18°53 | 7°43 | 4°16 | 17°25 | 27°17 | 18°52 | 19°11 | 19°58 | 23°22 | T 4 |
| F 5 | 6 59 10 | 14°37'15 | 5♍58 | 4°41 | 5° 2 | 26°34 | 19° 6 | 7°50 | 4°19 | 17°23 | 27°16 | 18°53 | 19° 8 | 20° 5 | 23°26 | F 5 |
| S 6 | 7 3 7 | 15°38'22 | 19°59 | 6°13 | 5°33 | 26°39 | 19°19 | 7°57 | 4°22 | 17°21 | 27°15 | 18°53 | 19° 5 | 20°11 | 23°29 | S 6 |
| S 7 | 7 7 3 | 16°39'30 | 4♎ 7 | 7°46 | 6° 5 | 26°45 | 19°32 | 8° 4 | 4°25 | 17°19 | 27°14 | 18°53 | 19° 1 | 20°18 | 23°33 | S 7 |
| M 8 | 7 11 0 | 17°40'38 | 18°18 | 9°20 | 6°39 | 26°52 | 19°45 | 8°11 | 4°28 | 17°18 | 27°13 | 18°R53 | 18°58 | 20°25 | 23°37 | M 8 |
| T 9 | 7 14 57 | 18°41'46 | 2♏29 | 10°53 | 7°15 | 26°59 | 19°58 | 8°18 | 4°31 | 17°16 | 27°12 | 18°D53 | 18°55 | 20°32 | 23°41 | T 9 |
| W10 | 7 18 53 | 19°42'55 | 16°40 | 12°27 | 7°52 | 27° 8 | 20°12 | 8°25 | 4°34 | 17°14 | 27°10 | 18°53 | 18°52 | 20°38 | 23°45 | W10 |
| T 11 | 7 22 50 | 20°44'04 | 0♐47 | 14° 2 | 8°30 | 27°16 | 20°25 | 8°32 | 4°37 | 17°13 | 27° 9 | 18°53 | 18°49 | 20°45 | 23°49 | T 11 |
| F 12 | 7 26 46 | 21°45'14 | 14°48 | 15°36 | 9°10 | 27°26 | 20°38 | 8°39 | 4°40 | 17°11 | 27° 8 | 18°54 | 18°46 | 20°52 | 23°54 | F 12 |
| S 13 | 7 30 43 | 22°46'23 | 28°39 | 17°12 | 9°50 | 27°36 | 20°52 | 8°46 | 4°43 | 17° 9 | 27° 7 | 18°54 | 18°42 | 20°59 | 23°58 | S 13 |
| S 14 | 7 34 39 | 23°47'33 | 12♑18 | 18°47 | 10°32 | 27°47 | 21° 5 | 8°53 | 4°45 | 17° 8 | 27° 6 | 18°R54 | 18°39 | 21° 5 | 24° 2 | S 14 |
| M15 | 7 38 36 | 24°48'42 | 25°44 | 20°23 | 11°15 | 27°58 | 21°19 | 9° 0 | 4°48 | 17° 6 | 27° 5 | 18°54 | 18°36 | 21°12 | 24° 6 | M15 |
| T 16 | 7 42 33 | 25°49'52 | 8♒53 | 21°59 | 11°59 | 28°10 | 21°32 | 9° 7 | 4°51 | 17° 4 | 27° 4 | 18°54 | 18°33 | 21°19 | 24°10 | T 16 |
| W17 | 7 46 29 | 26°51'00 | 21°45 | 23°36 | 12°44 | 28°22 | 21°46 | 9°14 | 4°53 | 17° 3 | 27° 3 | 18°53 | 18°30 | 21°25 | 24°14 | W17 |
| T 18 | 7 50 26 | 27°52'09 | 4♓21 | 25°13 | 13°30 | 28°35 | 22° 0 | 9°21 | 4°56 | 17° 1 | 27° 2 | 18°52 | 18°26 | 21°32 | 24°19 | T 18 |
| F 19 | 7 54 22 | 28°53'17 | 16°41 | 26°51 | 14°17 | 28°49 | 22°14 | 9°27 | 4°59 | 16°59 | 27° 1 | 18°51 | 18°23 | 21°39 | 24°23 | F 19 |
| S 20 | 7 58 19 | 29°54'24 | 28°49 | 28°29 | 15° 5 | 29° 3 | 22°27 | 9°34 | 5° 1 | 16°58 | 27° 0 | 18°49 | 18°20 | 21°46 | 24°27 | S 20 |
| S 21 | 8 2 15 | 0♒55'31 | 10♈48 | 0♒ 8 | 15°53 | 29°18 | 22°41 | 9°41 | 5° 4 | 16°56 | 26°59 | 18°48 | 18°17 | 21°52 | 24°31 | S 21 |
| M22 | 8 6 12 | 1°56'37 | 22°41 | 1°47 | 16°43 | 29°33 | 22°55 | 9°48 | 5° 6 | 16°54 | 26°58 | 18°47 | 18°14 | 21°59 | 24°36 | M22 |
| T 23 | 8 10 8 | 2°57'43 | 4♉34 | 3°26 | 17°33 | 29°48 | 23° 9 | 9°54 | 5° 9 | 16°53 | 26°58 | 18°D47 | 18°11 | 22° 6 | 24°40 | T 23 |
| W24 | 8 14 5 | 3°58'48 | 16°30 | 5° 7 | 18°24 | 0♊ 5 | 23°23 | 10° 1 | 5°11 | 16°51 | 26°57 | 18°47 | 18° 7 | 22°13 | 24°45 | W24 |
| T 25 | 8 18 2 | 4°59'52 | 28°35 | 6°47 | 19°16 | 0°21 | 23°37 | 10° 8 | 5°13 | 16°49 | 26°56 | 18°48 | 18° 4 | 22°19 | 24°49 | T 25 |
| F 26 | 8 21 58 | 6° 0'55 | 10♊53 | 8°28 | 20° 8 | 0°39 | 23°51 | 10°14 | 5°16 | 16°48 | 26°55 | 18°50 | 18° 1 | 22°26 | 24°53 | F 26 |
| S 27 | 8 25 55 | 7° 1'58 | 23°29 | 10°10 | 21° 2 | 0°56 | 24° 5 | 10°21 | 5°18 | 16°46 | 26°54 | 18°51 | 17°58 | 22°33 | 24°58 | S 27 |
| S 28 | 8 29 51 | 8° 2'59 | 6♋24 | 11°52 | 21°55 | 1°14 | 24°19 | 10°28 | 5°20 | 16°45 | 26°53 | 18°52 | 17°55 | 22°39 | 25° 2 | S 28 |
| M29 | 8 33 48 | 9° 4'00 | 19°41 | 13°35 | 22°50 | 1°33 | 24°33 | 10°34 | 5°22 | 16°43 | 26°52 | 18°R53 | 17°52 | 22°46 | 25° 7 | M29 |
| T 30 | 8 37 44 | 10° 5'00 | 3♌20 | 15°18 | 23°45 | 1°52 | 24°47 | 10°41 | 5°24 | 16°42 | 26°51 | 18°52 | 17°48 | 22°53 | 25°11 | T 30 |
| W31 | 8 41 41 | 11♒ 6'00 | 17♌18 | 17♒ 2 | 24♐41 | 2♊11 | 25♒ 1 | 10♑47 | 5♐26 | 16♋40 | 26♊51 | 18♑50 | 17♑45 | 23♈ 0 | 25♒16 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22s58 | 23n34 | 0n41 | 23s45 | 0s22 | 16s48 | 4n 2 | 21n22 | 2n 8 | 16s 1 | 0s43 | 22s25 | 0n47 | 20s45 | 0n11 | 21n23 | 0s52 | 14n56 | 8s26 | 22s 4 | 22s 0 | 12n25 | 7s56 | 6n10 |
| T 2 | 22 53 | 20 35 | 0s33 | 23 52 | 0 29 | 16 49 | 4 6 | 21 23 | 2 9 | 15 57 | 0 43 | 22 24 | 0 46 | 20 45 | 0 11 | 21 23 | 0 52 | 14 56 | 8 26 | 22 4 | 22 0 | 12 28 | 7 55 | 6 10 |
| W 3 | 22 48 | 16 26 | 1 46 | 23 58 | 0 35 | 16 50 | 4 10 | 21 25 | 2 10 | 15 53 | 0 44 | 22 24 | 0 46 | 20 46 | 0 11 | 21 24 | 0 52 | 14 56 | 8 26 | 22 4 | 22 1 | 12 31 | 7 54 | 6 9 |
| T 4 | 22 42 | 11 23 | 2 54 | 24 3 | 0 42 | 16 51 | 4 13 | 21 26 | 2 10 | 15 49 | 0 44 | 22 24 | 0 46 | 20 47 | 0 11 | 21 24 | 0 52 | 14 56 | 8 26 | 22 4 | 22 1 | 12 33 | 7 53 | 6 9 |
| F 5 | 22 35 | 5 42 | 3 53 | 24 7 | 0 48 | 16 53 | 4 16 | 21 28 | 2 11 | 15 45 | 0 44 | 22 23 | 0 46 | 20 47 | 0 11 | 21 24 | 0 52 | 14 56 | 8 25 | 22 4 | 22 2 | 12 36 | 7 52 | 6 9 |
| S 6 | 22 28 | 0s18 | 4 38 | 24 9 | 0 54 | 16 56 | 4 19 | 21 30 | 2 11 | 15 41 | 0 44 | 22 23 | 0 46 | 20 48 | 0 11 | 21 24 | 0 52 | 14 56 | 8 25 | 22 4 | 22 2 | 12 38 | 7 51 | 6 9 |
| S 7 | 22 21 | 6 19 | 5 7 | 24 10 | 1 0 | 16 59 | 4 21 | 21 32 | 2 12 | 15 37 | 0 44 | 22 22 | 0 46 | 20 48 | 0 11 | 21 25 | 0 52 | 14 56 | 8 25 | 22 4 | 22 2 | 12 41 | 7 50 | 6 8 |
| M 8 | 22 13 | 12 2 | 5 17 | 24 10 | 1 6 | 17 3 | 4 23 | 21 34 | 2 12 | 15 33 | 0 44 | 22 22 | 0 46 | 20 49 | 0 11 | 21 25 | 0 52 | 14 56 | 8 25 | 22 4 | 22 3 | 12 43 | 7 49 | 6 8 |
| T 9 | 22 5 | 17 8 | 5 8 | 24 8 | 1 12 | 17 7 | 4 25 | 21 36 | 2 13 | 15 29 | 0 44 | 22 22 | 0 46 | 20 49 | 0 11 | 21 25 | 0 52 | 14 57 | 8 25 | 22 4 | 22 3 | 12 46 | 7 48 | 6 8 |
| W10 | 21 57 | 21 16 | 4 41 | 24 5 | 1 17 | 17 11 | 4 27 | 21 38 | 2 13 | 15 25 | 0 44 | 22 21 | 0 46 | 20 50 | 0 11 | 21 25 | 0 52 | 14 57 | 8 25 | 22 4 | 22 4 | 12 48 | 7 47 | 6 7 |
| T 11 | 21 48 | 24 7 | 3 56 | 24 1 | 1 22 | 17 16 | 4 28 | 21 40 | 2 13 | 15 20 | 0 44 | 22 21 | 0 46 | 20 50 | 0 11 | 21 25 | 0 52 | 14 57 | 8 25 | 22 4 | 22 4 | 12 51 | 7 46 | 6 7 |
| F 12 | 21 38 | 25 28 | 2 58 | 23 55 | 1 27 | 17 21 | 4 29 | 21 43 | 2 14 | 15 16 | 0 44 | 22 21 | 0 46 | 20 51 | 0 11 | 21 26 | 0 52 | 14 57 | 8 25 | 22 4 | 22 5 | 12 53 | 7 45 | 6 7 |
| S 13 | 21 28 | 25 13 | 1 50 | 23 48 | 1 32 | 17 26 | 4 29 | 21 45 | 2 14 | 15 12 | 0 44 | 22 20 | 0 46 | 20 52 | 0 11 | 21 26 | 0 52 | 14 57 | 8 25 | 22 3 | 22 5 | 12 56 | 7 44 | 6 7 |
| S 14 | 21 18 | 23 26 | 0 37 | 23 40 | 1 36 | 17 32 | 4 30 | 21 48 | 2 14 | 15 8 | 0 44 | 22 20 | 0 46 | 20 52 | 0 11 | 21 26 | 0 52 | 14 57 | 8 24 | 22 3 | 22 6 | 12 58 | 7 43 | 6 6 |
| M15 | 21 7 | 20 20 | 0n38 | 23 30 | 1 40 | 17 37 | 4 30 | 21 51 | 2 14 | 15 3 | 0 44 | 22 19 | 0 46 | 20 53 | 0 11 | 21 26 | 0 52 | 14 57 | 8 24 | 22 3 | 22 6 | 13 1 | 7 42 | 6 6 |
| T 16 | 20 56 | 16 15 | 1 48 | 23 19 | 1 44 | 17 43 | 4 30 | 21 54 | 2 14 | 14 59 | 0 44 | 22 19 | 0 46 | 20 53 | 0 11 | 21 27 | 0 52 | 14 57 | 8 24 | 22 4 | 22 6 | 13 3 | 7 40 | 6 6 |
| W17 | 20 45 | 11 31 | 2 52 | 23 6 | 1 48 | 17 49 | 4 30 | 21 56 | 2 15 | 14 55 | 0 44 | 22 18 | 0 46 | 20 54 | 0 11 | 21 27 | 0 52 | 14 57 | 8 24 | 22 4 | 22 7 | 13 6 | 7 39 | 6 6 |
| T 18 | 20 33 | 6 23 | 3 46 | 22 52 | 1 51 | 17 55 | 4 29 | 22 0 | 2 15 | 14 50 | 0 44 | 22 18 | 0 46 | 20 54 | 0 11 | 21 27 | 0 52 | 14 58 | 8 24 | 22 4 | 22 7 | 13 8 | 7 38 | 6 6 |
| F 19 | 20 20 | 1 7 | 4 28 | 22 37 | 1 54 | 18 1 | 4 28 | 22 3 | 2 15 | 14 46 | 0 44 | 22 18 | 0 46 | 20 54 | 0 11 | 21 27 | 0 52 | 14 58 | 8 24 | 22 4 | 22 8 | 13 11 | 7 37 | 6 5 |
| S 20 | 20 8 | 4n 5 | 4 57 | 22 20 | 1 57 | 18 7 | 4 27 | 22 6 | 2 15 | 14 41 | 0 44 | 22 17 | 0 46 | 20 55 | 0 11 | 21 27 | 0 52 | 14 58 | 8 24 | 22 4 | 22 8 | 13 13 | 7 36 | 6 5 |
| S 21 | 19 55 | 9 4 | 5 13 | 22 1 | 1 59 | 18 14 | 4 26 | 22 9 | 2 15 | 14 37 | 0 44 | 22 17 | 0 46 | 20 55 | 0 11 | 21 28 | 0 52 | 14 58 | 8 23 | 22 4 | 22 9 | 13 16 | 7 35 | 6 5 |
| M22 | 19 41 | 13 41 | 5 15 | 21 42 | 2 1 | 18 20 | 4 25 | 22 12 | 2 15 | 14 32 | 0 44 | 22 16 | 0 45 | 20 56 | 0 11 | 21 28 | 0 52 | 14 58 | 8 23 | 22 4 | 22 9 | 13 18 | 7 33 | 6 5 |
| T 23 | 19 27 | 17 47 | 5 4 | 21 20 | 2 3 | 18 26 | 4 23 | 22 16 | 2 15 | 14 28 | 0 44 | 22 16 | 0 45 | 20 56 | 0 11 | 21 28 | 0 52 | 14 58 | 8 23 | 22 5 | 22 9 | 13 21 | 7 32 | 6 5 |
| W24 | 19 13 | 21 12 | 4 40 | 20 58 | 2 4 | 18 32 | 4 22 | 22 19 | 2 15 | 14 23 | 0 44 | 22 15 | 0 45 | 20 57 | 0 11 | 21 28 | 0 52 | 14 58 | 8 23 | 22 4 | 22 10 | 13 23 | 7 31 | 6 4 |
| T 25 | 18 59 | 23 45 | 4 3 | 20 33 | 2 5 | 18 38 | 4 20 | 22 23 | 2 15 | 14 19 | 0 44 | 22 15 | 0 45 | 20 57 | 0 11 | 21 29 | 0 52 | 14 58 | 8 23 | 22 4 | 22 10 | 13 26 | 7 30 | 6 4 |
| F 26 | 18 44 | 25 14 | 3 15 | 20 8 | 2 6 | 18 44 | 4 18 | 22 26 | 2 15 | 14 14 | 0 44 | 22 14 | 0 45 | 20 57 | 0 11 | 21 29 | 0 52 | 14 59 | 8 23 | 22 4 | 22 11 | 13 28 | 7 28 | 6 4 |
| S 27 | 18 28 | 25 29 | 2 16 | 19 41 | 2 6 | 18 50 | 4 16 | 22 30 | 2 15 | 14 9 | 0 44 | 22 14 | 0 45 | 20 58 | 0 11 | 21 29 | 0 52 | 14 59 | 8 22 | 22 4 | 22 11 | 13 31 | 7 27 | 6 4 |
| S 28 | 18 13 | 24 22 | 1 8 | 19 12 | 2 6 | 18 56 | 4 13 | 22 34 | 2 15 | 14 5 | 0 44 | 22 14 | 0 45 | 20 58 | 0 11 | 21 29 | 0 52 | 14 59 | 8 22 | 22 4 | 22 12 | 13 33 | 7 26 | 6 4 |
| M29 | 17 57 | 21 52 | 0s 4 | 18 42 | 2 5 | 19 1 | 4 11 | 22 37 | 2 15 | 14 0 | 0 44 | 22 13 | 0 45 | 20 59 | 0 11 | 21 29 | 0 52 | 14 59 | 8 22 | 22 4 | 22 12 | 13 36 | 7 24 | 6 3 |
| T 30 | 17 41 | 18 6 | 1 19 | 18 11 | 2 4 | 19 7 | 4 8 | 22 41 | 2 15 | 13 56 | 0 44 | 22 13 | 0 45 | 20 59 | 0 11 | 21 30 | 0 52 | 14 59 | 8 22 | 22 4 | 22 12 | 13 38 | 7 23 | 6 3 |
| W31 | 17s24 | 13n14 | 2s30 | 17s38 | 2s 2 | 19s12 | 4n 5 | 22n45 | 2n14 | 13s51 | 0s44 | 22s12 | 0n45 | 20s59 | 0n11 | 21n30 | 0s52 | 14n59 | 8s22 | 22s 4 | 22s13 | 13n41 | 7s22 | 6n 3 |

Julian Day Number = 2598007.5, Delta T = 08m42s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'47, Lahiri = 29°27'48


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## FEBRUARY 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 37 | 12♒ 6'58 | 1♍32 | 18♒46 | 25♐37 | 2♊31 | 25♒16 | 10♑53 | 5♐28 | 16°R39 | 26°R50 | 18°R48 | 17♑42 | 23♈ 6 | 25♒20 | T 1 |
| F 2 | 8 49 34 | 13° 7'56 | 15°56 | 20°30 | 26°34 | 2°51 | 25°30 | 11° 0 | 5°30 | 16♋37 | 26♊49 | 18♑44 | 17°39 | 23°13 | 25°25 | F 2 |
| S 3 | 8 53 31 | 14° 8'53 | 0♎26 | 22°15 | 27°31 | 3°11 | 25°44 | 11° 6 | 5°32 | 16°36 | 26°48 | 18°40 | 17°36 | 23°20 | 25°29 | S 3 |
| S 4 | 8 57 27 | 15° 9'49 | 14°54 | 24° 0 | 28°29 | 3°32 | 25°58 | 11°12 | 5°34 | 16°34 | 26°48 | 18°37 | 17°32 | 23°26 | 25°34 | S 4 |
| M 5 | 9 1 24 | 16°10'45 | 29°17 | 25°45 | 29°27 | 3°53 | 26°12 | 11°19 | 5°36 | 16°33 | 26°47 | 18°35 | 17°29 | 23°33 | 25°38 | M 5 |
| T 6 | 9 5 20 | 17°11'41 | 13♏31 | 27°30 | 0♑26 | 4°15 | 26°27 | 11°25 | 5°38 | 16°31 | 26°46 | 18°D34 | 17°26 | 23°40 | 25°43 | T 6 |
| W 7 | 9 9 17 | 18°12'35 | 27°33 | 29°15 | 1°26 | 4°37 | 26°41 | 11°31 | 5°39 | 16°30 | 26°45 | 18°34 | 17°23 | 23°47 | 25°48 | W 7 |
| T 8 | 9 13 13 | 19°13'29 | 11♐22 | 0♓59 | 2°25 | 4°59 | 26°55 | 11°37 | 5°41 | 16°29 | 26°45 | 18°35 | 17°20 | 23°53 | 25°52 | T 8 |
| F 9 | 9 17 10 | 20°14'23 | 24°59 | 2°43 | 3°25 | 5°22 | 27°10 | 11°43 | 5°43 | 16°27 | 26°44 | 18°37 | 17°17 | 24° 0 | 25°57 | F 9 |
| S 10 | 9 21 6 | 21°15'15 | 8♑23 | 4°26 | 4°26 | 5°45 | 27°24 | 11°49 | 5°44 | 16°26 | 26°44 | 18°38 | 17°13 | 24° 7 | 26° 1 | S 10 |
| S 11 | 9 25 3 | 22°16'07 | 21°36 | 6° 9 | 5°27 | 6° 8 | 27°38 | 11°55 | 5°46 | 16°24 | 26°43 | 18°R39 | 17°10 | 24°14 | 26° 6 | S 11 |
| M12 | 9 29 0 | 23°16'57 | 4♒37 | 7°49 | 6°28 | 6°31 | 27°53 | 12° 1 | 5°47 | 16°23 | 26°42 | 18°37 | 17° 7 | 24°20 | 26°11 | M12 |
| T 13 | 9 32 56 | 24°17'47 | 17°26 | 9°28 | 7°30 | 6°55 | 28° 7 | 12° 7 | 5°49 | 16°22 | 26°42 | 18°34 | 17° 4 | 24°27 | 26°15 | T 13 |
| W14 | 9 36 53 | 25°18'35 | 0♓ 3 | 11° 5 | 8°32 | 7°19 | 28°21 | 12°13 | 5°50 | 16°21 | 26°41 | 18°29 | 17° 1 | 24°34 | 26°20 | W14 |
| T 15 | 9 40 49 | 26°19'22 | 12°28 | 12°39 | 9°34 | 7°44 | 28°36 | 12°18 | 5°51 | 16°19 | 26°41 | 18°23 | 16°58 | 24°40 | 26°24 | T 15 |
| F 16 | 9 44 46 | 27°20'08 | 24°43 | 14° 9 | 10°37 | 8° 9 | 28°50 | 12°24 | 5°53 | 16°18 | 26°40 | 18°15 | 16°54 | 24°47 | 26°29 | F 16 |
| S 17 | 9 48 42 | 28°20'52 | 6♈48 | 15°36 | 11°40 | 8°34 | 29° 5 | 12°30 | 5°54 | 16°17 | 26°40 | 18° 8 | 16°51 | 24°54 | 26°34 | S 17 |
| S 18 | 9 52 39 | 29°21'35 | 18°45 | 16°58 | 12°43 | 8°59 | 29°19 | 12°35 | 5°55 | 16°16 | 26°39 | 18° 1 | 16°48 | 25° 1 | 26°38 | S 18 |
| M19 | 9 56 35 | 0♓22'16 | 0♉38 | 18°15 | 13°47 | 9°24 | 29°33 | 12°41 | 5°56 | 16°15 | 26°39 | 17°55 | 16°45 | 25° 7 | 26°43 | M19 |
| T 20 | 10 0 32 | 1°22'56 | 12°29 | 19°26 | 14°51 | 9°50 | 29°48 | 12°46 | 5°57 | 16°14 | 26°38 | 17°51 | 16°42 | 25°14 | 26°47 | T 20 |
| W21 | 10 4 29 | 2°23'34 | 24°23 | 20°30 | 15°55 | 10°16 | 0♓ 2 | 12°52 | 5°58 | 16°13 | 26°38 | 17°49 | 16°38 | 25°21 | 26°52 | W21 |
| T 22 | 10 8 25 | 3°24'10 | 6♊25 | 21°27 | 16°59 | 10°42 | 0°17 | 12°57 | 5°59 | 16°12 | 26°38 | 17°D48 | 16°35 | 25°27 | 26°56 | T 22 |
| F 23 | 10 12 22 | 4°24'45 | 18°39 | 22°16 | 18° 4 | 11° 9 | 0°31 | 13° 2 | 6° 0 | 16°10 | 26°37 | 17°49 | 16°32 | 25°34 | 27° 1 | F 23 |
| S 24 | 10 16 18 | 5°25'18 | 1♋12 | 22°57 | 19° 8 | 11°36 | 0°45 | 13° 8 | 6° 1 | 16° 9 | 26°37 | 17°51 | 16°29 | 25°41 | 27° 6 | S 24 |
| S 25 | 10 20 15 | 6°25'49 | 14° 7 | 23°28 | 20°14 | 12° 3 | 1° 0 | 13°13 | 6° 2 | 16° 9 | 26°37 | 17°R51 | 16°26 | 25°48 | 27°10 | S 25 |
| M26 | 10 24 11 | 7°26'19 | 27°27 | 23°49 | 21°19 | 12°30 | 1°14 | 13°18 | 6° 2 | 16° 8 | 26°36 | 17°51 | 16°23 | 25°54 | 27°15 | M26 |
| T 27 | 10 28 8 | 8°26'47 | 11♌15 | 24° 0 | 22°24 | 12°57 | 1°28 | 13°23 | 6° 3 | 16° 7 | 26°36 | 17°49 | 16°19 | 26° 1 | 27°19 | T 27 |
| W28 | 10 32 4 | 9♓27'13 | 25♌28 | 24°R 2 | 23♑30 | 13♊25 | 1♓43 | 13♑28 | 6♐ 4 | 16♋ 6 | 26♊36 | 17♑44 | 16♑16 | 26♈ 8 | 27♒24 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s 7 | 7n35 | 3s33 | 17s 4 | 2s 0 | 19s17 | 4n 2 | 22n49 | 2n14 | 13s46 | 0s44 | 22s12 | 0n45 | 21s 0 | 0n11 | 21n30 | 0s52 | 15n 0 | 8s22 | 22s 4 | 22s13 | 13n43 | 7s20 | 6n 3 |
| F 2 | 16 50 | 1 29 | 4 24 | 16 28 | 1 57 | 19 21 | 3 59 | 22 53 | 2 14 | 13 41 | 0 44 | 22 11 | 0 45 | 21 0 | 0 11 | 21 30 | 0 52 | 15 0 | 8 21 | 22 5 | 22 14 | 13 45 | 7 19 | 6 3 |
| S 3 | 16 33 | 4s43 | 4 58 | 15 51 | 1 54 | 19 26 | 3 56 | 22 56 | 2 14 | 13 37 | 0 44 | 22 11 | 0 45 | 21 0 | 0 11 | 21 30 | 0 52 | 15 0 | 8 21 | 22 5 | 22 14 | 13 48 | 7 18 | 6 3 |
| S 4 | 16 15 | 10 40 | 5 13 | 15 13 | 1 50 | 19 30 | 3 53 | 23 0 | 2 14 | 13 32 | 0 44 | 22 10 | 0 45 | 21 1 | 0 11 | 21 31 | 0 52 | 15 0 | 8 21 | 22 6 | 22 14 | 13 50 | 7 16 | 6 3 |
| M 5 | 15 57 | 16 0 | 5 8 | 14 34 | 1 45 | 19 34 | 3 50 | 23 4 | 2 14 | 13 27 | 0 44 | 22 10 | 0 45 | 21 1 | 0 11 | 21 31 | 0 52 | 15 0 | 8 21 | 22 6 | 22 15 | 13 53 | 7 15 | 6 3 |
| T 6 | 15 39 | 20 23 | 4 44 | 13 53 | 1 40 | 19 37 | 3 46 | 23 8 | 2 13 | 13 22 | 0 44 | 22 9 | 0 45 | 21 1 | 0 11 | 21 31 | 0 51 | 15 0 | 8 21 | 22 6 | 22 15 | 13 55 | 7 14 | 6 2 |
| W 7 | 15 20 | 23 32 | 4 4 | 13 11 | 1 34 | 19 40 | 3 43 | 23 12 | 2 13 | 13 17 | 0 45 | 22 9 | 0 45 | 21 2 | 0 11 | 21 31 | 0 51 | 15 1 | 8 20 | 22 6 | 22 16 | 13 58 | 7 12 | 6 2 |
| T 8 | 15 2 | 25 14 | 3 10 | 12 28 | 1 28 | 19 43 | 3 39 | 23 16 | 2 13 | 13 13 | 0 45 | 22 8 | 0 45 | 21 2 | 0 11 | 21 31 | 0 51 | 15 1 | 8 20 | 22 6 | 22 16 | 14 0 | 7 11 | 6 2 |
| F 9 | 14 42 | 25 23 | 2 6 | 11 44 | 1 21 | 19 45 | 3 35 | 23 20 | 2 13 | 13 8 | 0 45 | 22 8 | 0 45 | 21 2 | 0 11 | 21 32 | 0 51 | 15 1 | 8 20 | 22 6 | 22 16 | 14 2 | 7 9 | 6 2 |
| S 10 | 14 23 | 24 3 | 0 56 | 11 0 | 1 13 | 19 48 | 3 31 | 23 24 | 2 13 | 13 3 | 0 45 | 22 7 | 0 45 | 21 3 | 0 11 | 21 32 | 0 51 | 15 1 | 8 20 | 22 6 | 22 17 | 14 5 | 7 8 | 6 2 |
| S 11 | 14 4 | 21 24 | 0n16 | 10 14 | 1 4 | 19 49 | 3 28 | 23 27 | 2 12 | 12 58 | 0 45 | 22 7 | 0 45 | 21 3 | 0 11 | 21 32 | 0 51 | 15 1 | 8 20 | 22 6 | 22 17 | 14 7 | 7 6 | 6 2 |
| M12 | 13 44 | 17 41 | 1 26 | 9 28 | 0 55 | 19 50 | 3 24 | 23 31 | 2 12 | 12 53 | 0 45 | 22 6 | 0 45 | 21 3 | 0 11 | 21 32 | 0 51 | 15 1 | 8 20 | 22 6 | 22 18 | 14 10 | 7 5 | 6 2 |
| T 13 | 13 24 | 13 11 | 2 30 | 8 42 | 0 45 | 19 51 | 3 20 | 23 35 | 2 12 | 12 48 | 0 45 | 22 6 | 0 45 | 21 3 | 0 11 | 21 32 | 0 51 | 15 2 | 8 19 | 22 6 | 22 18 | 14 12 | 7 3 | 6 2 |
| W14 | 13 3 | 8 13 | 3 26 | 7 55 | 0 34 | 19 52 | 3 15 | 23 39 | 2 12 | 12 43 | 0 45 | 22 5 | 0 45 | 21 4 | 0 11 | 21 33 | 0 51 | 15 2 | 8 19 | 22 7 | 22 18 | 14 14 | 7 2 | 6 2 |
| T 15 | 12 43 | 3 0 | 4 11 | 7 9 | 0 23 | 19 52 | 3 11 | 23 43 | 2 11 | 12 38 | 0 45 | 22 5 | 0 45 | 21 4 | 0 11 | 21 33 | 0 51 | 15 2 | 8 19 | 22 8 | 22 19 | 14 17 | 7 1 | 6 2 |
| F 16 | 12 22 | 2n15 | 4 44 | 6 23 | 0 11 | 19 51 | 3 7 | 23 46 | 2 11 | 12 33 | 0 45 | 22 4 | 0 45 | 21 4 | 0 11 | 21 33 | 0 51 | 15 2 | 8 19 | 22 9 | 22 19 | 14 19 | 6 59 | 6 2 |
| S 17 | 12 1 | 7 20 | 5 3 | 5 38 | 0n 2 | 19 51 | 3 3 | 23 50 | 2 11 | 12 29 | 0 45 | 22 4 | 0 45 | 21 4 | 0 11 | 21 33 | 0 51 | 15 2 | 8 18 | 22 10 | 22 20 | 14 21 | 6 58 | 6 2 |
| S 18 | 11 40 | 12 6 | 5 9 | 4 53 | 0 16 | 19 49 | 2 58 | 23 54 | 2 10 | 12 24 | 0 45 | 22 3 | 0 45 | 21 4 | 0 11 | 21 33 | 0 51 | 15 3 | 8 18 | 22 11 | 22 20 | 14 24 | 6 56 | 6 2 |
| M19 | 11 19 | 16 22 | 5 2 | 4 10 | 0 30 | 19 48 | 2 54 | 23 57 | 2 10 | 12 19 | 0 45 | 22 3 | 0 45 | 21 5 | 0 11 | 21 33 | 0 51 | 15 3 | 8 18 | 22 12 | 22 20 | 14 26 | 6 55 | 6 2 |
| T 20 | 10 58 | 20 1 | 4 41 | 3 29 | 0 45 | 19 45 | 2 50 | 24 1 | 2 10 | 12 14 | 0 45 | 22 2 | 0 45 | 21 5 | 0 11 | 21 34 | 0 51 | 15 3 | 8 18 | 22 12 | 22 21 | 14 29 | 6 53 | 6 2 |
| W21 | 10 36 | 22 50 | 4 9 | 2 50 | 1 0 | 19 43 | 2 45 | 24 5 | 2 10 | 12 9 | 0 45 | 22 2 | 0 45 | 21 5 | 0 11 | 21 34 | 0 51 | 15 3 | 8 18 | 22 12 | 22 21 | 14 31 | 6 52 | 6 2 |
| T 22 | 10 14 | 24 42 | 3 25 | 2 14 | 1 15 | 19 39 | 2 40 | 24 8 | 2 9 | 12 4 | 0 45 | 22 1 | 0 45 | 21 5 | 0 11 | 21 34 | 0 51 | 15 3 | 8 17 | 22 12 | 22 22 | 14 33 | 6 50 | 6 2 |
| F 23 | 9 52 | 25 25 | 2 31 | 1 40 | 1 31 | 19 36 | 2 36 | 24 12 | 2 9 | 11 59 | 0 46 | 22 1 | 0 45 | 21 5 | 0 11 | 21 34 | 0 51 | 15 4 | 8 17 | 22 12 | 22 22 | 14 36 | 6 48 | 6 2 |
| S 24 | 9 30 | 24 52 | 1 29 | 1 10 | 1 46 | 19 32 | 2 31 | 24 15 | 2 9 | 11 54 | 0 46 | 22 0 | 0 45 | 21 5 | 0 11 | 21 34 | 0 51 | 15 4 | 8 17 | 22 12 | 22 22 | 14 38 | 6 47 | 6 2 |
| S 25 | 9 8 | 22 59 | 0 20 | 0 44 | 2 2 | 19 27 | 2 27 | 24 18 | 2 8 | 11 49 | 0 46 | 22 0 | 0 45 | 21 6 | 0 11 | 21 34 | 0 51 | 15 4 | 8 17 | 22 12 | 22 23 | 14 40 | 6 45 | 6 2 |
| M26 | 8 46 | 19 47 | 0s51 | 0 21 | 2 17 | 19 22 | 2 22 | 24 21 | 2 8 | 11 44 | 0 46 | 21 59 | 0 45 | 21 6 | 0 11 | 21 34 | 0 51 | 15 4 | 8 17 | 22 12 | 22 23 | 14 43 | 6 44 | 6 2 |
| T 27 | 8 23 | 15 24 | 2 2 | 0 3 | 2 31 | 19 16 | 2 17 | 24 25 | 2 8 | 11 39 | 0 46 | 21 59 | 0 45 | 21 6 | 0 11 | 21 35 | 0 51 | 15 4 | 8 16 | 22 12 | 22 24 | 14 45 | 6 42 | 6 2 |
| W28 | 8s 1 | 10n 3 | 3s 8 | 0n10 | 2n45 | 19s10 | 2n13 | 24n28 | 2n 7 | 11s34 | 0s46 | 21s58 | 0n45 | 21s 6 | 0n11 | 21n35 | 0s51 | 15n 5 | 8s16 | 22s13 | 22s24 | 14n47 | 6s41 | 6n 2 |

Julian Day Number = 2598038.5, Delta T = 08m42s
Ecliptic obliquity = 23°23'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'51, Lahiri = 29°27'53


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## MARCH 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 36 1 | 10♓27'37 | 10♍ 4 | 23°R53 | 24♉36 | 13♊52 | 1♓57 | 13♉33 | 6♐ 4 | 16°R 5 | 26°R36 | 17°R37 | 16♉13 | 26♈15 | 27♒28 | T 1 |
| F 2 | 10 39 58 | 11°27'59 | 24°56 | 23♓34 | 25°42 | 14°20 | 2°11 | 13°38 | 6° 5 | 16♋ 4 | 26♊35 | 17♉29 | 16°10 | 26°21 | 27°33 | F 2 |
| S 3 | 10 43 54 | 12°28'20 | 9♎54 | 23° 6 | 26°49 | 14°48 | 2°26 | 13°42 | 6° 5 | 16° 3 | 26°35 | 17°20 | 16° 7 | 26°28 | 27°37 | S 3 |
| S 4 | 10 47 51 | 13°28'40 | 24°50 | 22°29 | 27°55 | 15°17 | 2°40 | 13°47 | 6° 6 | 16° 3 | 26°35 | 17°12 | 16° 3 | 26°35 | 27°42 | S 4 |
| M 5 | 10 51 47 | 14°28'58 | 9♏35 | 21°45 | 29° 2 | 15°45 | 2°54 | 13°52 | 6° 6 | 16° 2 | 26°35 | 17° 5 | 16° 0 | 26°41 | 27°46 | M 5 |
| T 6 | 10 55 44 | 15°29'15 | 24° 3 | 20°54 | 0♒ 9 | 16°14 | 3° 8 | 13°56 | 6° 6 | 16° 1 | 26°35 | 17° 1 | 15°57 | 26°48 | 27°51 | T 6 |
| W 7 | 10 59 40 | 16°29'30 | 8♐10 | 19°58 | 1°16 | 16°43 | 3°23 | 14° 1 | 6° 6 | 16° 0 | 26°35 | 16°59 | 15°54 | 26°55 | 27°55 | W 7 |
| T 8 | 11 3 37 | 17°29'45 | 21°57 | 18°58 | 2°23 | 17°12 | 3°37 | 14° 5 | 6° 7 | 16° 0 | 26°35 | 16°D59 | 15°51 | 27° 2 | 27°59 | T 8 |
| F 9 | 11 7 33 | 18°29'57 | 5♉23 | 17°56 | 3°31 | 17°41 | 3°51 | 14° 9 | 6° 7 | 15°59 | 26°34 | 16°59 | 15°48 | 27° 8 | 28° 4 | F 9 |
| S 10 | 11 11 30 | 19°30'08 | 18°32 | 16°54 | 4°38 | 18°10 | 4° 5 | 14°14 | 6° 7 | 15°59 | 26°34 | 17°R 0 | 15°44 | 27°15 | 28° 8 | S 10 |
| S 11 | 11 15 27 | 20°30'18 | 1♒26 | 15°52 | 5°46 | 18°40 | 4°19 | 14°18 | 6°R 7 | 15°58 | 26°D34 | 16°59 | 15°41 | 27°22 | 28°12 | S 11 |
| M12 | 11 19 23 | 21°30'26 | 14° 6 | 14°52 | 6°54 | 19°10 | 4°33 | 14°22 | 6° 7 | 15°58 | 26°34 | 16°55 | 15°38 | 27°28 | 28°17 | M12 |
| T 13 | 11 23 20 | 22°30'32 | 26°36 | 13°55 | 8° 2 | 19°39 | 4°47 | 14°26 | 6° 7 | 15°57 | 26°34 | 16°49 | 15°35 | 27°35 | 28°21 | T 13 |
| W14 | 11 27 16 | 23°30'36 | 8♓57 | 13° 3 | 9°10 | 20° 9 | 5° 1 | 14°30 | 6° 7 | 15°57 | 26°35 | 16°40 | 15°32 | 27°42 | 28°25 | W14 |
| T 15 | 11 31 13 | 24°30'39 | 21°10 | 12°16 | 10°18 | 20°39 | 5°15 | 14°34 | 6° 6 | 15°56 | 26°35 | 16°29 | 15°29 | 27°49 | 28°30 | T 15 |
| F 16 | 11 35 9 | 25°30'40 | 3♈15 | 11°35 | 11°27 | 21°10 | 5°29 | 14°37 | 6° 6 | 15°56 | 26°35 | 16°16 | 15°25 | 27°55 | 28°34 | F 16 |
| S 17 | 11 39 6 | 26°30'38 | 15°14 | 11° 0 | 12°35 | 21°40 | 5°43 | 14°41 | 6° 6 | 15°55 | 26°35 | 16° 2 | 15°22 | 28° 2 | 28°38 | S 17 |
| S 18 | 11 43 2 | 27°30'35 | 27° 9 | 10°31 | 13°44 | 22°11 | 5°57 | 14°45 | 6° 5 | 15°55 | 26°35 | 15°50 | 15°19 | 28° 9 | 28°42 | S 18 |
| M19 | 11 46 59 | 28°30'30 | 9♉ 0 | 10° 9 | 14°53 | 22°41 | 6°11 | 14°48 | 6° 5 | 15°55 | 26°35 | 15°38 | 15°16 | 28°16 | 28°46 | M19 |
| T 20 | 11 50 55 | 29°30'23 | 20°50 | 9°53 | 16° 2 | 23°12 | 6°25 | 14°51 | 6° 5 | 15°55 | 26°35 | 15°30 | 15°13 | 28°22 | 28°50 | T 20 |
| W21 | 11 54 52 | 0♈30'14 | 2♊43 | 9°44 | 17°11 | 23°43 | 6°39 | 14°55 | 6° 4 | 15°54 | 26°36 | 15°24 | 15° 9 | 28°29 | 28°54 | W21 |
| T 22 | 11 58 49 | 1°30'02 | 14°42 | 9°D41 | 18°20 | 24°14 | 6°53 | 14°58 | 6° 4 | 15°54 | 26°36 | 15°20 | 15° 6 | 28°36 | 28°58 | T 22 |
| F 23 | 12 2 45 | 2°29'49 | 26°54 | 9°44 | 19°29 | 24°45 | 7° 6 | 15° 1 | 6° 3 | 15°54 | 26°36 | 15°19 | 15° 3 | 28°42 | 29° 2 | F 23 |
| S 24 | 12 6 42 | 3°29'33 | 9♋21 | 9°53 | 20°38 | 25°16 | 7°20 | 15° 4 | 6° 2 | 15°54 | 26°36 | 15°19 | 15° 0 | 28°49 | 29° 6 | S 24 |
| S 25 | 12 10 38 | 4°29'15 | 22°10 | 10° 8 | 21°48 | 25°48 | 7°34 | 15° 7 | 6° 2 | 15°54 | 26°37 | 15°19 | 14°57 | 28°56 | 29°10 | S 25 |
| M26 | 12 14 35 | 5°28'54 | 5♌26 | 10°28 | 22°57 | 26°19 | 7°47 | 15°10 | 6° 1 | 15°54 | 26°37 | 15°18 | 14°54 | 29° 3 | 29°14 | M26 |
| T 27 | 12 18 31 | 6°28'32 | 19°10 | 10°52 | 24° 7 | 26°51 | 8° 1 | 15°13 | 6° 0 | 15°D54 | 26°37 | 15°14 | 14°50 | 29° 9 | 29°18 | T 27 |
| W28 | 12 22 28 | 7°28'07 | 3♍25 | 11°22 | 25°16 | 27°22 | 8°14 | 15°16 | 5°59 | 15°54 | 26°38 | 15° 8 | 14°47 | 29°16 | 29°22 | W28 |
| T 29 | 12 26 24 | 8°27'40 | 18° 7 | 11°56 | 26°26 | 27°54 | 8°28 | 15°18 | 5°58 | 15°54 | 26°38 | 15° 0 | 14°44 | 29°23 | 29°26 | T 29 |
| F 30 | 12 30 21 | 9°27'10 | 3♎11 | 12°34 | 27°36 | 28°26 | 8°41 | 15°21 | 5°57 | 15°54 | 26°39 | 14°49 | 14°41 | 29°29 | 29°30 | F 30 |
| S 31 | 12 34 18 | 10♈26'39 | 18♎27 | 13♓15 | 28♒46 | 28♊58 | 8♓54 | 15♉23 | 5♐56 | 15♋54 | 26♊39 | 14♉38 | 14♉38 | 29♈36 | 29♒33 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s38 | 4n 2 | 4s 3 | 0n18 | 2n58 | 19s 3 | 2n 8 | 24n31 | 2n 7 | 11s29 | 0s46 | 21s58 | 0n45 | 21s 6 | 0n11 | 21n35 | 0s51 | 15n 5 | 8s16 | 22s14 | 22s24 | 14n50 | 6s39 | 6n 2 |
| F 2 | 7 15 | 2s18 | 4 42 | 0 21 | 3 9 | 18 56 | 2 3 | 24 34 | 2 6 | 11 23 | 0 46 | 21 57 | 0 45 | 21 6 | 0 11 | 21 35 | 0 51 | 15 5 | 8 16 | 22 15 | 22 25 | 14 52 | 6 38 | 6 2 |
| S 3 | 6 52 | 8 33 | 5 3 | 0 19 | 3 19 | 18 49 | 1 59 | 24 37 | 2 6 | 11 18 | 0 46 | 21 57 | 0 44 | 21 6 | 0 11 | 21 35 | 0 51 | 15 5 | 8 15 | 22 16 | 22 25 | 14 54 | 6 36 | 6 2 |
| S 4 | 6 29 | 14 17 | 5 2 | 0 12 | 3 27 | 18 40 | 1 54 | 24 40 | 2 6 | 11 13 | 0 46 | 21 56 | 0 44 | 21 6 | 0 11 | 21 35 | 0 51 | 15 6 | 8 15 | 22 17 | 22 25 | 14 57 | 6 35 | 6 2 |
| M 5 | 6 6 | 19 6 | 4 42 | 0 1 | 3 34 | 18 32 | 1 49 | 24 42 | 2 5 | 11 8 | 0 46 | 21 56 | 0 44 | 21 6 | 0 11 | 21 35 | 0 51 | 15 6 | 8 15 | 22 18 | 22 26 | 14 59 | 6 33 | 6 2 |
| T 6 | 5 43 | 22 41 | 4 4 | 0s15 | 3 38 | 18 22 | 1 44 | 24 45 | 2 5 | 11 3 | 0 46 | 21 55 | 0 44 | 21 6 | 0 11 | 21 35 | 0 51 | 15 6 | 8 15 | 22 18 | 22 26 | 15 1 | 6 32 | 6 2 |
| W 7 | 5 19 | 24 47 | 3 12 | 0 35 | 3 40 | 18 13 | 1 40 | 24 48 | 2 5 | 10 58 | 0 47 | 21 55 | 0 44 | 21 6 | 0 11 | 21 36 | 0 51 | 15 6 | 8 15 | 22 19 | 22 27 | 15 3 | 6 30 | 6 2 |
| T 8 | 4 56 | 25 18 | 2 10 | 0 58 | 3 40 | 18 3 | 1 35 | 24 50 | 2 4 | 10 53 | 0 47 | 21 55 | 0 44 | 21 6 | 0 11 | 21 36 | 0 51 | 15 6 | 8 14 | 22 19 | 22 27 | 15 6 | 6 28 | 6 2 |
| F 9 | 4 32 | 24 18 | 1 2 | 1 24 | 3 38 | 17 52 | 1 30 | 24 52 | 2 4 | 10 48 | 0 47 | 21 54 | 0 44 | 21 6 | 0 11 | 21 36 | 0 51 | 15 7 | 8 14 | 22 19 | 22 27 | 15 8 | 6 27 | 6 2 |
| S 10 | 4 9 | 21 58 | 0n 8 | 1 52 | 3 34 | 17 41 | 1 26 | 24 55 | 2 3 | 10 43 | 0 47 | 21 54 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 7 | 8 14 | 22 19 | 22 28 | 15 10 | 6 25 | 6 2 |
| S 11 | 3 45 | 18 34 | 1 16 | 2 22 | 3 28 | 17 29 | 1 21 | 24 57 | 2 3 | 10 38 | 0 47 | 21 53 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 7 | 8 14 | 22 19 | 22 28 | 15 13 | 6 24 | 6 2 |
| M12 | 3 22 | 14 21 | 2 19 | 2 52 | 3 20 | 17 17 | 1 16 | 24 59 | 2 3 | 10 33 | 0 47 | 21 53 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 7 | 8 13 | 22 19 | 22 28 | 15 15 | 6 22 | 6 2 |
| T 13 | 2 58 | 9 35 | 3 14 | 3 23 | 3 10 | 17 4 | 1 12 | 25 1 | 2 2 | 10 28 | 0 47 | 21 52 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 8 | 8 13 | 22 20 | 22 29 | 15 17 | 6 21 | 6 3 |
| W14 | 2 34 | 4 30 | 3 59 | 3 53 | 2 59 | 16 51 | 1 7 | 25 3 | 2 2 | 10 23 | 0 47 | 21 52 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 8 | 8 13 | 22 21 | 22 29 | 15 19 | 6 19 | 6 3 |
| T 15 | 2 11 | 0n41 | 4 33 | 4 22 | 2 47 | 16 37 | 1 2 | 25 5 | 2 2 | 10 18 | 0 47 | 21 52 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 8 | 8 13 | 22 22 | 22 30 | 15 22 | 6 18 | 6 3 |
| F 16 | 1 47 | 5 47 | 4 53 | 4 50 | 2 34 | 16 23 | 0 58 | 25 7 | 2 1 | 10 13 | 0 48 | 21 51 | 0 44 | 21 6 | 0 11 | 21 36 | 0 50 | 15 8 | 8 12 | 22 24 | 22 30 | 15 24 | 6 16 | 6 3 |
| S 17 | 1 23 | 10 37 | 5 1 | 5 16 | 2 20 | 16 8 | 0 53 | 25 8 | 2 1 | 10 8 | 0 48 | 21 51 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 9 | 8 12 | 22 26 | 22 30 | 15 26 | 6 15 | 6 3 |
| S 18 | 0 59 | 15 1 | 4 55 | 5 40 | 2 6 | 15 53 | 0 49 | 25 10 | 2 0 | 10 3 | 0 48 | 21 50 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 9 | 8 12 | 22 27 | 22 31 | 15 28 | 6 13 | 6 3 |
| M19 | 0 36 | 18 50 | 4 37 | 6 2 | 1 51 | 15 38 | 0 44 | 25 11 | 2 0 | 9 58 | 0 48 | 21 50 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 9 | 8 12 | 22 28 | 22 31 | 15 31 | 6 11 | 6 3 |
| T 20 | 0 12 | 21 53 | 4 6 | 6 21 | 1 36 | 15 22 | 0 40 | 25 12 | 2 0 | 9 53 | 0 48 | 21 50 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 9 | 8 12 | 22 29 | 22 31 | 15 33 | 6 10 | 6 3 |
| W21 | 0n12 | 24 1 | 3 25 | 6 39 | 1 22 | 15 5 | 0 35 | 25 13 | 1 59 | 9 48 | 0 48 | 21 49 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 9 | 8 11 | 22 30 | 22 32 | 15 35 | 6 8 | 6 4 |
| T 22 | 0 36 | 25 4 | 2 35 | 6 53 | 1 7 | 14 49 | 0 31 | 25 14 | 1 59 | 9 43 | 0 48 | 21 49 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 10 | 8 11 | 22 30 | 22 32 | 15 37 | 6 7 | 6 4 |
| F 23 | 0 59 | 24 57 | 1 36 | 7 5 | 0 53 | 14 31 | 0 27 | 25 15 | 1 58 | 9 38 | 0 48 | 21 49 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 10 | 8 11 | 22 31 | 22 32 | 15 40 | 6 5 | 6 4 |
| S 24 | 1 23 | 23 35 | 0 32 | 7 15 | 0 38 | 14 14 | 0 22 | 25 16 | 1 58 | 9 33 | 0 48 | 21 48 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 10 | 8 11 | 22 31 | 22 33 | 15 42 | 6 4 | 6 4 |
| S 25 | 1 47 | 20 58 | 0s36 | 7 23 | 0 25 | 13 56 | 0 18 | 25 17 | 1 58 | 9 28 | 0 49 | 21 48 | 0 44 | 21 6 | 0 11 | 21 37 | 0 50 | 15 10 | 8 10 | 22 31 | 22 33 | 15 44 | 6 2 | 6 4 |
| M26 | 2 10 | 17 11 | 1 44 | 7 27 | 0 11 | 13 37 | 0 14 | 25 17 | 1 57 | 9 23 | 0 49 | 21 48 | 0 44 | 21 5 | 0 11 | 21 37 | 0 50 | 15 11 | 8 10 | 22 31 | 22 33 | 15 46 | 6 1 | 6 4 |
| T 27 | 2 34 | 12 22 | 2 49 | 7 30 | 0s 2 | 13 18 | 0 10 | 25 18 | 1 57 | 9 18 | 0 49 | 21 47 | 0 44 | 21 5 | 0 11 | 21 37 | 0 50 | 15 11 | 8 10 | 22 31 | 22 34 | 15 49 | 5 59 | 6 5 |
| W28 | 2 57 | 6 44 | 3 45 | 7 31 | 0 14 | 12 59 | 0 6 | 25 18 | 1 56 | 9 13 | 0 49 | 21 47 | 0 44 | 21 5 | 0 11 | 21 37 | 0 50 | 15 11 | 8 10 | 22 32 | 22 34 | 15 51 | 5 58 | 6 5 |
| T 29 | 3 21 | 0 34 | 4 28 | 7 29 | 0 26 | 12 39 | 0 2 | 25 18 | 1 56 | 9 8 | 0 49 | 21 47 | 0 44 | 21 5 | 0 11 | 21 37 | 0 50 | 15 11 | 8 10 | 22 33 | 22 35 | 15 53 | 5 56 | 6 5 |
| F 30 | 3 44 | 5s46 | 4 54 | 7 25 | 0 38 | 12 19 | 0s 2 | 25 18 | 1 55 | 9 3 | 0 49 | 21 46 | 0 44 | 21 5 | 0 11 | 21 37 | 0 50 | 15 12 | 8 9 | 22 34 | 22 35 | 15 55 | 5 55 | 6 5 |
| S 31 | 4n 8 | 11s50 | 4s59 | 7s19 | 0s49 | 11s59 | 0s 6 | 25n18 | 1n55 | 8s59 | 0s49 | 21s46 | 0n44 | 21s 5 | 0n11 | 21n37 | 0s50 | 15n12 | 8s 9 | 22s35 | 22s35 | 15n57 | 5s53 | 6n 5 |

Julian Day Number = 2598066.5, Delta T = 08m42s
Ecliptic obliquity = 23°23'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'55, Lahiri = 29°27'57


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## APRIL 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 38 14 | 11♈26'06 | 3♏43 | 14♓ 1 | 29♒56 | 29♊30 | 9♓ 8 | 15♑26 | 5°R55 | 15♋54 | 26♊39 | 14°R27 | 14♑35 | 29♈43 | 29♒37 | S 1 |
| M 2 | 12 42 11 | 12°25'31 | 18°49 | 14°50 | 1♓ 6 | 0♋ 2 | 9°21 | 15°28 | 5♐54 | 15°54 | 26°40 | 14♑18 | 14°31 | 29°50 | 29°41 | M 2 |
| T 3 | 12 46 7 | 13°24'54 | 3♐35 | 15°42 | 2°16 | 0°35 | 9°34 | 15°30 | 5°53 | 15°55 | 26°40 | 14°11 | 14°28 | 29°56 | 29°44 | T 3 |
| W 4 | 12 50 4 | 14°24'15 | 17°57 | 16°38 | 3°26 | 1° 7 | 9°47 | 15°32 | 5°52 | 15°55 | 26°41 | 14° 8 | 14°25 | 0♉ 3 | 29°48 | W 4 |
| T 5 | 12 54 0 | 15°23'35 | 1♑52 | 17°36 | 4°36 | 1°39 | 10° 0 | 15°34 | 5°50 | 15°55 | 26°41 | 14° 6 | 14°22 | 0°10 | 29°52 | T 5 |
| F 6 | 12 57 57 | 16°22'53 | 15°21 | 18°37 | 5°47 | 2°12 | 10°13 | 15°36 | 5°49 | 15°55 | 26°42 | 14° 6 | 14°19 | 0°16 | 29°55 | F 6 |
| S 7 | 13 1 53 | 17°22'09 | 28°27 | 19°41 | 6°57 | 2°44 | 10°26 | 15°38 | 5°48 | 15°56 | 26°43 | 14° 6 | 14°15 | 0°23 | 29°58 | S 7 |
| S 8 | 13 5 50 | 18°21'24 | 11♒13 | 20°47 | 8° 8 | 3°17 | 10°39 | 15°39 | 5°46 | 15°56 | 26°43 | 14° 4 | 14°12 | 0°30 | 0♓ 2 | S 8 |
| M 9 | 13 9 47 | 19°20'36 | 23°43 | 21°55 | 9°18 | 3°50 | 10°52 | 15°41 | 5°45 | 15°57 | 26°44 | 14° 1 | 14° 9 | 0°37 | 0° 5 | M 9 |
| T 10 | 13 13 43 | 20°19'47 | 6♓ 1 | 23° 6 | 10°29 | 4°23 | 11° 5 | 15°42 | 5°43 | 15°57 | 26°44 | 13°54 | 14° 6 | 0°43 | 0° 9 | T 10 |
| W11 | 13 17 40 | 21°18'56 | 18°10 | 24°19 | 11°40 | 4°56 | 11°17 | 15°44 | 5°42 | 15°58 | 26°45 | 13°45 | 14° 3 | 0°50 | 0°12 | W11 |
| T 12 | 13 21 36 | 22°18'03 | 0♈12 | 25°34 | 12°50 | 5°29 | 11°30 | 15°45 | 5°40 | 15°58 | 26°46 | 13°33 | 14° 0 | 0°57 | 0°15 | T 12 |
| F 13 | 13 25 33 | 23°17'08 | 12° 9 | 26°51 | 14° 1 | 6° 2 | 11°42 | 15°46 | 5°39 | 15°59 | 26°46 | 13°19 | 13°56 | 1° 3 | 0°18 | F 13 |
| S 14 | 13 29 29 | 24°16'11 | 24° 3 | 28°10 | 15°12 | 6°35 | 11°55 | 15°47 | 5°37 | 15°59 | 26°47 | 13° 4 | 13°53 | 1°10 | 0°21 | S 14 |
| S 15 | 13 33 26 | 25°15'12 | 5♉55 | 29°31 | 16°23 | 7° 8 | 12° 7 | 15°48 | 5°35 | 16° 0 | 26°48 | 12°51 | 13°50 | 1°17 | 0°25 | S 15 |
| M16 | 13 37 22 | 26°14'11 | 17°46 | 0♈54 | 17°34 | 7°41 | 12°20 | 15°49 | 5°34 | 16° 1 | 26°49 | 12°39 | 13°47 | 1°24 | 0°28 | M16 |
| T 17 | 13 41 19 | 27°13'08 | 29°38 | 2°19 | 18°45 | 8°15 | 12°32 | 15°50 | 5°32 | 16° 1 | 26°49 | 12°29 | 13°44 | 1°30 | 0°31 | T 17 |
| W18 | 13 45 15 | 28°12'03 | 11♊33 | 3°45 | 19°56 | 8°48 | 12°44 | 15°51 | 5°30 | 16° 2 | 26°50 | 12°22 | 13°40 | 1°37 | 0°34 | W18 |
| T 19 | 13 49 12 | 29°10'56 | 23°35 | 5°13 | 21° 7 | 9°22 | 12°56 | 15°51 | 5°28 | 16° 3 | 26°51 | 12°19 | 13°37 | 1°44 | 0°36 | T 19 |
| F 20 | 13 53 9 | 0♉ 9'47 | 5♋48 | 6°43 | 22°18 | 9°55 | 13° 8 | 15°52 | 5°27 | 16° 3 | 26°52 | 12°17 | 13°34 | 1°50 | 0°39 | F 20 |
| S 21 | 13 57 5 | 1° 8'35 | 18°14 | 8°14 | 23°29 | 10°29 | 13°20 | 15°52 | 5°25 | 16° 4 | 26°53 | 12°D17 | 13°31 | 1°57 | 0°42 | S 21 |
| S 22 | 14 1 2 | 2° 7'21 | 1♌ 0 | 9°47 | 24°40 | 11° 2 | 13°32 | 15°53 | 5°23 | 16° 5 | 26°54 | 12°R17 | 13°28 | 2° 4 | 0°45 | S 22 |
| M23 | 14 4 58 | 3° 6'05 | 14°10 | 11°22 | 25°52 | 11°36 | 13°44 | 15°53 | 5°21 | 16° 6 | 26°55 | 12°17 | 13°25 | 2°11 | 0°48 | M23 |
| T 24 | 14 8 55 | 4° 4'47 | 27°46 | 12°58 | 27° 3 | 12°10 | 13°55 | 15°53 | 5°19 | 16° 7 | 26°55 | 12°15 | 13°21 | 2°17 | 0°50 | T 24 |
| W25 | 14 12 51 | 5° 3'26 | 11♍52 | 14°36 | 28°14 | 12°44 | 14° 7 | 15°R53 | 5°17 | 16° 8 | 26°56 | 12°10 | 13°18 | 2°24 | 0°53 | W25 |
| T 26 | 14 16 48 | 6° 2'03 | 26°26 | 16°16 | 29°25 | 13°18 | 14°18 | 15°53 | 5°15 | 16° 9 | 26°57 | 12° 3 | 13°15 | 2°31 | 0°55 | T 26 |
| F 27 | 14 20 44 | 7° 0'38 | 11♎25 | 17°57 | 0♈37 | 13°52 | 14°30 | 15°53 | 5°13 | 16°10 | 26°58 | 11°55 | 13°12 | 2°37 | 0°58 | F 27 |
| S 28 | 14 24 41 | 7°59'11 | 26°39 | 19°40 | 1°48 | 14°26 | 14°41 | 15°52 | 5°10 | 16°11 | 26°59 | 11°45 | 13° 9 | 2°44 | 1° 0 | S 28 |
| S 29 | 14 28 38 | 8°57'42 | 11♏59 | 21°25 | 3° 0 | 15° 0 | 14°52 | 15°52 | 5° 8 | 16°12 | 27° 0 | 11°36 | 13° 6 | 2°51 | 1° 3 | S 29 |
| M30 | 14 32 34 | 9♉56'11 | 27♏14 | 23♈12 | 4♈11 | 15♋34 | 15♓ 3 | 15♑52 | 5♐ 6 | 16♋13 | 27♊ 1 | 11♑28 | 13♑ 2 | 2♉58 | 1♓ 5 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n31 | 17s10 | 4s44 | 7s11 | 0s59 | 11s38 | 0s10 | 25n18 | 1n55 | 8s54 | 0s49 | 21s46 | 0n44 | 21s 4 | 0n11 | 21n37 | 0s50 | 15n12 | 8s 9 | 22s36 | 22s36 | 16n 0 | 5s52 | 6n 6 |
| M 2 | 4 54 | 21 21 | 4 8 | 7 2 | 1 9 | 11 17 | 0 14 | 25 17 | 1 54 | 8 49 | 0 50 | 21 46 | 0 44 | 21 4 | 0 11 | 21 37 | 0 50 | 15 12 | 8 9 | 22 37 | 22 36 | 16 2 | 5 50 | 6 6 |
| T 3 | 5 17 | 24 2 | 3 16 | 6 50 | 1 19 | 10 55 | 0 18 | 25 17 | 1 54 | 8 44 | 0 50 | 21 45 | 0 44 | 21 4 | 0 11 | 21 37 | 0 50 | 15 12 | 8 8 | 22 38 | 22 36 | 16 4 | 5 49 | 6 6 |
| W 4 | 5 40 | 25 3 | 2 13 | 6 37 | 1 27 | 10 33 | 0 21 | 25 16 | 1 53 | 8 39 | 0 50 | 21 45 | 0 44 | 21 4 | 0 11 | 21 37 | 0 50 | 15 13 | 8 8 | 22 38 | 22 37 | 16 6 | 5 48 | 6 6 |
| T 5 | 6 3 | 24 27 | 1 4 | 6 22 | 1 36 | 10 11 | 0 25 | 25 16 | 1 53 | 8 34 | 0 50 | 21 45 | 0 44 | 21 4 | 0 11 | 21 37 | 0 50 | 15 13 | 8 8 | 22 39 | 22 37 | 16 8 | 5 46 | 6 7 |
| F 6 | 6 26 | 22 24 | 0n 7 | 6 5 | 1 43 | 9 49 | 0 29 | 25 15 | 1 52 | 8 30 | 0 50 | 21 45 | 0 44 | 21 3 | 0 11 | 21 37 | 0 49 | 15 13 | 8 8 | 22 39 | 22 37 | 16 10 | 5 45 | 6 7 |
| S 7 | 6 48 | 19 12 | 1 15 | 5 47 | 1 51 | 9 26 | 0 32 | 25 14 | 1 52 | 8 25 | 0 50 | 21 44 | 0 44 | 21 3 | 0 11 | 21 37 | 0 49 | 15 13 | 8 8 | 22 39 | 22 38 | 16 13 | 5 43 | 6 7 |
| S 8 | 7 11 | 15 10 | 2 18 | 5 27 | 1 57 | 9 3 | 0 35 | 25 12 | 1 52 | 8 20 | 0 50 | 21 44 | 0 44 | 21 3 | 0 11 | 21 37 | 0 49 | 15 14 | 8 7 | 22 39 | 22 38 | 16 15 | 5 42 | 6 7 |
| M 9 | 7 33 | 10 33 | 3 13 | 5 5 | 2 3 | 8 40 | 0 39 | 25 11 | 1 51 | 8 15 | 0 51 | 21 44 | 0 44 | 21 3 | 0 11 | 21 37 | 0 49 | 15 14 | 8 7 | 22 39 | 22 38 | 16 17 | 5 41 | 6 7 |
| T 10 | 7 56 | 5 36 | 3 58 | 4 43 | 2 9 | 8 16 | 0 42 | 25 10 | 1 51 | 8 11 | 0 51 | 21 44 | 0 44 | 21 2 | 0 11 | 21 37 | 0 49 | 15 14 | 8 7 | 22 40 | 22 39 | 16 19 | 5 39 | 6 8 |
| W11 | 8 18 | 0 31 | 4 31 | 4 18 | 2 14 | 7 52 | 0 45 | 25 8 | 1 50 | 8 6 | 0 51 | 21 44 | 0 44 | 21 2 | 0 11 | 21 37 | 0 49 | 15 14 | 8 7 | 22 41 | 22 39 | 16 21 | 5 38 | 6 8 |
| T 12 | 8 40 | 4n33 | 4 52 | 3 53 | 2 19 | 7 28 | 0 48 | 25 6 | 1 50 | 8 1 | 0 51 | 21 44 | 0 44 | 21 2 | 0 11 | 21 37 | 0 49 | 15 14 | 8 7 | 22 42 | 22 39 | 16 23 | 5 36 | 6 8 |
| F 13 | 9 2 | 9 23 | 5 0 | 3 26 | 2 23 | 7 4 | 0 51 | 25 4 | 1 50 | 7 57 | 0 51 | 21 43 | 0 44 | 21 2 | 0 11 | 21 37 | 0 49 | 15 15 | 8 6 | 22 43 | 22 40 | 16 25 | 5 35 | 6 8 |
| S 14 | 9 23 | 13 52 | 4 54 | 2 58 | 2 26 | 6 39 | 0 54 | 25 2 | 1 49 | 7 52 | 0 51 | 21 43 | 0 44 | 21 1 | 0 11 | 21 37 | 0 49 | 15 15 | 8 6 | 22 45 | 22 40 | 16 28 | 5 34 | 6 9 |
| S 15 | 9 45 | 17 48 | 4 36 | 2 28 | 2 29 | 6 15 | 0 57 | 25 0 | 1 49 | 7 48 | 0 52 | 21 43 | 0 44 | 21 1 | 0 11 | 21 37 | 0 49 | 15 15 | 8 6 | 22 46 | 22 40 | 16 30 | 5 32 | 6 9 |
| M16 | 10 6 | 21 2 | 4 6 | 1 58 | 2 32 | 5 50 | 1 0 | 24 58 | 1 48 | 7 43 | 0 52 | 21 43 | 0 44 | 21 1 | 0 11 | 21 37 | 0 49 | 15 15 | 8 6 | 22 47 | 22 41 | 16 32 | 5 31 | 6 9 |
| T 17 | 10 28 | 23 22 | 3 25 | 1 26 | 2 34 | 5 25 | 1 3 | 24 56 | 1 48 | 7 39 | 0 52 | 21 43 | 0 44 | 21 0 | 0 11 | 21 37 | 0 49 | 15 16 | 8 6 | 22 48 | 22 41 | 16 34 | 5 30 | 6 10 |
| W18 | 10 49 | 24 41 | 2 35 | 0 53 | 2 35 | 4 59 | 1 6 | 24 53 | 1 47 | 7 34 | 0 52 | 21 43 | 0 44 | 21 0 | 0 11 | 21 37 | 0 49 | 15 16 | 8 5 | 22 49 | 22 41 | 16 36 | 5 29 | 6 10 |
| T 19 | 11 10 | 24 51 | 1 37 | 0 19 | 2 36 | 4 34 | 1 8 | 24 50 | 1 47 | 7 30 | 0 52 | 21 43 | 0 44 | 21 0 | 0 11 | 21 37 | 0 49 | 15 16 | 8 5 | 22 49 | 22 42 | 16 38 | 5 27 | 6 10 |
| F 20 | 11 30 | 23 50 | 0 34 | 0n16 | 2 36 | 4 8 | 1 11 | 24 47 | 1 46 | 7 25 | 0 52 | 21 43 | 0 44 | 21 0 | 0 11 | 21 37 | 0 49 | 15 16 | 8 5 | 22 49 | 22 42 | 16 40 | 5 26 | 6 10 |
| S 21 | 11 51 | 21 38 | 0s32 | 0 52 | 2 36 | 3 42 | 1 13 | 24 44 | 1 46 | 7 21 | 0 53 | 21 43 | 0 44 | 20 59 | 0 11 | 21 37 | 0 49 | 15 16 | 8 5 | 22 49 | 22 42 | 16 42 | 5 25 | 6 11 |
| S 22 | 12 11 | 18 18 | 1 38 | 1 29 | 2 36 | 3 16 | 1 16 | 24 41 | 1 46 | 7 16 | 0 53 | 21 43 | 0 44 | 20 59 | 0 11 | 21 37 | 0 49 | 15 17 | 8 5 | 22 49 | 22 43 | 16 44 | 5 24 | 6 11 |
| M23 | 12 31 | 13 59 | 2 41 | 2 7 | 2 34 | 2 50 | 1 18 | 24 38 | 1 45 | 7 12 | 0 53 | 21 43 | 0 44 | 20 59 | 0 11 | 21 37 | 0 49 | 15 17 | 8 4 | 22 49 | 22 43 | 16 46 | 5 22 | 6 11 |
| T 24 | 12 51 | 8 49 | 3 37 | 2 46 | 2 33 | 2 24 | 1 20 | 24 34 | 1 45 | 7 8 | 0 53 | 21 43 | 0 44 | 20 58 | 0 10 | 21 37 | 0 49 | 15 17 | 8 4 | 22 50 | 22 43 | 16 49 | 5 21 | 6 12 |
| W25 | 13 11 | 3 3 | 4 22 | 3 26 | 2 31 | 1 57 | 1 22 | 24 31 | 1 44 | 7 3 | 0 53 | 21 43 | 0 44 | 20 58 | 0 10 | 21 37 | 0 49 | 15 17 | 8 4 | 22 50 | 22 43 | 16 51 | 5 20 | 6 12 |
| T 26 | 13 30 | 3s 3 | 4 52 | 4 6 | 2 28 | 1 31 | 1 24 | 24 27 | 1 44 | 6 59 | 0 53 | 21 43 | 0 44 | 20 57 | 0 10 | 21 36 | 0 49 | 15 17 | 8 4 | 22 51 | 22 44 | 16 53 | 5 19 | 6 12 |
| F 27 | 13 49 | 9 9 | 5 3 | 4 48 | 2 25 | 1 4 | 1 26 | 24 23 | 1 43 | 6 55 | 0 54 | 21 43 | 0 44 | 20 57 | 0 10 | 21 36 | 0 49 | 15 18 | 8 4 | 22 51 | 22 44 | 16 55 | 5 18 | 6 13 |
| S 28 | 14 8 | 14 48 | 4 53 | 5 30 | 2 21 | 0 38 | 1 28 | 24 19 | 1 43 | 6 51 | 0 54 | 21 43 | 0 44 | 20 57 | 0 10 | 21 36 | 0 49 | 15 18 | 8 3 | 22 52 | 22 44 | 16 57 | 5 16 | 6 13 |
| S 29 | 14 27 | 19 33 | 4 22 | 6 13 | 2 17 | 0 11 | 1 30 | 24 15 | 1 43 | 6 47 | 0 54 | 21 43 | 0 44 | 20 56 | 0 10 | 21 36 | 0 49 | 15 18 | 8 3 | 22 53 | 22 45 | 16 59 | 5 15 | 6 13 |
| M30 | 14n46 | 22s57 | 3s32 | 6n57 | 2s12 | 0n16 | 1s31 | 24n10 | 1n42 | 6s42 | 0s54 | 21s43 | 0n44 | 20s56 | 0n10 | 21n36 | 0s49 | 15n18 | 8s 3 | 22s54 | 22s45 | 17n 1 | 5s14 | 6n14 |

Julian Day Number = 2598097.5, Delta T = 08m43s
Ecliptic obliquity = 23°23'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°20'59, Lahiri = 29°28'01


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## MAY 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 36 31 | 10♉54'39 | 12♐12 | 25♈ 0 | 5♈23 | 16♋ 8 | 15♓15 | 15°R51 | 5°R 4 | 16♋14 | 27♊ 2 | 11°R23 | 12♑59 | 3♉ 4 | 1♓ 7 | T 1 |
| W 2 | 14 40 27 | 11°53'05 | 26°46 | 26°49 | 6°34 | 16°42 | 15°25 | 15♑50 | 5♐ 2 | 16°15 | 27° 3 | 11♑20 | 12°56 | 3°11 | 1° 9 | W 2 |
| T 3 | 14 44 24 | 12°51'29 | 10♑52 | 28°41 | 7°46 | 17°17 | 15°36 | 15°50 | 5° 0 | 16°16 | 27° 4 | 11°D19 | 12°53 | 3°18 | 1°11 | T 3 |
| F 4 | 14 48 20 | 13°49'51 | 24°31 | 0♉34 | 8°57 | 17°51 | 15°47 | 15°49 | 4°57 | 16°18 | 27° 5 | 11°19 | 12°50 | 3°24 | 1°14 | F 4 |
| S 5 | 14 52 17 | 14°48'13 | 7♒42 | 2°29 | 10° 9 | 18°25 | 15°58 | 15°48 | 4°55 | 16°19 | 27° 6 | 11°20 | 12°46 | 3°31 | 1°16 | S 5 |
| S 6 | 14 56 14 | 15°46'32 | 20°30 | 4°25 | 11°21 | 19° 0 | 16° 8 | 15°47 | 4°53 | 16°20 | 27° 8 | 11°R20 | 12°43 | 3°38 | 1°17 | S 6 |
| M 7 | 15 0 10 | 16°44'50 | 2♓59 | 6°23 | 12°33 | 19°34 | 16°19 | 15°46 | 4°50 | 16°21 | 27° 9 | 11°19 | 12°40 | 3°45 | 1°19 | M 7 |
| T 8 | 15 4 7 | 17°43'06 | 15°13 | 8°23 | 13°44 | 20° 9 | 16°29 | 15°44 | 4°48 | 16°23 | 27°10 | 11°15 | 12°37 | 3°51 | 1°21 | T 8 |
| W 9 | 15 8 3 | 18°41'21 | 27°17 | 10°25 | 14°56 | 20°43 | 16°39 | 15°43 | 4°46 | 16°24 | 27°11 | 11°10 | 12°34 | 3°58 | 1°23 | W 9 |
| T 10 | 15 12 0 | 19°39'35 | 9♈13 | 12°28 | 16° 8 | 21°18 | 16°49 | 15°42 | 4°43 | 16°26 | 27°12 | 11° 2 | 12°31 | 4° 5 | 1°25 | T 10 |
| F 11 | 15 15 56 | 20°37'46 | 21° 6 | 14°32 | 17°20 | 21°52 | 16°59 | 15°40 | 4°41 | 16°27 | 27°13 | 10°53 | 12°27 | 4°11 | 1°26 | F 11 |
| S 12 | 15 19 53 | 21°35'57 | 2♉57 | 16°38 | 18°32 | 22°27 | 17° 9 | 15°38 | 4°38 | 16°28 | 27°14 | 10°43 | 12°24 | 4°18 | 1°28 | S 12 |
| S 13 | 15 23 49 | 22°34'05 | 14°48 | 18°45 | 19°43 | 23° 2 | 17°19 | 15°37 | 4°36 | 16°30 | 27°15 | 10°34 | 12°21 | 4°25 | 1°30 | S 13 |
| M14 | 15 27 46 | 23°32'13 | 26°42 | 20°53 | 20°55 | 23°37 | 17°29 | 15°35 | 4°34 | 16°31 | 27°17 | 10°26 | 12°18 | 4°32 | 1°31 | M14 |
| T 15 | 15 31 42 | 24°30'18 | 8♊39 | 23° 2 | 22° 7 | 24°11 | 17°38 | 15°33 | 4°31 | 16°33 | 27°18 | 10°20 | 12°15 | 4°38 | 1°32 | T 15 |
| W16 | 15 35 39 | 25°28'22 | 20°42 | 25°12 | 23°19 | 24°46 | 17°47 | 15°31 | 4°29 | 16°34 | 27°19 | 10°15 | 12°12 | 4°45 | 1°34 | W16 |
| T 17 | 15 39 36 | 26°26'24 | 2♋53 | 27°23 | 24°31 | 25°21 | 17°57 | 15°29 | 4°26 | 16°36 | 27°20 | 10°13 | 12° 8 | 4°52 | 1°35 | T 17 |
| F 18 | 15 43 32 | 27°24'25 | 15°13 | 29°33 | 25°43 | 25°56 | 18° 6 | 15°27 | 4°24 | 16°37 | 27°22 | 10°D13 | 12° 5 | 4°58 | 1°36 | F 18 |
| S 19 | 15 47 29 | 28°22'23 | 27°47 | 1♊44 | 26°55 | 26°31 | 18°15 | 15°25 | 4°21 | 16°39 | 27°23 | 10°14 | 12° 2 | 5° 5 | 1°37 | S 19 |
| S 20 | 15 51 25 | 29°20'20 | 10♌37 | 3°55 | 28° 7 | 27° 6 | 18°24 | 15°22 | 4°19 | 16°41 | 27°24 | 10°16 | 11°59 | 5°12 | 1°39 | S 20 |
| M21 | 15 55 22 | 0♊18'15 | 23°47 | 6° 5 | 29°19 | 27°41 | 18°33 | 15°20 | 4°16 | 16°42 | 27°25 | 10°17 | 11°56 | 5°19 | 1°40 | M21 |
| T 22 | 15 59 18 | 1°16'08 | 7♍19 | 8°14 | 0♉31 | 28°16 | 18°41 | 15°18 | 4°14 | 16°44 | 27°27 | 10°R17 | 11°52 | 5°25 | 1°41 | T 22 |
| W23 | 16 3 15 | 2°14'00 | 21°15 | 10°22 | 1°43 | 28°51 | 18°50 | 15°15 | 4°11 | 16°46 | 27°28 | 10°15 | 11°49 | 5°32 | 1°41 | W23 |
| T 24 | 16 7 12 | 3°11'49 | 5♎36 | 12°29 | 2°55 | 29°27 | 18°58 | 15°12 | 4° 9 | 16°47 | 27°29 | 10°12 | 11°46 | 5°39 | 1°42 | T 24 |
| F 25 | 16 11 8 | 4° 9'37 | 20°18 | 14°35 | 4° 8 | 0♌ 2 | 19° 6 | 15°10 | 4° 6 | 16°49 | 27°30 | 10° 8 | 11°43 | 5°45 | 1°43 | F 25 |
| S 26 | 16 15 5 | 5° 7'23 | 5♏16 | 16°38 | 5°20 | 0°37 | 19°14 | 15° 7 | 4° 4 | 16°51 | 27°32 | 10° 3 | 11°40 | 5°52 | 1°44 | S 26 |
| S 27 | 16 19 1 | 6° 5'08 | 20°23 | 18°39 | 6°32 | 1°12 | 19°22 | 15° 4 | 4° 1 | 16°53 | 27°33 | 9°58 | 11°37 | 5°59 | 1°44 | S 27 |
| M28 | 16 22 58 | 7° 2'52 | 5♐28 | 20°38 | 7°44 | 1°48 | 19°30 | 15° 1 | 3°59 | 16°54 | 27°34 | 9°54 | 11°33 | 6° 6 | 1°45 | M28 |
| T 29 | 16 26 54 | 8° 0'34 | 20°22 | 22°35 | 8°56 | 2°23 | 19°38 | 14°58 | 3°56 | 16°56 | 27°36 | 9°52 | 11°30 | 6°12 | 1°46 | T 29 |
| W30 | 16 30 51 | 8°58'15 | 4♑58 | 24°29 | 10° 8 | 2°58 | 19°46 | 14°55 | 3°54 | 16°58 | 27°37 | 9°D50 | 11°27 | 6°19 | 1°46 | W30 |
| T 31 | 16 34 47 | 9♊55'55 | 19♑ 9 | 26♊21 | 11♉21 | 3♌34 | 19♓53 | 14♑52 | 3♐51 | 17♋ 0 | 27♊38 | 9♑51 | 11♑24 | 6♉26 | 1♓46 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 4 | 24s40 | 2s29 | 7n41 | 2s 7 | 0n43 | 1s33 | 24n 6 | 1n42 | 6s38 | 0s54 | 21s43 | 0n44 | 20s56 | 0n10 | 21n36 | 0s49 | 15n18 | 8s 3 | 22s54 | 22s45 | 17n 3 | 5s13 | 6n14 |
| W 2 | 15 22 | 24 38 | 1 17 | 8 26 | 2 1 | 1 9 | 1 34 | 24 1 | 1 41 | 6 34 | 0 55 | 21 43 | 0 44 | 20 55 | 0 10 | 21 36 | 0 49 | 15 19 | 8 3 | 22 54 | 22 46 | 17 5 | 5 12 | 6 14 |
| T 3 | 15 40 | 22 59 | 0 2 | 9 12 | 1 55 | 1 36 | 1 36 | 23 56 | 1 41 | 6 30 | 0 55 | 21 43 | 0 44 | 20 55 | 0 10 | 21 36 | 0 48 | 15 19 | 8 3 | 22 54 | 22 46 | 17 7 | 5 11 | 6 15 |
| F 4 | 15 57 | 20 1 | 1n10 | 9 57 | 1 48 | 2 3 | 1 37 | 23 52 | 1 40 | 6 26 | 0 55 | 21 43 | 0 44 | 20 54 | 0 10 | 21 36 | 0 48 | 15 19 | 8 2 | 22 54 | 22 46 | 17 9 | 5 10 | 6 15 |
| S 5 | 16 15 | 16 6 | 2 16 | 10 44 | 1 41 | 2 30 | 1 39 | 23 46 | 1 40 | 6 22 | 0 55 | 21 43 | 0 44 | 20 54 | 0 10 | 21 36 | 0 48 | 15 19 | 8 2 | 22 54 | 22 47 | 17 11 | 5 9 | 6 15 |
| S 6 | 16 32 | 11 33 | 3 14 | 11 30 | 1 33 | 2 57 | 1 40 | 23 41 | 1 40 | 6 19 | 0 55 | 21 44 | 0 44 | 20 54 | 0 10 | 21 35 | 0 48 | 15 19 | 8 2 | 22 54 | 22 47 | 17 13 | 5 8 | 6 16 |
| M 7 | 16 48 | 6 39 | 4 1 | 12 17 | 1 25 | 3 24 | 1 41 | 23 36 | 1 39 | 6 15 | 0 56 | 21 44 | 0 44 | 20 53 | 0 10 | 21 35 | 0 48 | 15 20 | 8 2 | 22 54 | 22 47 | 17 15 | 5 7 | 6 16 |
| T 8 | 17 5 | 1 35 | 4 35 | 13 4 | 1 17 | 3 51 | 1 42 | 23 30 | 1 39 | 6 11 | 0 56 | 21 44 | 0 44 | 20 53 | 0 10 | 21 35 | 0 48 | 15 20 | 8 2 | 22 55 | 22 47 | 17 17 | 5 6 | 6 16 |
| W 9 | 17 21 | 3n28 | 4 57 | 13 50 | 1 8 | 4 18 | 1 43 | 23 25 | 1 38 | 6 7 | 0 56 | 21 44 | 0 44 | 20 52 | 0 10 | 21 35 | 0 48 | 15 20 | 8 2 | 22 55 | 22 48 | 17 19 | 5 5 | 6 17 |
| T 10 | 17 37 | 8 20 | 5 6 | 14 37 | 0 59 | 4 44 | 1 44 | 23 19 | 1 38 | 6 3 | 0 56 | 21 44 | 0 44 | 20 52 | 0 10 | 21 35 | 0 48 | 15 20 | 8 1 | 22 56 | 22 48 | 17 21 | 5 4 | 6 17 |
| F 11 | 17 52 | 12 52 | 5 1 | 15 23 | 0 49 | 5 11 | 1 44 | 23 13 | 1 37 | 6 0 | 0 56 | 21 44 | 0 44 | 20 51 | 0 10 | 21 35 | 0 48 | 15 20 | 8 1 | 22 57 | 22 48 | 17 23 | 5 3 | 6 17 |
| S 12 | 18 7 | 16 54 | 4 44 | 16 9 | 0 39 | 5 38 | 1 45 | 23 7 | 1 37 | 5 56 | 0 57 | 21 45 | 0 44 | 20 51 | 0 10 | 21 35 | 0 48 | 15 20 | 8 1 | 22 57 | 22 49 | 17 25 | 5 2 | 6 18 |
| S 13 | 18 22 | 20 17 | 4 14 | 16 54 | 0 29 | 6 4 | 1 46 | 23 1 | 1 36 | 5 52 | 0 57 | 21 45 | 0 44 | 20 51 | 0 10 | 21 34 | 0 48 | 15 21 | 8 1 | 22 58 | 22 49 | 17 27 | 5 1 | 6 18 |
| M14 | 18 37 | 22 49 | 3 33 | 17 38 | 0 19 | 6 31 | 1 46 | 22 54 | 1 36 | 5 49 | 0 57 | 21 45 | 0 44 | 20 50 | 0 10 | 21 34 | 0 48 | 15 21 | 8 1 | 22 59 | 22 49 | 17 29 | 5 1 | 6 18 |
| T 15 | 18 51 | 24 22 | 2 42 | 18 21 | 0 8 | 6 57 | 1 46 | 22 48 | 1 36 | 5 45 | 0 57 | 21 45 | 0 44 | 20 50 | 0 10 | 21 34 | 0 48 | 15 21 | 8 1 | 22 59 | 22 50 | 17 31 | 5 0 | 6 19 |
| W16 | 19 5 | 24 47 | 1 44 | 19 4 | 0n 2 | 7 23 | 1 47 | 22 41 | 1 35 | 5 42 | 0 58 | 21 45 | 0 44 | 20 49 | 0 10 | 21 34 | 0 48 | 15 21 | 8 1 | 23 0 | 22 50 | 17 33 | 4 59 | 6 19 |
| T 17 | 19 19 | 24 1 | 0 40 | 19 44 | 0 13 | 7 49 | 1 47 | 22 34 | 1 35 | 5 38 | 0 58 | 21 46 | 0 44 | 20 49 | 0 10 | 21 34 | 0 48 | 15 21 | 8 0 | 23 0 | 22 50 | 17 35 | 4 58 | 6 20 |
| F 18 | 19 32 | 22 4 | 0s27 | 20 23 | 0 23 | 8 15 | 1 47 | 22 27 | 1 34 | 5 35 | 0 58 | 21 46 | 0 44 | 20 48 | 0 10 | 21 34 | 0 48 | 15 21 | 8 0 | 23 0 | 22 50 | 17 37 | 4 57 | 6 20 |
| S 19 | 19 45 | 19 2 | 1 34 | 21 1 | 0 34 | 8 41 | 1 47 | 22 20 | 1 34 | 5 32 | 0 58 | 21 46 | 0 44 | 20 48 | 0 10 | 21 34 | 0 48 | 15 22 | 8 0 | 23 0 | 22 51 | 17 39 | 4 57 | 6 20 |
| S 20 | 19 58 | 15 1 | 2 37 | 21 36 | 0 44 | 9 7 | 1 47 | 22 13 | 1 33 | 5 29 | 0 58 | 21 47 | 0 44 | 20 47 | 0 10 | 21 33 | 0 48 | 15 22 | 8 0 | 23 0 | 22 51 | 17 41 | 4 56 | 6 21 |
| M21 | 20 10 | 10 11 | 3 34 | 22 9 | 0 54 | 9 32 | 1 47 | 22 6 | 1 33 | 5 25 | 0 59 | 21 47 | 0 44 | 20 47 | 0 10 | 21 33 | 0 48 | 15 22 | 8 0 | 22 59 | 22 51 | 17 43 | 4 55 | 6 21 |
| T 22 | 20 22 | 4 46 | 4 21 | 22 40 | 1 3 | 9 57 | 1 47 | 21 58 | 1 32 | 5 22 | 0 59 | 21 47 | 0 44 | 20 47 | 0 10 | 21 33 | 0 48 | 15 22 | 8 0 | 22 59 | 22 52 | 17 45 | 4 55 | 6 21 |
| W23 | 20 34 | 1s 3 | 4 54 | 23 9 | 1 12 | 10 23 | 1 47 | 21 51 | 1 32 | 5 19 | 0 59 | 21 47 | 0 44 | 20 46 | 0 10 | 21 33 | 0 48 | 15 22 | 8 0 | 23 0 | 22 52 | 17 47 | 4 54 | 6 22 |
| T 24 | 20 45 | 6 58 | 5 10 | 23 35 | 1 21 | 10 47 | 1 47 | 21 43 | 1 32 | 5 16 | 0 59 | 21 48 | 0 44 | 20 46 | 0 10 | 21 33 | 0 48 | 15 22 | 8 0 | 23 0 | 22 52 | 17 49 | 4 53 | 6 22 |
| F 25 | 20 56 | 12 38 | 5 6 | 23 58 | 1 29 | 11 12 | 1 46 | 21 35 | 1 31 | 5 13 | 1 0 | 21 48 | 0 44 | 20 45 | 0 10 | 21 32 | 0 48 | 15 22 | 7 59 | 23 0 | 22 52 | 17 51 | 4 53 | 6 22 |
| S 26 | 21 6 | 17 40 | 4 42 | 24 19 | 1 36 | 11 37 | 1 46 | 21 27 | 1 31 | 5 10 | 1 0 | 21 48 | 0 44 | 20 45 | 0 10 | 21 32 | 0 48 | 15 23 | 7 59 | 23 0 | 22 53 | 17 52 | 4 52 | 6 23 |
| S 27 | 21 17 | 21 37 | 3 57 | 24 37 | 1 43 | 12 1 | 1 45 | 21 19 | 1 30 | 5 7 | 1 0 | 21 49 | 0 44 | 20 44 | 0 10 | 21 32 | 0 48 | 15 23 | 7 59 | 23 1 | 22 53 | 17 54 | 4 51 | 6 23 |
| M28 | 21 26 | 24 4 | 2 57 | 24 53 | 1 49 | 12 25 | 1 45 | 21 11 | 1 30 | 5 4 | 1 0 | 21 49 | 0 44 | 20 44 | 0 10 | 21 32 | 0 48 | 15 23 | 7 59 | 23 1 | 22 53 | 17 56 | 4 51 | 6 24 |
| T 29 | 21 36 | 24 46 | 1 44 | 25 6 | 1 55 | 12 48 | 1 44 | 21 2 | 1 29 | 5 2 | 1 1 | 21 50 | 0 44 | 20 43 | 0 10 | 21 32 | 0 48 | 15 23 | 7 59 | 23 1 | 22 53 | 17 58 | 4 50 | 6 24 |
| W30 | 21 45 | 23 44 | 0 27 | 25 16 | 2 0 | 13 12 | 1 43 | 20 54 | 1 29 | 4 59 | 1 1 | 21 50 | 0 44 | 20 43 | 0 10 | 21 31 | 0 48 | 15 23 | 7 59 | 23 1 | 22 54 | 18 0 | 4 50 | 6 24 |
| T 31 | 21n53 | 21s11 | 0n51 | 25n24 | 2n 4 | 13n35 | 1s42 | 20n45 | 1n29 | 4s56 | 1s 1 | 21s50 | 0n44 | 20s42 | 0n10 | 21n31 | 0s48 | 15n23 | 7s59 | 23s 1 | 22s54 | 18n 2 | 4s49 | 6n25 |

Julian Day Number = 2598127.5, Delta T = 08m43s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'03, Lahiri = 29°28'05


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## JUNE 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 38 44 | 10♊53'34 | 2♒54 | 28♊10 | 12♉33 | 4♌ 9 | 20♓ 0 | 14°R49 | 3°R49 | 17♋ 2 | 27♊40 | 9♑52 | 11♑21 | 6♉32 | 1♓47 | F 1 |
| S 2 | 16 42 41 | 11°51'11 | 16°13 | 29°56 | 13°45 | 4°45 | 20° 7 | 14♑45 | 3♐46 | 17° 4 | 27°41 | 9°53 | 11°18 | 6°39 | 1°47 | S 2 |
| S 3 | 16 46 37 | 12°48'48 | 29° 7 | 1♋39 | 14°58 | 5°20 | 20°14 | 14°42 | 3°44 | 17° 5 | 27°43 | 9°55 | 11°14 | 6°46 | 1°47 | S 3 |
| M 4 | 16 50 34 | 13°46'24 | 11♓39 | 3°19 | 16°10 | 5°56 | 20°21 | 14°39 | 3°41 | 17° 7 | 27°44 | 9°R55 | 11°11 | 6°53 | 1°47 | M 4 |
| T 5 | 16 54 30 | 14°43'59 | 23°55 | 4°56 | 17°22 | 6°31 | 20°28 | 14°35 | 3°39 | 17° 9 | 27°45 | 9°55 | 11° 8 | 6°59 | 1°R47 | T 5 |
| W 6 | 16 58 27 | 15°41'33 | 5♈59 | 6°30 | 18°35 | 7° 7 | 20°34 | 14°32 | 3°36 | 17°11 | 27°47 | 9°53 | 11° 5 | 7° 6 | 1°47 | W 6 |
| T 7 | 17 2 23 | 16°39'06 | 17°54 | 8° 2 | 19°47 | 7°42 | 20°41 | 14°28 | 3°34 | 17°13 | 27°48 | 9°51 | 11° 2 | 7°13 | 1°47 | T 7 |
| F 8 | 17 6 20 | 17°36'38 | 29°46 | 9°30 | 20°59 | 8°18 | 20°47 | 14°24 | 3°31 | 17°15 | 27°49 | 9°48 | 10°58 | 7°19 | 1°47 | F 8 |
| S 9 | 17 10 16 | 18°34'10 | 11♉37 | 10°55 | 22°12 | 8°54 | 20°53 | 14°21 | 3°29 | 17°17 | 27°51 | 9°44 | 10°55 | 7°26 | 1°47 | S 9 |
| S 10 | 17 14 13 | 19°31'40 | 23°30 | 12°17 | 23°24 | 9°30 | 20°59 | 14°17 | 3°27 | 17°19 | 27°52 | 9°41 | 10°52 | 7°33 | 1°47 | S 10 |
| M11 | 17 18 10 | 20°29'10 | 5♊29 | 13°36 | 24°37 | 10° 5 | 21° 4 | 14°13 | 3°24 | 17°21 | 27°54 | 9°38 | 10°49 | 7°40 | 1°46 | M11 |
| T 12 | 17 22 6 | 21°26'39 | 17°35 | 14°51 | 25°49 | 10°41 | 21°10 | 14° 9 | 3°22 | 17°23 | 27°55 | 9°36 | 10°46 | 7°46 | 1°46 | T 12 |
| W13 | 17 26 3 | 22°24'07 | 29°49 | 16° 4 | 27° 2 | 11°17 | 21°15 | 14° 5 | 3°20 | 17°25 | 27°56 | 9°35 | 10°43 | 7°53 | 1°46 | W13 |
| T 14 | 17 29 59 | 23°21'35 | 12♋14 | 17°13 | 28°14 | 11°53 | 21°21 | 14° 1 | 3°17 | 17°27 | 27°58 | 9°D35 | 10°39 | 8° 0 | 1°45 | T 14 |
| F 15 | 17 33 56 | 24°19'01 | 24°50 | 18°18 | 29°27 | 12°29 | 21°26 | 13°57 | 3°15 | 17°29 | 27°59 | 9°35 | 10°36 | 8° 6 | 1°44 | F 15 |
| S 16 | 17 37 52 | 25°16'26 | 7♌40 | 19°21 | 0♊39 | 13° 5 | 21°30 | 13°53 | 3°13 | 17°32 | 28° 1 | 9°36 | 10°33 | 8°13 | 1°44 | S 16 |
| S 17 | 17 41 49 | 26°13'50 | 20°44 | 20°19 | 1°52 | 13°41 | 21°35 | 13°49 | 3°10 | 17°34 | 28° 2 | 9°37 | 10°30 | 8°20 | 1°43 | S 17 |
| M18 | 17 45 45 | 27°11'13 | 4♍ 3 | 21°14 | 3° 4 | 14°17 | 21°40 | 13°45 | 3° 8 | 17°36 | 28° 3 | 9°38 | 10°27 | 8°26 | 1°42 | M18 |
| T 19 | 17 49 42 | 28° 8'35 | 17°39 | 22° 6 | 4°17 | 14°53 | 21°44 | 13°41 | 3° 6 | 17°38 | 28° 5 | 9°39 | 10°24 | 8°33 | 1°41 | T 19 |
| W20 | 17 53 39 | 29° 5'57 | 1♎33 | 22°53 | 5°29 | 15°29 | 21°48 | 13°37 | 3° 4 | 17°40 | 28° 6 | 9°R39 | 10°20 | 8°40 | 1°41 | W20 |
| T 21 | 17 57 35 | 0♋ 3'17 | 15°43 | 23°37 | 6°42 | 16° 5 | 21°52 | 13°33 | 3° 2 | 17°42 | 28° 8 | 9°39 | 10°17 | 8°47 | 1°40 | T 21 |
| F 22 | 18 1 32 | 1° 0'36 | 0♏ 8 | 24°17 | 7°55 | 16°41 | 21°56 | 13°28 | 3° 0 | 17°44 | 28° 9 | 9°38 | 10°14 | 8°53 | 1°39 | F 22 |
| S 23 | 18 5 28 | 1°57'54 | 14°45 | 24°53 | 9° 7 | 17°17 | 22° 0 | 13°24 | 2°58 | 17°46 | 28°10 | 9°37 | 10°11 | 9° 0 | 1°38 | S 23 |
| S 24 | 18 9 25 | 2°55'12 | 29°27 | 25°24 | 10°20 | 17°53 | 22° 3 | 13°20 | 2°55 | 17°49 | 28°12 | 9°37 | 10° 8 | 9° 7 | 1°36 | S 24 |
| M25 | 18 13 21 | 3°52'28 | 14♐10 | 25°52 | 11°33 | 18°29 | 22° 6 | 13°16 | 2°53 | 17°51 | 28°13 | 9°36 | 10° 4 | 9°13 | 1°35 | M25 |
| T 26 | 18 17 18 | 4°49'45 | 28°46 | 26°14 | 12°45 | 19° 5 | 22°10 | 13°11 | 2°51 | 17°53 | 28°15 | 9°36 | 10° 1 | 9°20 | 1°34 | T 26 |
| W27 | 18 21 14 | 5°47'00 | 13♑ 9 | 26°33 | 13°58 | 19°42 | 22°12 | 13° 7 | 2°49 | 17°55 | 28°16 | 9°D36 | 9°58 | 9°27 | 1°33 | W27 |
| T 28 | 18 25 11 | 6°44'16 | 27°13 | 26°47 | 15°11 | 20°18 | 22°15 | 13° 2 | 2°47 | 17°57 | 28°17 | 9°36 | 9°55 | 9°34 | 1°31 | T 28 |
| F 29 | 18 29 8 | 7°41'30 | 10♒56 | 26°56 | 16°24 | 20°54 | 22°18 | 12°58 | 2°46 | 18° 0 | 28°19 | 9°36 | 9°52 | 9°40 | 1°30 | F 29 |
| S 30 | 18 33 4 | 8♋38'45 | 24♒16 | 27♋ 1 | 17♊36 | 21♌30 | 22♓20 | 12♑54 | 2♐44 | 18♋ 2 | 28♊20 | 9♑36 | 9♑49 | 9♉47 | 1♓28 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 2 | 17s28 | 2n 3 | 25n29 | 2n 7 | 13n58 | 1s41 | 20n36 | 1n28 | 4s53 | 1s 1 | 21s51 | 0n44 | 20s42 | 0n10 | 21n31 | 0s48 | 15n23 | 7s59 | 23s 1 | 22s54 | 18n 4 | 4s49 | 6n25 |
| S 2 | 22 10 | 12 59 | 3 6 | 25 32 | 2 9 | 14 20 | 1 40 | 20 27 | 1 28 | 4 51 | 1 2 | 21 51 | 0 44 | 20 42 | 0 10 | 21 31 | 0 48 | 15 23 | 7 59 | 23 1 | 22 55 | 18 6 | 4 48 | 6 25 |
| S 3 | 22 17 | 8 2 | 3 58 | 25 33 | 2 10 | 14 42 | 1 39 | 20 18 | 1 27 | 4 48 | 1 2 | 21 51 | 0 44 | 20 41 | 0 10 | 21 31 | 0 48 | 15 24 | 7 59 | 23 1 | 22 55 | 18 8 | 4 48 | 6 26 |
| M 4 | 22 24 | 2 54 | 4 37 | 25 32 | 2 11 | 15 4 | 1 38 | 20 9 | 1 27 | 4 46 | 1 2 | 21 52 | 0 43 | 20 41 | 0 10 | 21 30 | 0 48 | 15 24 | 7 58 | 23 1 | 22 55 | 18 10 | 4 48 | 6 26 |
| T 5 | 22 31 | 2n13 | 5 2 | 25 29 | 2 11 | 15 26 | 1 37 | 20 0 | 1 26 | 4 44 | 1 2 | 21 52 | 0 43 | 20 40 | 0 10 | 21 30 | 0 48 | 15 24 | 7 58 | 23 1 | 22 55 | 18 11 | 4 47 | 6 27 |
| W 6 | 22 37 | 7 10 | 5 13 | 25 24 | 2 10 | 15 47 | 1 36 | 19 50 | 1 26 | 4 41 | 1 3 | 21 53 | 0 43 | 20 40 | 0 10 | 21 30 | 0 48 | 15 24 | 7 58 | 23 1 | 22 56 | 18 13 | 4 47 | 6 27 |
| T 7 | 22 43 | 11 48 | 5 11 | 25 17 | 2 8 | 16 7 | 1 35 | 19 41 | 1 25 | 4 39 | 1 3 | 21 53 | 0 43 | 20 39 | 0 10 | 21 30 | 0 47 | 15 24 | 7 58 | 23 1 | 22 56 | 18 15 | 4 47 | 6 27 |
| F 8 | 22 49 | 15 58 | 4 55 | 25 9 | 2 6 | 16 28 | 1 33 | 19 31 | 1 25 | 4 37 | 1 3 | 21 54 | 0 43 | 20 39 | 0 10 | 21 30 | 0 47 | 15 24 | 7 58 | 23 2 | 22 56 | 18 17 | 4 46 | 6 28 |
| S 9 | 22 54 | 19 31 | 4 27 | 24 59 | 2 3 | 16 48 | 1 32 | 19 21 | 1 24 | 4 35 | 1 3 | 21 54 | 0 43 | 20 38 | 0 10 | 21 29 | 0 47 | 15 24 | 7 58 | 23 2 | 22 56 | 18 19 | 4 46 | 6 28 |
| S 10 | 22 59 | 22 16 | 3 47 | 24 47 | 1 59 | 17 7 | 1 30 | 19 11 | 1 24 | 4 33 | 1 4 | 21 54 | 0 43 | 20 38 | 0 10 | 21 29 | 0 47 | 15 24 | 7 58 | 23 2 | 22 57 | 18 21 | 4 46 | 6 28 |
| M11 | 23 3 | 24 4 | 2 57 | 24 35 | 1 54 | 17 27 | 1 29 | 19 1 | 1 24 | 4 31 | 1 4 | 21 55 | 0 43 | 20 38 | 0 10 | 21 29 | 0 47 | 15 24 | 7 58 | 23 2 | 22 57 | 18 23 | 4 46 | 6 29 |
| T 12 | 23 7 | 24 46 | 1 58 | 24 21 | 1 48 | 17 45 | 1 27 | 18 51 | 1 23 | 4 29 | 1 4 | 21 55 | 0 43 | 20 37 | 0 10 | 21 29 | 0 47 | 15 24 | 7 58 | 23 2 | 22 57 | 18 24 | 4 45 | 6 29 |
| W13 | 23 10 | 24 17 | 0 54 | 24 6 | 1 41 | 18 4 | 1 26 | 18 41 | 1 23 | 4 27 | 1 4 | 21 56 | 0 43 | 20 37 | 0 10 | 21 28 | 0 47 | 15 25 | 7 58 | 23 3 | 22 57 | 18 26 | 4 45 | 6 30 |
| T 14 | 23 13 | 22 35 | 0s15 | 23 50 | 1 34 | 18 21 | 1 24 | 18 30 | 1 22 | 4 25 | 1 5 | 21 56 | 0 43 | 20 36 | 0 10 | 21 28 | 0 47 | 15 25 | 7 58 | 23 3 | 22 58 | 18 28 | 4 45 | 6 30 |
| F 15 | 23 16 | 19 45 | 1 23 | 23 34 | 1 26 | 18 39 | 1 22 | 18 20 | 1 22 | 4 23 | 1 5 | 21 57 | 0 43 | 20 36 | 0 10 | 21 28 | 0 47 | 15 25 | 7 58 | 23 3 | 22 58 | 18 30 | 4 45 | 6 30 |
| S 16 | 23 18 | 15 55 | 2 29 | 23 17 | 1 18 | 18 56 | 1 21 | 18 9 | 1 21 | 4 22 | 1 5 | 21 57 | 0 43 | 20 35 | 0 10 | 21 28 | 0 47 | 15 25 | 7 58 | 23 2 | 22 58 | 18 32 | 4 45 | 6 31 |
| S 17 | 23 20 | 11 15 | 3 28 | 22 59 | 1 8 | 19 12 | 1 19 | 17 59 | 1 21 | 4 20 | 1 6 | 21 58 | 0 43 | 20 35 | 0 10 | 21 27 | 0 47 | 15 25 | 7 58 | 23 2 | 22 58 | 18 33 | 4 45 | 6 31 |
| M18 | 23 21 | 6 0 | 4 18 | 22 40 | 0 58 | 19 28 | 1 17 | 17 48 | 1 20 | 4 19 | 1 6 | 21 58 | 0 43 | 20 35 | 0 10 | 21 27 | 0 47 | 15 25 | 7 58 | 23 2 | 22 59 | 18 35 | 4 45 | 6 31 |
| T 19 | 23 22 | 0 21 | 4 54 | 22 21 | 0 47 | 19 44 | 1 15 | 17 37 | 1 20 | 4 17 | 1 6 | 21 59 | 0 43 | 20 34 | 0 10 | 21 27 | 0 47 | 15 25 | 7 58 | 23 2 | 22 59 | 18 37 | 4 45 | 6 32 |
| W20 | 23 23 | 5s24 | 5 13 | 22 2 | 0 36 | 19 59 | 1 13 | 17 26 | 1 20 | 4 16 | 1 6 | 21 59 | 0 43 | 20 34 | 0 10 | 21 27 | 0 47 | 15 25 | 7 57 | 23 2 | 22 59 | 18 39 | 4 45 | 6 32 |
| T 21 | 23 23 | 11 1 | 5 15 | 21 43 | 0 24 | 20 13 | 1 11 | 17 14 | 1 19 | 4 14 | 1 7 | 22 0 | 0 43 | 20 33 | 0 10 | 21 26 | 0 47 | 15 25 | 7 57 | 23 2 | 22 59 | 18 41 | 4 45 | 6 32 |
| F 22 | 23 23 | 16 7 | 4 57 | 21 24 | 0 11 | 20 27 | 1 9 | 17 3 | 1 19 | 4 13 | 1 7 | 22 0 | 0 43 | 20 33 | 0 10 | 21 26 | 0 47 | 15 25 | 7 57 | 23 2 | 23 0 | 18 42 | 4 45 | 6 33 |
| S 23 | 23 22 | 20 21 | 4 19 | 21 4 | 0s 2 | 20 40 | 1 7 | 16 52 | 1 18 | 4 12 | 1 7 | 22 1 | 0 42 | 20 33 | 0 10 | 21 26 | 0 47 | 15 25 | 7 57 | 23 2 | 23 0 | 18 44 | 4 45 | 6 33 |
| S 24 | 23 21 | 23 19 | 3 25 | 20 45 | 0 16 | 20 53 | 1 5 | 16 40 | 1 18 | 4 11 | 1 8 | 22 1 | 0 42 | 20 32 | 0 10 | 21 26 | 0 47 | 15 25 | 7 57 | 23 2 | 23 0 | 18 46 | 4 45 | 6 33 |
| M25 | 23 20 | 24 42 | 2 16 | 20 26 | 0 31 | 21 5 | 1 2 | 16 29 | 1 17 | 4 10 | 1 8 | 22 2 | 0 42 | 20 32 | 0 10 | 21 25 | 0 47 | 15 25 | 7 57 | 23 2 | 23 0 | 18 48 | 4 45 | 6 34 |
| T 26 | 23 18 | 24 23 | 1 0 | 20 7 | 0 46 | 21 17 | 1 0 | 16 17 | 1 17 | 4 9 | 1 8 | 22 2 | 0 42 | 20 31 | 0 10 | 21 25 | 0 47 | 15 25 | 7 57 | 23 2 | 23 1 | 18 50 | 4 45 | 6 34 |
| W27 | 23 16 | 22 25 | 0n20 | 19 48 | 1 1 | 21 28 | 0 58 | 16 5 | 1 16 | 4 8 | 1 8 | 22 3 | 0 42 | 20 31 | 0 10 | 21 25 | 0 47 | 15 25 | 7 57 | 23 2 | 23 1 | 18 51 | 4 45 | 6 34 |
| T 28 | 23 13 | 19 6 | 1 36 | 19 30 | 1 17 | 21 39 | 0 56 | 15 53 | 1 16 | 4 7 | 1 9 | 22 3 | 0 42 | 20 31 | 0 10 | 21 24 | 0 47 | 15 25 | 7 57 | 23 2 | 23 1 | 18 53 | 4 45 | 6 35 |
| F 29 | 23 10 | 14 48 | 2 45 | 19 13 | 1 32 | 21 48 | 0 53 | 15 41 | 1 15 | 4 6 | 1 9 | 22 4 | 0 42 | 20 30 | 0 10 | 21 24 | 0 47 | 15 25 | 7 57 | 23 2 | 23 1 | 18 55 | 4 46 | 6 35 |
| S 30 | 23n 6 | 9s53 | 3n43 | 18n56 | 1s49 | 21n58 | 0s51 | 15n29 | 1n15 | 4s 6 | 1s 9 | 22s 4 | 0n42 | 20s30 | 0n10 | 21n24 | 0s47 | 15n25 | 7s57 | 23s 2 | 23s 2 | 18n57 | 4s46 | 6n35 |

Julian Day Number = 2598158.5, Delta T = 08m43s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'08, Lahiri = 29°28'09


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## JULY 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 1 | 9♋35'59 | 7♓13 | 27°R 1 | 18♊49 | 22♌ 7 | 22♓22 | 12°R49 | 2°R42 | 18♋ 4 | 28♊22 | 9°R36 | 9♑45 | 9♉54 | 1°R27 | S 1 |
| M 2 | 18 40 57 | 10°33'13 | 19°49 | 26♋57 | 20° 2 | 22°43 | 22°24 | 12♑45 | 2♐40 | 18° 6 | 28°23 | 9♑36 | 9°42 | 10° 0 | 1♓25 | M 2 |
| T 3 | 18 44 54 | 11°30'27 | 2♈ 8 | 26°48 | 21°15 | 23°20 | 22°26 | 12°40 | 2°38 | 18° 8 | 28°24 | 9°36 | 9°39 | 10° 7 | 1°24 | T 3 |
| W 4 | 18 48 50 | 12°27'42 | 14°14 | 26°35 | 22°28 | 23°56 | 22°28 | 12°36 | 2°37 | 18°11 | 28°26 | 9°D36 | 9°36 | 10°14 | 1°22 | W 4 |
| T 5 | 18 52 47 | 13°24'56 | 26°10 | 26°18 | 23°41 | 24°32 | 22°29 | 12°32 | 2°35 | 18°13 | 28°27 | 9°36 | 9°33 | 10°20 | 1°20 | T 5 |
| F 6 | 18 56 43 | 14°22'10 | 8♉ 2 | 25°56 | 24°54 | 25° 9 | 22°30 | 12°27 | 2°33 | 18°15 | 28°29 | 9°36 | 9°30 | 10°27 | 1°18 | F 6 |
| S 7 | 19 0 40 | 15°19'24 | 19°54 | 25°32 | 26° 7 | 25°45 | 22°31 | 12°23 | 2°32 | 18°17 | 28°30 | 9°37 | 9°26 | 10°34 | 1°16 | S 7 |
| S 8 | 19 4 37 | 16°16'39 | 1♊51 | 25° 3 | 27°20 | 26°22 | 22°32 | 12°18 | 2°30 | 18°20 | 28°31 | 9°38 | 9°23 | 10°41 | 1°14 | S 8 |
| M 9 | 19 8 33 | 17°13'53 | 13°55 | 24°32 | 28°33 | 26°59 | 22°33 | 12°14 | 2°28 | 18°22 | 28°33 | 9°38 | 9°20 | 10°47 | 1°12 | M 9 |
| T 10 | 19 12 30 | 18°11'08 | 26° 9 | 23°59 | 29°46 | 27°35 | 22°33 | 12°10 | 2°27 | 18°24 | 28°34 | 9°39 | 9°17 | 10°54 | 1°10 | T 10 |
| W11 | 19 16 26 | 19° 8'22 | 8♋37 | 23°24 | 0♋59 | 28°12 | 22°33 | 12° 5 | 2°25 | 18°26 | 28°35 | 9°R39 | 9°14 | 11° 1 | 1° 8 | W11 |
| T 12 | 19 20 23 | 20° 5'37 | 21°19 | 22°47 | 2°12 | 28°49 | 22°R33 | 12° 1 | 2°24 | 18°28 | 28°37 | 9°39 | 9°10 | 11° 7 | 1° 6 | T 12 |
| F 13 | 19 24 19 | 21° 2'51 | 4♌16 | 22°10 | 3°25 | 29°25 | 22°33 | 11°57 | 2°23 | 18°31 | 28°38 | 9°38 | 9° 7 | 11°14 | 1° 4 | F 13 |
| S 14 | 19 28 16 | 22° 0'06 | 17°28 | 21°32 | 4°38 | 0♍ 2 | 22°33 | 11°52 | 2°21 | 18°33 | 28°39 | 9°37 | 9° 4 | 11°21 | 1° 2 | S 14 |
| S 15 | 19 32 13 | 22°57'20 | 0♍54 | 20°55 | 5°51 | 0°39 | 22°32 | 11°48 | 2°20 | 18°35 | 28°41 | 9°35 | 9° 1 | 11°28 | 1° 0 | S 15 |
| M16 | 19 36 9 | 23°54'35 | 14°33 | 20°20 | 7° 4 | 1°15 | 22°32 | 11°44 | 2°19 | 18°37 | 28°42 | 9°34 | 8°58 | 11°34 | 0°57 | M16 |
| T 17 | 19 40 6 | 24°51'49 | 28°24 | 19°46 | 8°18 | 1°52 | 22°31 | 11°39 | 2°18 | 18°40 | 28°43 | 9°32 | 8°55 | 11°41 | 0°55 | T 17 |
| W18 | 19 44 2 | 25°49'03 | 12♎24 | 19°15 | 9°31 | 2°29 | 22°30 | 11°35 | 2°16 | 18°42 | 28°44 | 9°31 | 8°51 | 11°48 | 0°52 | W18 |
| T 19 | 19 47 59 | 26°46'17 | 26°33 | 18°46 | 10°44 | 3° 6 | 22°28 | 11°31 | 2°15 | 18°44 | 28°46 | 9°D30 | 8°48 | 11°54 | 0°50 | T 19 |
| F 20 | 19 51 55 | 27°43'31 | 10♏47 | 18°21 | 11°57 | 3°43 | 22°27 | 11°27 | 2°14 | 18°46 | 28°47 | 9°31 | 8°45 | 12° 1 | 0°48 | F 20 |
| S 21 | 19 55 52 | 28°40'45 | 25° 5 | 18° 1 | 13°11 | 4°20 | 22°25 | 11°23 | 2°13 | 18°48 | 28°48 | 9°32 | 8°42 | 12° 8 | 0°45 | S 21 |
| S 22 | 19 59 48 | 29°37'59 | 9♐23 | 17°44 | 14°24 | 4°57 | 22°23 | 11°19 | 2°12 | 18°51 | 28°49 | 9°33 | 8°39 | 12°14 | 0°42 | S 22 |
| M23 | 20 3 45 | 0♑35'13 | 23°39 | 17°32 | 15°37 | 5°34 | 22°21 | 11°15 | 2°11 | 18°53 | 28°51 | 9°34 | 8°36 | 12°21 | 0°40 | M23 |
| T 24 | 20 7 42 | 1°32'28 | 7♑49 | 17°26 | 16°50 | 6°11 | 22°19 | 11°11 | 2°10 | 18°55 | 28°52 | 9°R35 | 8°32 | 12°28 | 0°37 | T 24 |
| W25 | 20 11 38 | 2°29'42 | 21°49 | 17°D24 | 18° 4 | 6°48 | 22°16 | 11° 7 | 2°10 | 18°57 | 28°53 | 9°34 | 8°29 | 12°35 | 0°35 | W25 |
| T 26 | 20 15 35 | 3°26'57 | 5♒35 | 17°28 | 19°17 | 7°25 | 22°14 | 11° 3 | 2° 9 | 18°59 | 28°54 | 9°33 | 8°26 | 12°41 | 0°32 | T 26 |
| F 27 | 20 19 31 | 4°24'12 | 19° 6 | 17°38 | 20°31 | 8° 2 | 22°11 | 10°59 | 2° 8 | 19° 2 | 28°55 | 9°30 | 8°23 | 12°48 | 0°29 | F 27 |
| S 28 | 20 23 28 | 5°21'28 | 2♓18 | 17°54 | 21°44 | 8°39 | 22° 8 | 10°55 | 2° 7 | 19° 4 | 28°57 | 9°26 | 8°20 | 12°55 | 0°26 | S 28 |
| S 29 | 20 27 24 | 6°18'45 | 15°11 | 18°15 | 22°57 | 9°16 | 22° 5 | 10°51 | 2° 7 | 19° 6 | 28°58 | 9°22 | 8°16 | 13° 1 | 0°24 | S 29 |
| M30 | 20 31 21 | 7°16'02 | 27°47 | 18°42 | 24°11 | 9°53 | 22° 1 | 10°47 | 2° 6 | 19° 8 | 28°59 | 9°18 | 8°13 | 13° 8 | 0°21 | M30 |
| T 31 | 20 35 17 | 8♌13'20 | 10♈ 6 | 19♋15 | 25♋24 | 10♍31 | 21♓58 | 10♑44 | 2♐ 6 | 19♋10 | 29♊ 0 | 9♑15 | 8♑10 | 13♉15 | 0♓18 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 2 | 4s41 | 4n28 | 18n40 | 2s 5 | 22n 7 | 0s49 | 15n17 | 1n15 | 4s 5 | 1s10 | 22s 5 | 0n42 | 20s30 | 0n10 | 21n24 | 0s47 | 15n26 | 7s57 | 23s 2 | 23s 2 | 18n58 | 4s46 | 6n36 |
| M 2 | 22 58 | 0n33 | 4 58 | 18 25 | 2 21 | 22 15 | 0 46 | 15 5 | 1 14 | 4 5 | 1 10 | 22 5 | 0 42 | 20 29 | 0 10 | 21 23 | 0 47 | 15 26 | 7 57 | 23 2 | 23 2 | 19 0 | 4 46 | 6 36 |
| T 3 | 22 53 | 5 39 | 5 14 | 18 11 | 2 37 | 22 22 | 0 44 | 14 52 | 1 14 | 4 4 | 1 10 | 22 6 | 0 42 | 20 29 | 0 10 | 21 23 | 0 47 | 15 26 | 7 57 | 23 2 | 23 2 | 19 2 | 4 47 | 6 36 |
| W 4 | 22 48 | 10 27 | 5 16 | 17 58 | 2 53 | 22 29 | 0 42 | 14 40 | 1 13 | 4 4 | 1 11 | 22 6 | 0 42 | 20 29 | 0 10 | 21 23 | 0 47 | 15 26 | 7 57 | 23 2 | 23 2 | 19 3 | 4 47 | 6 36 |
| T 5 | 22 43 | 14 48 | 5 4 | 17 46 | 3 8 | 22 35 | 0 39 | 14 27 | 1 13 | 4 4 | 1 11 | 22 7 | 0 42 | 20 28 | 0 10 | 21 23 | 0 47 | 15 26 | 7 57 | 23 2 | 23 3 | 19 5 | 4 47 | 6 37 |
| F 6 | 22 37 | 18 33 | 4 39 | 17 35 | 3 23 | 22 41 | 0 37 | 14 15 | 1 12 | 4 3 | 1 11 | 22 7 | 0 41 | 20 28 | 0 10 | 21 22 | 0 47 | 15 26 | 7 57 | 23 2 | 23 3 | 19 7 | 4 48 | 6 37 |
| S 7 | 22 31 | 21 34 | 4 2 | 17 25 | 3 38 | 22 46 | 0 34 | 14 2 | 1 12 | 4 3 | 1 11 | 22 8 | 0 41 | 20 28 | 0 10 | 21 22 | 0 47 | 15 26 | 7 57 | 23 2 | 23 3 | 19 9 | 4 48 | 6 37 |
| S 8 | 22 24 | 23 40 | 3 15 | 17 17 | 3 51 | 22 50 | 0 32 | 13 49 | 1 11 | 4 3 | 1 12 | 22 8 | 0 41 | 20 27 | 0 10 | 21 22 | 0 47 | 15 26 | 7 57 | 23 2 | 23 3 | 19 10 | 4 48 | 6 38 |
| M 9 | 22 17 | 24 42 | 2 18 | 17 10 | 4 4 | 22 54 | 0 29 | 13 36 | 1 11 | 4 3 | 1 12 | 22 9 | 0 41 | 20 27 | 0 10 | 21 21 | 0 47 | 15 26 | 7 57 | 23 2 | 23 4 | 19 12 | 4 49 | 6 38 |
| T 10 | 22 9 | 24 34 | 1 14 | 17 4 | 4 15 | 22 57 | 0 27 | 13 23 | 1 10 | 4 3 | 1 12 | 22 9 | 0 41 | 20 27 | 0 10 | 21 21 | 0 47 | 15 26 | 7 57 | 23 2 | 23 4 | 19 14 | 4 49 | 6 38 |
| W11 | 22 1 | 23 12 | 0 6 | 17 0 | 4 26 | 22 59 | 0 24 | 13 10 | 1 10 | 4 4 | 1 13 | 22 9 | 0 41 | 20 27 | 0 10 | 21 21 | 0 47 | 15 26 | 7 57 | 23 2 | 23 4 | 19 15 | 4 50 | 6 38 |
| T 12 | 21 53 | 20 39 | 1s 4 | 16 57 | 4 35 | 23 0 | 0 22 | 12 57 | 1 9 | 4 4 | 1 13 | 22 10 | 0 41 | 20 26 | 0 10 | 21 20 | 0 47 | 15 26 | 7 57 | 23 2 | 23 4 | 19 17 | 4 50 | 6 39 |
| F 13 | 21 45 | 17 1 | 2 12 | 16 56 | 4 42 | 23 1 | 0 19 | 12 44 | 1 9 | 4 4 | 1 13 | 22 10 | 0 41 | 20 26 | 0 10 | 21 20 | 0 47 | 15 26 | 7 57 | 23 2 | 23 4 | 19 19 | 4 51 | 6 39 |
| S 14 | 21 36 | 12 29 | 3 14 | 16 56 | 4 48 | 23 2 | 0 17 | 12 30 | 1 9 | 4 5 | 1 13 | 22 11 | 0 41 | 20 26 | 0 10 | 21 20 | 0 47 | 15 26 | 7 57 | 23 2 | 23 5 | 19 20 | 4 51 | 6 39 |
| S 15 | 21 26 | 7 17 | 4 7 | 16 57 | 4 52 | 23 1 | 0 14 | 12 17 | 1 8 | 4 5 | 1 14 | 22 11 | 0 41 | 20 26 | 0 10 | 21 20 | 0 47 | 15 26 | 7 57 | 23 3 | 23 5 | 19 22 | 4 52 | 6 39 |
| M16 | 21 17 | 1 40 | 4 46 | 16 59 | 4 55 | 23 0 | 0 12 | 12 3 | 1 8 | 4 6 | 1 14 | 22 12 | 0 41 | 20 25 | 0 10 | 21 19 | 0 47 | 15 26 | 7 57 | 23 3 | 23 5 | 19 24 | 4 53 | 6 40 |
| T 17 | 21 7 | 4s 6 | 5 10 | 17 3 | 4 56 | 22 59 | 0 9 | 11 50 | 1 7 | 4 6 | 1 14 | 22 12 | 0 40 | 20 25 | 0 10 | 21 19 | 0 47 | 15 26 | 7 57 | 23 3 | 23 5 | 19 25 | 4 53 | 6 40 |
| W18 | 20 56 | 9 44 | 5 15 | 17 8 | 4 56 | 22 56 | 0 6 | 11 36 | 1 7 | 4 7 | 1 15 | 22 13 | 0 40 | 20 25 | 0 9 | 21 19 | 0 47 | 15 26 | 7 57 | 23 3 | 23 6 | 19 27 | 4 54 | 6 40 |
| T 19 | 20 45 | 14 54 | 5 2 | 17 14 | 4 54 | 22 53 | 0 4 | 11 23 | 1 6 | 4 8 | 1 15 | 22 13 | 0 40 | 20 25 | 0 9 | 21 18 | 0 47 | 15 26 | 7 57 | 23 3 | 23 6 | 19 29 | 4 54 | 6 40 |
| F 20 | 20 34 | 19 18 | 4 30 | 17 21 | 4 50 | 22 50 | 0 1 | 11 9 | 1 6 | 4 9 | 1 15 | 22 14 | 0 40 | 20 25 | 0 9 | 21 18 | 0 47 | 15 25 | 7 57 | 23 3 | 23 6 | 19 30 | 4 55 | 6 40 |
| S 21 | 20 23 | 22 34 | 3 41 | 17 29 | 4 45 | 22 45 | 0n 1 | 10 55 | 1 5 | 4 10 | 1 16 | 22 14 | 0 40 | 20 24 | 0 9 | 21 18 | 0 47 | 15 25 | 7 57 | 23 3 | 23 6 | 19 32 | 4 56 | 6 41 |
| S 22 | 20 11 | 24 26 | 2 39 | 17 37 | 4 38 | 22 40 | 0 4 | 10 41 | 1 5 | 4 11 | 1 16 | 22 15 | 0 40 | 20 24 | 0 9 | 21 18 | 0 47 | 15 25 | 7 58 | 23 3 | 23 6 | 19 33 | 4 57 | 6 41 |
| M23 | 19 59 | 24 41 | 1 27 | 17 47 | 4 30 | 22 35 | 0 6 | 10 27 | 1 4 | 4 12 | 1 16 | 22 15 | 0 40 | 20 24 | 0 9 | 21 17 | 0 47 | 15 25 | 7 58 | 23 3 | 23 7 | 19 35 | 4 57 | 6 41 |
| T 24 | 19 46 | 23 19 | 0 10 | 17 56 | 4 21 | 22 28 | 0 9 | 10 13 | 1 4 | 4 13 | 1 16 | 22 16 | 0 40 | 20 24 | 0 9 | 21 17 | 0 47 | 15 25 | 7 58 | 23 3 | 23 7 | 19 37 | 4 58 | 6 41 |
| W25 | 19 34 | 20 32 | 1n 7 | 18 7 | 4 11 | 22 21 | 0 11 | 9 59 | 1 3 | 4 14 | 1 17 | 22 16 | 0 40 | 20 24 | 0 9 | 21 17 | 0 47 | 15 25 | 7 58 | 23 3 | 23 7 | 19 38 | 4 59 | 6 41 |
| T 26 | 19 21 | 16 36 | 2 18 | 18 17 | 4 0 | 22 14 | 0 14 | 9 45 | 1 3 | 4 15 | 1 17 | 22 16 | 0 39 | 20 24 | 0 9 | 21 16 | 0 47 | 15 25 | 7 58 | 23 3 | 23 7 | 19 40 | 5 0 | 6 41 |
| F 27 | 19 7 | 11 54 | 3 20 | 18 28 | 3 48 | 22 5 | 0 16 | 9 30 | 1 2 | 4 17 | 1 17 | 22 17 | 0 39 | 20 23 | 0 9 | 21 16 | 0 47 | 15 25 | 7 58 | 23 3 | 23 7 | 19 41 | 5 0 | 6 42 |
| S 28 | 18 53 | 6 44 | 4 10 | 18 39 | 3 35 | 21 56 | 0 18 | 9 16 | 1 2 | 4 18 | 1 17 | 22 17 | 0 39 | 20 23 | 0 9 | 21 16 | 0 47 | 15 25 | 7 58 | 23 3 | 23 8 | 19 43 | 5 1 | 6 42 |
| S 29 | 18 39 | 1 26 | 4 46 | 18 49 | 3 21 | 21 47 | 0 21 | 9 2 | 1 2 | 4 20 | 1 18 | 22 18 | 0 39 | 20 23 | 0 9 | 21 15 | 0 47 | 15 25 | 7 58 | 23 3 | 23 8 | 19 45 | 5 2 | 6 42 |
| M30 | 18 25 | 3n49 | 5 7 | 19 0 | 3 7 | 21 37 | 0 23 | 8 47 | 1 1 | 4 21 | 1 18 | 22 18 | 0 39 | 20 23 | 0 9 | 21 15 | 0 47 | 15 25 | 7 58 | 23 4 | 23 8 | 19 46 | 5 3 | 6 42 |
| T 31 | 18n10 | 8n47 | 5n13 | 19n 9 | 2s53 | 21n26 | 0n25 | 8n33 | 1n 1 | 4s23 | 1s18 | 22s18 | 0n39 | 20s23 | 0n 9 | 21n15 | 0s47 | 15n25 | 7s58 | 23s 4 | 23s 8 | 19n48 | 5s 4 | 6n42 |

Julian Day Number = 2598188.5, Delta T = 08m43s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'12, Lahiri = 29°28'13


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## AUGUST 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 39 14 | 9♌10'38 | 22♈12 | 19♋53 | 26♋38 | 11♍ 8 | 21°R54 | 10°R40 | 2°R 5 | 19♋12 | 29♊ 1 | 9°R12 | 8♉ 7 | 13♉21 | 0°R15 | W 1 |
| T 2 | 20 43 11 | 10° 7'58 | 4♉ 9 | 20°38 | 27°52 | 11°45 | 21♓50 | 10♉37 | 2♐ 5 | 19°14 | 29° 2 | 9♉11 | 8° 4 | 13°28 | 0♓12 | T 2 |
| F 3 | 20 47 7 | 11° 5'19 | 16° 1 | 21°28 | 29° 5 | 12°22 | 21°46 | 10°33 | 2° 4 | 19°17 | 29° 3 | 9°D11 | 8° 1 | 13°35 | 0° 9 | F 3 |
| S 4 | 20 51 4 | 12° 2'40 | 27°53 | 22°23 | 0♌19 | 13° 0 | 21°42 | 10°30 | 2° 4 | 19°19 | 29° 5 | 9°12 | 7°57 | 13°41 | 0° 6 | S 4 |
| S 5 | 20 55 0 | 13° 0'03 | 9♊51 | 23°25 | 1°32 | 13°37 | 21°37 | 10°26 | 2° 4 | 19°21 | 29° 6 | 9°13 | 7°54 | 13°48 | 0° 3 | S 5 |
| M 6 | 20 58 57 | 13°57'27 | 21°58 | 24°31 | 2°46 | 14°15 | 21°33 | 10°23 | 2° 3 | 19°23 | 29° 7 | 9°15 | 7°51 | 13°55 | 0° 0 | M 6 |
| T 7 | 21 2 53 | 14°54'51 | 4♋19 | 25°43 | 4° 0 | 14°52 | 21°28 | 10°20 | 2° 3 | 19°25 | 29° 8 | 9°R16 | 7°48 | 14° 2 | 29♒57 | T 7 |
| W 8 | 21 6 50 | 15°52'17 | 16°57 | 27° 1 | 5°14 | 15°29 | 21°23 | 10°17 | 2° 3 | 19°27 | 29° 9 | 9°16 | 7°45 | 14° 8 | 29°54 | W 8 |
| T 9 | 21 10 46 | 16°49'44 | 29°54 | 28°23 | 6°27 | 16° 7 | 21°18 | 10°13 | 2° 3 | 19°29 | 29°10 | 9°14 | 7°42 | 14°15 | 29°51 | T 9 |
| F 10 | 21 14 43 | 17°47'11 | 13♌12 | 29°50 | 7°41 | 16°45 | 21°12 | 10°10 | 2°D 3 | 19°31 | 29°11 | 9°11 | 7°38 | 14°22 | 29°48 | F 10 |
| S 11 | 21 18 40 | 18°44'40 | 26°48 | 1♌21 | 8°55 | 17°22 | 21° 7 | 10° 7 | 2° 3 | 19°33 | 29°12 | 9° 5 | 7°35 | 14°28 | 29°45 | S 11 |
| S 12 | 21 22 36 | 19°42'09 | 10♍41 | 2°57 | 10° 9 | 18° 0 | 21° 2 | 10° 4 | 2° 3 | 19°35 | 29°13 | 8°59 | 7°32 | 14°35 | 29°42 | S 12 |
| M13 | 21 26 33 | 20°39'39 | 24°47 | 4°38 | 11°23 | 18°37 | 20°56 | 10° 2 | 2° 3 | 19°37 | 29°14 | 8°53 | 7°29 | 14°42 | 29°38 | M13 |
| T 14 | 21 30 29 | 21°37'10 | 9♎ 1 | 6°21 | 12°36 | 19°15 | 20°50 | 9°59 | 2° 3 | 19°39 | 29°15 | 8°47 | 7°26 | 14°48 | 29°35 | T 14 |
| W15 | 21 34 26 | 22°34'42 | 23°19 | 8° 9 | 13°50 | 19°53 | 20°44 | 9°56 | 2° 3 | 19°41 | 29°16 | 8°42 | 7°22 | 14°55 | 29°32 | W15 |
| T 16 | 21 38 22 | 23°32'14 | 7♏36 | 9°59 | 15° 4 | 20°30 | 20°38 | 9°54 | 2° 4 | 19°43 | 29°16 | 8°39 | 7°19 | 15° 2 | 29°29 | T 16 |
| F 17 | 21 42 19 | 24°29'48 | 21°49 | 11°52 | 16°18 | 21° 8 | 20°32 | 9°51 | 2° 4 | 19°45 | 29°17 | 8°D38 | 7°16 | 15° 9 | 29°26 | F 17 |
| S 18 | 21 46 15 | 25°27'22 | 5♐57 | 13°48 | 17°32 | 21°46 | 20°25 | 9°49 | 2° 4 | 19°47 | 29°18 | 8°39 | 7°13 | 15°15 | 29°23 | S 18 |
| S 19 | 21 50 12 | 26°24'57 | 19°58 | 15°45 | 18°46 | 22°24 | 20°19 | 9°46 | 2° 5 | 19°48 | 29°19 | 8°40 | 7°10 | 15°22 | 29°19 | S 19 |
| M20 | 21 54 9 | 27°22'33 | 3♑51 | 17°44 | 20° 0 | 23° 2 | 20°12 | 9°44 | 2° 5 | 19°50 | 29°20 | 8°R40 | 7° 7 | 15°29 | 29°16 | M20 |
| T 21 | 21 58 5 | 28°20'10 | 17°35 | 19°45 | 21°14 | 23°39 | 20° 5 | 9°42 | 2° 6 | 19°52 | 29°21 | 8°40 | 7° 3 | 15°35 | 29°13 | T 21 |
| W22 | 22 2 2 | 29°17'48 | 1♒ 9 | 21°46 | 22°28 | 24°17 | 19°58 | 9°40 | 2° 6 | 19°54 | 29°22 | 8°38 | 7° 0 | 15°42 | 29°10 | W22 |
| T 23 | 22 5 58 | 0♍15'26 | 14°32 | 23°47 | 23°42 | 24°55 | 19°51 | 9°38 | 2° 7 | 19°56 | 29°22 | 8°34 | 6°57 | 15°49 | 29° 7 | T 23 |
| F 24 | 22 9 55 | 1°13'06 | 27°43 | 25°49 | 24°56 | 25°33 | 19°44 | 9°36 | 2° 8 | 19°58 | 29°23 | 8°27 | 6°54 | 15°55 | 29° 4 | F 24 |
| S 25 | 22 13 51 | 2°10'48 | 10♓41 | 27°51 | 26°10 | 26°11 | 19°37 | 9°34 | 2° 9 | 19°59 | 29°24 | 8°18 | 6°51 | 16° 2 | 29° 0 | S 25 |
| S 26 | 22 17 48 | 3° 8'30 | 23°24 | 29°52 | 27°25 | 26°49 | 19°30 | 9°32 | 2° 9 | 20° 1 | 29°25 | 8° 9 | 6°48 | 16° 9 | 28°57 | S 26 |
| M27 | 22 21 44 | 4° 6'14 | 5♈52 | 1♍54 | 28°39 | 27°27 | 19°23 | 9°31 | 2°10 | 20° 3 | 29°25 | 7°59 | 6°44 | 16°15 | 28°54 | M27 |
| T 28 | 22 25 41 | 5° 4'00 | 18° 7 | 3°54 | 29°53 | 28° 6 | 19°15 | 9°29 | 2°11 | 20° 5 | 29°26 | 7°50 | 6°41 | 16°22 | 28°51 | T 28 |
| W29 | 22 29 38 | 6° 1'47 | 0♉11 | 5°53 | 1♍ 7 | 28°44 | 19° 8 | 9°28 | 2°12 | 20° 6 | 29°27 | 7°42 | 6°38 | 16°29 | 28°48 | W29 |
| T 30 | 22 33 34 | 6°59'36 | 12° 6 | 7°52 | 2°21 | 29°22 | 19° 0 | 9°26 | 2°13 | 20° 8 | 29°27 | 7°37 | 6°35 | 16°36 | 28°45 | T 30 |
| F 31 | 22 37 31 | 7♍57'26 | 23♉56 | 9♍50 | 3♍36 | 0♎ 0 | 18♓53 | 9♑25 | 2♐14 | 20♋10 | 29♊28 | 7♑34 | 6♑32 | 16♉42 | 28♒41 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n55 | 13n20 | 5n 5 | 19n19 | 2s38 | 21n14 | 0n28 | 8n18 | 1n 0 | 4s25 | 1s19 | 22s19 | 0n39 | 20s23 | 0n 9 | 21n15 | 0s47 | 15n25 | 7s58 | 23s 4 | 23s 8 | 19n49 | 5s 5 | 6n42 |
| T 2 | 17 40 | 17 19 | 4 44 | 19 27 | 2 23 | 21 2 | 0 30 | 8 4 | 1 0 | 4 26 | 1 19 | 22 19 | 0 39 | 20 23 | 0 9 | 21 14 | 0 47 | 15 25 | 7 58 | 23 4 | 23 9 | 19 51 | 5 6 | 6 42 |
| F 3 | 17 24 | 20 36 | 4 11 | 19 35 | 2 8 | 20 49 | 0 32 | 7 49 | 0 59 | 4 28 | 1 19 | 22 20 | 0 39 | 20 23 | 0 9 | 21 14 | 0 47 | 15 25 | 7 58 | 23 4 | 23 9 | 19 52 | 5 6 | 6 42 |
| S 4 | 17 9 | 23 0 | 3 27 | 19 41 | 1 52 | 20 36 | 0 35 | 7 34 | 0 59 | 4 30 | 1 19 | 22 20 | 0 38 | 20 23 | 0 9 | 21 14 | 0 47 | 15 25 | 7 58 | 23 4 | 23 9 | 19 54 | 5 7 | 6 42 |
| S 5 | 16 53 | 24 25 | 2 34 | 19 46 | 1 37 | 20 22 | 0 37 | 7 19 | 0 58 | 4 32 | 1 20 | 22 20 | 0 38 | 20 23 | 0 9 | 21 13 | 0 47 | 15 25 | 7 58 | 23 4 | 23 9 | 19 56 | 5 8 | 6 43 |
| M 6 | 16 36 | 24 42 | 1 33 | 19 50 | 1 22 | 20 8 | 0 39 | 7 5 | 0 58 | 4 34 | 1 20 | 22 21 | 0 38 | 20 23 | 0 9 | 21 13 | 0 47 | 15 25 | 7 58 | 23 4 | 23 9 | 19 57 | 5 9 | 6 43 |
| T 7 | 16 20 | 23 46 | 0 27 | 19 51 | 1 7 | 19 53 | 0 41 | 6 50 | 0 57 | 4 36 | 1 20 | 22 21 | 0 38 | 20 23 | 0 9 | 21 13 | 0 47 | 15 25 | 7 59 | 23 4 | 23 10 | 19 59 | 5 10 | 6 43 |
| W 8 | 16 3 | 21 37 | 0s42 | 19 51 | 0 52 | 19 37 | 0 43 | 6 35 | 0 57 | 4 39 | 1 20 | 22 22 | 0 38 | 20 23 | 0 9 | 21 12 | 0 47 | 15 24 | 7 59 | 23 4 | 23 10 | 20 0 | 5 11 | 6 43 |
| T 9 | 15 46 | 18 20 | 1 50 | 19 50 | 0 38 | 19 21 | 0 45 | 6 20 | 0 56 | 4 41 | 1 21 | 22 22 | 0 38 | 20 23 | 0 9 | 21 12 | 0 47 | 15 24 | 7 59 | 23 4 | 23 10 | 20 2 | 5 12 | 6 43 |
| F 10 | 15 28 | 14 2 | 2 54 | 19 45 | 0 24 | 19 4 | 0 47 | 6 5 | 0 56 | 4 43 | 1 21 | 22 22 | 0 38 | 20 23 | 0 9 | 21 12 | 0 47 | 15 24 | 7 59 | 23 4 | 23 10 | 20 3 | 5 13 | 6 43 |
| S 11 | 15 10 | 8 57 | 3 49 | 19 39 | 0 10 | 18 47 | 0 49 | 5 50 | 0 55 | 4 45 | 1 21 | 22 23 | 0 38 | 20 23 | 0 9 | 21 12 | 0 47 | 15 24 | 7 59 | 23 5 | 23 10 | 20 5 | 5 14 | 6 43 |
| S 12 | 14 53 | 3 20 | 4 32 | 19 30 | 0n 3 | 18 29 | 0 51 | 5 35 | 0 55 | 4 48 | 1 21 | 22 23 | 0 37 | 20 23 | 0 9 | 21 11 | 0 47 | 15 24 | 7 59 | 23 5 | 23 10 | 20 6 | 5 15 | 6 43 |
| M13 | 14 34 | 2s31 | 5 0 | 19 19 | 0 16 | 18 11 | 0 53 | 5 20 | 0 54 | 4 50 | 1 22 | 22 23 | 0 37 | 20 23 | 0 9 | 21 11 | 0 47 | 15 24 | 7 59 | 23 5 | 23 11 | 20 8 | 5 16 | 6 43 |
| T 14 | 14 16 | 8 18 | 5 9 | 19 5 | 0 27 | 17 52 | 0 55 | 5 4 | 0 54 | 4 53 | 1 22 | 22 24 | 0 37 | 20 23 | 0 9 | 21 11 | 0 47 | 15 24 | 7 59 | 23 6 | 23 11 | 20 9 | 5 17 | 6 43 |
| W15 | 13 57 | 13 40 | 4 59 | 18 48 | 0 38 | 17 32 | 0 57 | 4 49 | 0 53 | 4 55 | 1 22 | 22 24 | 0 37 | 20 23 | 0 9 | 21 10 | 0 47 | 15 24 | 7 59 | 23 6 | 23 11 | 20 11 | 5 19 | 6 43 |
| T 16 | 13 39 | 18 17 | 4 31 | 18 29 | 0 49 | 17 13 | 0 58 | 4 34 | 0 53 | 4 58 | 1 22 | 22 24 | 0 37 | 20 23 | 0 9 | 21 10 | 0 47 | 15 24 | 7 59 | 23 6 | 23 11 | 20 12 | 5 20 | 6 43 |
| F 17 | 13 20 | 21 49 | 3 46 | 18 7 | 0 58 | 16 52 | 1 0 | 4 19 | 0 52 | 5 1 | 1 22 | 22 25 | 0 37 | 20 23 | 0 9 | 21 10 | 0 47 | 15 24 | 7 59 | 23 6 | 23 11 | 20 14 | 5 21 | 6 43 |
| S 18 | 13 0 | 24 0 | 2 47 | 17 43 | 1 7 | 16 31 | 1 2 | 4 3 | 0 52 | 5 3 | 1 23 | 22 25 | 0 37 | 20 23 | 0 9 | 21 10 | 0 47 | 15 24 | 8 0 | 23 6 | 23 11 | 20 15 | 5 22 | 6 43 |
| S 19 | 12 41 | 24 39 | 1 39 | 17 16 | 1 14 | 16 10 | 1 3 | 3 48 | 0 51 | 5 6 | 1 23 | 22 25 | 0 37 | 20 23 | 0 9 | 21 9 | 0 47 | 15 24 | 8 0 | 23 6 | 23 12 | 20 17 | 5 23 | 6 43 |
| M20 | 12 21 | 23 46 | 0 26 | 16 46 | 1 21 | 15 49 | 1 5 | 3 33 | 0 51 | 5 9 | 1 23 | 22 26 | 0 36 | 20 23 | 0 9 | 21 9 | 0 47 | 15 23 | 8 0 | 23 6 | 23 12 | 20 18 | 5 24 | 6 43 |
| T 21 | 12 2 | 21 27 | 0n48 | 16 15 | 1 27 | 15 26 | 1 6 | 3 17 | 0 50 | 5 12 | 1 23 | 22 26 | 0 36 | 20 23 | 0 9 | 21 9 | 0 47 | 15 23 | 8 0 | 23 6 | 23 12 | 20 19 | 5 25 | 6 43 |
| W22 | 11 42 | 17 56 | 1 58 | 15 41 | 1 32 | 15 4 | 1 8 | 3 2 | 0 50 | 5 14 | 1 23 | 22 26 | 0 36 | 20 24 | 0 9 | 21 9 | 0 47 | 15 23 | 8 0 | 23 6 | 23 12 | 20 21 | 5 26 | 6 43 |
| T 23 | 11 21 | 13 33 | 3 0 | 15 5 | 1 37 | 14 41 | 1 9 | 2 46 | 0 49 | 5 17 | 1 24 | 22 26 | 0 36 | 20 24 | 0 9 | 21 8 | 0 47 | 15 23 | 8 0 | 23 7 | 23 12 | 20 22 | 5 28 | 6 43 |
| F 24 | 11 1 | 8 36 | 3 52 | 14 27 | 1 40 | 14 17 | 1 11 | 2 31 | 0 49 | 5 20 | 1 24 | 22 27 | 0 36 | 20 24 | 0 9 | 21 8 | 0 47 | 15 23 | 8 0 | 23 7 | 23 12 | 20 24 | 5 29 | 6 43 |
| S 25 | 10 41 | 3 22 | 4 31 | 13 48 | 1 43 | 13 54 | 1 12 | 2 15 | 0 49 | 5 23 | 1 24 | 22 27 | 0 36 | 20 24 | 0 9 | 21 8 | 0 47 | 15 23 | 8 0 | 23 8 | 23 13 | 20 25 | 5 30 | 6 42 |
| S 26 | 10 20 | 1n54 | 4 55 | 13 7 | 1 44 | 13 29 | 1 13 | 2 0 | 0 48 | 5 26 | 1 24 | 22 27 | 0 36 | 20 24 | 0 9 | 21 7 | 0 47 | 15 23 | 8 0 | 23 8 | 23 13 | 20 27 | 5 31 | 6 42 |
| M27 | 9 59 | 6 59 | 5 5 | 12 25 | 1 45 | 13 5 | 1 14 | 1 44 | 0 48 | 5 29 | 1 24 | 22 27 | 0 36 | 20 24 | 0 9 | 21 7 | 0 47 | 15 23 | 8 0 | 23 9 | 23 13 | 20 28 | 5 32 | 6 42 |
| T 28 | 9 38 | 11 43 | 5 0 | 11 42 | 1 46 | 12 40 | 1 15 | 1 29 | 0 47 | 5 32 | 1 24 | 22 28 | 0 35 | 20 25 | 0 9 | 21 7 | 0 47 | 15 23 | 8 1 | 23 9 | 23 13 | 20 30 | 5 33 | 6 42 |
| W29 | 9 17 | 15 54 | 4 42 | 10 58 | 1 45 | 12 15 | 1 16 | 1 13 | 0 47 | 5 35 | 1 25 | 22 28 | 0 35 | 20 25 | 0 9 | 21 7 | 0 47 | 15 22 | 8 1 | 23 10 | 23 13 | 20 31 | 5 35 | 6 42 |
| T 30 | 8 56 | 19 26 | 4 12 | 10 13 | 1 44 | 11 49 | 1 17 | 0 57 | 0 46 | 5 38 | 1 25 | 22 28 | 0 35 | 20 25 | 0 9 | 21 6 | 0 47 | 15 22 | 8 1 | 23 10 | 23 13 | 20 32 | 5 36 | 6 42 |
| F 31 | 8n34 | 22n 8 | 3n31 | 9n27 | 1n42 | 11n23 | 1n18 | 0n42 | 0n46 | 5s42 | 1s25 | 22s28 | 0n35 | 20s25 | 0n 9 | 21n 6 | 0s47 | 15n22 | 8s 1 | 23s10 | 23s14 | 20n34 | 5s37 | 6n42 |

Julian Day Number = 2598219.5, Delta T = 08m43s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'16, Lahiri = 29°28'18


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## SEPTEMBER 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 41 27 | 8♍55'18 | 5♊47 | 11♍46 | 4♍50 | 0♎38 | 18°R45 | 9°R24 | 2♐15 | 20♋11 | 29♊28 | 7°D33 | 6♑28 | 16♉49 | 28°R38 | S 1 |
| S 2 | 22 45 24 | 9°53'12 | 17°44 | 13°42 | 6° 4 | 1°17 | 18♓37 | 9♑23 | 2°16 | 20°13 | 29°29 | 7♑33 | 6°25 | 16°56 | 28♒35 | S 2 |
| M 3 | 22 49 20 | 10°51'08 | 29°50 | 15°36 | 7°18 | 1°55 | 18°29 | 9°22 | 2°18 | 20°14 | 29°30 | 7°33 | 6°22 | 17° 2 | 28°32 | M 3 |
| T 4 | 22 53 17 | 11°49'06 | 12♋13 | 17°29 | 8°33 | 2°33 | 18°22 | 9°21 | 2°19 | 20°16 | 29°30 | 7°R34 | 6°19 | 17° 9 | 28°29 | T 4 |
| W 5 | 22 57 13 | 12°47'05 | 24°56 | 19°21 | 9°47 | 3°12 | 18°14 | 9°20 | 2°20 | 20°17 | 29°31 | 7°32 | 6°16 | 17°16 | 28°26 | W 5 |
| T 6 | 23 1 10 | 13°45'06 | 8♌ 2 | 21°11 | 11° 2 | 3°50 | 18° 6 | 9°19 | 2°21 | 20°19 | 29°31 | 7°29 | 6°13 | 17°22 | 28°23 | T 6 |
| F 7 | 23 5 7 | 14°43'09 | 21°34 | 23° 0 | 12°16 | 4°29 | 17°58 | 9°18 | 2°23 | 20°20 | 29°32 | 7°22 | 6° 9 | 17°29 | 28°20 | F 7 |
| S 8 | 23 9 3 | 15°41'13 | 5♍30 | 24°48 | 13°30 | 5° 7 | 17°50 | 9°18 | 2°24 | 20°22 | 29°32 | 7°14 | 6° 6 | 17°36 | 28°17 | S 8 |
| S 9 | 23 13 0 | 16°39'19 | 19°47 | 26°35 | 14°45 | 5°46 | 17°42 | 9°17 | 2°26 | 20°23 | 29°33 | 7° 4 | 6° 3 | 17°42 | 28°14 | S 9 |
| M10 | 23 16 56 | 17°37'27 | 4♎19 | 28°20 | 15°59 | 6°24 | 17°34 | 9°17 | 2°27 | 20°25 | 29°33 | 6°53 | 6° 0 | 17°49 | 28°11 | M10 |
| T 11 | 23 20 53 | 18°35'36 | 19° 0 | 0♎ 4 | 17°14 | 7° 3 | 17°26 | 9°17 | 2°29 | 20°26 | 29°33 | 6°43 | 5°57 | 17°56 | 28° 8 | T 11 |
| W12 | 23 24 49 | 19°33'47 | 3♏41 | 1°47 | 18°28 | 7°42 | 17°18 | 9°17 | 2°31 | 20°27 | 29°34 | 6°35 | 5°53 | 18° 2 | 28° 5 | W12 |
| T 13 | 23 28 46 | 20°31'59 | 18°17 | 3°29 | 19°43 | 8°20 | 17°10 | 9°D17 | 2°32 | 20°29 | 29°34 | 6°29 | 5°50 | 18° 9 | 28° 2 | T 13 |
| F 14 | 23 32 42 | 21°30'13 | 2♐40 | 5°10 | 20°57 | 8°59 | 17° 2 | 9°17 | 2°34 | 20°30 | 29°35 | 6°26 | 5°47 | 18°16 | 27°59 | F 14 |
| S 15 | 23 36 39 | 22°28'28 | 16°50 | 6°49 | 22°12 | 9°38 | 16°55 | 9°17 | 2°36 | 20°31 | 29°35 | 6°25 | 5°44 | 18°23 | 27°57 | S 15 |
| S 16 | 23 40 35 | 23°26'45 | 0♑44 | 8°28 | 23°26 | 10°17 | 16°47 | 9°17 | 2°38 | 20°32 | 29°35 | 6°25 | 5°41 | 18°29 | 27°54 | S 16 |
| M17 | 23 44 32 | 24°25'04 | 14°24 | 10° 5 | 24°41 | 10°55 | 16°39 | 9°17 | 2°39 | 20°34 | 29°35 | 6°25 | 5°38 | 18°36 | 27°51 | M17 |
| T 18 | 23 48 29 | 25°23'23 | 27°49 | 11°41 | 25°55 | 11°34 | 16°31 | 9°18 | 2°41 | 20°35 | 29°36 | 6°23 | 5°34 | 18°43 | 27°48 | T 18 |
| W19 | 23 52 25 | 26°21'44 | 11♒ 2 | 13°16 | 27°10 | 12°13 | 16°23 | 9°18 | 2°43 | 20°36 | 29°36 | 6°19 | 5°31 | 18°49 | 27°46 | W19 |
| T 20 | 23 56 22 | 27°20'07 | 24° 4 | 14°49 | 28°24 | 12°52 | 16°16 | 9°19 | 2°45 | 20°37 | 29°36 | 6°13 | 5°28 | 18°56 | 27°43 | T 20 |
| F 21 | 0 0 18 | 28°18'32 | 6♓54 | 16°22 | 29°39 | 13°31 | 16° 8 | 9°20 | 2°47 | 20°38 | 29°36 | 6° 3 | 5°25 | 19° 3 | 27°41 | F 21 |
| S 22 | 0 4 15 | 29°16'58 | 19°33 | 17°54 | 0♎54 | 14°10 | 16° 1 | 9°21 | 2°49 | 20°39 | 29°37 | 5°51 | 5°22 | 19° 9 | 27°38 | S 22 |
| S 23 | 0 8 11 | 0♎15'26 | 2♈ 1 | 19°24 | 2° 8 | 14°49 | 15°53 | 9°22 | 2°52 | 20°40 | 29°37 | 5°38 | 5°19 | 19°16 | 27°36 | S 23 |
| M24 | 0 12 8 | 1°13'55 | 14°19 | 20°54 | 3°23 | 15°28 | 15°46 | 9°23 | 2°54 | 20°41 | 29°37 | 5°24 | 5°15 | 19°23 | 27°33 | M24 |
| T 25 | 0 16 4 | 2°12'27 | 26°26 | 22°22 | 4°38 | 16° 7 | 15°38 | 9°24 | 2°56 | 20°42 | 29°37 | 5°11 | 5°12 | 19°29 | 27°31 | T 25 |
| W26 | 0 20 1 | 3°11'01 | 8♉25 | 23°49 | 5°52 | 16°47 | 15°31 | 9°25 | 2°58 | 20°43 | 29°37 | 5° 0 | 5° 9 | 19°36 | 27°28 | W26 |
| T 27 | 0 23 58 | 4° 9'37 | 20°17 | 25°16 | 7° 7 | 17°26 | 15°24 | 9°26 | 3° 1 | 20°44 | 29°37 | 4°52 | 5° 6 | 19°43 | 27°26 | T 27 |
| F 28 | 0 27 54 | 5° 8'15 | 2♊ 6 | 26°41 | 8°22 | 18° 5 | 15°17 | 9°28 | 3° 3 | 20°45 | 29°37 | 4°46 | 5° 3 | 19°49 | 27°24 | F 28 |
| S 29 | 0 31 51 | 6° 6'55 | 13°55 | 28° 4 | 9°36 | 18°44 | 15°10 | 9°29 | 3° 5 | 20°46 | 29°R37 | 4°43 | 4°59 | 19°56 | 27°21 | S 29 |
| S 30 | 0 35 47 | 7♎ 5'38 | 25♊49 | 29♎27 | 10♎51 | 19♎24 | 15♓ 3 | 9♑31 | 3♐ 8 | 20♋47 | 29♊37 | 4♑42 | 4♑56 | 20♉ 3 | 27♒19 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n12 | 23n52 | 2n41 | 8n41 | 1n40 | 10n57 | 1n19 | 0n26 | 0n45 | 5s45 | 1s25 | 22s29 | 0n35 | 20s25 | 0n 9 | 21n 6 | 0s47 | 15n22 | 8s 1 | 23s10 | 23s14 | 20n35 | 5s38 | 6n42 |
| S 2 | 7 51 | 24 33 | 1 44 | 7 54 | 1 37 | 10 30 | 1 20 | 0 10 | 0 45 | 5 48 | 1 25 | 22 29 | 0 35 | 20 26 | 0 9 | 21 6 | 0 47 | 15 22 | 8 1 | 23 10 | 23 14 | 20 37 | 5 39 | 6 42 |
| M 3 | 7 29 | 24 4 | 0 41 | 7 7 | 1 34 | 10 4 | 1 21 | 0s 5 | 0 44 | 5 51 | 1 25 | 22 29 | 0 35 | 20 26 | 0 9 | 21 5 | 0 47 | 15 22 | 8 1 | 23 10 | 23 14 | 20 38 | 5 40 | 6 41 |
| T 4 | 7 7 | 22 25 | 0s25 | 6 19 | 1 30 | 9 36 | 1 22 | 0 21 | 0 44 | 5 54 | 1 25 | 22 29 | 0 34 | 20 26 | 0 9 | 21 5 | 0 47 | 15 22 | 8 1 | 23 10 | 23 14 | 20 39 | 5 42 | 6 41 |
| W 5 | 6 45 | 19 36 | 1 31 | 5 32 | 1 26 | 9 9 | 1 22 | 0 37 | 0 43 | 5 57 | 1 25 | 22 29 | 0 34 | 20 27 | 0 9 | 21 5 | 0 47 | 15 22 | 8 2 | 23 10 | 23 14 | 20 41 | 5 43 | 6 41 |
| T 6 | 6 23 | 15 44 | 2 35 | 4 44 | 1 22 | 8 41 | 1 23 | 0 52 | 0 43 | 6 0 | 1 25 | 22 30 | 0 34 | 20 27 | 0 9 | 21 5 | 0 47 | 15 22 | 8 2 | 23 11 | 23 15 | 20 42 | 5 44 | 6 41 |
| F 7 | 6 0 | 10 57 | 3 31 | 3 57 | 1 17 | 8 14 | 1 23 | 1 8 | 0 42 | 6 4 | 1 26 | 22 30 | 0 34 | 20 27 | 0 9 | 21 5 | 0 47 | 15 21 | 8 2 | 23 11 | 23 15 | 20 43 | 5 45 | 6 41 |
| S 8 | 5 38 | 5 29 | 4 17 | 3 9 | 1 12 | 7 46 | 1 24 | 1 24 | 0 41 | 6 7 | 1 26 | 22 30 | 0 34 | 20 27 | 0 9 | 21 4 | 0 47 | 15 21 | 8 2 | 23 11 | 23 15 | 20 45 | 5 46 | 6 40 |
| S 9 | 5 15 | 0s23 | 4 48 | 2 22 | 1 6 | 7 17 | 1 24 | 1 39 | 0 41 | 6 10 | 1 26 | 22 30 | 0 34 | 20 28 | 0 9 | 21 4 | 0 47 | 15 21 | 8 2 | 23 12 | 23 15 | 20 46 | 5 48 | 6 40 |
| M10 | 4 53 | 6 20 | 5 2 | 1 35 | 1 0 | 6 49 | 1 24 | 1 55 | 0 40 | 6 13 | 1 26 | 22 30 | 0 34 | 20 28 | 0 9 | 21 4 | 0 47 | 15 21 | 8 2 | 23 13 | 23 15 | 20 47 | 5 49 | 6 40 |
| T 11 | 4 30 | 11 58 | 4 55 | 0 48 | 0 54 | 6 20 | 1 25 | 2 11 | 0 40 | 6 16 | 1 26 | 22 30 | 0 34 | 20 28 | 0 9 | 21 4 | 0 47 | 15 21 | 8 2 | 23 13 | 23 15 | 20 49 | 5 50 | 6 40 |
| W12 | 4 7 | 16 56 | 4 29 | 0 1 | 0 48 | 5 51 | 1 25 | 2 26 | 0 39 | 6 19 | 1 26 | 22 30 | 0 33 | 20 29 | 0 9 | 21 3 | 0 47 | 15 21 | 8 2 | 23 13 | 23 15 | 20 50 | 5 51 | 6 40 |
| T 13 | 3 45 | 20 51 | 3 46 | 0s45 | 0 41 | 5 22 | 1 25 | 2 42 | 0 39 | 6 23 | 1 26 | 22 31 | 0 33 | 20 29 | 0 8 | 21 3 | 0 47 | 15 21 | 8 3 | 23 14 | 23 16 | 20 51 | 5 52 | 6 39 |
| F 14 | 3 22 | 23 24 | 2 49 | 1 31 | 0 34 | 4 53 | 1 25 | 2 58 | 0 38 | 6 26 | 1 26 | 22 31 | 0 33 | 20 29 | 0 8 | 21 3 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 53 | 5 54 | 6 39 |
| S 15 | 2 59 | 24 26 | 1 42 | 2 17 | 0 28 | 4 23 | 1 25 | 3 14 | 0 38 | 6 29 | 1 26 | 22 31 | 0 33 | 20 30 | 0 8 | 21 3 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 54 | 5 55 | 6 39 |
| S 16 | 2 36 | 23 53 | 0 30 | 3 2 | 0 20 | 3 54 | 1 25 | 3 29 | 0 37 | 6 32 | 1 26 | 22 31 | 0 33 | 20 30 | 0 8 | 21 3 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 55 | 5 56 | 6 39 |
| M17 | 2 13 | 21 55 | 0n42 | 3 47 | 0 13 | 3 24 | 1 25 | 3 45 | 0 37 | 6 35 | 1 26 | 22 31 | 0 33 | 20 31 | 0 8 | 21 2 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 57 | 5 57 | 6 38 |
| T 18 | 1 50 | 18 45 | 1 51 | 4 31 | 0 6 | 2 55 | 1 24 | 4 0 | 0 36 | 6 38 | 1 26 | 22 31 | 0 33 | 20 31 | 0 8 | 21 2 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 58 | 5 58 | 6 38 |
| W19 | 1 27 | 14 40 | 2 52 | 5 15 | 0s 2 | 2 25 | 1 24 | 4 16 | 0 36 | 6 41 | 1 26 | 22 31 | 0 32 | 20 31 | 0 8 | 21 2 | 0 47 | 15 20 | 8 3 | 23 14 | 23 16 | 20 59 | 5 59 | 6 38 |
| T 20 | 1 3 | 9 57 | 3 43 | 5 58 | 0 9 | 1 55 | 1 24 | 4 32 | 0 35 | 6 44 | 1 26 | 22 31 | 0 32 | 20 32 | 0 8 | 21 2 | 0 47 | 15 20 | 8 4 | 23 15 | 23 16 | 21 0 | 6 1 | 6 37 |
| F 21 | 0 40 | 4 54 | 4 23 | 6 41 | 0 17 | 1 25 | 1 23 | 4 47 | 0 35 | 6 47 | 1 26 | 22 31 | 0 32 | 20 32 | 0 8 | 21 2 | 0 47 | 15 20 | 8 4 | 23 15 | 23 17 | 21 2 | 6 2 | 6 37 |
| S 22 | 0 17 | 0n17 | 4 48 | 7 23 | 0 24 | 0 55 | 1 23 | 5 3 | 0 34 | 6 50 | 1 26 | 22 32 | 0 32 | 20 33 | 0 8 | 21 2 | 0 47 | 15 19 | 8 4 | 23 15 | 23 17 | 21 3 | 6 3 | 6 37 |
| S 23 | 0s 6 | 5 23 | 4 59 | 8 4 | 0 32 | 0 25 | 1 22 | 5 18 | 0 34 | 6 53 | 1 26 | 22 32 | 0 32 | 20 33 | 0 8 | 21 1 | 0 47 | 15 19 | 8 4 | 23 16 | 23 17 | 21 4 | 6 4 | 6 37 |
| M24 | 0 29 | 10 11 | 4 56 | 8 45 | 0 40 | 0s 5 | 1 22 | 5 34 | 0 33 | 6 55 | 1 26 | 22 32 | 0 32 | 20 33 | 0 8 | 21 1 | 0 47 | 15 19 | 8 4 | 23 17 | 23 17 | 21 6 | 6 5 | 6 36 |
| T 25 | 0 53 | 14 31 | 4 40 | 9 25 | 0 47 | 0 35 | 1 21 | 5 49 | 0 33 | 6 58 | 1 26 | 22 32 | 0 32 | 20 34 | 0 8 | 21 1 | 0 47 | 15 19 | 8 4 | 23 17 | 23 17 | 21 7 | 6 6 | 6 36 |
| W26 | 1 16 | 18 14 | 4 11 | 10 5 | 0 55 | 1 6 | 1 21 | 6 5 | 0 32 | 7 1 | 1 26 | 22 32 | 0 32 | 20 34 | 0 8 | 21 1 | 0 47 | 15 19 | 8 4 | 23 18 | 23 17 | 21 8 | 6 7 | 6 36 |
| T 27 | 1 39 | 21 11 | 3 32 | 10 44 | 1 3 | 1 36 | 1 20 | 6 20 | 0 32 | 7 4 | 1 26 | 22 32 | 0 31 | 20 35 | 0 8 | 21 1 | 0 47 | 15 19 | 8 4 | 23 18 | 23 17 | 21 9 | 6 8 | 6 35 |
| F 28 | 2 2 | 23 12 | 2 43 | 11 22 | 1 11 | 2 6 | 1 19 | 6 36 | 0 31 | 7 6 | 1 26 | 22 32 | 0 31 | 20 35 | 0 8 | 21 1 | 0 47 | 15 19 | 8 5 | 23 18 | 23 17 | 21 11 | 6 9 | 6 35 |
| S 29 | 2 25 | 24 12 | 1 48 | 11 59 | 1 18 | 2 36 | 1 18 | 6 51 | 0 31 | 7 9 | 1 26 | 22 32 | 0 31 | 20 36 | 0 8 | 21 0 | 0 47 | 15 19 | 8 5 | 23 18 | 23 18 | 21 12 | 6 11 | 6 35 |
| S 30 | 2s49 | 24n 6 | 0n47 | 12s36 | 1s26 | 3s 6 | 1n17 | 7s 7 | 0n30 | 7s12 | 1s26 | 22s32 | 0n31 | 20s36 | 0n 8 | 21n 0 | 0s47 | 15n18 | 8s 5 | 23s18 | 23s18 | 21n13 | 6s12 | 6n34 |

Julian Day Number = 2598250.5, Delta T = 08m44s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'20, Lahiri = 29°28'22


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## OCTOBER 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 39 44 | 8♎ 4'22 | 7♋53 | 0♏49 | 12♎ 6 | 20♎ 3 | 14°R57 | 9♑32 | 3♐10 | 20♋47 | 29°R37 | 4°R42 | 4♑53 | 20♉ 9 | 27°R17 | M 1 |
| T 2 | 0 43 40 | 9° 3'09 | 20°13 | 2° 9 | 13°20 | 20°42 | 14♓50 | 9°34 | 3°13 | 20°48 | 29♊37 | 4♑42 | 4°50 | 20°16 | 27♒15 | T 2 |
| W 3 | 0 47 37 | 10° 1'58 | 2♌54 | 3°28 | 14°35 | 21°22 | 14°43 | 9°36 | 3°15 | 20°49 | 29°37 | 4°40 | 4°47 | 20°23 | 27°13 | W 3 |
| T 4 | 0 51 33 | 11° 0'49 | 16° 1 | 4°46 | 15°50 | 22° 1 | 14°37 | 9°38 | 3°18 | 20°49 | 29°37 | 4°37 | 4°44 | 20°30 | 27°11 | T 4 |
| F 5 | 0 55 30 | 11°59'43 | 29°36 | 6° 2 | 17° 5 | 22°41 | 14°31 | 9°40 | 3°21 | 20°50 | 29°37 | 4°30 | 4°40 | 20°36 | 27° 9 | F 5 |
| S 6 | 0 59 27 | 12°58'38 | 13♍39 | 7°17 | 18°19 | 23°21 | 14°25 | 9°42 | 3°23 | 20°51 | 29°37 | 4°22 | 4°37 | 20°43 | 27° 7 | S 6 |
| S 7 | 1 3 23 | 13°57'36 | 28°10 | 8°30 | 19°34 | 24° 0 | 14°19 | 9°45 | 3°26 | 20°51 | 29°36 | 4°11 | 4°34 | 20°50 | 27° 5 | S 7 |
| M 8 | 1 7 20 | 14°56'36 | 13♎ 0 | 9°41 | 20°49 | 24°40 | 14°13 | 9°47 | 3°29 | 20°52 | 29°36 | 4° 0 | 4°31 | 20°56 | 27° 3 | M 8 |
| T 9 | 1 11 16 | 15°55'38 | 28° 3 | 10°51 | 22° 4 | 25°20 | 14° 7 | 9°49 | 3°31 | 20°52 | 29°36 | 3°49 | 4°28 | 21° 3 | 27° 2 | T 9 |
| W10 | 1 15 13 | 16°54'42 | 13♏ 7 | 11°59 | 23°19 | 25°59 | 14° 2 | 9°52 | 3°34 | 20°53 | 29°36 | 3°40 | 4°24 | 21°10 | 27° 0 | W10 |
| T 11 | 1 19 9 | 17°53'48 | 28° 4 | 13° 5 | 24°33 | 26°39 | 13°57 | 9°55 | 3°37 | 20°53 | 29°36 | 3°33 | 4°21 | 21°16 | 26°58 | T 11 |
| F 12 | 1 23 6 | 18°52'55 | 12♐46 | 14° 9 | 25°48 | 27°19 | 13°51 | 9°57 | 3°40 | 20°54 | 29°35 | 3°29 | 4°18 | 21°23 | 26°57 | F 12 |
| S 13 | 1 27 2 | 19°52'05 | 27° 7 | 15°10 | 27° 3 | 27°59 | 13°46 | 10° 0 | 3°43 | 20°54 | 29°35 | 3°28 | 4°15 | 21°30 | 26°55 | S 13 |
| S 14 | 1 30 59 | 20°51'16 | 11♑ 7 | 16° 9 | 28°18 | 28°39 | 13°42 | 10° 3 | 3°46 | 20°55 | 29°35 | 3°D28 | 4°12 | 21°36 | 26°54 | S 14 |
| M15 | 1 34 56 | 21°50'29 | 24°45 | 17° 5 | 29°33 | 29°19 | 13°37 | 10° 6 | 3°49 | 20°55 | 29°34 | 3°R28 | 4° 9 | 21°43 | 26°52 | M15 |
| T 16 | 1 38 52 | 22°49'43 | 8♒ 3 | 17°58 | 0♏48 | 29°59 | 13°32 | 10° 9 | 3°52 | 20°55 | 29°34 | 3°27 | 4° 5 | 21°50 | 26°51 | T 16 |
| W17 | 1 42 49 | 23°48'59 | 21° 4 | 18°48 | 2° 2 | 0♏39 | 13°28 | 10°12 | 3°55 | 20°55 | 29°34 | 3°24 | 4° 2 | 21°56 | 26°50 | W17 |
| T 18 | 1 46 45 | 24°48'17 | 3♓51 | 19°34 | 3°17 | 1°19 | 13°24 | 10°15 | 3°58 | 20°56 | 29°33 | 3°18 | 3°59 | 22° 3 | 26°49 | T 18 |
| F 19 | 1 50 42 | 25°47'37 | 16°24 | 20°16 | 4°32 | 1°59 | 13°20 | 10°19 | 4° 1 | 20°56 | 29°33 | 3°10 | 3°56 | 22°10 | 26°48 | F 19 |
| S 20 | 1 54 38 | 26°46'58 | 28°48 | 20°54 | 5°47 | 2°39 | 13°16 | 10°22 | 4° 4 | 20°56 | 29°32 | 3° 0 | 3°53 | 22°16 | 26°46 | S 20 |
| S 21 | 1 58 35 | 27°46'22 | 11♈ 2 | 21°26 | 7° 2 | 3°19 | 13°12 | 10°26 | 4° 7 | 20°56 | 29°32 | 2°47 | 3°50 | 22°23 | 26°45 | S 21 |
| M22 | 2 2 31 | 28°45'47 | 23° 8 | 21°54 | 8°17 | 4° 0 | 13° 9 | 10°29 | 4°10 | 20°56 | 29°32 | 2°35 | 3°46 | 22°30 | 26°44 | M22 |
| T 23 | 2 6 28 | 29°45'14 | 5♉ 7 | 22°16 | 9°31 | 4°40 | 13° 6 | 10°33 | 4°14 | 20°56 | 29°31 | 2°23 | 3°43 | 22°36 | 26°44 | T 23 |
| W24 | 2 10 24 | 0♏44'44 | 17° 0 | 22°31 | 10°46 | 5°20 | 13° 3 | 10°37 | 4°17 | 20°R56 | 29°31 | 2°14 | 3°40 | 22°43 | 26°43 | W24 |
| T 25 | 2 14 21 | 1°44'15 | 28°50 | 22°40 | 12° 1 | 6° 1 | 13° 0 | 10°41 | 4°20 | 20°56 | 29°30 | 2° 6 | 3°37 | 22°50 | 26°42 | T 25 |
| F 26 | 2 18 18 | 2°43'49 | 10♊38 | 22°R41 | 13°16 | 6°41 | 12°57 | 10°44 | 4°23 | 20°56 | 29°29 | 2° 1 | 3°34 | 22°57 | 26°41 | F 26 |
| S 27 | 2 22 14 | 3°43'25 | 22°27 | 22°34 | 14°31 | 7°22 | 12°55 | 10°48 | 4°27 | 20°56 | 29°29 | 1°58 | 3°30 | 23° 3 | 26°41 | S 27 |
| S 28 | 2 26 11 | 4°43'03 | 4♋21 | 22°20 | 15°46 | 8° 2 | 12°53 | 10°52 | 4°30 | 20°56 | 29°28 | 1°D58 | 3°27 | 23°10 | 26°40 | S 28 |
| M29 | 2 30 7 | 5°42'43 | 16°24 | 21°56 | 17° 1 | 8°43 | 12°50 | 10°57 | 4°33 | 20°56 | 29°28 | 1°59 | 3°24 | 23°17 | 26°40 | M29 |
| T 30 | 2 34 4 | 6°42'26 | 28°42 | 21°23 | 18°15 | 9°23 | 12°49 | 11° 1 | 4°37 | 20°56 | 29°27 | 2° 0 | 3°21 | 23°23 | 26°39 | T 30 |
| W31 | 2 38 0 | 7♏42'10 | 11♌19 | 20♏42 | 19♏30 | 10♏ 4 | 12♓47 | 11♑ 5 | 4♐40 | 20♋55 | 29♊26 | 2°R 0 | 3♑18 | 23♉30 | 26♒39 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s12 | 22n52 | 0s17 | 13s11 | 1s33 | 3s36 | 1n16 | 7s22 | 0n30 | 7s14 | 1s26 | 22s32 | 0n31 | 20s37 | 0n 8 | 21n 0 | 0s47 | 15n18 | 8s 5 | 23s18 | 23s18 | 21n14 | 6s13 | 6n34 |
| T 2 | 3 35 | 20 32 | 1 21 | 13 46 | 1 41 | 4 6 | 1 15 | 7 37 | 0 29 | 7 17 | 1 26 | 22 32 | 0 31 | 20 37 | 0 8 | 21 0 | 0 47 | 15 18 | 8 5 | 23 18 | 23 18 | 21 15 | 6 14 | 6 34 |
| W 3 | 3 58 | 17 8 | 2 23 | 14 20 | 1 48 | 4 36 | 1 14 | 7 52 | 0 29 | 7 19 | 1 26 | 22 32 | 0 31 | 20 38 | 0 8 | 21 0 | 0 47 | 15 18 | 8 5 | 23 18 | 23 18 | 21 17 | 6 15 | 6 33 |
| T 4 | 4 21 | 12 49 | 3 20 | 14 53 | 1 55 | 5 6 | 1 13 | 8 8 | 0 28 | 7 21 | 1 25 | 22 32 | 0 31 | 20 38 | 0 8 | 21 0 | 0 47 | 15 18 | 8 5 | 23 18 | 23 18 | 21 18 | 6 16 | 6 33 |
| F 5 | 4 44 | 7 43 | 4 7 | 15 26 | 2 2 | 5 36 | 1 11 | 8 23 | 0 27 | 7 24 | 1 25 | 22 32 | 0 30 | 20 39 | 0 8 | 21 0 | 0 47 | 15 18 | 8 6 | 23 19 | 23 18 | 21 19 | 6 17 | 6 32 |
| S 6 | 5 7 | 2 4 | 4 42 | 15 57 | 2 9 | 6 5 | 1 10 | 8 38 | 0 27 | 7 26 | 1 25 | 22 32 | 0 30 | 20 39 | 0 8 | 21 0 | 0 47 | 15 18 | 8 6 | 23 19 | 23 18 | 21 20 | 6 18 | 6 32 |
| S 7 | 5 30 | 3s51 | 4 59 | 16 27 | 2 16 | 6 35 | 1 9 | 8 53 | 0 26 | 7 28 | 1 25 | 22 32 | 0 30 | 20 40 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 19 | 23 19 | 21 21 | 6 19 | 6 32 |
| M 8 | 5 53 | 9 41 | 4 57 | 16 56 | 2 23 | 7 4 | 1 7 | 9 8 | 0 26 | 7 30 | 1 25 | 22 32 | 0 30 | 20 40 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 20 | 23 19 | 21 23 | 6 20 | 6 31 |
| T 9 | 6 15 | 15 2 | 4 35 | 17 25 | 2 29 | 7 33 | 1 6 | 9 23 | 0 25 | 7 32 | 1 25 | 22 32 | 0 30 | 20 41 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 20 | 23 19 | 21 24 | 6 21 | 6 31 |
| W10 | 6 38 | 19 27 | 3 53 | 17 52 | 2 35 | 8 3 | 1 4 | 9 38 | 0 25 | 7 34 | 1 25 | 22 32 | 0 30 | 20 41 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 20 | 23 19 | 21 25 | 6 22 | 6 30 |
| T 11 | 7 0 | 22 33 | 2 56 | 18 17 | 2 41 | 8 31 | 1 3 | 9 53 | 0 24 | 7 36 | 1 25 | 22 32 | 0 30 | 20 42 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 20 | 23 19 | 21 26 | 6 23 | 6 30 |
| F 12 | 7 23 | 24 3 | 1 47 | 18 42 | 2 47 | 9 0 | 1 1 | 10 8 | 0 24 | 7 38 | 1 25 | 22 31 | 0 30 | 20 42 | 0 8 | 20 59 | 0 48 | 15 17 | 8 6 | 23 20 | 23 19 | 21 27 | 6 23 | 6 30 |
| S 13 | 7 45 | 23 55 | 0 34 | 19 5 | 2 52 | 9 29 | 0 59 | 10 22 | 0 23 | 7 40 | 1 24 | 22 31 | 0 29 | 20 43 | 0 8 | 20 59 | 0 48 | 15 17 | 8 7 | 23 21 | 23 19 | 21 28 | 6 24 | 6 29 |
| S 14 | 8 7 | 22 15 | 0n41 | 19 27 | 2 57 | 9 57 | 0 58 | 10 37 | 0 23 | 7 42 | 1 24 | 22 31 | 0 29 | 20 44 | 0 8 | 20 59 | 0 48 | 15 17 | 8 7 | 23 21 | 23 19 | 21 29 | 6 25 | 6 29 |
| M15 | 8 30 | 19 19 | 1 51 | 19 48 | 3 1 | 10 25 | 0 56 | 10 52 | 0 22 | 7 44 | 1 24 | 22 31 | 0 29 | 20 44 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 19 | 21 31 | 6 26 | 6 28 |
| T 16 | 8 52 | 15 26 | 2 53 | 20 7 | 3 5 | 10 53 | 0 54 | 11 6 | 0 21 | 7 45 | 1 24 | 22 31 | 0 29 | 20 45 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 19 | 21 32 | 6 27 | 6 28 |
| W17 | 9 13 | 10 54 | 3 44 | 20 24 | 3 9 | 11 20 | 0 52 | 11 21 | 0 21 | 7 47 | 1 24 | 22 31 | 0 29 | 20 45 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 20 | 21 33 | 6 28 | 6 28 |
| T 18 | 9 35 | 5 58 | 4 24 | 20 39 | 3 12 | 11 48 | 0 50 | 11 35 | 0 20 | 7 48 | 1 24 | 22 31 | 0 29 | 20 46 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 20 | 21 34 | 6 29 | 6 27 |
| F 19 | 9 57 | 0 54 | 4 50 | 20 53 | 3 14 | 12 15 | 0 48 | 11 50 | 0 20 | 7 49 | 1 24 | 22 31 | 0 29 | 20 46 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 20 | 21 35 | 6 29 | 6 27 |
| S 20 | 10 18 | 4n 8 | 5 2 | 21 5 | 3 15 | 12 41 | 0 46 | 12 4 | 0 19 | 7 51 | 1 23 | 22 30 | 0 29 | 20 47 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 20 | 21 36 | 6 30 | 6 26 |
| S 21 | 10 40 | 8 57 | 4 59 | 21 14 | 3 16 | 13 8 | 0 44 | 12 18 | 0 19 | 7 52 | 1 23 | 22 30 | 0 28 | 20 48 | 0 8 | 20 59 | 0 48 | 15 16 | 8 7 | 23 21 | 23 20 | 21 37 | 6 31 | 6 26 |
| M22 | 11 1 | 13 21 | 4 44 | 21 22 | 3 16 | 13 34 | 0 42 | 12 32 | 0 18 | 7 53 | 1 23 | 22 30 | 0 28 | 20 48 | 0 8 | 20 58 | 0 48 | 15 16 | 8 8 | 23 22 | 23 20 | 21 38 | 6 32 | 6 25 |
| T 23 | 11 22 | 17 12 | 4 15 | 21 26 | 3 15 | 14 0 | 0 40 | 12 46 | 0 18 | 7 54 | 1 23 | 22 30 | 0 28 | 20 49 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 20 | 21 39 | 6 32 | 6 25 |
| W24 | 11 42 | 20 20 | 3 36 | 21 29 | 3 13 | 14 25 | 0 38 | 13 0 | 0 17 | 7 55 | 1 23 | 22 30 | 0 28 | 20 50 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 20 | 21 41 | 6 33 | 6 24 |
| T 25 | 12 3 | 22 35 | 2 48 | 21 28 | 3 10 | 14 50 | 0 36 | 13 14 | 0 17 | 7 56 | 1 23 | 22 30 | 0 28 | 20 50 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 20 | 21 42 | 6 34 | 6 24 |
| F 26 | 12 24 | 23 50 | 1 52 | 21 24 | 3 6 | 15 15 | 0 34 | 13 28 | 0 16 | 7 57 | 1 22 | 22 29 | 0 28 | 20 51 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 20 | 21 43 | 6 34 | 6 24 |
| S 27 | 12 44 | 24 1 | 0 51 | 21 17 | 3 0 | 15 39 | 0 31 | 13 42 | 0 15 | 7 58 | 1 22 | 22 29 | 0 28 | 20 51 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 20 | 21 44 | 6 35 | 6 23 |
| S 28 | 13 4 | 23 6 | 0s13 | 21 6 | 2 53 | 16 3 | 0 29 | 13 55 | 0 15 | 7 59 | 1 22 | 22 29 | 0 28 | 20 52 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 21 | 21 45 | 6 36 | 6 23 |
| M29 | 13 24 | 21 7 | 1 17 | 20 51 | 2 44 | 16 27 | 0 27 | 14 9 | 0 14 | 7 59 | 1 22 | 22 29 | 0 28 | 20 53 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 21 | 21 46 | 6 36 | 6 22 |
| T 30 | 13 44 | 18 7 | 2 19 | 20 32 | 2 34 | 16 50 | 0 25 | 14 22 | 0 14 | 8 0 | 1 22 | 22 29 | 0 27 | 20 53 | 0 8 | 20 58 | 0 48 | 15 15 | 8 8 | 23 22 | 23 21 | 21 47 | 6 37 | 6 22 |
| W31 | 14s 3 | 14n13 | 3s15 | 20s 9 | 2s21 | 17s13 | 0n22 | 14s36 | 0n13 | 8s 0 | 1s21 | 22s28 | 0n27 | 20s54 | 0n 8 | 20n58 | 0s48 | 15n15 | 8s 9 | 23s22 | 23s21 | 21n48 | 6s37 | 6n21 |

Julian Day Number = 2598280.5, Delta T = 08m44s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'25, Lahiri = 29°28'26


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## NOVEMBER 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 57 | 8♏41'57 | 24♌20 | 19°R52 | 20♏45 | 10♏45 | 12°R45 | 11♑10 | 4♐44 | 20°R55 | 29°R26 | 1°R58 | 3♑15 | 23♉37 | 26°R38 | T 1 |
| F 2 | 2 45 53 | 9°41'46 | 7♍49 | 18♏53 | 22° 0 | 11°25 | 12♓44 | 11°14 | 4°47 | 20♋55 | 29♊25 | 1♑55 | 3°11 | 23°43 | 26♒38 | F 2 |
| S 3 | 2 49 50 | 10°41'38 | 21°48 | 17°48 | 23°15 | 12° 6 | 12°43 | 11°18 | 4°50 | 20°55 | 29°24 | 1°50 | 3° 8 | 23°50 | 26°38 | S 3 |
| S 4 | 2 53 47 | 11°41'31 | 6♎16 | 16°36 | 24°30 | 12°47 | 12°42 | 11°23 | 4°54 | 20°54 | 29°24 | 1°43 | 3° 5 | 23°57 | 26°38 | S 4 |
| M 5 | 2 57 43 | 12°41'27 | 21° 8 | 15°21 | 25°45 | 13°28 | 12°42 | 11°28 | 4°57 | 20°54 | 29°23 | 1°35 | 3° 2 | 24° 3 | 26°D38 | M 5 |
| T 6 | 3 1 40 | 13°41'24 | 6♏17 | 14° 4 | 27° 0 | 14° 9 | 12°41 | 11°32 | 5° 1 | 20°53 | 29°22 | 1°27 | 2°59 | 24°10 | 26°38 | T 6 |
| W 7 | 3 5 36 | 14°41'24 | 21°34 | 12°47 | 28°15 | 14°50 | 12°41 | 11°37 | 5° 5 | 20°53 | 29°21 | 1°21 | 2°56 | 24°17 | 26°38 | W 7 |
| T 8 | 3 9 33 | 15°41'25 | 6♐47 | 11°33 | 29°30 | 15°31 | 12°D41 | 11°42 | 5° 8 | 20°52 | 29°21 | 1°17 | 2°52 | 24°23 | 26°38 | T 8 |
| F 9 | 3 13 29 | 16°41'29 | 21°46 | 10°24 | 0♐44 | 16°12 | 12°41 | 11°47 | 5°12 | 20°52 | 29°20 | 1°14 | 2°49 | 24°30 | 26°38 | F 9 |
| S 10 | 3 17 26 | 17°41'34 | 6♑24 | 9°22 | 1°59 | 16°53 | 12°41 | 11°52 | 5°15 | 20°51 | 29°19 | 1°D14 | 2°46 | 24°37 | 26°39 | S 10 |
| S 11 | 3 21 22 | 18°41'40 | 20°37 | 8°30 | 3°14 | 17°34 | 12°42 | 11°57 | 5°19 | 20°51 | 29°18 | 1°15 | 2°43 | 24°43 | 26°39 | S 11 |
| M12 | 3 25 19 | 19°41'48 | 4♒24 | 7°48 | 4°29 | 18°15 | 12°43 | 12° 2 | 5°22 | 20°50 | 29°17 | 1°17 | 2°40 | 24°50 | 26°39 | M12 |
| T 13 | 3 29 16 | 20°41'57 | 17°46 | 7°17 | 5°44 | 18°56 | 12°44 | 12° 8 | 5°26 | 20°50 | 29°16 | 1°R17 | 2°36 | 24°57 | 26°40 | T 13 |
| W14 | 3 33 12 | 21°42'08 | 0♓46 | 6°57 | 6°59 | 19°38 | 12°45 | 12°13 | 5°30 | 20°49 | 29°15 | 1°17 | 2°33 | 25° 3 | 26°40 | W14 |
| T 15 | 3 37 9 | 22°42'21 | 13°26 | 6°D49 | 8°14 | 20°19 | 12°46 | 12°18 | 5°33 | 20°48 | 29°15 | 1°15 | 2°30 | 25°10 | 26°41 | T 15 |
| F 16 | 3 41 5 | 23°42'34 | 25°51 | 6°53 | 9°29 | 21° 0 | 12°48 | 12°24 | 5°37 | 20°47 | 29°14 | 1°11 | 2°27 | 25°17 | 26°42 | F 16 |
| S 17 | 3 45 2 | 24°42'50 | 8♈ 4 | 7° 7 | 10°44 | 21°42 | 12°50 | 12°29 | 5°41 | 20°47 | 29°13 | 1° 6 | 2°24 | 25°23 | 26°42 | S 17 |
| S 18 | 3 48 58 | 25°43'06 | 20° 8 | 7°31 | 11°59 | 22°23 | 12°52 | 12°35 | 5°44 | 20°46 | 29°12 | 0°59 | 2°21 | 25°30 | 26°43 | S 18 |
| M19 | 3 52 55 | 26°43'25 | 2♉ 5 | 8° 5 | 13°13 | 23° 5 | 12°54 | 12°40 | 5°48 | 20°45 | 29°11 | 0°53 | 2°17 | 25°37 | 26°44 | M19 |
| T 20 | 3 56 51 | 27°43'45 | 13°58 | 8°46 | 14°28 | 23°46 | 12°56 | 12°46 | 5°52 | 20°44 | 29°10 | 0°46 | 2°14 | 25°43 | 26°45 | T 20 |
| W21 | 4 0 48 | 28°44'06 | 25°48 | 9°35 | 15°43 | 24°28 | 12°59 | 12°51 | 5°55 | 20°43 | 29° 9 | 0°41 | 2°11 | 25°50 | 26°46 | W21 |
| T 22 | 4 4 45 | 29°44'29 | 7♊37 | 10°31 | 16°58 | 25°10 | 13° 2 | 12°57 | 5°59 | 20°42 | 29° 8 | 0°37 | 2° 8 | 25°57 | 26°47 | T 22 |
| F 23 | 4 8 41 | 0♐44'54 | 19°27 | 11°32 | 18°13 | 25°51 | 13° 5 | 13° 3 | 6° 3 | 20°41 | 29° 7 | 0°35 | 2° 5 | 26° 3 | 26°48 | F 23 |
| S 24 | 4 12 38 | 1°45'21 | 1♋21 | 12°38 | 19°28 | 26°33 | 13° 8 | 13° 9 | 6° 6 | 20°40 | 29° 6 | 0°D34 | 2° 2 | 26°10 | 26°49 | S 24 |
| S 25 | 4 16 34 | 2°45'49 | 13°21 | 13°49 | 20°43 | 27°15 | 13°11 | 13°15 | 6°10 | 20°39 | 29° 5 | 0°35 | 1°58 | 26°17 | 26°51 | S 25 |
| M26 | 4 20 31 | 3°46'19 | 25°30 | 15° 3 | 21°58 | 27°57 | 13°15 | 13°21 | 6°14 | 20°38 | 29° 4 | 0°37 | 1°55 | 26°23 | 26°52 | M26 |
| T 27 | 4 24 27 | 4°46'50 | 7♌51 | 16°20 | 23°13 | 28°38 | 13°19 | 13°27 | 6°18 | 20°37 | 29° 3 | 0°38 | 1°52 | 26°30 | 26°53 | T 27 |
| W28 | 4 28 24 | 5°47'24 | 20°29 | 17°40 | 24°27 | 29°20 | 13°23 | 13°33 | 6°21 | 20°36 | 29° 2 | 0°40 | 1°49 | 26°37 | 26°55 | W28 |
| T 29 | 4 32 21 | 6°47'59 | 3♍27 | 19° 2 | 25°42 | 0♐ 2 | 13°27 | 13°39 | 6°25 | 20°35 | 29° 1 | 0°R41 | 1°46 | 26°43 | 26°56 | T 29 |
| F 30 | 4 36 17 | 7♐48'35 | 16♍48 | 20♏26 | 26♐57 | 0♐44 | 13♓31 | 13♑45 | 6♐29 | 20♋34 | 29♊ 0 | 0♑41 | 1♑42 | 26♉50 | 26♒58 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14 s22 | 9n32 | 4 s 4 | 19 s42 | 2 s 7 | 17 s35 | 0n20 | 14 s49 | 0n13 | 8 s 1 | 1 s21 | 22 s28 | 0n27 | 20 s54 | 0n 8 | 20n58 | 0 s48 | 15n14 | 8 s 9 | 23 s22 | 23 s21 | 21n49 | 6 s38 | 6n21 |
| F 2 | 14 41 | 4 16 | 4 41 | 19 11 | 1 52 | 17 57 | 0 17 | 15 2 | 0 12 | 8 1 | 1 21 | 22 28 | 0 27 | 20 55 | 0 8 | 20 58 | 0 48 | 15 14 | 8 9 | 23 22 | 23 21 | 21 50 | 6 38 | 6 20 |
| S 3 | 15 0 | 1 s24 | 5 3 | 18 37 | 1 34 | 18 18 | 0 15 | 15 15 | 0 11 | 8 1 | 1 21 | 22 28 | 0 27 | 20 56 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 22 | 23 21 | 21 51 | 6 39 | 6 20 |
| S 4 | 15 19 | 7 10 | 5 6 | 17 59 | 1 16 | 18 39 | 0 13 | 15 28 | 0 11 | 8 1 | 1 21 | 22 27 | 0 27 | 20 56 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 52 | 6 39 | 6 19 |
| M 5 | 15 37 | 12 42 | 4 50 | 17 18 | 0 56 | 18 59 | 0 10 | 15 41 | 0 10 | 8 1 | 1 20 | 22 27 | 0 27 | 20 57 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 53 | 6 40 | 6 19 |
| T 6 | 15 55 | 17 34 | 4 13 | 16 36 | 0 36 | 19 19 | 0 8 | 15 54 | 0 10 | 8 1 | 1 20 | 22 27 | 0 27 | 20 58 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 54 | 6 40 | 6 18 |
| W 7 | 16 13 | 21 18 | 3 18 | 15 53 | 0 15 | 19 38 | 0 5 | 16 6 | 0 9 | 8 1 | 1 20 | 22 26 | 0 27 | 20 58 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 55 | 6 41 | 6 18 |
| T 8 | 16 30 | 23 30 | 2 8 | 15 11 | 0n 6 | 19 57 | 0 3 | 16 19 | 0 9 | 8 1 | 1 20 | 22 26 | 0 26 | 20 59 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 56 | 6 41 | 6 17 |
| F 9 | 16 47 | 23 59 | 0 51 | 14 30 | 0 26 | 20 15 | 0 0 | 16 31 | 0 8 | 8 1 | 1 20 | 22 26 | 0 26 | 21 0 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 57 | 6 41 | 6 17 |
| S 10 | 17 4 | 22 46 | 0n28 | 13 53 | 0 44 | 20 33 | 0 s 2 | 16 43 | 0 7 | 8 0 | 1 19 | 22 25 | 0 26 | 21 0 | 0 8 | 20 59 | 0 48 | 15 14 | 8 9 | 23 23 | 23 21 | 21 58 | 6 42 | 6 17 |
| S 11 | 17 21 | 20 6 | 1 43 | 13 20 | 1 2 | 20 50 | 0 5 | 16 56 | 0 7 | 8 0 | 1 19 | 22 25 | 0 26 | 21 1 | 0 8 | 20 59 | 0 48 | 15 14 | 8 10 | 23 23 | 23 22 | 21 59 | 6 42 | 6 16 |
| M12 | 17 37 | 16 22 | 2 50 | 12 51 | 1 18 | 21 7 | 0 7 | 17 8 | 0 6 | 8 0 | 1 19 | 22 25 | 0 26 | 21 2 | 0 8 | 20 59 | 0 48 | 15 14 | 8 10 | 23 23 | 23 22 | 22 0 | 6 42 | 6 16 |
| T 13 | 17 53 | 11 53 | 3 46 | 12 27 | 1 32 | 21 22 | 0 10 | 17 19 | 0 6 | 7 59 | 1 19 | 22 24 | 0 26 | 21 2 | 0 8 | 20 59 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 1 | 6 43 | 6 15 |
| W14 | 18 9 | 7 0 | 4 28 | 12 10 | 1 45 | 21 38 | 0 12 | 17 31 | 0 5 | 7 58 | 1 19 | 22 24 | 0 26 | 21 3 | 0 8 | 20 59 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 2 | 6 43 | 6 15 |
| T 15 | 18 24 | 1 56 | 4 56 | 11 57 | 1 55 | 21 52 | 0 15 | 17 43 | 0 5 | 7 58 | 1 18 | 22 24 | 0 26 | 21 4 | 0 8 | 20 59 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 3 | 6 43 | 6 14 |
| F 16 | 18 40 | 3n 6 | 5 9 | 11 50 | 2 3 | 22 6 | 0 17 | 17 54 | 0 4 | 7 57 | 1 18 | 22 23 | 0 26 | 21 4 | 0 8 | 20 59 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 4 | 6 43 | 6 14 |
| S 17 | 18 54 | 7 55 | 5 9 | 11 49 | 2 10 | 22 20 | 0 20 | 18 6 | 0 3 | 7 56 | 1 18 | 22 23 | 0 26 | 21 5 | 0 8 | 20 59 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 5 | 6 44 | 6 13 |
| S 18 | 19 9 | 12 23 | 4 54 | 11 52 | 2 15 | 22 33 | 0 22 | 18 17 | 0 3 | 7 55 | 1 18 | 22 22 | 0 25 | 21 5 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 6 | 6 44 | 6 13 |
| M19 | 19 23 | 16 20 | 4 26 | 11 59 | 2 19 | 22 45 | 0 25 | 18 28 | 0 2 | 7 54 | 1 18 | 22 22 | 0 25 | 21 6 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 7 | 6 44 | 6 12 |
| T 20 | 19 37 | 19 37 | 3 48 | 12 10 | 2 21 | 22 56 | 0 27 | 18 39 | 0 2 | 7 53 | 1 17 | 22 21 | 0 25 | 21 7 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 8 | 6 44 | 6 12 |
| W21 | 19 50 | 22 4 | 2 59 | 12 25 | 2 21 | 23 7 | 0 30 | 18 50 | 0 1 | 7 52 | 1 17 | 22 21 | 0 25 | 21 7 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 8 | 6 44 | 6 11 |
| T 22 | 20 3 | 23 33 | 2 3 | 12 43 | 2 21 | 23 17 | 0 32 | 19 0 | 0 0 | 7 50 | 1 17 | 22 21 | 0 25 | 21 8 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 9 | 6 44 | 6 11 |
| F 23 | 20 16 | 23 59 | 1 1 | 13 3 | 2 20 | 23 26 | 0 35 | 19 11 | 0 s 0 | 7 49 | 1 17 | 22 20 | 0 25 | 21 9 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 10 | 6 44 | 6 10 |
| S 24 | 20 28 | 23 19 | 0 s 4 | 13 25 | 2 17 | 23 35 | 0 37 | 19 21 | 0 1 | 7 48 | 1 17 | 22 20 | 0 25 | 21 9 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 11 | 6 44 | 6 10 |
| S 25 | 20 40 | 21 34 | 1 10 | 13 49 | 2 14 | 23 43 | 0 39 | 19 31 | 0 1 | 7 46 | 1 16 | 22 19 | 0 25 | 21 10 | 0 8 | 21 0 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 12 | 6 44 | 6 10 |
| M26 | 20 52 | 18 49 | 2 13 | 14 14 | 2 10 | 23 50 | 0 42 | 19 41 | 0 2 | 7 45 | 1 16 | 22 19 | 0 25 | 21 11 | 0 8 | 21 1 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 13 | 6 44 | 6 9 |
| T 27 | 21 3 | 15 11 | 3 11 | 14 40 | 2 6 | 23 57 | 0 44 | 19 51 | 0 2 | 7 43 | 1 16 | 22 18 | 0 25 | 21 11 | 0 7 | 21 1 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 14 | 6 44 | 6 9 |
| W28 | 21 13 | 10 49 | 4 1 | 15 8 | 2 1 | 24 3 | 0 47 | 20 1 | 0 3 | 7 41 | 1 16 | 22 18 | 0 24 | 21 12 | 0 7 | 21 1 | 0 48 | 15 13 | 8 10 | 23 23 | 23 22 | 22 15 | 6 44 | 6 8 |
| T 29 | 21 24 | 5 51 | 4 41 | 15 35 | 1 56 | 24 8 | 0 49 | 20 10 | 0 4 | 7 39 | 1 16 | 22 17 | 0 24 | 21 13 | 0 7 | 21 1 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 16 | 6 44 | 6 8 |
| F 30 | 21 s34 | 0n30 | 5 s 6 | 16 s 3 | 1n50 | 24 s12 | 0 s51 | 20 s20 | 0 s 4 | 7 s38 | 1 s15 | 22 s17 | 0n24 | 21 s13 | 0n 7 | 21n 1 | 0 s48 | 15n13 | 8 s10 | 23 s23 | 23 s23 | 22n16 | 6 s44 | 6n 7 |

Julian Day Number = 2598311.5, Delta T = 08m44s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'29, Lahiri = 29°28'30


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# ASTRODIENST EPHEMERIS for the year 2401
# geocentric

## DECEMBER 2401 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 40 14 | 8♐49'14 | 0♎35 | 21♏52 | 28♐12 | 1♐26 | 13♓36 | 13♑51 | 6♐33 | 20°R33 | 28°R59 | 0°R39 | 1♑39 | 26♉57 | 27♒ 0 | S 1 |
| S 2 | 4 44 10 | 9°49'54 | 14°49 | 23°19 | 29°27 | 2° 8 | 13°40 | 13°57 | 6°36 | 20♋32 | 28♊57 | 0♑37 | 1°36 | 27° 3 | 27° 1 | S 2 |
| M 3 | 4 48 7 | 10°50'36 | 29°27 | 24°47 | 0♑42 | 2°51 | 13°45 | 14° 4 | 6°40 | 20°31 | 28°56 | 0°34 | 1°33 | 27°10 | 27° 3 | M 3 |
| T 4 | 4 52 3 | 11°51'19 | 14♏24 | 26°16 | 1°57 | 3°33 | 13°50 | 14°10 | 6°44 | 20°29 | 28°55 | 0°32 | 1°30 | 27°17 | 27° 5 | T 4 |
| W 5 | 4 56 0 | 12°52'04 | 29°34 | 27°46 | 3°12 | 4°15 | 13°55 | 14°16 | 6°47 | 20°28 | 28°54 | 0°30 | 1°27 | 27°23 | 27° 7 | W 5 |
| T 6 | 4 59 56 | 13°52'50 | 14♐46 | 29°16 | 4°26 | 4°57 | 14° 1 | 14°23 | 6°51 | 20°27 | 28°53 | 0°28 | 1°23 | 27°30 | 27° 9 | T 6 |
| F 7 | 5 3 53 | 14°53'38 | 29°50 | 0♐47 | 5°41 | 5°40 | 14° 7 | 14°29 | 6°55 | 20°25 | 28°52 | 0°D28 | 1°20 | 27°37 | 27°11 | F 7 |
| S 8 | 5 7 50 | 15°54'26 | 14♑39 | 2°19 | 6°56 | 6°22 | 14°12 | 14°36 | 6°58 | 20°24 | 28°51 | 0°28 | 1°17 | 27°43 | 27°13 | S 8 |
| S 9 | 5 11 46 | 16°55'16 | 29° 5 | 3°50 | 8°11 | 7° 5 | 14°18 | 14°42 | 7° 2 | 20°23 | 28°50 | 0°29 | 1°14 | 27°50 | 27°15 | S 9 |
| M10 | 5 15 43 | 17°56'06 | 13♒ 4 | 5°22 | 9°26 | 7°47 | 14°24 | 14°49 | 7° 6 | 20°21 | 28°48 | 0°30 | 1°11 | 27°57 | 27°17 | M10 |
| T 11 | 5 19 39 | 18°56'58 | 26°37 | 6°55 | 10°41 | 8°30 | 14°31 | 14°55 | 7°10 | 20°20 | 28°47 | 0°31 | 1° 8 | 28° 3 | 27°20 | T 11 |
| W12 | 5 23 36 | 19°57'50 | 9♓43 | 8°27 | 11°55 | 9°12 | 14°37 | 15° 2 | 7°13 | 20°19 | 28°46 | 0°32 | 1° 4 | 28°10 | 27°22 | W12 |
| T 13 | 5 27 32 | 20°58'43 | 22°27 | 10° 0 | 13°10 | 9°55 | 14°44 | 15° 9 | 7°17 | 20°17 | 28°45 | 0°R32 | 1° 1 | 28°17 | 27°24 | T 13 |
| F 14 | 5 31 29 | 21°59'36 | 4♈51 | 11°33 | 14°25 | 10°37 | 14°51 | 15°15 | 7°20 | 20°16 | 28°44 | 0°32 | 0°58 | 28°23 | 27°27 | F 14 |
| S 15 | 5 35 25 | 23° 0'30 | 17° 0 | 13° 5 | 15°40 | 11°20 | 14°58 | 15°22 | 7°24 | 20°14 | 28°43 | 0°31 | 0°55 | 28°30 | 27°29 | S 15 |
| S 16 | 5 39 22 | 24° 1'25 | 28°59 | 14°38 | 16°55 | 12° 3 | 15° 5 | 15°29 | 7°28 | 20°13 | 28°41 | 0°30 | 0°52 | 28°37 | 27°32 | S 16 |
| M17 | 5 43 19 | 25° 2'21 | 10♉51 | 16°11 | 18° 9 | 12°46 | 15°12 | 15°36 | 7°31 | 20°11 | 28°40 | 0°29 | 0°48 | 28°43 | 27°34 | M17 |
| T 18 | 5 47 15 | 26° 3'18 | 22°40 | 17°45 | 19°24 | 13°28 | 15°19 | 15°42 | 7°35 | 20°10 | 28°39 | 0°29 | 0°45 | 28°50 | 27°37 | T 18 |
| W19 | 5 51 12 | 27° 4'15 | 4♊29 | 19°18 | 20°39 | 14°11 | 15°27 | 15°49 | 7°38 | 20° 8 | 28°38 | 0°28 | 0°42 | 28°57 | 27°40 | W19 |
| T 20 | 5 55 8 | 28° 5'13 | 16°21 | 20°51 | 21°54 | 14°54 | 15°35 | 15°56 | 7°42 | 20° 7 | 28°37 | 0°28 | 0°39 | 29° 3 | 27°42 | T 20 |
| F 21 | 5 59 5 | 29° 6'12 | 28°18 | 22°25 | 23° 8 | 15°37 | 15°43 | 16° 3 | 7°46 | 20° 5 | 28°36 | 0°D28 | 0°36 | 29°10 | 27°45 | F 21 |
| S 22 | 6 3 1 | 0♑ 7'11 | 10♋21 | 23°58 | 24°23 | 16°20 | 15°51 | 16°10 | 7°49 | 20° 4 | 28°34 | 0°R28 | 0°33 | 29°17 | 27°48 | S 22 |
| S 23 | 6 6 58 | 1° 8'11 | 22°33 | 25°32 | 25°38 | 17° 3 | 15°59 | 16°17 | 7°53 | 20° 2 | 28°33 | 0°28 | 0°29 | 29°23 | 27°51 | S 23 |
| M24 | 6 10 54 | 2° 9'12 | 4♌56 | 27° 6 | 26°53 | 17°46 | 16° 7 | 16°24 | 7°56 | 20° 1 | 28°32 | 0°28 | 0°26 | 29°30 | 27°54 | M24 |
| T 25 | 6 14 51 | 3°10'14 | 17°30 | 28°39 | 28° 7 | 18°29 | 16°16 | 16°30 | 7°59 | 19°59 | 28°31 | 0°27 | 0°23 | 29°37 | 27°57 | T 25 |
| W26 | 6 18 48 | 4°11'17 | 0♍18 | 0♑13 | 29°22 | 19°13 | 16°25 | 16°37 | 8° 3 | 19°57 | 28°30 | 0°27 | 0°20 | 29°43 | 28° 0 | W26 |
| T 27 | 6 22 44 | 5°12'20 | 13°21 | 1°48 | 0♒37 | 19°56 | 16°33 | 16°44 | 8° 6 | 19°56 | 28°29 | 0°27 | 0°17 | 29°50 | 28° 3 | T 27 |
| F 28 | 6 26 41 | 6°13'24 | 26°42 | 3°22 | 1°51 | 20°39 | 16°42 | 16°51 | 8°10 | 19°54 | 28°27 | 0°26 | 0°14 | 29°57 | 28° 6 | F 28 |
| S 29 | 6 30 37 | 7°14'29 | 10♎22 | 4°57 | 3° 6 | 21°23 | 16°51 | 16°58 | 8°13 | 19°52 | 28°26 | 0°D26 | 0°10 | 0♊ 3 | 28° 9 | S 29 |
| S 30 | 6 34 34 | 8°15'35 | 24°22 | 6°31 | 4°20 | 22° 6 | 17° 0 | 17° 5 | 8°17 | 19°51 | 28°25 | 0°26 | 0° 7 | 0°10 | 28°12 | S 30 |
| M31 | 6 38 30 | 9♑16'41 | 8♏40 | 8♑ 6 | 5♒35 | 22♐49 | 17♓10 | 17♑12 | 8♐20 | 19♋49 | 28♊24 | 0♑27 | 0♑ 4 | 0♊17 | 28♒16 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s43 | 5s 3 | 5s15 | 16s31 | 1n44 | 24s16 | 0s53 | 20s29 | 0s 5 | 7s36 | 1s15 | 22s16 | 0n24 | 21s14 | 0n 7 | 21n 1 | 0s48 | 15n13 | 8s10 | 23s23 | 23s23 | 22n17 | 6s44 | 6n 7 |
| S 2 | 21 53 | 10 31 | 5 6 | 16 59 | 1 37 | 24 19 | 0 56 | 20 38 | 0 5 | 7 34 | 1 15 | 22 16 | 0 24 | 21 15 | 0 7 | 21 2 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 18 | 6 44 | 6 6 |
| M 3 | 22 1 | 15 34 | 4 37 | 17 27 | 1 31 | 24 21 | 0 58 | 20 47 | 0 6 | 7 32 | 1 15 | 22 15 | 0 24 | 21 15 | 0 7 | 21 2 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 19 | 6 44 | 6 6 |
| T 4 | 22 10 | 19 45 | 3 48 | 17 55 | 1 24 | 24 22 | 1 0 | 20 56 | 0 7 | 7 29 | 1 14 | 22 14 | 0 24 | 21 16 | 0 7 | 21 2 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 20 | 6 43 | 6 6 |
| W 5 | 22 18 | 22 40 | 2 43 | 18 22 | 1 17 | 24 23 | 1 2 | 21 4 | 0 7 | 7 27 | 1 14 | 22 14 | 0 24 | 21 16 | 0 7 | 21 2 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 21 | 6 43 | 6 5 |
| T 6 | 22 25 | 23 56 | 1 26 | 18 48 | 1 10 | 24 23 | 1 4 | 21 12 | 0 8 | 7 25 | 1 14 | 22 13 | 0 24 | 21 17 | 0 7 | 21 2 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 21 | 6 43 | 6 5 |
| F 7 | 22 32 | 23 27 | 0 3 | 19 15 | 1 3 | 24 22 | 1 6 | 21 20 | 0 8 | 7 23 | 1 14 | 22 13 | 0 24 | 21 18 | 0 7 | 21 2 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 22 | 6 43 | 6 4 |
| S 8 | 22 39 | 21 18 | 1n18 | 19 40 | 0 56 | 24 21 | 1 8 | 21 28 | 0 9 | 7 20 | 1 14 | 22 12 | 0 24 | 21 18 | 0 7 | 21 3 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 23 | 6 42 | 6 4 |
| S 9 | 22 45 | 17 49 | 2 32 | 20 5 | 0 49 | 24 18 | 1 10 | 21 36 | 0 10 | 7 18 | 1 13 | 22 11 | 0 23 | 21 19 | 0 7 | 21 3 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 24 | 6 42 | 6 3 |
| M10 | 22 50 | 13 25 | 3 35 | 20 28 | 0 41 | 24 15 | 1 12 | 21 44 | 0 10 | 7 15 | 1 13 | 22 11 | 0 23 | 21 20 | 0 7 | 21 3 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 25 | 6 42 | 6 3 |
| T 11 | 22 56 | 8 29 | 4 24 | 20 51 | 0 34 | 24 11 | 1 14 | 21 51 | 0 11 | 7 13 | 1 13 | 22 10 | 0 23 | 21 20 | 0 7 | 21 3 | 0 48 | 15 12 | 8 11 | 23 23 | 23 23 | 22 25 | 6 41 | 6 3 |
| W12 | 23 0 | 3 19 | 4 57 | 21 13 | 0 27 | 24 7 | 1 16 | 21 58 | 0 11 | 7 10 | 1 13 | 22 9 | 0 23 | 21 21 | 0 7 | 21 3 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 26 | 6 41 | 6 2 |
| T 13 | 23 5 | 1n49 | 5 14 | 21 35 | 0 20 | 24 2 | 1 18 | 22 5 | 0 12 | 7 7 | 1 13 | 22 9 | 0 23 | 21 21 | 0 7 | 21 4 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 27 | 6 41 | 6 2 |
| F 14 | 23 9 | 6 46 | 5 16 | 21 55 | 0 13 | 23 56 | 1 20 | 22 12 | 0 13 | 7 4 | 1 13 | 22 8 | 0 23 | 21 22 | 0 7 | 21 4 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 28 | 6 40 | 6 1 |
| S 15 | 23 12 | 11 21 | 5 4 | 22 14 | 0 5 | 23 49 | 1 21 | 22 19 | 0 13 | 7 1 | 1 12 | 22 7 | 0 23 | 21 23 | 0 7 | 21 4 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 29 | 6 40 | 6 1 |
| S 16 | 23 15 | 15 26 | 4 39 | 22 32 | 0s 2 | 23 41 | 1 23 | 22 25 | 0 14 | 6 59 | 1 12 | 22 7 | 0 23 | 21 23 | 0 7 | 21 4 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 29 | 6 39 | 6 0 |
| M17 | 23 18 | 18 53 | 4 2 | 22 49 | 0 9 | 23 33 | 1 24 | 22 31 | 0 15 | 6 56 | 1 12 | 22 6 | 0 23 | 21 24 | 0 7 | 21 4 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 30 | 6 39 | 6 0 |
| T 18 | 23 20 | 21 32 | 3 15 | 23 5 | 0 15 | 23 24 | 1 26 | 22 37 | 0 15 | 6 52 | 1 12 | 22 5 | 0 23 | 21 24 | 0 7 | 21 5 | 0 48 | 15 12 | 8 10 | 23 23 | 23 23 | 22 31 | 6 38 | 6 0 |
| W19 | 23 21 | 23 17 | 2 19 | 23 20 | 0 22 | 23 15 | 1 27 | 22 43 | 0 16 | 6 49 | 1 12 | 22 5 | 0 23 | 21 25 | 0 7 | 21 5 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 32 | 6 38 | 5 59 |
| T 20 | 23 22 | 23 59 | 1 18 | 23 33 | 0 29 | 23 4 | 1 29 | 22 48 | 0 16 | 6 46 | 1 11 | 22 4 | 0 23 | 21 26 | 0 7 | 21 5 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 32 | 6 37 | 5 59 |
| F 21 | 23 23 | 23 35 | 0 12 | 23 45 | 0 35 | 22 53 | 1 30 | 22 54 | 0 17 | 6 43 | 1 11 | 22 3 | 0 22 | 21 26 | 0 7 | 21 5 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 33 | 6 37 | 5 59 |
| S 22 | 23 23 | 22 4 | 0s55 | 23 57 | 0 42 | 22 42 | 1 32 | 22 59 | 0 18 | 6 40 | 1 11 | 22 2 | 0 22 | 21 27 | 0 7 | 21 6 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 34 | 6 36 | 5 58 |
| S 23 | 23 23 | 19 32 | 2 0 | 24 7 | 0 48 | 22 29 | 1 33 | 23 4 | 0 18 | 6 36 | 1 11 | 22 2 | 0 22 | 21 27 | 0 7 | 21 6 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 35 | 6 35 | 5 58 |
| M24 | 23 22 | 16 5 | 3 0 | 24 15 | 0 54 | 22 16 | 1 34 | 23 8 | 0 19 | 6 33 | 1 11 | 22 1 | 0 22 | 21 28 | 0 7 | 21 6 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 35 | 6 35 | 5 57 |
| T 25 | 23 21 | 11 51 | 3 53 | 24 23 | 1 0 | 22 3 | 1 35 | 23 13 | 0 19 | 6 29 | 1 11 | 22 0 | 0 22 | 21 28 | 0 7 | 21 6 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 36 | 6 34 | 5 57 |
| W26 | 23 19 | 7 3 | 4 35 | 24 29 | 1 6 | 21 48 | 1 36 | 23 17 | 0 20 | 6 26 | 1 10 | 21 59 | 0 22 | 21 29 | 0 7 | 21 7 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 37 | 6 33 | 5 57 |
| T 27 | 23 17 | 1 51 | 5 4 | 24 34 | 1 11 | 21 33 | 1 37 | 23 21 | 0 21 | 6 22 | 1 10 | 21 59 | 0 22 | 21 30 | 0 7 | 21 7 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 37 | 6 33 | 5 56 |
| F 28 | 23 14 | 3s33 | 5 17 | 24 37 | 1 17 | 21 18 | 1 38 | 23 25 | 0 21 | 6 19 | 1 10 | 21 58 | 0 22 | 21 30 | 0 7 | 21 7 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 38 | 6 32 | 5 56 |
| S 29 | 23 11 | 8 54 | 5 13 | 24 39 | 1 22 | 21 2 | 1 39 | 23 28 | 0 22 | 6 15 | 1 10 | 21 57 | 0 22 | 21 31 | 0 7 | 21 7 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 39 | 6 31 | 5 56 |
| S 30 | 23 8 | 13 55 | 4 50 | 24 40 | 1 27 | 20 45 | 1 40 | 23 32 | 0 22 | 6 11 | 1 10 | 21 56 | 0 22 | 21 31 | 0 7 | 21 7 | 0 48 | 15 13 | 8 10 | 23 23 | 23 23 | 22 39 | 6 30 | 5 55 |
| M31 | 23s 4 | 18s18 | 4s10 | 24s40 | 1s31 | 20s27 | 1s40 | 23s35 | 0s23 | 6s 8 | 1s10 | 21s55 | 0n22 | 21s32 | 0n 7 | 21n 8 | 0s48 | 15n13 | 8s10 | 23s23 | 23s23 | 22n40 | 6s30 | 5n55 |

Julian Day Number = 2598341.5, Delta T = 08m44s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'33, Lahiri = 29°28'34


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## JANUARY 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 42 27 | 10♑17'48 | 23♏14 | 9♑42 | 6♒50 | 23♐33 | 17♓19 | 17♑19 | 8♐23 | 19°R47 | 28°R23 | 0♑28 | 0♑ 1 | 0♊23 | 28♒19 | T 1 |
| W 2 | 6 46 23 | 11°18'56 | 8♐ 1 | 11°17 | 8° 4 | 24°16 | 17°29 | 17°27 | 8°26 | 19♋46 | 28♊22 | 0°29 | 29♐58 | 0°30 | 28°22 | W 2 |
| T 3 | 6 50 20 | 12°20'05 | 22°54 | 12°53 | 9°19 | 25° 0 | 17°39 | 17°34 | 8°30 | 19°44 | 28°21 | 0°29 | 29°54 | 0°37 | 28°26 | T 3 |
| F 4 | 6 54 17 | 13°21'14 | 7♑45 | 14°29 | 10°33 | 25°43 | 17°48 | 17°41 | 8°33 | 19°42 | 28°19 | 0°R29 | 29°51 | 0°43 | 28°29 | F 4 |
| S 5 | 6 58 13 | 14°22'23 | 22°28 | 16° 5 | 11°48 | 26°27 | 17°58 | 17°48 | 8°36 | 19°41 | 28°18 | 0°29 | 29°48 | 0°50 | 28°33 | S 5 |
| S 6 | 7 2 10 | 15°23'32 | 6♒54 | 17°42 | 13° 2 | 27°11 | 18° 8 | 17°55 | 8°39 | 19°39 | 28°17 | 0°27 | 29°45 | 0°57 | 28°36 | S 6 |
| M 7 | 7 6 6 | 16°24'41 | 20°59 | 19°19 | 14°17 | 27°55 | 18°19 | 18° 2 | 8°42 | 19°37 | 28°16 | 0°25 | 29°42 | 1° 3 | 28°40 | M 7 |
| T 8 | 7 10 3 | 17°25'50 | 4♓39 | 20°56 | 15°31 | 28°38 | 18°29 | 18° 9 | 8°46 | 19°36 | 28°15 | 0°23 | 29°39 | 1°10 | 28°43 | T 8 |
| W 9 | 7 13 59 | 18°26'59 | 17°53 | 22°34 | 16°46 | 29°22 | 18°39 | 18°16 | 8°49 | 19°34 | 28°14 | 0°20 | 29°35 | 1°17 | 28°47 | W 9 |
| T 10 | 7 17 56 | 19°28'08 | 0♈43 | 24°12 | 18° 0 | 0♑ 6 | 18°50 | 18°23 | 8°52 | 19°32 | 28°13 | 0°18 | 29°32 | 1°23 | 28°51 | T 10 |
| F 11 | 7 21 53 | 20°29'17 | 13°11 | 25°50 | 19°14 | 0°50 | 19° 1 | 18°30 | 8°55 | 19°30 | 28°12 | 0°17 | 29°29 | 1°30 | 28°54 | F 11 |
| S 12 | 7 25 49 | 21°30'25 | 25°22 | 27°28 | 20°29 | 1°34 | 19°12 | 18°37 | 8°58 | 19°29 | 28°11 | 0°D17 | 29°26 | 1°37 | 28°58 | S 12 |
| S 13 | 7 29 46 | 22°31'33 | 7♉21 | 29° 7 | 21°43 | 2°18 | 19°22 | 18°44 | 9° 1 | 19°27 | 28°10 | 0°18 | 29°23 | 1°43 | 29° 2 | S 13 |
| M14 | 7 33 42 | 23°32'40 | 19°12 | 0♒46 | 22°57 | 3° 2 | 19°33 | 18°51 | 9° 4 | 19°25 | 28° 9 | 0°19 | 29°20 | 1°50 | 29° 6 | M14 |
| T 15 | 7 37 39 | 24°33'48 | 1♊ 0 | 2°26 | 24°12 | 3°46 | 19°45 | 18°59 | 9° 7 | 19°24 | 28° 7 | 0°21 | 29°16 | 1°57 | 29°10 | T 15 |
| W16 | 7 41 35 | 25°34'55 | 12°50 | 4° 5 | 25°26 | 4°30 | 19°56 | 19° 6 | 9° 9 | 19°22 | 28° 6 | 0°23 | 29°13 | 2° 3 | 29°13 | W16 |
| T 17 | 7 45 32 | 26°36'01 | 24°45 | 5°45 | 26°40 | 5°14 | 20° 7 | 19°13 | 9°12 | 19°20 | 28° 5 | 0°R24 | 29°10 | 2°10 | 29°17 | T 17 |
| F 18 | 7 49 28 | 27°37'07 | 6♋49 | 7°25 | 27°54 | 5°58 | 20°18 | 19°20 | 9°15 | 19°19 | 28° 4 | 0°24 | 29° 7 | 2°17 | 29°21 | F 18 |
| S 19 | 7 53 25 | 28°38'13 | 19° 4 | 9° 5 | 29° 8 | 6°43 | 20°30 | 19°27 | 9°18 | 19°17 | 28° 3 | 0°22 | 29° 4 | 2°23 | 29°25 | S 19 |
| S 20 | 7 57 22 | 29°39'18 | 1♌32 | 10°45 | 0♓22 | 7°27 | 20°42 | 19°34 | 9°20 | 19°15 | 28° 2 | 0°20 | 29° 0 | 2°30 | 29°29 | S 20 |
| M21 | 8 1 18 | 0♒40'23 | 14°14 | 12°25 | 1°36 | 8°11 | 20°53 | 19°41 | 9°23 | 19°14 | 28° 1 | 0°15 | 28°57 | 2°37 | 29°33 | M21 |
| T 22 | 8 5 15 | 1°41'28 | 27° 9 | 14° 5 | 2°50 | 8°56 | 21° 5 | 19°48 | 9°26 | 19°12 | 28° 1 | 0°10 | 28°54 | 2°43 | 29°37 | T 22 |
| W23 | 8 9 11 | 2°42'32 | 10♍18 | 15°44 | 4° 4 | 9°40 | 21°17 | 19°55 | 9°28 | 19°10 | 28° 0 | 0° 4 | 28°51 | 2°50 | 29°41 | W23 |
| T 24 | 8 13 8 | 3°43'36 | 23°40 | 17°22 | 5°18 | 10°24 | 21°29 | 20° 2 | 9°31 | 19° 9 | 27°59 | 29♐59 | 28°48 | 2°57 | 29°46 | T 24 |
| F 25 | 8 17 4 | 4°44'40 | 7♎14 | 19° 0 | 6°32 | 11° 9 | 21°41 | 20° 9 | 9°33 | 19° 7 | 27°58 | 29°55 | 28°45 | 3° 3 | 29°50 | F 25 |
| S 26 | 8 21 1 | 5°45'44 | 20°58 | 20°37 | 7°46 | 11°53 | 21°53 | 20°15 | 9°36 | 19° 5 | 27°57 | 29°52 | 28°41 | 3°10 | 29°54 | S 26 |
| S 27 | 8 24 57 | 6°46'47 | 4♏54 | 22°13 | 9° 0 | 12°38 | 22° 5 | 20°22 | 9°38 | 19° 4 | 27°56 | 29°D51 | 28°38 | 3°17 | 29°58 | S 27 |
| M28 | 8 28 54 | 7°47'50 | 18°59 | 23°47 | 10°13 | 13°23 | 22°18 | 20°29 | 9°41 | 19° 2 | 27°55 | 29°52 | 28°35 | 3°23 | 0♓ 2 | M28 |
| T 29 | 8 32 51 | 8°48'53 | 3♐13 | 25°19 | 11°27 | 14° 7 | 22°30 | 20°36 | 9°43 | 19° 1 | 27°54 | 29°53 | 28°32 | 3°30 | 0° 6 | T 29 |
| W30 | 8 36 47 | 9°49'55 | 17°33 | 26°48 | 12°41 | 14°52 | 22°43 | 20°43 | 9°45 | 18°59 | 27°53 | 29°54 | 28°29 | 3°37 | 0°11 | W30 |
| T 31 | 8 40 44 | 10♒50'57 | 1♑58 | 28♒15 | 13♓54 | 15♑37 | 22♓55 | 20♑50 | 9♐48 | 18♋58 | 27♊53 | 29°R55 | 28♐26 | 3♊43 | 0♓15 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s59 | 21s39 | 3s12 | 24s38 | 1s36 | 20s 9 | 1s41 | 23s37 | 0s24 | 6s 4 | 1s 9 | 21s55 | 0n22 | 21s32 | 0n 7 | 21n 8 | 0s48 | 15n13 | 8s 9 | 23s23 | 23s23 | 22n41 | 6s29 | 5n55 |
| W 2 | 22 54 | 23 36 | 2 2 | 24 34 | 1 40 | 19 51 | 1 42 | 23 40 | 0 24 | 6 0 | 1 9 | 21 54 | 0 22 | 21 33 | 0 7 | 21 8 | 0 48 | 15 13 | 8 9 | 23 23 | 23 23 | 22 41 | 6 28 | 5 54 |
| T 3 | 22 49 | 23 54 | 0 42 | 24 30 | 1 44 | 19 32 | 1 42 | 23 42 | 0 25 | 5 56 | 1 9 | 21 53 | 0 21 | 21 33 | 0 7 | 21 8 | 0 48 | 15 13 | 8 9 | 23 23 | 23 23 | 22 42 | 6 27 | 5 54 |
| F 4 | 22 43 | 22 29 | 0n40 | 24 23 | 1 48 | 19 12 | 1 43 | 23 45 | 0 26 | 5 52 | 1 9 | 21 52 | 0 21 | 21 34 | 0 7 | 21 9 | 0 48 | 15 13 | 8 9 | 23 23 | 23 23 | 22 43 | 6 26 | 5 54 |
| S 5 | 22 37 | 19 34 | 1 59 | 24 16 | 1 51 | 18 52 | 1 43 | 23 47 | 0 26 | 5 48 | 1 9 | 21 51 | 0 21 | 21 34 | 0 7 | 21 9 | 0 48 | 15 13 | 8 9 | 23 23 | 23 23 | 22 43 | 6 25 | 5 53 |
| S 6 | 22 30 | 15 28 | 3 8 | 24 7 | 1 55 | 18 31 | 1 43 | 23 48 | 0 27 | 5 44 | 1 9 | 21 50 | 0 21 | 21 35 | 0 7 | 21 9 | 0 48 | 15 14 | 8 9 | 23 23 | 23 23 | 22 44 | 6 24 | 5 53 |
| M 7 | 22 23 | 10 36 | 4 5 | 23 56 | 1 57 | 18 9 | 1 43 | 23 50 | 0 27 | 5 40 | 1 8 | 21 50 | 0 21 | 21 35 | 0 7 | 21 9 | 0 48 | 15 14 | 8 9 | 23 23 | 23 23 | 22 45 | 6 24 | 5 53 |
| T 8 | 22 15 | 5 21 | 4 45 | 23 44 | 2 0 | 17 48 | 1 43 | 23 51 | 0 28 | 5 36 | 1 8 | 21 49 | 0 21 | 21 36 | 0 7 | 21 10 | 0 48 | 15 14 | 8 9 | 23 23 | 23 23 | 22 45 | 6 23 | 5 52 |
| W 9 | 22 7 | 0 2 | 5 9 | 23 31 | 2 2 | 17 25 | 1 44 | 23 52 | 0 29 | 5 31 | 1 8 | 21 48 | 0 21 | 21 36 | 0 7 | 21 10 | 0 48 | 15 14 | 8 9 | 23 23 | 23 23 | 22 46 | 6 22 | 5 52 |
| T 10 | 21 59 | 5n 7 | 5 16 | 23 16 | 2 4 | 17 3 | 1 43 | 23 52 | 0 29 | 5 27 | 1 8 | 21 47 | 0 21 | 21 37 | 0 7 | 21 10 | 0 48 | 15 14 | 8 9 | 23 23 | 23 23 | 22 46 | 6 21 | 5 52 |
| F 11 | 21 50 | 9 55 | 5 8 | 22 59 | 2 6 | 16 39 | 1 43 | 23 53 | 0 30 | 5 23 | 1 8 | 21 46 | 0 21 | 21 37 | 0 7 | 21 10 | 0 48 | 15 14 | 8 8 | 23 23 | 23 23 | 22 47 | 6 20 | 5 52 |
| S 12 | 21 40 | 14 14 | 4 46 | 22 42 | 2 7 | 16 16 | 1 43 | 23 53 | 0 30 | 5 18 | 1 8 | 21 45 | 0 21 | 21 38 | 0 7 | 21 11 | 0 48 | 15 14 | 8 8 | 23 23 | 23 23 | 22 48 | 6 19 | 5 51 |
| S 13 | 21 31 | 17 55 | 4 12 | 22 22 | 2 8 | 15 52 | 1 43 | 23 53 | 0 31 | 5 14 | 1 8 | 21 44 | 0 21 | 21 38 | 0 7 | 21 11 | 0 48 | 15 14 | 8 8 | 23 23 | 23 23 | 22 48 | 6 18 | 5 51 |
| M14 | 21 20 | 20 49 | 3 28 | 22 1 | 2 8 | 15 27 | 1 43 | 23 53 | 0 32 | 5 10 | 1 7 | 21 43 | 0 21 | 21 39 | 0 7 | 21 11 | 0 48 | 15 14 | 8 8 | 23 23 | 23 23 | 22 49 | 6 17 | 5 51 |
| T 15 | 21 10 | 22 51 | 2 35 | 21 39 | 2 8 | 15 2 | 1 42 | 23 52 | 0 32 | 5 5 | 1 7 | 21 42 | 0 21 | 21 39 | 0 7 | 21 11 | 0 48 | 15 14 | 8 8 | 23 23 | 23 23 | 22 49 | 6 16 | 5 50 |
| W16 | 20 59 | 23 52 | 1 35 | 21 15 | 2 7 | 14 37 | 1 42 | 23 52 | 0 33 | 5 1 | 1 7 | 21 42 | 0 21 | 21 39 | 0 7 | 21 12 | 0 48 | 15 15 | 8 8 | 23 23 | 23 23 | 22 50 | 6 14 | 5 50 |
| T 17 | 20 47 | 23 48 | 0 31 | 20 50 | 2 6 | 14 11 | 1 41 | 23 51 | 0 34 | 4 56 | 1 7 | 21 41 | 0 20 | 21 40 | 0 7 | 21 12 | 0 48 | 15 15 | 8 8 | 23 23 | 23 23 | 22 51 | 6 13 | 5 50 |
| F 18 | 20 36 | 22 38 | 0s35 | 20 23 | 2 5 | 13 45 | 1 40 | 23 49 | 0 34 | 4 51 | 1 7 | 21 40 | 0 20 | 21 40 | 0 7 | 21 12 | 0 48 | 15 15 | 8 8 | 23 23 | 23 23 | 22 51 | 6 12 | 5 50 |
| S 19 | 20 23 | 20 22 | 1 41 | 19 55 | 2 3 | 13 18 | 1 40 | 23 48 | 0 35 | 4 47 | 1 7 | 21 39 | 0 20 | 21 41 | 0 7 | 21 12 | 0 48 | 15 15 | 8 7 | 23 23 | 23 23 | 22 52 | 6 11 | 5 49 |
| S 20 | 20 11 | 17 8 | 2 43 | 19 26 | 2 0 | 12 51 | 1 39 | 23 46 | 0 35 | 4 42 | 1 7 | 21 38 | 0 20 | 21 41 | 0 7 | 21 13 | 0 48 | 15 15 | 8 7 | 23 23 | 23 23 | 22 52 | 6 10 | 5 49 |
| M21 | 19 58 | 13 3 | 3 37 | 18 55 | 1 57 | 12 24 | 1 38 | 23 44 | 0 36 | 4 37 | 1 7 | 21 37 | 0 20 | 21 42 | 0 7 | 21 13 | 0 48 | 15 15 | 8 7 | 23 23 | 23 23 | 22 53 | 6 9 | 5 49 |
| T 22 | 19 44 | 8 19 | 4 22 | 18 22 | 1 53 | 11 57 | 1 37 | 23 42 | 0 37 | 4 33 | 1 6 | 21 36 | 0 20 | 21 42 | 0 7 | 21 13 | 0 48 | 15 15 | 8 7 | 23 23 | 23 23 | 22 53 | 6 8 | 5 49 |
| W23 | 19 31 | 3 9 | 4 54 | 17 49 | 1 49 | 11 29 | 1 36 | 23 39 | 0 37 | 4 28 | 1 6 | 21 35 | 0 20 | 21 42 | 0 7 | 21 13 | 0 48 | 15 15 | 8 7 | 23 23 | 23 23 | 22 54 | 6 6 | 5 49 |
| T 24 | 19 17 | 2s14 | 5 10 | 17 14 | 1 44 | 11 1 | 1 35 | 23 37 | 0 38 | 4 23 | 1 6 | 21 34 | 0 20 | 21 43 | 0 7 | 21 14 | 0 48 | 15 16 | 8 7 | 23 23 | 23 23 | 22 54 | 6 5 | 5 48 |
| F 25 | 19 2 | 7 36 | 5 9 | 16 38 | 1 38 | 10 33 | 1 34 | 23 34 | 0 38 | 4 18 | 1 6 | 21 33 | 0 20 | 21 43 | 0 7 | 21 14 | 0 48 | 15 16 | 8 7 | 23 23 | 23 23 | 22 55 | 6 4 | 5 48 |
| S 26 | 18 47 | 12 40 | 4 51 | 16 2 | 1 31 | 10 4 | 1 32 | 23 30 | 0 39 | 4 13 | 1 6 | 21 32 | 0 20 | 21 43 | 0 7 | 21 14 | 0 48 | 15 16 | 8 6 | 23 23 | 23 23 | 22 55 | 6 3 | 5 48 |
| S 27 | 18 32 | 17 8 | 4 16 | 15 24 | 1 24 | 9 35 | 1 31 | 23 27 | 0 40 | 4 8 | 1 6 | 21 31 | 0 20 | 21 44 | 0 7 | 21 14 | 0 48 | 15 16 | 8 6 | 23 23 | 23 23 | 22 56 | 6 2 | 5 48 |
| M28 | 18 17 | 20 42 | 3 24 | 14 45 | 1 16 | 9 6 | 1 29 | 23 23 | 0 40 | 4 3 | 1 6 | 21 30 | 0 20 | 21 44 | 0 7 | 21 15 | 0 48 | 15 16 | 8 6 | 23 23 | 23 23 | 22 56 | 6 0 | 5 48 |
| T 29 | 18 1 | 23 3 | 2 20 | 14 6 | 1 7 | 8 36 | 1 28 | 23 19 | 0 41 | 3 58 | 1 6 | 21 29 | 0 20 | 21 45 | 0 7 | 21 15 | 0 48 | 15 16 | 8 6 | 23 23 | 23 23 | 22 57 | 5 59 | 5 47 |
| W30 | 17 45 | 23 55 | 1 7 | 13 27 | 0 57 | 8 7 | 1 26 | 23 15 | 0 41 | 3 53 | 1 6 | 21 28 | 0 20 | 21 45 | 0 7 | 21 15 | 0 48 | 15 16 | 8 6 | 23 23 | 23 23 | 22 57 | 5 58 | 5 47 |
| T 31 | 17s28 | 23s11 | 0n11 | 12s47 | 0s47 | 7s37 | 1s24 | 23s10 | 0s42 | 3s48 | 1s 5 | 21s27 | 0n20 | 21s45 | 0n 7 | 21n15 | 0s48 | 15n17 | 8s 6 | 23s23 | 23s23 | 22n58 | 5s56 | 5n47 |

Julian Day Number = 2598372.5, Delta T = 08m45s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'37, Lahiri = 29°28'39


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## FEBRUARY 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 44 40 | 11♒51'58 | 16♉24 | 29♒38 | 15♓ 8 | 16♉21 | 23♓ 8 | 20♉57 | 9♐50 | 18°R56 | 27°R52 | 29°R54 | 28♐22 | 3♊50 | 0♓19 | F 1 |
| S 2 | 8 48 37 | 12°52'59 | 0♒44 | 0♓56 | 16°21 | 17° 6 | 23°21 | 21° 3 | 9°52 | 18♋54 | 27♊51 | 29♐50 | 28°19 | 3°57 | 0°23 | S 2 |
| S 3 | 8 52 33 | 13°53'59 | 14°55 | 2°10 | 17°35 | 17°51 | 23°33 | 21°10 | 9°54 | 18°53 | 27°50 | 29°45 | 28°16 | 4° 3 | 0°28 | S 3 |
| M 4 | 8 56 30 | 14°54'58 | 28°50 | 3°18 | 18°48 | 18°36 | 23°46 | 21°17 | 9°56 | 18°51 | 27°49 | 29°38 | 28°13 | 4°10 | 0°32 | M 4 |
| T 5 | 9 0 26 | 15°55'56 | 12♓26 | 4°20 | 20° 2 | 19°21 | 23°59 | 21°23 | 9°58 | 18°50 | 27°49 | 29°29 | 28°10 | 4°17 | 0°36 | T 5 |
| W 6 | 9 4 23 | 16°56'53 | 25°40 | 5°15 | 21°15 | 20° 6 | 24°12 | 21°30 | 10° 0 | 18°48 | 27°48 | 29°21 | 28° 6 | 4°23 | 0°41 | W 6 |
| T 7 | 9 8 20 | 17°57'48 | 8♈32 | 6° 1 | 22°28 | 20°51 | 24°25 | 21°37 | 10° 2 | 18°47 | 27°47 | 29°13 | 28° 3 | 4°30 | 0°45 | T 7 |
| F 8 | 9 12 16 | 18°58'43 | 21° 3 | 6°39 | 23°41 | 21°36 | 24°38 | 21°43 | 10° 4 | 18°46 | 27°47 | 29° 8 | 28° 0 | 4°37 | 0°49 | F 8 |
| S 9 | 9 16 13 | 19°59'36 | 3♉16 | 7° 7 | 24°54 | 22°21 | 24°52 | 21°50 | 10° 6 | 18°44 | 27°46 | 29° 4 | 27°57 | 4°43 | 0°54 | S 9 |
| S 10 | 9 20 9 | 21° 0'28 | 15°16 | 7°25 | 26° 8 | 23° 6 | 25° 5 | 21°56 | 10° 8 | 18°43 | 27°45 | 29° 2 | 27°54 | 4°50 | 0°58 | S 10 |
| M11 | 9 24 6 | 22° 1'19 | 27° 7 | 7°R32 | 27°20 | 23°51 | 25°18 | 22° 3 | 10°10 | 18°41 | 27°45 | 29°D 2 | 27°51 | 4°57 | 1° 2 | M11 |
| T 12 | 9 28 2 | 23° 2'08 | 8♊56 | 7°28 | 28°33 | 24°36 | 25°31 | 22° 9 | 10°11 | 18°40 | 27°44 | 29° 3 | 27°47 | 5° 3 | 1° 7 | T 12 |
| W13 | 9 31 59 | 24° 2'56 | 20°46 | 7°14 | 29°46 | 25°21 | 25°45 | 22°16 | 10°13 | 18°39 | 27°43 | 29° 4 | 27°44 | 5°10 | 1°11 | W13 |
| T 14 | 9 35 55 | 25° 3'43 | 2♋43 | 6°48 | 0♈59 | 26° 6 | 25°58 | 22°22 | 10°15 | 18°37 | 27°43 | 29°R 4 | 27°41 | 5°17 | 1°16 | T 14 |
| F 15 | 9 39 52 | 26° 4'28 | 14°53 | 6°12 | 2°12 | 26°52 | 26°12 | 22°28 | 10°16 | 18°36 | 27°42 | 29° 3 | 27°38 | 5°23 | 1°20 | F 15 |
| S 16 | 9 43 49 | 27° 5'11 | 27°17 | 5°27 | 3°24 | 27°37 | 26°25 | 22°35 | 10°18 | 18°35 | 27°42 | 28°59 | 27°35 | 5°30 | 1°25 | S 16 |
| S 17 | 9 47 45 | 28° 5'54 | 10♌ 0 | 4°33 | 4°37 | 28°22 | 26°39 | 22°41 | 10°19 | 18°34 | 27°41 | 28°53 | 27°32 | 5°36 | 1°29 | S 17 |
| M18 | 9 51 42 | 29° 6'34 | 23° 1 | 3°33 | 5°49 | 29° 8 | 26°53 | 22°47 | 10°20 | 18°32 | 27°41 | 28°44 | 27°28 | 5°43 | 1°33 | M18 |
| T 19 | 9 55 38 | 0♓ 7'14 | 6♍20 | 2°28 | 7° 2 | 29°53 | 27° 7 | 22°53 | 10°22 | 18°31 | 27°40 | 28°34 | 27°25 | 5°50 | 1°38 | T 19 |
| W20 | 9 59 35 | 1° 7'52 | 19°55 | 1°19 | 8°14 | 0♒38 | 27°20 | 22°59 | 10°23 | 18°30 | 27°40 | 28°23 | 27°22 | 5°56 | 1°42 | W20 |
| T 21 | 10 3 31 | 2° 8'29 | 3♎43 | 0°10 | 9°26 | 1°24 | 27°34 | 23° 5 | 10°24 | 18°29 | 27°39 | 28°12 | 27°19 | 6° 3 | 1°47 | T 21 |
| F 22 | 10 7 28 | 3° 9'04 | 17°41 | 29♒ 0 | 10°38 | 2° 9 | 27°48 | 23°11 | 10°26 | 18°28 | 27°39 | 28° 3 | 27°16 | 6°10 | 1°51 | F 22 |
| S 23 | 10 11 24 | 4° 9'39 | 1♏44 | 27°54 | 11°50 | 2°55 | 28° 2 | 23°17 | 10°27 | 18°27 | 27°39 | 27°56 | 27°12 | 6°16 | 1°56 | S 23 |
| S 24 | 10 15 21 | 5°10'12 | 15°50 | 26°50 | 13° 2 | 3°40 | 28°16 | 23°23 | 10°28 | 18°26 | 27°38 | 27°53 | 27° 9 | 6°23 | 2° 0 | S 24 |
| M25 | 10 19 18 | 6°10'44 | 29°56 | 25°52 | 14°14 | 4°26 | 28°30 | 23°29 | 10°29 | 18°25 | 27°38 | 27°51 | 27° 6 | 6°30 | 2° 4 | M25 |
| T 26 | 10 23 14 | 7°11'15 | 14♐ 2 | 25° 0 | 15°26 | 5°11 | 28°44 | 23°35 | 10°30 | 18°24 | 27°38 | 27°D51 | 27° 3 | 6°36 | 2° 9 | T 26 |
| W27 | 10 27 11 | 8°11'45 | 28° 6 | 24°15 | 16°37 | 5°57 | 28°58 | 23°40 | 10°31 | 18°23 | 27°37 | 27°R51 | 27° 0 | 6°43 | 2°13 | W27 |
| T 28 | 10 31 7 | 9♓12'13 | 12♉ 8 | 23♒37 | 17♈49 | 6♒43 | 29♓12 | 23♉46 | 10♐32 | 18♋22 | 27♊37 | 27♐51 | 26♐57 | 6♊50 | 2♓18 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s12 | 20s55 | 1n28 | 12s 8 | 0s35 | 7s 7 | 1s23 | 23s 6 | 0s43 | 3s43 | 1s 5 | 21s26 | 0n20 | 21s46 | 0n 7 | 21n16 | 0s48 | 15n17 | 8s 5 | 23s23 | 23s23 | 22n58 | 5s55 | 5n47 |
| S 2 | 16 55 | 17 21 | 2 39 | 11 28 | 0 23 | 6 37 | 1 21 | 23 1 | 0 43 | 3 38 | 1 5 | 21 25 | 0 19 | 21 46 | 0 7 | 21 16 | 0 48 | 15 17 | 8 5 | 23 23 | 23 23 | 22 59 | 5 54 | 5 47 |
| S 3 | 16 37 | 12 50 | 3 39 | 10 50 | 0 10 | 6 6 | 1 19 | 22 55 | 0 44 | 3 33 | 1 5 | 21 24 | 0 19 | 21 46 | 0 7 | 21 16 | 0 48 | 15 17 | 8 5 | 23 23 | 23 23 | 22 59 | 5 52 | 5 47 |
| M 4 | 16 20 | 7 43 | 4 25 | 10 12 | 0n 4 | 5 36 | 1 17 | 22 50 | 0 44 | 3 28 | 1 5 | 21 23 | 0 19 | 21 47 | 0 7 | 21 16 | 0 48 | 15 17 | 8 5 | 23 23 | 23 22 | 23 0 | 5 51 | 5 46 |
| T 5 | 16 2 | 2 21 | 4 55 | 9 36 | 0 19 | 5 5 | 1 15 | 22 44 | 0 45 | 3 23 | 1 5 | 21 22 | 0 19 | 21 47 | 0 7 | 21 17 | 0 48 | 15 17 | 8 5 | 23 23 | 23 22 | 23 0 | 5 50 | 5 46 |
| W 6 | 15 43 | 2n59 | 5 7 | 9 2 | 0 34 | 4 34 | 1 13 | 22 38 | 0 46 | 3 18 | 1 5 | 21 21 | 0 19 | 21 47 | 0 7 | 21 17 | 0 48 | 15 18 | 8 5 | 23 23 | 23 22 | 23 1 | 5 48 | 5 46 |
| T 7 | 15 25 | 8 2 | 5 4 | 8 30 | 0 50 | 4 4 | 1 10 | 22 32 | 0 46 | 3 12 | 1 5 | 21 20 | 0 19 | 21 47 | 0 7 | 21 17 | 0 48 | 15 18 | 8 4 | 23 23 | 23 22 | 23 1 | 5 47 | 5 46 |
| F 8 | 15 6 | 12 37 | 4 46 | 8 1 | 1 7 | 3 33 | 1 8 | 22 26 | 0 47 | 3 7 | 1 5 | 21 19 | 0 19 | 21 48 | 0 7 | 21 17 | 0 48 | 15 18 | 8 4 | 23 23 | 23 22 | 23 2 | 5 46 | 5 46 |
| S 9 | 14 47 | 16 34 | 4 15 | 7 35 | 1 24 | 3 1 | 1 6 | 22 19 | 0 47 | 3 2 | 1 5 | 21 18 | 0 19 | 21 48 | 0 7 | 21 17 | 0 48 | 15 18 | 8 4 | 23 23 | 23 22 | 23 2 | 5 44 | 5 46 |
| S 10 | 14 28 | 19 47 | 3 34 | 7 12 | 1 41 | 2 30 | 1 3 | 22 12 | 0 48 | 2 56 | 1 5 | 21 18 | 0 19 | 21 48 | 0 7 | 21 18 | 0 48 | 15 18 | 8 4 | 23 23 | 23 22 | 23 2 | 5 43 | 5 46 |
| M11 | 14 8 | 22 7 | 2 43 | 6 54 | 1 58 | 1 59 | 1 1 | 22 5 | 0 49 | 2 51 | 1 5 | 21 17 | 0 19 | 21 48 | 0 7 | 21 18 | 0 48 | 15 19 | 8 4 | 23 23 | 23 22 | 23 3 | 5 41 | 5 45 |
| T 12 | 13 49 | 23 29 | 1 46 | 6 40 | 2 14 | 1 28 | 0 58 | 21 58 | 0 49 | 2 46 | 1 4 | 21 16 | 0 19 | 21 49 | 0 7 | 21 18 | 0 48 | 15 19 | 8 3 | 23 23 | 23 22 | 23 3 | 5 40 | 5 45 |
| W13 | 13 29 | 23 48 | 0 45 | 6 31 | 2 30 | 0 56 | 0 55 | 21 50 | 0 50 | 2 40 | 1 4 | 21 15 | 0 19 | 21 49 | 0 7 | 21 18 | 0 48 | 15 19 | 8 3 | 23 23 | 23 22 | 23 4 | 5 38 | 5 45 |
| T 14 | 13 8 | 23 2 | 0s20 | 6 26 | 2 45 | 0 25 | 0 53 | 21 42 | 0 50 | 2 35 | 1 4 | 21 14 | 0 19 | 21 49 | 0 7 | 21 19 | 0 48 | 15 19 | 8 3 | 23 23 | 23 22 | 23 4 | 5 37 | 5 45 |
| F 15 | 12 48 | 21 10 | 1 24 | 6 26 | 2 59 | 0n 6 | 0 50 | 21 34 | 0 51 | 2 29 | 1 4 | 21 13 | 0 19 | 21 49 | 0 7 | 21 19 | 0 48 | 15 19 | 8 3 | 23 23 | 23 22 | 23 4 | 5 36 | 5 45 |
| S 16 | 12 27 | 18 17 | 2 25 | 6 31 | 3 11 | 0 38 | 0 47 | 21 26 | 0 52 | 2 24 | 1 4 | 21 12 | 0 19 | 21 50 | 0 7 | 21 19 | 0 48 | 15 19 | 8 3 | 23 23 | 23 22 | 23 5 | 5 34 | 5 45 |
| S 17 | 12 7 | 14 29 | 3 21 | 6 41 | 3 22 | 1 9 | 0 44 | 21 18 | 0 52 | 2 19 | 1 4 | 21 11 | 0 19 | 21 50 | 0 7 | 21 19 | 0 48 | 15 20 | 8 2 | 23 23 | 23 22 | 23 5 | 5 33 | 5 45 |
| M18 | 11 46 | 9 55 | 4 7 | 6 55 | 3 30 | 1 41 | 0 41 | 21 9 | 0 53 | 2 13 | 1 4 | 21 10 | 0 19 | 21 50 | 0 7 | 21 19 | 0 48 | 15 20 | 8 2 | 23 23 | 23 22 | 23 6 | 5 31 | 5 45 |
| T 19 | 11 24 | 4 49 | 4 41 | 7 12 | 3 37 | 2 12 | 0 38 | 21 0 | 0 53 | 2 8 | 1 4 | 21 9 | 0 18 | 21 50 | 0 7 | 21 19 | 0 48 | 15 20 | 8 2 | 23 23 | 23 22 | 23 6 | 5 30 | 5 45 |
| W20 | 11 3 | 0s37 | 5 0 | 7 33 | 3 40 | 2 43 | 0 35 | 20 51 | 0 54 | 2 2 | 1 4 | 21 8 | 0 18 | 21 50 | 0 7 | 21 20 | 0 48 | 15 20 | 8 2 | 23 23 | 23 22 | 23 6 | 5 28 | 5 45 |
| T 21 | 10 41 | 6 6 | 5 2 | 7 56 | 3 42 | 3 15 | 0 32 | 20 41 | 0 54 | 1 56 | 1 4 | 21 7 | 0 18 | 21 51 | 0 7 | 21 20 | 0 47 | 15 20 | 8 2 | 23 22 | 23 22 | 23 7 | 5 27 | 5 45 |
| F 22 | 10 20 | 11 20 | 4 46 | 8 20 | 3 41 | 3 46 | 0 29 | 20 32 | 0 55 | 1 51 | 1 4 | 21 6 | 0 18 | 21 51 | 0 7 | 21 20 | 0 47 | 15 21 | 8 1 | 23 22 | 23 22 | 23 7 | 5 25 | 5 45 |
| S 23 | 9 58 | 16 0 | 4 13 | 8 46 | 3 38 | 4 17 | 0 25 | 20 22 | 0 55 | 1 45 | 1 4 | 21 5 | 0 18 | 21 51 | 0 7 | 21 20 | 0 47 | 15 21 | 8 1 | 23 22 | 23 21 | 23 7 | 5 24 | 5 45 |
| S 24 | 9 36 | 19 48 | 3 24 | 9 12 | 3 33 | 4 48 | 0 22 | 20 12 | 0 56 | 1 40 | 1 4 | 21 4 | 0 18 | 21 51 | 0 7 | 21 20 | 0 47 | 15 21 | 8 1 | 23 22 | 23 21 | 23 8 | 5 22 | 5 45 |
| M25 | 9 14 | 22 25 | 2 23 | 9 38 | 3 26 | 5 19 | 0 19 | 20 2 | 0 57 | 1 34 | 1 4 | 21 3 | 0 18 | 21 51 | 0 7 | 21 21 | 0 47 | 15 21 | 8 1 | 23 22 | 23 21 | 23 8 | 5 21 | 5 45 |
| T 26 | 8 51 | 23 38 | 1 13 | 10 4 | 3 17 | 5 50 | 0 15 | 19 51 | 0 57 | 1 29 | 1 4 | 21 2 | 0 18 | 21 51 | 0 7 | 21 21 | 0 47 | 15 21 | 8 1 | 23 22 | 23 21 | 23 8 | 5 19 | 5 45 |
| W27 | 8 29 | 23 21 | 0n 1 | 10 28 | 3 7 | 6 20 | 0 12 | 19 40 | 0 58 | 1 23 | 1 4 | 21 1 | 0 18 | 21 52 | 0 7 | 21 21 | 0 47 | 15 22 | 8 0 | 23 22 | 23 21 | 23 9 | 5 18 | 5 44 |
| T 28 | 8s 6 | 21s35 | 1n15 | 10s51 | 2n56 | 6n51 | 0s 8 | 19s30 | 0s58 | 1s17 | 1s 4 | 21s 0 | 0n18 | 21s52 | 0n 7 | 21n21 | 0s47 | 15n22 | 8s 0 | 23s22 | 23s21 | 23n 9 | 5s16 | 5n44 |

Julian Day Number = 2598403.5, Delta T = 08m45s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'42, Lahiri = 29°28'43


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## MARCH 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 35 4 | 10♓12'40 | 26♑ 6 | 23°R 6 | 19♈ 0 | 7♒28 | 29♓26 | 23♑52 | 10♐32 | 18°R21 | 27°R37 | 27°R48 | 26♐53 | 6♊56 | 2♓22 | F 1 |
| S 2 | 10 39 0 | 11°13'06 | 9♒59 | 22♒43 | 20°12 | 8°14 | 29°40 | 23°57 | 10°33 | 18♋20 | 27♊36 | 27♐42 | 26°50 | 7° 3 | 2°26 | S 2 |
| S 3 | 10 42 57 | 12°13'30 | 23°44 | 22°27 | 21°23 | 9° 0 | 29°55 | 24° 3 | 10°34 | 18°19 | 27°36 | 27°33 | 26°47 | 7°10 | 2°31 | S 3 |
| M 4 | 10 46 53 | 13°13'53 | 7♓17 | 22°19 | 22°34 | 9°46 | 0♈ 9 | 24° 8 | 10°35 | 18°18 | 27°36 | 27°22 | 26°44 | 7°16 | 2°35 | M 4 |
| T 5 | 10 50 50 | 14°14'14 | 20°36 | 22°D17 | 23°45 | 10°31 | 0°23 | 24°14 | 10°35 | 18°17 | 27°36 | 27° 9 | 26°41 | 7°23 | 2°40 | T 5 |
| W 6 | 10 54 46 | 15°14'33 | 3♈39 | 22°22 | 24°56 | 11°17 | 0°37 | 24°19 | 10°36 | 18°17 | 27°36 | 26°56 | 26°37 | 7°30 | 2°44 | W 6 |
| T 7 | 10 58 43 | 16°14'50 | 16°24 | 22°33 | 26° 7 | 12° 3 | 0°52 | 24°24 | 10°36 | 18°16 | 27°36 | 26°44 | 26°34 | 7°36 | 2°48 | T 7 |
| F 8 | 11 2 40 | 17°15'06 | 28°52 | 22°50 | 27°18 | 12°49 | 1° 6 | 24°29 | 10°37 | 18°15 | 27°35 | 26°33 | 26°31 | 7°43 | 2°53 | F 8 |
| S 9 | 11 6 36 | 18°15'19 | 11♉ 4 | 23°12 | 28°28 | 13°35 | 1°20 | 24°35 | 10°37 | 18°14 | 27°35 | 26°26 | 26°28 | 7°50 | 2°57 | S 9 |
| S 10 | 11 10 33 | 19°15'31 | 23° 3 | 23°40 | 29°39 | 14°21 | 1°35 | 24°40 | 10°37 | 18°14 | 27°35 | 26°21 | 26°25 | 7°56 | 3° 1 | S 10 |
| M11 | 11 14 29 | 20°15'41 | 4♊54 | 24°12 | 0♉49 | 15° 7 | 1°49 | 24°45 | 10°38 | 18°13 | 27°35 | 26°18 | 26°22 | 8° 3 | 3° 5 | M11 |
| T 12 | 11 18 26 | 21°15'48 | 16°42 | 24°49 | 1°59 | 15°53 | 2° 4 | 24°50 | 10°38 | 18°13 | 27°D35 | 26°17 | 26°18 | 8°10 | 3°10 | T 12 |
| W13 | 11 22 22 | 22°15'54 | 28°32 | 25°30 | 3°10 | 16°39 | 2°18 | 24°54 | 10°38 | 18°12 | 27°35 | 26°17 | 26°15 | 8°16 | 3°14 | W13 |
| T 14 | 11 26 19 | 23°15'58 | 10♋29 | 26°15 | 4°20 | 17°25 | 2°32 | 24°59 | 10°38 | 18°11 | 27°35 | 26°17 | 26°12 | 8°23 | 3°18 | T 14 |
| F 15 | 11 30 15 | 24°15'59 | 22°40 | 27° 3 | 5°29 | 18°11 | 2°47 | 25° 4 | 10°38 | 18°11 | 27°35 | 26°15 | 26° 9 | 8°29 | 3°22 | F 15 |
| S 16 | 11 34 12 | 25°15'58 | 5♌ 8 | 27°55 | 6°39 | 18°57 | 3° 1 | 25° 9 | 10°R38 | 18°10 | 27°35 | 26°11 | 26° 6 | 8°36 | 3°27 | S 16 |
| S 17 | 11 38 9 | 26°15'55 | 17°58 | 28°49 | 7°49 | 19°43 | 3°16 | 25°13 | 10°38 | 18°10 | 27°36 | 26° 4 | 26° 3 | 8°43 | 3°31 | S 17 |
| M18 | 11 42 5 | 27°15'50 | 1♍12 | 29°47 | 8°58 | 20°29 | 3°30 | 25°18 | 10°38 | 18°10 | 27°36 | 25°54 | 25°59 | 8°49 | 3°35 | M18 |
| T 19 | 11 46 2 | 28°15'43 | 14°49 | 0♓47 | 10° 7 | 21°15 | 3°45 | 25°22 | 10°38 | 18° 9 | 27°36 | 25°42 | 25°56 | 8°56 | 3°39 | T 19 |
| W20 | 11 49 58 | 29°15'34 | 28°47 | 1°50 | 11°16 | 22° 1 | 3°59 | 25°26 | 10°38 | 18° 9 | 27°36 | 25°30 | 25°53 | 9° 3 | 3°43 | W20 |
| T 21 | 11 53 55 | 0♈15'23 | 13♎ 1 | 2°56 | 12°25 | 22°47 | 4°14 | 25°31 | 10°37 | 18° 9 | 27°36 | 25°18 | 25°50 | 9° 9 | 3°47 | T 21 |
| F 22 | 11 57 51 | 1°15'11 | 27°27 | 4° 4 | 13°34 | 23°33 | 4°28 | 25°35 | 10°37 | 18° 8 | 27°36 | 25° 7 | 25°47 | 9°16 | 3°51 | F 22 |
| S 23 | 12 1 48 | 2°14'56 | 11♏56 | 5°14 | 14°43 | 24°19 | 4°43 | 25°39 | 10°37 | 18° 8 | 27°37 | 24°59 | 25°43 | 9°23 | 3°55 | S 23 |
| S 24 | 12 5 44 | 3°14'40 | 26°24 | 6°25 | 15°51 | 25° 5 | 4°58 | 25°43 | 10°36 | 18° 8 | 27°37 | 24°55 | 25°40 | 9°29 | 3°59 | S 24 |
| M25 | 12 9 41 | 4°14'22 | 10♐46 | 7°39 | 16°59 | 25°51 | 5°12 | 25°47 | 10°36 | 18° 8 | 27°37 | 24°52 | 25°37 | 9°36 | 4° 3 | M25 |
| T 26 | 12 13 38 | 5°14'02 | 24°58 | 8°55 | 18° 7 | 26°38 | 5°27 | 25°51 | 10°35 | 18° 8 | 27°37 | 24°D52 | 25°34 | 9°43 | 4° 7 | T 26 |
| W27 | 12 17 34 | 6°13'41 | 9♑ 0 | 10°13 | 19°15 | 27°24 | 5°41 | 25°55 | 10°35 | 18° 8 | 27°38 | 24°R52 | 25°31 | 9°49 | 4°11 | W27 |
| T 28 | 12 21 31 | 7°13'18 | 22°52 | 11°32 | 20°23 | 28°10 | 5°56 | 25°58 | 10°34 | 18° 7 | 27°38 | 24°51 | 25°28 | 9°56 | 4°15 | T 28 |
| F 29 | 12 25 27 | 8°12'54 | 6♒33 | 12°53 | 21°31 | 28°56 | 6°10 | 26° 2 | 10°33 | 18°D 7 | 27°39 | 24°48 | 25°24 | 10° 3 | 4°19 | F 29 |
| S 30 | 12 29 24 | 9°12'27 | 20° 3 | 14°16 | 22°38 | 29°43 | 6°25 | 26° 6 | 10°33 | 18° 7 | 27°39 | 24°43 | 25°21 | 10° 9 | 4°23 | S 30 |
| S 31 | 12 33 20 | 10♈11'59 | 3♓23 | 15♓40 | 23♉45 | 0♓29 | 6♈39 | 26♑ 9 | 10♐32 | 18♋ 7 | 27♊39 | 24♐35 | 25♐18 | 10♊16 | 4♓26 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 7s43 | 18s31 | 2n24 | 11s12 | 2n44 | 7n21 | 0s 5 | 19s19 | 0s59 | 1s12 | 1s 3 | 20s59 | 0n18 | 21s52 | 0n 7 | 21n21 | 0s47 | 15n22 | 8s 0 | 23s22 | 23s21 | 23n 9 | 5s15 | 5n44 |
| S 2 | 7 21 | 14 26 | 3 24 | 11 32 | 2 31 | 7 52 | 0 1 | 19 7 | 0 59 | 1 6 | 1 3 | 20 59 | 0 18 | 21 52 | 0 7 | 21 21 | 0 47 | 15 22 | 8 0 | 23 22 | 23 21 | 23 10 | 5 13 | 5 44 |
| S 3 | 6 58 | 9 38 | 4 11 | 11 49 | 2 18 | 8 22 | 0n 3 | 18 56 | 1 0 | 1 0 | 1 3 | 20 58 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 23 | 7 59 | 23 22 | 23 21 | 23 10 | 5 11 | 5 44 |
| M 4 | 6 35 | 4 26 | 4 43 | 12 5 | 2 5 | 8 52 | 0 6 | 18 44 | 1 0 | 0 55 | 1 3 | 20 57 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 23 | 7 59 | 23 22 | 23 21 | 23 10 | 5 10 | 5 44 |
| T 5 | 6 11 | 0n52 | 4 59 | 12 18 | 1 51 | 9 22 | 0 10 | 18 32 | 1 1 | 0 49 | 1 3 | 20 56 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 23 | 7 59 | 23 21 | 23 21 | 23 11 | 5 8 | 5 44 |
| W 6 | 5 48 | 6 1 | 4 59 | 12 29 | 1 38 | 9 51 | 0 14 | 18 20 | 1 1 | 0 43 | 1 3 | 20 55 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 23 | 7 59 | 23 21 | 23 21 | 23 11 | 5 7 | 5 45 |
| T 7 | 5 25 | 10 48 | 4 44 | 12 38 | 1 24 | 10 20 | 0 18 | 18 8 | 1 2 | 0 38 | 1 3 | 20 54 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 23 | 7 59 | 23 21 | 23 21 | 23 11 | 5 5 | 5 45 |
| F 8 | 5 2 | 15 1 | 4 15 | 12 46 | 1 11 | 10 50 | 0 22 | 17 56 | 1 2 | 0 32 | 1 3 | 20 53 | 0 18 | 21 52 | 0 7 | 21 22 | 0 47 | 15 24 | 7 58 | 23 21 | 23 20 | 23 11 | 5 4 | 5 45 |
| S 9 | 4 38 | 18 31 | 3 35 | 12 51 | 0 58 | 11 18 | 0 26 | 17 43 | 1 3 | 0 26 | 1 3 | 20 52 | 0 18 | 21 53 | 0 7 | 21 22 | 0 47 | 15 24 | 7 58 | 23 20 | 23 20 | 23 12 | 5 2 | 5 45 |
| S 10 | 4 15 | 21 11 | 2 46 | 12 54 | 0 45 | 11 47 | 0 29 | 17 30 | 1 3 | 0 20 | 1 3 | 20 52 | 0 17 | 21 53 | 0 7 | 21 22 | 0 47 | 15 24 | 7 58 | 23 20 | 23 20 | 23 12 | 5 1 | 5 45 |
| M11 | 3 51 | 22 53 | 1 51 | 12 55 | 0 32 | 12 15 | 0 33 | 17 17 | 1 4 | 0 15 | 1 3 | 20 51 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 24 | 7 58 | 23 20 | 23 20 | 23 12 | 4 59 | 5 45 |
| T 12 | 3 27 | 23 34 | 0 51 | 12 54 | 0 20 | 12 43 | 0 37 | 17 4 | 1 4 | 0 9 | 1 3 | 20 50 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 25 | 7 57 | 23 20 | 23 20 | 23 12 | 4 57 | 5 45 |
| W13 | 3 4 | 23 11 | 0s12 | 12 52 | 0 8 | 13 11 | 0 41 | 16 51 | 1 5 | 0 3 | 1 3 | 20 49 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 25 | 7 57 | 23 20 | 23 20 | 23 13 | 4 56 | 5 45 |
| T 14 | 2 40 | 21 44 | 1 15 | 12 47 | 0s 3 | 13 39 | 0 45 | 16 37 | 1 5 | 0n 3 | 1 3 | 20 48 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 25 | 7 57 | 23 20 | 23 20 | 23 13 | 4 54 | 5 45 |
| F 15 | 2 16 | 19 16 | 2 15 | 12 41 | 0 14 | 14 6 | 0 49 | 16 24 | 1 6 | 0 8 | 1 3 | 20 47 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 25 | 7 57 | 23 20 | 23 20 | 23 13 | 4 53 | 5 45 |
| S 16 | 1 53 | 15 52 | 3 10 | 12 34 | 0 25 | 14 33 | 0 53 | 16 10 | 1 6 | 0 14 | 1 3 | 20 47 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 25 | 7 57 | 23 20 | 23 20 | 23 13 | 4 51 | 5 45 |
| S 17 | 1 29 | 11 38 | 3 57 | 12 24 | 0 35 | 14 59 | 0 57 | 15 56 | 1 7 | 0 20 | 1 3 | 20 46 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 26 | 7 56 | 23 20 | 23 20 | 23 13 | 4 50 | 5 45 |
| M18 | 1 5 | 6 46 | 4 33 | 12 13 | 0 45 | 15 26 | 1 2 | 15 42 | 1 7 | 0 26 | 1 3 | 20 45 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 26 | 7 56 | 23 19 | 23 20 | 23 14 | 4 48 | 5 45 |
| T 19 | 0 41 | 1 26 | 4 55 | 12 1 | 0 54 | 15 51 | 1 6 | 15 27 | 1 8 | 0 31 | 1 3 | 20 44 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 26 | 7 56 | 23 19 | 23 19 | 23 14 | 4 47 | 5 45 |
| W20 | 0 18 | 4s 6 | 5 0 | 11 46 | 1 3 | 16 17 | 1 10 | 15 13 | 1 8 | 0 37 | 1 3 | 20 44 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 26 | 7 56 | 23 19 | 23 19 | 23 14 | 4 45 | 5 45 |
| T 21 | 0n 6 | 9 32 | 4 46 | 11 31 | 1 11 | 16 42 | 1 14 | 14 58 | 1 9 | 0 43 | 1 3 | 20 43 | 0 17 | 21 53 | 0 7 | 21 23 | 0 47 | 15 27 | 7 55 | 23 18 | 23 19 | 23 14 | 4 44 | 5 45 |
| F 22 | 0 30 | 14 30 | 4 15 | 11 14 | 1 19 | 17 7 | 1 18 | 14 44 | 1 9 | 0 49 | 1 3 | 20 42 | 0 17 | 21 53 | 0 7 | 21 24 | 0 47 | 15 27 | 7 55 | 23 18 | 23 19 | 23 14 | 4 42 | 5 46 |
| S 23 | 0 54 | 18 39 | 3 26 | 10 55 | 1 27 | 17 31 | 1 22 | 14 29 | 1 10 | 0 54 | 1 3 | 20 41 | 0 17 | 21 53 | 0 7 | 21 24 | 0 46 | 15 27 | 7 55 | 23 18 | 23 19 | 23 15 | 4 40 | 5 46 |
| S 24 | 1 17 | 21 39 | 2 25 | 10 35 | 1 34 | 17 55 | 1 26 | 14 14 | 1 10 | 1 0 | 1 3 | 20 41 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 27 | 7 55 | 23 17 | 23 19 | 23 15 | 4 39 | 5 46 |
| M25 | 1 41 | 23 14 | 1 14 | 10 14 | 1 40 | 18 19 | 1 30 | 13 59 | 1 10 | 1 6 | 1 3 | 20 40 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 27 | 7 55 | 23 17 | 23 19 | 23 15 | 4 37 | 5 46 |
| T 26 | 2 5 | 23 17 | 0n 1 | 9 51 | 1 47 | 18 42 | 1 34 | 13 43 | 1 11 | 1 11 | 1 3 | 20 39 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 28 | 7 54 | 23 17 | 23 19 | 23 15 | 4 36 | 5 46 |
| W27 | 2 28 | 21 51 | 1 14 | 9 27 | 1 52 | 19 4 | 1 38 | 13 28 | 1 11 | 1 17 | 1 3 | 20 39 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 28 | 7 54 | 23 17 | 23 19 | 23 15 | 4 34 | 5 46 |
| T 28 | 2 52 | 19 7 | 2 23 | 9 2 | 1 58 | 19 27 | 1 42 | 13 12 | 1 12 | 1 23 | 1 3 | 20 38 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 28 | 7 54 | 23 17 | 23 19 | 23 15 | 4 33 | 5 46 |
| F 29 | 3 15 | 15 20 | 3 22 | 8 36 | 2 3 | 19 49 | 1 46 | 12 57 | 1 12 | 1 29 | 1 3 | 20 37 | 0 17 | 21 52 | 0 7 | 21 24 | 0 46 | 15 28 | 7 54 | 23 17 | 23 18 | 23 16 | 4 31 | 5 46 |
| S 30 | 3 39 | 10 50 | 4 9 | 8 8 | 2 7 | 20 10 | 1 50 | 12 41 | 1 13 | 1 34 | 1 3 | 20 37 | 0 16 | 21 52 | 0 7 | 21 24 | 0 46 | 15 29 | 7 53 | 23 17 | 23 18 | 23 16 | 4 30 | 5 47 |
| S 31 | 4n 2 | 5s52 | 4n41 | 7s39 | 2s11 | 20n31 | 1n54 | 12s25 | 1s13 | 1n40 | 1s 3 | 20s36 | 0n16 | 21s52 | 0n 7 | 21n24 | 0s46 | 15n29 | 7s53 | 23s17 | 23s18 | 23n16 | 4s28 | 5n47 |

Julian Day Number = 2598431.5, Delta T = 08m45s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'45, Lahiri = 29°28'47


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## APRIL 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 37 17 | 11♈11'29 | 16♓32 | 17♓ 6 | 24♉52 | 1♓15 | 6♈54 | 26♊13 | 10°R31 | 18♋ 8 | 27♊40 | 24°R24 | 25♐15 | 10♊23 | 4♓30 | M 1 |
| T 2 | 12 41 13 | 12°10'57 | 29°29 | 18°34 | 25°59 | 2° 1 | 7° 8 | 26°16 | 10♐30 | 18° 8 | 27°40 | 24♐12 | 25°12 | 10°29 | 4°34 | T 2 |
| W 3 | 12 45 10 | 13°10'23 | 12♈13 | 20° 3 | 27° 5 | 2°48 | 7°23 | 26°19 | 10°29 | 18° 8 | 27°41 | 23°59 | 25° 8 | 10°36 | 4°37 | W 3 |
| T 4 | 12 49 7 | 14° 9'47 | 24°44 | 21°33 | 28°12 | 3°34 | 7°37 | 26°22 | 10°28 | 18° 8 | 27°41 | 23°47 | 25° 5 | 10°42 | 4°41 | T 4 |
| F 5 | 12 53 3 | 15° 9'09 | 7♉ 2 | 23° 5 | 29°18 | 4°20 | 7°52 | 26°25 | 10°27 | 18° 8 | 27°42 | 23°37 | 25° 2 | 10°49 | 4°45 | F 5 |
| S 6 | 12 57 0 | 16° 8'28 | 19° 8 | 24°38 | 0♊24 | 5° 7 | 8° 6 | 26°28 | 10°26 | 18° 8 | 27°42 | 23°29 | 24°59 | 10°56 | 4°48 | S 6 |
| S 7 | 13 0 56 | 17° 7'46 | 1♊ 4 | 26°13 | 1°30 | 5°53 | 8°21 | 26°31 | 10°25 | 18° 9 | 27°43 | 23°24 | 24°56 | 11° 2 | 4°52 | S 7 |
| M 8 | 13 4 53 | 18° 7'02 | 12°53 | 27°49 | 2°35 | 6°39 | 8°35 | 26°34 | 10°24 | 18° 9 | 27°43 | 23°21 | 24°53 | 11° 9 | 4°55 | M 8 |
| T 9 | 13 8 49 | 19° 6'15 | 24°40 | 29°26 | 3°40 | 7°25 | 8°50 | 26°37 | 10°23 | 18° 9 | 27°44 | 23°D21 | 24°49 | 11°16 | 4°59 | T 9 |
| W10 | 13 12 46 | 20° 5'26 | 6♋29 | 1♈ 5 | 4°45 | 8°12 | 9° 4 | 26°39 | 10°22 | 18°10 | 27°45 | 23°21 | 24°46 | 11°22 | 5° 2 | W10 |
| T 11 | 13 16 42 | 21° 4'35 | 18°25 | 2°46 | 5°50 | 8°58 | 9°18 | 26°42 | 10°20 | 18°10 | 27°45 | 23°R22 | 24°43 | 11°29 | 5° 6 | T 11 |
| F 12 | 13 20 39 | 22° 3'41 | 0♌34 | 4°28 | 6°54 | 9°44 | 9°33 | 26°44 | 10°19 | 18°11 | 27°46 | 23°21 | 24°40 | 11°36 | 5° 9 | F 12 |
| S 13 | 13 24 36 | 23° 2'46 | 13° 2 | 6°11 | 7°58 | 10°31 | 9°47 | 26°46 | 10°17 | 18°11 | 27°47 | 23°19 | 24°37 | 11°42 | 5°12 | S 13 |
| S 14 | 13 28 32 | 24° 1'47 | 25°52 | 7°56 | 9° 2 | 11°17 | 10° 2 | 26°49 | 10°16 | 18°12 | 27°47 | 23°15 | 24°34 | 11°49 | 5°16 | S 14 |
| M15 | 13 32 29 | 25° 0'47 | 9♍ 8 | 9°42 | 10° 6 | 12° 3 | 10°16 | 26°51 | 10°15 | 18°12 | 27°48 | 23° 9 | 24°30 | 11°56 | 5°19 | M15 |
| T 16 | 13 36 25 | 25°59'44 | 22°52 | 11°29 | 11° 9 | 12°50 | 10°30 | 26°53 | 10°13 | 18°13 | 27°49 | 23° 1 | 24°27 | 12° 2 | 5°22 | T 16 |
| W17 | 13 40 22 | 26°58'39 | 7♎ 1 | 13°19 | 12°12 | 13°36 | 10°44 | 26°55 | 10°11 | 18°13 | 27°49 | 22°52 | 24°24 | 12° 9 | 5°25 | W17 |
| T 18 | 13 44 18 | 27°57'32 | 21°32 | 15° 9 | 13°15 | 14°22 | 10°59 | 26°57 | 10°10 | 18°14 | 27°50 | 22°43 | 24°21 | 12°16 | 5°28 | T 18 |
| F 19 | 13 48 15 | 28°56'23 | 6♏19 | 17° 1 | 14°17 | 15° 9 | 11°13 | 26°58 | 10° 8 | 18°15 | 27°51 | 22°35 | 24°18 | 12°22 | 5°31 | F 19 |
| S 20 | 13 52 11 | 29°55'13 | 21°12 | 18°55 | 15°19 | 15°55 | 11°27 | 27° 0 | 10° 7 | 18°15 | 27°52 | 22°29 | 24°14 | 12°29 | 5°34 | S 20 |
| S 21 | 13 56 8 | 0♉54'00 | 6♐ 5 | 20°50 | 16°21 | 16°41 | 11°41 | 27° 2 | 10° 5 | 18°16 | 27°53 | 22°26 | 24°11 | 12°35 | 5°37 | S 21 |
| M22 | 14 0 4 | 1°52'46 | 20°49 | 22°47 | 17°22 | 17°27 | 11°55 | 27° 3 | 10° 3 | 18°17 | 27°54 | 22°D25 | 24° 8 | 12°42 | 5°40 | M22 |
| T 23 | 14 4 1 | 2°51'29 | 5♑19 | 24°45 | 18°23 | 18°14 | 12° 9 | 27° 4 | 10° 1 | 18°18 | 27°54 | 22°26 | 24° 5 | 12°49 | 5°43 | T 23 |
| W24 | 14 7 58 | 3°50'12 | 19°32 | 26°45 | 19°23 | 19° 0 | 12°23 | 27° 6 | 10° 0 | 18°18 | 27°55 | 22°27 | 24° 2 | 12°55 | 5°46 | W24 |
| T 25 | 14 11 54 | 4°48'52 | 3♒26 | 28°46 | 20°23 | 19°46 | 12°37 | 27° 7 | 9°58 | 18°19 | 27°56 | 22°R27 | 23°59 | 13° 2 | 5°49 | T 25 |
| F 26 | 14 15 51 | 5°47'31 | 17° 3 | 0♉48 | 21°23 | 20°33 | 12°51 | 27° 8 | 9°56 | 18°20 | 27°57 | 22°27 | 23°55 | 13° 9 | 5°51 | F 26 |
| S 27 | 14 19 47 | 6°46'08 | 0♓23 | 2°52 | 22°23 | 21°19 | 13° 5 | 27° 9 | 9°54 | 18°21 | 27°58 | 22°24 | 23°52 | 13°15 | 5°54 | S 27 |
| S 28 | 14 23 44 | 7°44'44 | 13°27 | 4°57 | 23°21 | 22° 5 | 13°19 | 27°10 | 9°52 | 18°22 | 27°59 | 22°20 | 23°49 | 13°22 | 5°57 | S 28 |
| M29 | 14 27 40 | 8°43'18 | 26°17 | 7° 3 | 24°20 | 22°51 | 13°33 | 27°11 | 9°50 | 18°23 | 28° 0 | 22°14 | 23°46 | 13°29 | 5°59 | M29 |
| T 30 | 14 31 37 | 9♉41'50 | 8♈54 | 9♉10 | 25♊18 | 23♓38 | 13♈47 | 27♊11 | 9♐48 | 18♋24 | 28♊ 1 | 22♐ 6 | 23♐43 | 13♊35 | 6♓ 2 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n25 | 0s43 | 4n59 | 7s 9 | 2s14 | 20n51 | 1n58 | 12s 9 | 1s13 | 1n46 | 1s 3 | 20s36 | 0n16 | 21s52 | 0n 7 | 21n24 | 0s46 | 15n29 | 7s53 | 23s16 | 23s18 | 23n16 | 4s27 | 5n47 |
| T 2 | 4 48 | 4n23 | 5 0 | 6 37 | 2 17 | 21 11 | 2 2 | 11 53 | 1 14 | 1 52 | 1 3 | 20 35 | 0 16 | 21 52 | 0 7 | 21 24 | 0 46 | 15 29 | 7 53 | 23 16 | 23 18 | 23 16 | 4 25 | 5 47 |
| W 3 | 5 11 | 9 13 | 4 47 | 6 5 | 2 20 | 21 30 | 2 6 | 11 36 | 1 14 | 1 57 | 1 3 | 20 35 | 0 16 | 21 52 | 0 7 | 21 24 | 0 46 | 15 29 | 7 53 | 23 15 | 23 18 | 23 16 | 4 24 | 5 47 |
| T 4 | 5 34 | 13 35 | 4 19 | 5 31 | 2 22 | 21 49 | 2 10 | 11 20 | 1 14 | 2 3 | 1 3 | 20 34 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 30 | 7 52 | 23 14 | 23 18 | 23 16 | 4 22 | 5 47 |
| F 5 | 5 57 | 17 18 | 3 40 | 4 56 | 2 24 | 22 8 | 2 14 | 11 4 | 1 15 | 2 9 | 1 3 | 20 33 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 30 | 7 52 | 23 14 | 23 18 | 23 16 | 4 21 | 5 48 |
| S 6 | 6 20 | 20 13 | 2 52 | 4 21 | 2 25 | 22 26 | 2 17 | 10 47 | 1 15 | 2 14 | 1 3 | 20 33 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 30 | 7 52 | 23 14 | 23 18 | 23 16 | 4 19 | 5 48 |
| S 7 | 6 43 | 22 13 | 1 56 | 3 44 | 2 25 | 22 43 | 2 21 | 10 30 | 1 16 | 2 20 | 1 3 | 20 32 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 30 | 7 52 | 23 13 | 23 17 | 23 17 | 4 18 | 5 48 |
| M 8 | 7 5 | 23 13 | 0 56 | 3 6 | 2 26 | 23 0 | 2 25 | 10 14 | 1 16 | 2 26 | 1 3 | 20 32 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 31 | 7 52 | 23 13 | 23 17 | 23 17 | 4 17 | 5 48 |
| T 9 | 7 28 | 23 10 | 0s 7 | 2 27 | 2 25 | 23 16 | 2 28 | 9 57 | 1 16 | 2 31 | 1 4 | 20 32 | 0 16 | 21 51 | 0 7 | 21 24 | 0 46 | 15 31 | 7 51 | 23 13 | 23 17 | 23 17 | 4 15 | 5 48 |
| W10 | 7 50 | 22 4 | 1 10 | 1 47 | 2 25 | 23 32 | 2 32 | 9 40 | 1 17 | 2 37 | 1 4 | 20 31 | 0 16 | 21 50 | 0 7 | 21 24 | 0 46 | 15 31 | 7 51 | 23 13 | 23 17 | 23 17 | 4 14 | 5 49 |
| T 11 | 8 12 | 19 59 | 2 10 | 1 6 | 2 23 | 23 47 | 2 36 | 9 23 | 1 17 | 2 42 | 1 4 | 20 31 | 0 16 | 21 50 | 0 7 | 21 24 | 0 46 | 15 31 | 7 51 | 23 13 | 23 17 | 23 17 | 4 12 | 5 49 |
| F 12 | 8 34 | 16 58 | 3 6 | 0 24 | 2 22 | 24 2 | 2 39 | 9 6 | 1 17 | 2 48 | 1 4 | 20 30 | 0 16 | 21 50 | 0 7 | 21 24 | 0 46 | 15 31 | 7 51 | 23 13 | 23 17 | 23 17 | 4 11 | 5 49 |
| S 13 | 8 56 | 13 8 | 3 54 | 0n19 | 2 19 | 24 16 | 2 42 | 8 48 | 1 18 | 2 54 | 1 4 | 20 30 | 0 16 | 21 50 | 0 7 | 21 24 | 0 46 | 15 32 | 7 51 | 23 13 | 23 17 | 23 17 | 4 10 | 5 49 |
| S 14 | 9 18 | 8 36 | 4 32 | 1 3 | 2 17 | 24 29 | 2 46 | 8 31 | 1 18 | 2 59 | 1 4 | 20 29 | 0 16 | 21 50 | 0 7 | 21 24 | 0 46 | 15 32 | 7 50 | 23 13 | 23 17 | 23 17 | 4 8 | 5 49 |
| M15 | 9 40 | 3 32 | 4 57 | 1 47 | 2 14 | 24 42 | 2 49 | 8 14 | 1 18 | 3 5 | 1 4 | 20 29 | 0 16 | 21 49 | 0 7 | 21 24 | 0 46 | 15 32 | 7 50 | 23 13 | 23 16 | 23 17 | 4 7 | 5 50 |
| T 16 | 10 1 | 1s51 | 5 6 | 2 33 | 2 10 | 24 55 | 2 52 | 7 56 | 1 18 | 3 10 | 1 4 | 20 29 | 0 16 | 21 49 | 0 7 | 21 24 | 0 46 | 15 32 | 7 50 | 23 12 | 23 16 | 23 17 | 4 5 | 5 50 |
| W17 | 10 22 | 7 19 | 4 56 | 3 19 | 2 6 | 25 6 | 2 55 | 7 39 | 1 19 | 3 16 | 1 4 | 20 28 | 0 16 | 21 49 | 0 7 | 21 24 | 0 46 | 15 32 | 7 50 | 23 12 | 23 16 | 23 17 | 4 4 | 5 50 |
| T 18 | 10 44 | 12 31 | 4 28 | 4 6 | 2 1 | 25 17 | 2 59 | 7 21 | 1 19 | 3 21 | 1 4 | 20 28 | 0 16 | 21 49 | 0 7 | 21 24 | 0 46 | 15 33 | 7 50 | 23 11 | 23 16 | 23 17 | 4 3 | 5 50 |
| F 19 | 11 4 | 17 5 | 3 42 | 4 54 | 1 56 | 25 28 | 3 2 | 7 4 | 1 19 | 3 27 | 1 4 | 20 28 | 0 15 | 21 49 | 0 7 | 21 24 | 0 46 | 15 33 | 7 49 | 23 11 | 23 16 | 23 17 | 4 2 | 5 51 |
| S 20 | 11 25 | 20 35 | 2 40 | 5 42 | 1 50 | 25 38 | 3 4 | 6 46 | 1 20 | 3 32 | 1 4 | 20 28 | 0 15 | 21 48 | 0 7 | 21 24 | 0 45 | 15 33 | 7 49 | 23 10 | 23 16 | 23 17 | 4 0 | 5 51 |
| S 21 | 11 46 | 22 42 | 1 27 | 6 31 | 1 44 | 25 48 | 3 7 | 6 28 | 1 20 | 3 38 | 1 4 | 20 27 | 0 15 | 21 48 | 0 7 | 21 24 | 0 45 | 15 33 | 7 49 | 23 10 | 23 16 | 23 17 | 3 59 | 5 51 |
| M22 | 12 6 | 23 13 | 0 9 | 7 20 | 1 37 | 25 56 | 3 10 | 6 10 | 1 20 | 3 43 | 1 4 | 20 27 | 0 15 | 21 48 | 0 7 | 21 24 | 0 45 | 15 33 | 7 49 | 23 10 | 23 15 | 23 17 | 3 58 | 5 51 |
| T 23 | 12 26 | 22 8 | 1n 9 | 8 10 | 1 30 | 26 5 | 3 13 | 5 53 | 1 20 | 3 48 | 1 4 | 20 27 | 0 15 | 21 48 | 0 7 | 21 23 | 0 45 | 15 34 | 7 49 | 23 10 | 23 15 | 23 17 | 3 56 | 5 52 |
| W24 | 12 46 | 19 39 | 2 21 | 9 1 | 1 22 | 26 12 | 3 15 | 5 35 | 1 21 | 3 54 | 1 4 | 20 27 | 0 15 | 21 47 | 0 7 | 21 23 | 0 45 | 15 34 | 7 48 | 23 10 | 23 15 | 23 17 | 3 55 | 5 52 |
| T 25 | 13 6 | 16 3 | 3 23 | 9 51 | 1 14 | 26 20 | 3 18 | 5 17 | 1 21 | 3 59 | 1 4 | 20 27 | 0 15 | 21 47 | 0 7 | 21 23 | 0 45 | 15 34 | 7 48 | 23 10 | 23 15 | 23 17 | 3 54 | 5 52 |
| F 26 | 13 25 | 11 41 | 4 12 | 10 42 | 1 6 | 26 26 | 3 20 | 4 59 | 1 21 | 4 4 | 1 5 | 20 26 | 0 15 | 21 47 | 0 7 | 21 23 | 0 45 | 15 34 | 7 48 | 23 10 | 23 15 | 23 17 | 3 53 | 5 52 |
| S 27 | 13 45 | 6 50 | 4 47 | 11 33 | 0 57 | 26 32 | 3 22 | 4 41 | 1 21 | 4 10 | 1 5 | 20 26 | 0 15 | 21 47 | 0 7 | 21 23 | 0 45 | 15 34 | 7 48 | 23 10 | 23 15 | 23 17 | 3 51 | 5 53 |
| S 28 | 14 4 | 1 48 | 5 5 | 12 24 | 0 47 | 26 37 | 3 24 | 4 23 | 1 21 | 4 15 | 1 5 | 20 26 | 0 15 | 21 46 | 0 7 | 21 23 | 0 45 | 15 35 | 7 48 | 23 10 | 23 15 | 23 17 | 3 50 | 5 53 |
| M29 | 14 23 | 3n14 | 5 8 | 13 15 | 0 38 | 26 42 | 3 26 | 4 5 | 1 22 | 4 20 | 1 5 | 20 26 | 0 15 | 21 46 | 0 7 | 21 23 | 0 45 | 15 35 | 7 47 | 23 10 | 23 14 | 23 17 | 3 49 | 5 53 |
| T 30 | 14n41 | 8n 3 | 4n56 | 14n 5 | 0s28 | 26n46 | 3n28 | 3s47 | 1s22 | 4n26 | 1s 5 | 20s26 | 0n15 | 21s46 | 0n 7 | 21n23 | 0s45 | 15n35 | 7s47 | 23s 9 | 23s14 | 23n17 | 3s48 | 5n53 |

Julian Day Number = 2598462.5, Delta T = 08m45s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'50, Lahiri = 29°28'51


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## MAY 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 35 33 | 10♉40'20 | 21♈20 | 11♉18 | 26♊16 | 24♓24 | 14♈ 0 | 27♑12 | 9°R46 | 18♋25 | 28♊ 2 | 21°R59 | 23♐40 | 13♊42 | 6♓ 4 | W 1 |
| T 2 | 14 39 30 | 11°38'49 | 3♉35 | 13°26 | 27°13 | 25°10 | 14°14 | 27°12 | 9♐44 | 18°26 | 28° 3 | 21♐51 | 23°36 | 13°49 | 6° 6 | T 2 |
| F 3 | 14 43 27 | 12°37'16 | 15°40 | 15°35 | 28° 9 | 25°56 | 14°28 | 27°13 | 9°42 | 18°27 | 28° 4 | 21°45 | 23°33 | 13°55 | 6° 9 | F 3 |
| S 4 | 14 47 23 | 13°35'41 | 27°37 | 17°44 | 29° 6 | 26°42 | 14°41 | 27°13 | 9°39 | 18°28 | 28° 5 | 21°41 | 23°30 | 14° 2 | 6°11 | S 4 |
| S 5 | 14 51 20 | 14°34'04 | 9♊28 | 19°52 | 0♋ 1 | 27°28 | 14°55 | 27°13 | 9°37 | 18°30 | 28° 6 | 21°38 | 23°27 | 14° 9 | 6°13 | S 5 |
| M 6 | 14 55 16 | 15°32'25 | 21°15 | 22° 1 | 0°56 | 28°15 | 15° 8 | 27°13 | 9°35 | 18°31 | 28° 7 | 21°D37 | 23°24 | 14°15 | 6°16 | M 6 |
| T 7 | 14 59 13 | 16°30'45 | 3♋ 2 | 24° 8 | 1°51 | 29° 1 | 15°22 | 27°R13 | 9°33 | 18°32 | 28° 8 | 21°38 | 23°20 | 14°22 | 6°18 | T 7 |
| W 8 | 15 3 9 | 17°29'02 | 14°51 | 26°15 | 2°45 | 29°47 | 15°35 | 27°13 | 9°31 | 18°33 | 28° 9 | 21°40 | 23°17 | 14°28 | 6°20 | W 8 |
| T 9 | 15 7 6 | 18°27'18 | 26°48 | 28°20 | 3°38 | 0♈33 | 15°49 | 27°13 | 9°28 | 18°34 | 28°10 | 21°41 | 23°14 | 14°35 | 6°22 | T 9 |
| F 10 | 15 11 2 | 19°25'31 | 8♌57 | 0♊23 | 4°30 | 1°19 | 16° 2 | 27°13 | 9°26 | 18°36 | 28°12 | 21°43 | 23°11 | 14°42 | 6°24 | F 10 |
| S 11 | 15 14 59 | 20°23'43 | 21°22 | 2°25 | 5°22 | 2° 5 | 16°15 | 27°12 | 9°24 | 18°37 | 28°13 | 21°R43 | 23° 8 | 14°48 | 6°26 | S 11 |
| S 12 | 15 18 56 | 21°21'52 | 4♍ 9 | 4°25 | 6°14 | 2°51 | 16°28 | 27°12 | 9°21 | 18°38 | 28°14 | 21°42 | 23° 5 | 14°55 | 6°27 | S 12 |
| M13 | 15 22 52 | 22°19'59 | 17°21 | 6°22 | 7° 4 | 3°37 | 16°42 | 27°11 | 9°19 | 18°40 | 28°15 | 21°40 | 23° 1 | 15° 2 | 6°29 | M13 |
| T 14 | 15 26 49 | 23°18'05 | 1♎ 1 | 8°16 | 7°54 | 4°23 | 16°55 | 27°11 | 9°17 | 18°41 | 28°16 | 21°37 | 22°58 | 15° 8 | 6°31 | T 14 |
| W15 | 15 30 45 | 24°16'08 | 15° 9 | 10° 8 | 8°43 | 5° 9 | 17° 8 | 27°10 | 9°14 | 18°43 | 28°17 | 21°34 | 22°55 | 15°15 | 6°33 | W15 |
| T 16 | 15 34 42 | 25°14'10 | 29°42 | 11°56 | 9°32 | 5°55 | 17°21 | 27° 9 | 9°12 | 18°44 | 28°19 | 21°30 | 22°52 | 15°22 | 6°34 | T 16 |
| F 17 | 15 38 38 | 26°12'10 | 14♏36 | 13°42 | 10°19 | 6°41 | 17°33 | 27° 8 | 9°10 | 18°46 | 28°20 | 21°26 | 22°49 | 15°28 | 6°36 | F 17 |
| S 18 | 15 42 35 | 27°10'09 | 29°42 | 15°24 | 11° 6 | 7°26 | 17°46 | 27° 7 | 9° 7 | 18°47 | 28°21 | 21°24 | 22°46 | 15°35 | 6°37 | S 18 |
| S 19 | 15 46 31 | 28° 8'06 | 14♐51 | 17° 3 | 11°51 | 8°12 | 17°59 | 27° 6 | 9° 5 | 18°49 | 28°22 | 21°D23 | 22°42 | 15°42 | 6°39 | S 19 |
| M20 | 15 50 28 | 29° 6'01 | 29°54 | 18°38 | 12°36 | 8°58 | 18°12 | 27° 5 | 9° 2 | 18°50 | 28°24 | 21°23 | 22°39 | 15°48 | 6°40 | M20 |
| T 21 | 15 54 25 | 0♊ 3'56 | 14♑43 | 20°10 | 13°20 | 9°44 | 18°24 | 27° 3 | 9° 0 | 18°52 | 28°25 | 21°24 | 22°36 | 15°55 | 6°41 | T 21 |
| W22 | 15 58 21 | 1° 1'48 | 29°13 | 21°38 | 14° 3 | 10°30 | 18°37 | 27° 2 | 8°57 | 18°53 | 28°26 | 21°25 | 22°33 | 16° 2 | 6°43 | W22 |
| T 23 | 16 2 18 | 1°59'40 | 13♒19 | 23° 3 | 14°45 | 11°15 | 18°49 | 27° 0 | 8°55 | 18°55 | 28°27 | 21°27 | 22°30 | 16° 8 | 6°44 | T 23 |
| F 24 | 16 6 14 | 2°57'31 | 27° 2 | 24°24 | 15°26 | 12° 1 | 19° 2 | 26°59 | 8°52 | 18°57 | 28°29 | 21°R27 | 22°26 | 16°15 | 6°45 | F 24 |
| S 25 | 16 10 11 | 3°55'20 | 10♓21 | 25°41 | 16° 6 | 12°47 | 19°14 | 26°57 | 8°50 | 18°58 | 28°30 | 21°27 | 22°23 | 16°21 | 6°46 | S 25 |
| S 26 | 16 14 7 | 4°53'08 | 23°20 | 26°55 | 16°44 | 13°32 | 19°26 | 26°55 | 8°47 | 19° 0 | 28°31 | 21°27 | 22°20 | 16°28 | 6°47 | S 26 |
| M27 | 16 18 4 | 5°50'55 | 6♈ 0 | 28° 4 | 17°22 | 14°18 | 19°39 | 26°53 | 8°45 | 19° 2 | 28°32 | 21°25 | 22°17 | 16°35 | 6°48 | M27 |
| T 28 | 16 22 0 | 6°48'41 | 18°25 | 29°10 | 17°58 | 15° 3 | 19°51 | 26°51 | 8°42 | 19° 4 | 28°34 | 21°23 | 22°14 | 16°41 | 6°49 | T 28 |
| W29 | 16 25 57 | 7°46'25 | 0♉37 | 0♋11 | 18°33 | 15°49 | 20° 3 | 26°49 | 8°40 | 19° 5 | 28°35 | 21°21 | 22°11 | 16°48 | 6°50 | W29 |
| T 30 | 16 29 54 | 8°44'09 | 12°40 | 1° 9 | 19° 7 | 16°34 | 20°15 | 26°47 | 8°37 | 19° 7 | 28°36 | 21°19 | 22° 7 | 16°55 | 6°51 | T 30 |
| F 31 | 16 33 50 | 9♊41'52 | 24♉35 | 2♋ 3 | 19♋39 | 17♈20 | 20♈26 | 26♑45 | 8♐35 | 19♋ 9 | 28♊38 | 21♐18 | 22♐ 4 | 17♊ 1 | 6♓51 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n 0 | 12n28 | 4n30 | 14n55 | 0s17 | 26n50 | 3n30 | 3s29 | 1s22 | 4n31 | 1s 5 | 20s26 | 0n15 | 21s45 | 0n 7 | 21n23 | 0s45 | 15n35 | 7s47 | 23s 9 | 23s14 | 23n17 | 3s47 | 5n54 |
| T 2 | 15 18 | 16 18 | 3 51 | 15 43 | 0 7 | 26 53 | 3 32 | 3 10 | 1 22 | 4 36 | 1 5 | 20 26 | 0 15 | 21 45 | 0 7 | 21 23 | 0 45 | 15 35 | 7 47 | 23 8 | 23 14 | 23 17 | 3 46 | 5 54 |
| F 3 | 15 36 | 19 25 | 3 3 | 16 32 | 0n 4 | 26 56 | 3 33 | 2 52 | 1 22 | 4 41 | 1 5 | 20 26 | 0 15 | 21 45 | 0 7 | 21 22 | 0 45 | 15 36 | 7 47 | 23 8 | 23 14 | 23 17 | 3 45 | 5 54 |
| S 4 | 15 53 | 21 39 | 2 7 | 17 18 | 0 14 | 26 58 | 3 35 | 2 34 | 1 22 | 4 46 | 1 5 | 20 26 | 0 15 | 21 44 | 0 7 | 21 22 | 0 45 | 15 36 | 7 47 | 23 8 | 23 14 | 23 17 | 3 43 | 5 55 |
| S 5 | 16 10 | 22 54 | 1 6 | 18 4 | 0 25 | 26 59 | 3 36 | 2 16 | 1 23 | 4 52 | 1 5 | 20 26 | 0 15 | 21 44 | 0 7 | 21 22 | 0 45 | 15 36 | 7 46 | 23 7 | 23 13 | 23 17 | 3 42 | 5 55 |
| M 6 | 16 27 | 23 8 | 0 2 | 18 48 | 0 35 | 27 0 | 3 37 | 1 58 | 1 23 | 4 57 | 1 5 | 20 26 | 0 15 | 21 44 | 0 7 | 21 22 | 0 45 | 15 36 | 7 46 | 23 7 | 23 13 | 23 16 | 3 41 | 5 55 |
| T 7 | 16 44 | 22 19 | 1s 2 | 19 30 | 0 46 | 27 0 | 3 38 | 1 40 | 1 23 | 5 2 | 1 5 | 20 26 | 0 14 | 21 43 | 0 7 | 21 22 | 0 45 | 15 36 | 7 46 | 23 7 | 23 13 | 23 16 | 3 40 | 5 55 |
| W 8 | 17 1 | 20 31 | 2 4 | 20 11 | 0 56 | 27 0 | 3 39 | 1 21 | 1 23 | 5 7 | 1 6 | 20 26 | 0 14 | 21 43 | 0 7 | 21 22 | 0 45 | 15 36 | 7 46 | 23 7 | 23 13 | 23 16 | 3 39 | 5 56 |
| T 9 | 17 17 | 17 47 | 3 1 | 20 49 | 1 6 | 27 0 | 3 39 | 1 3 | 1 23 | 5 12 | 1 6 | 20 26 | 0 14 | 21 43 | 0 7 | 21 22 | 0 45 | 15 37 | 7 46 | 23 8 | 23 13 | 23 16 | 3 38 | 5 56 |
| F 10 | 17 33 | 14 16 | 3 51 | 21 25 | 1 16 | 26 58 | 3 40 | 0 45 | 1 23 | 5 17 | 1 6 | 20 26 | 0 14 | 21 42 | 0 7 | 21 22 | 0 45 | 15 37 | 7 46 | 23 8 | 23 13 | 23 16 | 3 37 | 5 56 |
| S 11 | 17 48 | 10 4 | 4 31 | 21 59 | 1 25 | 26 57 | 3 40 | 0 27 | 1 23 | 5 22 | 1 6 | 20 26 | 0 14 | 21 42 | 0 7 | 21 21 | 0 45 | 15 37 | 7 46 | 23 8 | 23 13 | 23 16 | 3 36 | 5 57 |
| S 12 | 18 4 | 5 19 | 4 59 | 22 31 | 1 34 | 26 54 | 3 40 | 0 9 | 1 23 | 5 27 | 1 6 | 20 26 | 0 14 | 21 42 | 0 7 | 21 21 | 0 45 | 15 37 | 7 45 | 23 8 | 23 12 | 23 16 | 3 35 | 5 57 |
| M13 | 18 19 | 0 11 | 5 13 | 23 0 | 1 42 | 26 52 | 3 40 | 0n 9 | 1 23 | 5 32 | 1 6 | 20 27 | 0 14 | 21 41 | 0 7 | 21 21 | 0 45 | 15 37 | 7 45 | 23 8 | 23 12 | 23 16 | 3 34 | 5 57 |
| T 14 | 18 33 | 5s 8 | 5 10 | 23 26 | 1 49 | 26 49 | 3 40 | 0 28 | 1 23 | 5 37 | 1 6 | 20 27 | 0 14 | 21 41 | 0 7 | 21 21 | 0 45 | 15 37 | 7 45 | 23 7 | 23 12 | 23 16 | 3 33 | 5 58 |
| W15 | 18 48 | 10 23 | 4 48 | 23 50 | 1 56 | 26 45 | 3 40 | 0 46 | 1 23 | 5 41 | 1 6 | 20 27 | 0 14 | 21 41 | 0 7 | 21 21 | 0 45 | 15 38 | 7 45 | 23 7 | 23 12 | 23 15 | 3 32 | 5 58 |
| T 16 | 19 2 | 15 12 | 4 7 | 24 11 | 2 2 | 26 41 | 3 39 | 1 4 | 1 24 | 5 46 | 1 6 | 20 27 | 0 14 | 21 40 | 0 7 | 21 21 | 0 45 | 15 38 | 7 45 | 23 7 | 23 12 | 23 15 | 3 32 | 5 58 |
| F 17 | 19 16 | 19 11 | 3 9 | 24 30 | 2 8 | 26 37 | 3 38 | 1 22 | 1 24 | 5 51 | 1 7 | 20 28 | 0 14 | 21 40 | 0 7 | 21 20 | 0 45 | 15 38 | 7 45 | 23 7 | 23 12 | 23 15 | 3 31 | 5 59 |
| S 18 | 19 29 | 21 56 | 1 57 | 24 47 | 2 12 | 26 32 | 3 37 | 1 40 | 1 24 | 5 56 | 1 7 | 20 28 | 0 14 | 21 40 | 0 7 | 21 20 | 0 45 | 15 38 | 7 45 | 23 7 | 23 11 | 23 15 | 3 30 | 5 59 |
| S 19 | 19 42 | 23 7 | 0 36 | 25 1 | 2 16 | 26 27 | 3 36 | 1 58 | 1 24 | 6 1 | 1 7 | 20 28 | 0 14 | 21 39 | 0 7 | 21 20 | 0 45 | 15 38 | 7 44 | 23 6 | 23 11 | 23 15 | 3 29 | 5 59 |
| M20 | 19 55 | 22 36 | 0n47 | 25 12 | 2 19 | 26 21 | 3 35 | 2 16 | 1 24 | 6 5 | 1 7 | 20 28 | 0 14 | 21 39 | 0 7 | 21 20 | 0 45 | 15 38 | 7 44 | 23 6 | 23 11 | 23 15 | 3 28 | 5 59 |
| T 21 | 20 7 | 20 30 | 2 5 | 25 22 | 2 21 | 26 15 | 3 33 | 2 34 | 1 24 | 6 10 | 1 7 | 20 29 | 0 14 | 21 39 | 0 7 | 21 20 | 0 44 | 15 38 | 7 44 | 23 7 | 23 11 | 23 14 | 3 27 | 6 0 |
| W22 | 20 19 | 17 6 | 3 14 | 25 29 | 2 22 | 26 9 | 3 31 | 2 52 | 1 24 | 6 15 | 1 7 | 20 29 | 0 14 | 21 38 | 0 7 | 21 19 | 0 44 | 15 39 | 7 44 | 23 7 | 23 11 | 23 14 | 3 27 | 6 0 |
| T 23 | 20 31 | 12 48 | 4 9 | 25 34 | 2 22 | 26 2 | 3 29 | 3 10 | 1 24 | 6 19 | 1 7 | 20 29 | 0 14 | 21 38 | 0 6 | 21 19 | 0 44 | 15 39 | 7 44 | 23 7 | 23 10 | 23 14 | 3 26 | 6 0 |
| F 24 | 20 42 | 7 57 | 4 48 | 25 38 | 2 22 | 25 55 | 3 27 | 3 27 | 1 24 | 6 24 | 1 7 | 20 30 | 0 13 | 21 37 | 0 6 | 21 19 | 0 44 | 15 39 | 7 44 | 23 7 | 23 10 | 23 14 | 3 25 | 6 1 |
| S 25 | 20 53 | 2 52 | 5 10 | 25 39 | 2 20 | 25 48 | 3 24 | 3 45 | 1 23 | 6 28 | 1 8 | 20 30 | 0 13 | 21 37 | 0 6 | 21 19 | 0 44 | 15 39 | 7 44 | 23 7 | 23 10 | 23 14 | 3 25 | 6 1 |
| S 26 | 21 4 | 2n12 | 5 16 | 25 39 | 2 18 | 25 40 | 3 21 | 4 3 | 1 23 | 6 33 | 1 8 | 20 31 | 0 13 | 21 37 | 0 6 | 21 19 | 0 44 | 15 39 | 7 44 | 23 7 | 23 10 | 23 14 | 3 24 | 6 1 |
| M27 | 21 14 | 7 4 | 5 6 | 25 37 | 2 15 | 25 32 | 3 18 | 4 21 | 1 23 | 6 37 | 1 8 | 20 31 | 0 13 | 21 36 | 0 6 | 21 18 | 0 44 | 15 39 | 7 43 | 23 7 | 23 10 | 23 13 | 3 23 | 6 2 |
| T 28 | 21 24 | 11 33 | 4 42 | 25 33 | 2 10 | 25 24 | 3 15 | 4 38 | 1 23 | 6 42 | 1 8 | 20 31 | 0 13 | 21 36 | 0 6 | 21 18 | 0 44 | 15 39 | 7 43 | 23 6 | 23 10 | 23 13 | 3 23 | 6 2 |
| W29 | 21 33 | 15 29 | 4 5 | 25 28 | 2 5 | 25 15 | 3 11 | 4 56 | 1 23 | 6 46 | 1 8 | 20 32 | 0 13 | 21 36 | 0 6 | 21 18 | 0 44 | 15 40 | 7 43 | 23 6 | 23 9 | 23 13 | 3 22 | 6 2 |
| T 30 | 21 43 | 18 45 | 3 18 | 25 22 | 1 59 | 25 7 | 3 7 | 5 13 | 1 23 | 6 50 | 1 8 | 20 32 | 0 13 | 21 35 | 0 6 | 21 18 | 0 44 | 15 40 | 7 43 | 23 6 | 23 9 | 23 13 | 3 21 | 6 3 |
| F 31 | 21n51 | 21n11 | 2n23 | 25n14 | 1n52 | 24n58 | 3n 3 | 5n31 | 1s23 | 6n55 | 1s 8 | 20s33 | 0n13 | 21s35 | 0n 6 | 21n18 | 0s44 | 15n40 | 7s43 | 23s 6 | 23s 9 | 23n12 | 3s21 | 6n 3 |

Julian Day Number = 2598492.5, Delta T = 08m46s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'54, Lahiri = 29°28'55


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## JUNE 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 37 47 | 10♊39'33 | 6♊25 | 2♋52 | 20♋10 | 18♈ 5 | 20♈38 | 26°R43 | 8°R32 | 19♋11 | 28♊39 | 21°R17 | 22♐ 1 | 17♊ 8 | 6♓52 | S 1 |
| S 2 | 16 41 43 | 11°37'13 | 18°12 | 3°37 | 20°39 | 18°50 | 20°50 | 26♑40 | 8♐30 | 19°13 | 28°41 | 21°D16 | 21°58 | 17°15 | 6°52 | S 2 |
| M 3 | 16 45 40 | 12°34'52 | 29°59 | 4°18 | 21° 7 | 19°36 | 21° 1 | 26°38 | 8°27 | 19°14 | 28°42 | 21♐16 | 21°55 | 17°21 | 6°53 | M 3 |
| T 4 | 16 49 36 | 13°32'30 | 11♋48 | 4°54 | 21°33 | 20°21 | 21°13 | 26°35 | 8°25 | 19°16 | 28°43 | 21°17 | 21°52 | 17°28 | 6°53 | T 4 |
| W 5 | 16 53 33 | 14°30'06 | 23°42 | 5°26 | 21°58 | 21° 6 | 21°24 | 26°33 | 8°22 | 19°18 | 28°45 | 21°18 | 21°48 | 17°35 | 6°54 | W 5 |
| T 6 | 16 57 30 | 15°27'41 | 5♌43 | 5°54 | 22°21 | 21°51 | 21°36 | 26°30 | 8°20 | 19°20 | 28°46 | 21°18 | 21°45 | 17°41 | 6°54 | T 6 |
| F 7 | 17 1 26 | 16°25'15 | 17°55 | 6°17 | 22°42 | 22°37 | 21°47 | 26°27 | 8°18 | 19°22 | 28°47 | 21°19 | 21°42 | 17°48 | 6°54 | F 7 |
| S 8 | 17 5 23 | 17°22'47 | 0♍22 | 6°35 | 23° 1 | 23°22 | 21°58 | 26°24 | 8°15 | 19°24 | 28°49 | 21°19 | 21°39 | 17°54 | 6°55 | S 8 |
| S 9 | 17 9 19 | 18°20'18 | 13° 8 | 6°48 | 23°19 | 24° 7 | 22° 9 | 26°21 | 8°13 | 19°26 | 28°50 | 21°R19 | 21°36 | 18° 1 | 6°55 | S 9 |
| M10 | 17 13 16 | 19°17'48 | 26°15 | 6°57 | 23°34 | 24°52 | 22°20 | 26°18 | 8°10 | 19°28 | 28°52 | 21°19 | 21°32 | 18° 8 | 6°55 | M10 |
| T 11 | 17 17 12 | 20°15'16 | 9♎47 | 7°R 2 | 23°48 | 25°36 | 22°31 | 26°15 | 8° 8 | 19°30 | 28°53 | 21°19 | 21°29 | 18°14 | 6°R55 | T 11 |
| W12 | 17 21 9 | 21°12'43 | 23°45 | 7° 1 | 23°59 | 26°21 | 22°41 | 26°12 | 8° 5 | 19°32 | 28°54 | 21°D19 | 21°26 | 18°21 | 6°55 | W12 |
| T 13 | 17 25 5 | 22°10'09 | 8♏ 9 | 6°57 | 24° 8 | 27° 6 | 22°52 | 26° 9 | 8° 3 | 19°34 | 28°56 | 21°19 | 21°23 | 18°28 | 6°55 | T 13 |
| F 14 | 17 29 2 | 23° 7'34 | 22°55 | 6°48 | 24°15 | 27°51 | 23° 3 | 26° 6 | 8° 0 | 19°36 | 28°57 | 21°19 | 21°20 | 18°34 | 6°54 | F 14 |
| S 15 | 17 32 59 | 24° 4'58 | 7♐57 | 6°34 | 24°20 | 28°36 | 23°13 | 26° 2 | 7°58 | 19°38 | 28°59 | 21°19 | 21°17 | 18°41 | 6°54 | S 15 |
| S 16 | 17 36 55 | 25° 2'22 | 23° 9 | 6°17 | 24°22 | 29°20 | 23°23 | 25°59 | 7°56 | 19°40 | 29° 0 | 21°R20 | 21°13 | 18°48 | 6°54 | S 16 |
| M17 | 17 40 52 | 25°59'44 | 8♑19 | 5°56 | 24°R23 | 0♉ 5 | 23°33 | 25°55 | 7°53 | 19°42 | 29° 1 | 21°19 | 21°10 | 18°54 | 6°53 | M17 |
| T 18 | 17 44 48 | 26°57'05 | 23°20 | 5°32 | 24°20 | 0°49 | 23°44 | 25°52 | 7°51 | 19°44 | 29° 3 | 21°19 | 21° 7 | 19° 1 | 6°53 | T 18 |
| W19 | 17 48 45 | 27°54'26 | 8♒ 2 | 5° 5 | 24°16 | 1°34 | 23°54 | 25°48 | 7°49 | 19°46 | 29° 4 | 21°18 | 21° 4 | 19° 8 | 6°53 | W19 |
| T 20 | 17 52 41 | 28°51'46 | 22°21 | 4°36 | 24° 9 | 2°18 | 24° 3 | 25°45 | 7°47 | 19°48 | 29° 6 | 21°18 | 21° 1 | 19°14 | 6°52 | T 20 |
| F 21 | 17 56 38 | 29°49'06 | 6♓14 | 4° 4 | 24° 0 | 3° 3 | 24°13 | 25°41 | 7°44 | 19°50 | 29° 7 | 21°17 | 20°58 | 19°21 | 6°51 | F 21 |
| S 22 | 18 0 34 | 0♋46'26 | 19°40 | 3°31 | 23°48 | 3°47 | 24°23 | 25°37 | 7°42 | 19°53 | 29° 8 | 21°16 | 20°54 | 19°28 | 6°51 | S 22 |
| S 23 | 18 4 31 | 1°43'44 | 2♈40 | 2°58 | 23°34 | 4°31 | 24°32 | 25°33 | 7°40 | 19°55 | 29°10 | 21°D16 | 20°51 | 19°34 | 6°50 | S 23 |
| M24 | 18 8 28 | 2°41'03 | 15°18 | 2°24 | 23°17 | 5°16 | 24°42 | 25°30 | 7°38 | 19°57 | 29°11 | 21°16 | 20°48 | 19°41 | 6°49 | M24 |
| T 25 | 18 12 24 | 3°38'22 | 27°38 | 1°50 | 22°58 | 6° 0 | 24°51 | 25°26 | 7°35 | 19°59 | 29°13 | 21°17 | 20°45 | 19°47 | 6°48 | T 25 |
| W26 | 18 16 21 | 4°35'40 | 9♉43 | 1°17 | 22°37 | 6°44 | 25° 0 | 25°22 | 7°33 | 20° 1 | 29°14 | 21°18 | 20°42 | 19°54 | 6°47 | W26 |
| T 27 | 18 20 17 | 5°32'58 | 21°39 | 0°45 | 22°14 | 7°28 | 25° 9 | 25°18 | 7°31 | 20° 3 | 29°15 | 21°19 | 20°38 | 20° 1 | 6°46 | T 27 |
| F 28 | 18 24 14 | 6°30'15 | 3♊28 | 0°15 | 21°49 | 8°12 | 25°18 | 25°14 | 7°29 | 20° 5 | 29°17 | 21°21 | 20°35 | 20° 7 | 6°45 | F 28 |
| S 29 | 18 28 10 | 7°27'32 | 15°15 | 29♊48 | 21°21 | 8°56 | 25°27 | 25°10 | 7°27 | 20° 8 | 29°18 | 21°21 | 20°32 | 20°14 | 6°44 | S 29 |
| S 30 | 18 32 7 | 8♋24'49 | 27♊ 2 | 29♊24 | 20♋52 | 9♉40 | 25♈35 | 25♑ 6 | 7♐25 | 20♋10 | 29♊20 | 21°R21 | 20♐29 | 20♊21 | 6♓43 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 0 | 22n40 | 1n22 | 25n 6 | 1n44 | 24n49 | 2n58 | 5n48 | 1s23 | 6n59 | 1s 9 | 20s33 | 0n13 | 21s34 | 0n 6 | 21n17 | 0s44 | 15n40 | 7s43 | 23s 6 | 23s 9 | 23n12 | 3s20 | 6n 3 |
| S 2 | 22 8 | 23 9 | 0 17 | 24 56 | 1 36 | 24 39 | 2 53 | 6 5 | 1 23 | 7 3 | 1 9 | 20 34 | 0 13 | 21 34 | 0 6 | 21 17 | 0 44 | 15 40 | 7 43 | 23 6 | 23 9 | 23 12 | 3 20 | 6 4 |
| M 3 | 22 15 | 22 35 | 0s48 | 24 45 | 1 26 | 24 30 | 2 48 | 6 22 | 1 23 | 7 7 | 1 9 | 20 34 | 0 13 | 21 34 | 0 6 | 21 17 | 0 44 | 15 40 | 7 43 | 23 6 | 23 8 | 23 12 | 3 19 | 6 4 |
| T 4 | 22 23 | 21 1 | 1 52 | 24 33 | 1 15 | 24 20 | 2 42 | 6 40 | 1 22 | 7 11 | 1 9 | 20 35 | 0 13 | 21 33 | 0 6 | 21 17 | 0 44 | 15 40 | 7 43 | 23 6 | 23 8 | 23 11 | 3 19 | 6 4 |
| W 5 | 22 29 | 18 31 | 2 51 | 24 20 | 1 4 | 24 10 | 2 36 | 6 57 | 1 22 | 7 16 | 1 9 | 20 35 | 0 13 | 21 33 | 0 6 | 21 16 | 0 44 | 15 40 | 7 43 | 23 6 | 23 8 | 23 11 | 3 18 | 6 5 |
| T 6 | 22 36 | 15 12 | 3 43 | 24 7 | 0 52 | 24 0 | 2 30 | 7 14 | 1 22 | 7 20 | 1 9 | 20 36 | 0 13 | 21 33 | 0 6 | 21 16 | 0 44 | 15 40 | 7 42 | 23 6 | 23 8 | 23 11 | 3 18 | 6 5 |
| F 7 | 22 42 | 11 12 | 4 26 | 23 53 | 0 39 | 23 50 | 2 23 | 7 30 | 1 22 | 7 24 | 1 9 | 20 37 | 0 13 | 21 32 | 0 6 | 21 16 | 0 44 | 15 40 | 7 42 | 23 6 | 23 8 | 23 11 | 3 18 | 6 5 |
| S 8 | 22 47 | 6 41 | 4 57 | 23 38 | 0 25 | 23 40 | 2 16 | 7 47 | 1 22 | 7 28 | 1 10 | 20 37 | 0 12 | 21 32 | 0 6 | 21 16 | 0 44 | 15 41 | 7 42 | 23 6 | 23 7 | 23 10 | 3 17 | 6 6 |
| S 9 | 22 53 | 1 46 | 5 15 | 23 23 | 0 11 | 23 30 | 2 9 | 8 4 | 1 22 | 7 32 | 1 10 | 20 38 | 0 12 | 21 31 | 0 6 | 21 15 | 0 44 | 15 41 | 7 42 | 23 6 | 23 7 | 23 10 | 3 17 | 6 6 |
| M10 | 22 57 | 3s22 | 5 17 | 23 8 | 0s 5 | 23 20 | 2 1 | 8 21 | 1 21 | 7 35 | 1 10 | 20 39 | 0 12 | 21 31 | 0 6 | 21 15 | 0 44 | 15 41 | 7 42 | 23 6 | 23 7 | 23 10 | 3 16 | 6 6 |
| T 11 | 23 2 | 8 29 | 5 2 | 22 52 | 0 20 | 23 9 | 1 53 | 8 37 | 1 21 | 7 39 | 1 10 | 20 39 | 0 12 | 21 31 | 0 6 | 21 15 | 0 44 | 15 41 | 7 42 | 23 6 | 23 7 | 23 10 | 3 16 | 6 7 |
| W12 | 23 6 | 13 22 | 4 29 | 22 36 | 0 37 | 22 59 | 1 45 | 8 53 | 1 21 | 7 43 | 1 10 | 20 40 | 0 12 | 21 30 | 0 6 | 21 15 | 0 44 | 15 41 | 7 42 | 23 6 | 23 7 | 23 9 | 3 16 | 6 7 |
| T 13 | 23 9 | 17 38 | 3 38 | 22 19 | 0 53 | 22 48 | 1 36 | 9 10 | 1 21 | 7 47 | 1 10 | 20 41 | 0 12 | 21 30 | 0 6 | 21 14 | 0 44 | 15 41 | 7 42 | 23 6 | 23 6 | 23 9 | 3 16 | 6 7 |
| F 14 | 23 13 | 20 54 | 2 32 | 22 3 | 1 10 | 22 38 | 1 26 | 9 26 | 1 21 | 7 51 | 1 11 | 20 41 | 0 12 | 21 30 | 0 6 | 21 14 | 0 44 | 15 41 | 7 42 | 23 6 | 23 6 | 23 9 | 3 15 | 6 8 |
| S 15 | 23 15 | 22 48 | 1 14 | 21 46 | 1 27 | 22 28 | 1 17 | 9 42 | 1 20 | 7 54 | 1 11 | 20 42 | 0 12 | 21 29 | 0 6 | 21 14 | 0 44 | 15 41 | 7 42 | 23 6 | 23 6 | 23 8 | 3 15 | 6 8 |
| S 16 | 23 18 | 23 2 | 0n10 | 21 30 | 1 44 | 22 17 | 1 7 | 9 58 | 1 20 | 7 58 | 1 11 | 20 43 | 0 12 | 21 29 | 0 6 | 21 14 | 0 44 | 15 41 | 7 42 | 23 6 | 23 6 | 23 8 | 3 15 | 6 8 |
| M17 | 23 20 | 21 35 | 1 33 | 21 14 | 2 2 | 22 7 | 0 56 | 10 14 | 1 20 | 8 1 | 1 11 | 20 43 | 0 12 | 21 28 | 0 6 | 21 13 | 0 44 | 15 41 | 7 42 | 23 6 | 23 6 | 23 8 | 3 15 | 6 9 |
| T 18 | 23 21 | 18 36 | 2 49 | 20 58 | 2 19 | 21 56 | 0 45 | 10 30 | 1 19 | 8 5 | 1 11 | 20 44 | 0 12 | 21 28 | 0 6 | 21 13 | 0 44 | 15 41 | 7 42 | 23 6 | 23 5 | 23 7 | 3 15 | 6 9 |
| W19 | 23 22 | 14 29 | 3 52 | 20 42 | 2 35 | 21 46 | 0 34 | 10 45 | 1 19 | 8 9 | 1 12 | 20 45 | 0 12 | 21 28 | 0 6 | 21 13 | 0 44 | 15 41 | 7 42 | 23 6 | 23 5 | 23 7 | 3 15 | 6 9 |
| T 20 | 23 23 | 9 38 | 4 38 | 20 27 | 2 51 | 21 36 | 0 22 | 11 1 | 1 19 | 8 12 | 1 12 | 20 46 | 0 12 | 21 27 | 0 6 | 21 12 | 0 44 | 15 41 | 7 42 | 23 6 | 23 5 | 23 7 | 3 14 | 6 10 |
| F 21 | 23 23 | 4 27 | 5 7 | 20 13 | 3 7 | 21 26 | 0 10 | 11 16 | 1 18 | 8 15 | 1 12 | 20 46 | 0 11 | 21 27 | 0 6 | 21 12 | 0 44 | 15 42 | 7 42 | 23 6 | 23 5 | 23 6 | 3 14 | 6 10 |
| S 22 | 23 23 | 0n47 | 5 17 | 19 59 | 3 21 | 21 15 | 0s 2 | 11 32 | 1 18 | 8 19 | 1 12 | 20 47 | 0 11 | 21 27 | 0 6 | 21 12 | 0 44 | 15 42 | 7 41 | 23 6 | 23 5 | 23 6 | 3 14 | 6 10 |
| S 23 | 23 23 | 5 49 | 5 11 | 19 46 | 3 35 | 21 5 | 0 15 | 11 47 | 1 18 | 8 22 | 1 12 | 20 48 | 0 11 | 21 26 | 0 6 | 21 12 | 0 44 | 15 42 | 7 41 | 23 6 | 23 4 | 23 6 | 3 14 | 6 11 |
| M24 | 23 22 | 10 28 | 4 50 | 19 34 | 3 47 | 20 55 | 0 28 | 12 2 | 1 17 | 8 25 | 1 13 | 20 49 | 0 11 | 21 26 | 0 6 | 21 11 | 0 44 | 15 42 | 7 41 | 23 6 | 23 4 | 23 5 | 3 14 | 6 11 |
| T 25 | 23 20 | 14 35 | 4 16 | 19 24 | 3 59 | 20 45 | 0 42 | 12 17 | 1 17 | 8 28 | 1 13 | 20 49 | 0 11 | 21 26 | 0 6 | 21 11 | 0 44 | 15 42 | 7 41 | 23 6 | 23 4 | 23 5 | 3 14 | 6 11 |
| W26 | 23 18 | 18 2 | 3 31 | 19 14 | 4 9 | 20 35 | 0 55 | 12 31 | 1 17 | 8 32 | 1 13 | 20 50 | 0 11 | 21 25 | 0 6 | 21 11 | 0 44 | 15 42 | 7 41 | 23 6 | 23 4 | 23 4 | 3 14 | 6 12 |
| T 27 | 23 16 | 20 40 | 2 37 | 19 5 | 4 18 | 20 25 | 1 9 | 12 46 | 1 16 | 8 35 | 1 13 | 20 51 | 0 11 | 21 25 | 0 6 | 21 10 | 0 44 | 15 42 | 7 41 | 23 6 | 23 3 | 23 4 | 3 14 | 6 12 |
| F 28 | 23 14 | 22 24 | 1 38 | 18 58 | 4 25 | 20 15 | 1 23 | 13 1 | 1 16 | 8 38 | 1 13 | 20 52 | 0 11 | 21 25 | 0 6 | 21 10 | 0 44 | 15 42 | 7 41 | 23 6 | 23 3 | 23 4 | 3 15 | 6 12 |
| S 29 | 23 11 | 23 8 | 0 34 | 18 52 | 4 31 | 20 6 | 1 37 | 13 15 | 1 16 | 8 41 | 1 14 | 20 53 | 0 11 | 21 24 | 0 6 | 21 10 | 0 44 | 15 42 | 7 41 | 23 6 | 23 3 | 23 3 | 3 15 | 6 12 |
| S 30 | 23n 7 | 22n50 | 0s31 | 18n48 | 4s35 | 19n56 | 1s51 | 13n29 | 1s15 | 8n44 | 1s14 | 20s53 | 0n11 | 21s24 | 0n 6 | 21n 9 | 0s44 | 15n42 | 7s41 | 23s 6 | 23s 3 | 23n 3 | 3s15 | 6n13 |

Julian Day Number = 2598523.5, Delta T = 08m46s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°21'58, Lahiri = 29°29'00


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## JULY 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 36 3 | 9♋22'06 | 8♋52 | 29°R 3 | 20°R21 | 10♉23 | 25♈44 | 25°R 1 | 7°R23 | 20♋12 | 29♊21 | 21°R20 | 20♐26 | 20♊27 | 6°R42 | M 1 |
| T 2 | 18 40 0 | 10°19'22 | 20°47 | 28♊46 | 19♋49 | 11° 7 | 25°52 | 24♉57 | 7♐21 | 20°14 | 29°22 | 21♐19 | 20°23 | 20°34 | 6♓41 | T 2 |
| W 3 | 18 43 57 | 11°16'38 | 2♌49 | 28°33 | 19°15 | 11°51 | 26° 0 | 24°53 | 7°19 | 20°16 | 29°24 | 21°16 | 20°19 | 20°41 | 6°39 | W 3 |
| T 4 | 18 47 53 | 12°13'54 | 15° 0 | 28°24 | 18°40 | 12°34 | 26° 9 | 24°49 | 7°17 | 20°19 | 29°25 | 21°13 | 20°16 | 20°47 | 6°38 | T 4 |
| F 5 | 18 51 50 | 13°11'09 | 27°22 | 28°D19 | 18° 4 | 13°18 | 26°16 | 24°44 | 7°15 | 20°21 | 29°27 | 21°10 | 20°13 | 20°54 | 6°36 | F 5 |
| S 6 | 18 55 46 | 14° 8'23 | 9♍58 | 28°19 | 17°28 | 14° 1 | 26°24 | 24°40 | 7°13 | 20°23 | 29°28 | 21° 7 | 20°10 | 21° 1 | 6°35 | S 6 |
| S 7 | 18 59 43 | 15° 5'38 | 22°48 | 28°24 | 16°50 | 14°44 | 26°32 | 24°36 | 7°12 | 20°25 | 29°29 | 21° 4 | 20° 7 | 21° 7 | 6°33 | S 7 |
| M 8 | 19 3 39 | 16° 2'51 | 5♎56 | 28°34 | 16°13 | 15°27 | 26°39 | 24°32 | 7°10 | 20°28 | 29°31 | 21° 3 | 20° 4 | 21°14 | 6°32 | M 8 |
| T 9 | 19 7 36 | 17° 0'05 | 19°23 | 28°49 | 15°35 | 16°11 | 26°47 | 24°27 | 7° 8 | 20°30 | 29°32 | 21°D 2 | 20° 0 | 21°20 | 6°30 | T 9 |
| W10 | 19 11 32 | 17°57'18 | 3♏12 | 29° 9 | 14°58 | 16°54 | 26°54 | 24°23 | 7° 6 | 20°32 | 29°33 | 21° 3 | 19°57 | 21°27 | 6°28 | W10 |
| T 11 | 19 15 29 | 18°54'30 | 17°21 | 29°33 | 14°21 | 17°37 | 27° 1 | 24°18 | 7° 5 | 20°34 | 29°35 | 21° 4 | 19°54 | 21°34 | 6°27 | T 11 |
| F 12 | 19 19 26 | 19°51'43 | 1♐51 | 0♋ 3 | 13°45 | 18°20 | 27° 8 | 24°14 | 7° 3 | 20°36 | 29°36 | 21° 6 | 19°51 | 21°40 | 6°25 | F 12 |
| S 13 | 19 23 22 | 20°48'55 | 16°38 | 0°38 | 13° 9 | 19° 2 | 27°15 | 24°10 | 7° 2 | 20°39 | 29°37 | 21°R 6 | 19°48 | 21°47 | 6°23 | S 13 |
| S 14 | 19 27 19 | 21°46'07 | 1♑36 | 1°17 | 12°35 | 19°45 | 27°21 | 24° 5 | 7° 0 | 20°41 | 29°39 | 21° 6 | 19°44 | 21°54 | 6°21 | S 14 |
| M15 | 19 31 15 | 22°43'19 | 16°39 | 2° 1 | 12° 2 | 20°28 | 27°28 | 24° 1 | 6°59 | 20°43 | 29°40 | 21° 5 | 19°41 | 22° 0 | 6°19 | M15 |
| T 16 | 19 35 12 | 23°40'31 | 1♒36 | 2°50 | 11°31 | 21°10 | 27°34 | 23°56 | 6°57 | 20°45 | 29°41 | 21° 1 | 19°38 | 22° 7 | 6°17 | T 16 |
| W17 | 19 39 8 | 24°37'43 | 16°21 | 3°44 | 11° 1 | 21°53 | 27°40 | 23°52 | 6°56 | 20°48 | 29°43 | 20°57 | 19°35 | 22°14 | 6°15 | W17 |
| T 18 | 19 43 5 | 25°34'55 | 0♓45 | 4°43 | 10°33 | 22°35 | 27°46 | 23°48 | 6°54 | 20°50 | 29°44 | 20°52 | 19°32 | 22°20 | 6°13 | T 18 |
| F 19 | 19 47 1 | 26°32'08 | 14°44 | 5°46 | 10° 7 | 23°18 | 27°52 | 23°43 | 6°53 | 20°52 | 29°45 | 20°47 | 19°29 | 22°27 | 6°11 | F 19 |
| S 20 | 19 50 58 | 27°29'21 | 28°15 | 6°54 | 9°43 | 24° 0 | 27°58 | 23°39 | 6°52 | 20°54 | 29°47 | 20°43 | 19°25 | 22°34 | 6° 9 | S 20 |
| S 21 | 19 54 55 | 28°26'35 | 11♈20 | 8° 6 | 9°21 | 24°42 | 28° 3 | 23°34 | 6°50 | 20°57 | 29°48 | 20°40 | 19°22 | 22°40 | 6° 6 | S 21 |
| M22 | 19 58 51 | 29°23'49 | 24° 0 | 9°22 | 9° 2 | 25°24 | 28° 9 | 23°30 | 6°49 | 20°59 | 29°49 | 20°D38 | 19°19 | 22°47 | 6° 4 | M22 |
| T 23 | 20 2 48 | 0♌21'04 | 6♉20 | 10°43 | 8°45 | 26° 6 | 28°14 | 23°25 | 6°48 | 21° 1 | 29°50 | 20°38 | 19°16 | 22°54 | 6° 2 | T 23 |
| W24 | 20 6 44 | 1°18'19 | 18°24 | 12° 9 | 8°30 | 26°48 | 28°19 | 23°21 | 6°47 | 21° 3 | 29°52 | 20°39 | 19°13 | 23° 0 | 5°59 | W24 |
| T 25 | 20 10 41 | 2°15'35 | 0♊17 | 13°38 | 8°18 | 27°30 | 28°24 | 23°17 | 6°46 | 21° 5 | 29°53 | 20°41 | 19° 9 | 23° 7 | 5°57 | T 25 |
| F 26 | 20 14 37 | 3°12'52 | 12° 5 | 15°12 | 8° 8 | 28°11 | 28°28 | 23°12 | 6°45 | 21° 8 | 29°54 | 20°42 | 19° 6 | 23°13 | 5°55 | F 26 |
| S 27 | 20 18 34 | 4°10'09 | 23°52 | 16°49 | 8° 0 | 28°53 | 28°33 | 23° 8 | 6°44 | 21°10 | 29°55 | 20°R43 | 19° 3 | 23°20 | 5°52 | S 27 |
| S 28 | 20 22 30 | 5° 7'28 | 5♋41 | 18°30 | 7°55 | 29°34 | 28°37 | 23° 4 | 6°43 | 21°12 | 29°56 | 20°41 | 19° 0 | 23°27 | 5°50 | S 28 |
| M29 | 20 26 27 | 6° 4'46 | 17°37 | 20°15 | 7°52 | 0♊16 | 28°41 | 23° 0 | 6°42 | 21°14 | 29°58 | 20°38 | 18°57 | 23°33 | 5°47 | M29 |
| T 30 | 20 30 24 | 7° 2'06 | 29°41 | 22° 3 | 7°D52 | 0°57 | 28°45 | 22°55 | 6°41 | 21°16 | 29°59 | 20°33 | 18°54 | 23°40 | 5°44 | T 30 |
| W31 | 20 34 20 | 7♌59'25 | 11♌55 | 23♋55 | 7♋53 | 1♊38 | 28♈49 | 22♉51 | 6♐40 | 21♋18 | 0♋ 0 | 20♐26 | 18♐50 | 23♊47 | 5♓42 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 3 | 21n30 | 1s35 | 18n45 | 4s38 | 19n47 | 2s 6 | 13n43 | 1s15 | 8n46 | 1s14 | 20s54 | 0n11 | 21s24 | 0n 6 | 21n 9 | 0s44 | 15n42 | 7s41 | 23s 6 | 23s 3 | 23n 2 | 3s15 | 6n13 |
| T 2 | 22 59 | 19 13 | 2 36 | 18 43 | 4 39 | 19 37 | 2 20 | 13 57 | 1 14 | 8 49 | 1 14 | 20 55 | 0 11 | 21 23 | 0 6 | 21 9 | 0 44 | 15 42 | 7 41 | 23 6 | 23 2 | 23 2 | 3 15 | 6 13 |
| W 3 | 22 55 | 16 5 | 3 29 | 18 43 | 4 40 | 19 28 | 2 34 | 14 11 | 1 14 | 8 52 | 1 14 | 20 56 | 0 11 | 21 23 | 0 6 | 21 9 | 0 44 | 15 42 | 7 41 | 23 6 | 23 2 | 23 2 | 3 15 | 6 14 |
| T 4 | 22 50 | 12 15 | 4 14 | 18 44 | 4 38 | 19 19 | 2 48 | 14 25 | 1 13 | 8 55 | 1 15 | 20 57 | 0 10 | 21 23 | 0 6 | 21 8 | 0 44 | 15 42 | 7 41 | 23 6 | 23 2 | 23 1 | 3 16 | 6 14 |
| F 5 | 22 44 | 7 50 | 4 48 | 18 47 | 4 36 | 19 10 | 3 2 | 14 38 | 1 13 | 8 57 | 1 15 | 20 58 | 0 10 | 21 22 | 0 6 | 21 8 | 0 44 | 15 42 | 7 41 | 23 6 | 23 2 | 23 1 | 3 16 | 6 14 |
| S 6 | 22 38 | 3 3 | 5 9 | 18 51 | 4 32 | 19 1 | 3 16 | 14 51 | 1 13 | 9 0 | 1 15 | 20 58 | 0 10 | 21 22 | 0 6 | 21 8 | 0 44 | 15 42 | 7 41 | 23 5 | 23 1 | 23 0 | 3 16 | 6 14 |
| S 7 | 22 32 | 1s58 | 5 15 | 18 56 | 4 27 | 18 52 | 3 29 | 15 5 | 1 12 | 9 3 | 1 15 | 20 59 | 0 10 | 21 22 | 0 6 | 21 7 | 0 44 | 15 42 | 7 41 | 23 5 | 23 1 | 23 0 | 3 16 | 6 15 |
| M 8 | 22 25 | 7 0 | 5 4 | 19 2 | 4 20 | 18 44 | 3 42 | 15 18 | 1 12 | 9 5 | 1 15 | 21 0 | 0 10 | 21 22 | 0 6 | 21 7 | 0 44 | 15 42 | 7 41 | 23 5 | 23 1 | 23 0 | 3 17 | 6 15 |
| T 9 | 22 18 | 11 51 | 4 37 | 19 10 | 4 13 | 18 36 | 3 55 | 15 30 | 1 11 | 9 7 | 1 16 | 21 1 | 0 10 | 21 21 | 0 6 | 21 7 | 0 43 | 15 42 | 7 41 | 23 5 | 23 1 | 22 59 | 3 17 | 6 15 |
| W10 | 22 11 | 16 13 | 3 54 | 19 18 | 4 5 | 18 28 | 4 7 | 15 43 | 1 11 | 9 10 | 1 16 | 21 2 | 0 10 | 21 21 | 0 6 | 21 6 | 0 43 | 15 42 | 7 41 | 23 5 | 23 0 | 22 59 | 3 18 | 6 16 |
| T 11 | 22 3 | 19 46 | 2 55 | 19 27 | 3 56 | 18 20 | 4 18 | 15 56 | 1 10 | 9 12 | 1 16 | 21 3 | 0 10 | 21 21 | 0 6 | 21 6 | 0 43 | 15 42 | 7 41 | 23 5 | 23 0 | 22 58 | 3 18 | 6 16 |
| F 12 | 21 55 | 22 11 | 1 44 | 19 37 | 3 46 | 18 13 | 4 29 | 16 8 | 1 9 | 9 14 | 1 16 | 21 4 | 0 10 | 21 21 | 0 6 | 21 6 | 0 43 | 15 42 | 7 41 | 23 5 | 23 0 | 22 58 | 3 18 | 6 16 |
| S 13 | 21 47 | 23 7 | 0 25 | 19 47 | 3 36 | 18 6 | 4 40 | 16 20 | 1 9 | 9 17 | 1 17 | 21 4 | 0 10 | 21 20 | 0 6 | 21 5 | 0 43 | 15 42 | 7 41 | 23 5 | 23 0 | 22 57 | 3 19 | 6 16 |
| S 14 | 21 38 | 22 25 | 0n57 | 19 58 | 3 25 | 17 59 | 4 50 | 16 32 | 1 8 | 9 19 | 1 17 | 21 5 | 0 10 | 21 20 | 0 6 | 21 5 | 0 43 | 15 42 | 7 41 | 23 5 | 22 59 | 22 57 | 3 19 | 6 16 |
| M15 | 21 29 | 20 7 | 2 15 | 20 9 | 3 13 | 17 53 | 4 59 | 16 44 | 1 8 | 9 21 | 1 17 | 21 6 | 0 10 | 21 20 | 0 6 | 21 5 | 0 43 | 15 42 | 7 41 | 23 5 | 22 59 | 22 56 | 3 20 | 6 17 |
| T 16 | 21 19 | 16 27 | 3 24 | 20 20 | 3 1 | 17 47 | 5 8 | 16 56 | 1 7 | 9 23 | 1 17 | 21 7 | 0 9 | 21 20 | 0 6 | 21 4 | 0 43 | 15 42 | 7 41 | 23 5 | 22 59 | 22 56 | 3 20 | 6 17 |
| W17 | 21 9 | 11 48 | 4 17 | 20 31 | 2 49 | 17 41 | 5 16 | 17 7 | 1 7 | 9 25 | 1 18 | 21 8 | 0 9 | 21 19 | 0 6 | 21 4 | 0 43 | 15 42 | 7 41 | 23 5 | 22 59 | 22 55 | 3 21 | 6 17 |
| T 18 | 20 59 | 6 37 | 4 53 | 20 43 | 2 36 | 17 36 | 5 23 | 17 19 | 1 6 | 9 27 | 1 18 | 21 9 | 0 9 | 21 19 | 0 6 | 21 4 | 0 43 | 15 42 | 7 41 | 23 4 | 22 58 | 22 55 | 3 21 | 6 17 |
| F 19 | 20 48 | 1 14 | 5 10 | 20 53 | 2 22 | 17 32 | 5 30 | 17 30 | 1 5 | 9 29 | 1 18 | 21 10 | 0 9 | 21 19 | 0 6 | 21 3 | 0 43 | 15 42 | 7 41 | 23 4 | 22 58 | 22 54 | 3 22 | 6 18 |
| S 20 | 20 37 | 4n 2 | 5 9 | 21 4 | 2 9 | 17 27 | 5 36 | 17 41 | 1 5 | 9 30 | 1 18 | 21 10 | 0 9 | 21 19 | 0 6 | 21 3 | 0 43 | 15 42 | 7 41 | 23 4 | 22 58 | 22 54 | 3 23 | 6 18 |
| S 21 | 20 26 | 8 57 | 4 52 | 21 13 | 1 55 | 17 23 | 5 41 | 17 52 | 1 4 | 9 32 | 1 19 | 21 11 | 0 9 | 21 19 | 0 6 | 21 3 | 0 43 | 15 42 | 7 41 | 23 4 | 22 58 | 22 53 | 3 23 | 6 18 |
| M22 | 20 14 | 13 20 | 4 21 | 21 22 | 1 42 | 17 20 | 5 46 | 18 2 | 1 4 | 9 34 | 1 19 | 21 12 | 0 9 | 21 18 | 0 6 | 21 2 | 0 43 | 15 42 | 7 41 | 23 3 | 22 57 | 22 53 | 3 24 | 6 18 |
| T 23 | 20 2 | 17 2 | 3 38 | 21 30 | 1 28 | 17 17 | 5 50 | 18 13 | 1 3 | 9 35 | 1 19 | 21 13 | 0 9 | 21 18 | 0 6 | 21 2 | 0 43 | 15 42 | 7 41 | 23 3 | 22 57 | 22 52 | 3 25 | 6 18 |
| W24 | 19 49 | 19 56 | 2 47 | 21 36 | 1 14 | 17 14 | 5 53 | 18 23 | 1 2 | 9 37 | 1 19 | 21 14 | 0 9 | 21 18 | 0 6 | 21 2 | 0 43 | 15 42 | 7 42 | 23 3 | 22 57 | 22 52 | 3 25 | 6 19 |
| T 25 | 19 37 | 21 56 | 1 49 | 21 41 | 1 0 | 17 12 | 5 56 | 18 33 | 1 2 | 9 38 | 1 20 | 21 14 | 0 9 | 21 18 | 0 6 | 21 1 | 0 43 | 15 42 | 7 42 | 23 4 | 22 57 | 22 51 | 3 26 | 6 19 |
| F 26 | 19 24 | 22 58 | 0 47 | 21 45 | 0 47 | 17 10 | 5 59 | 18 43 | 1 1 | 9 40 | 1 20 | 21 15 | 0 9 | 21 18 | 0 6 | 21 1 | 0 43 | 15 42 | 7 42 | 23 4 | 22 56 | 22 51 | 3 27 | 6 19 |
| S 27 | 19 10 | 22 58 | 0s17 | 21 47 | 0 34 | 17 9 | 6 0 | 18 53 | 1 0 | 9 41 | 1 20 | 21 16 | 0 8 | 21 18 | 0 6 | 21 1 | 0 43 | 15 42 | 7 42 | 23 4 | 22 56 | 22 50 | 3 27 | 6 19 |
| S 28 | 18 57 | 21 56 | 1 20 | 21 46 | 0 21 | 17 8 | 6 2 | 19 3 | 1 0 | 9 42 | 1 20 | 21 17 | 0 8 | 21 17 | 0 6 | 21 0 | 0 43 | 15 41 | 7 42 | 23 4 | 22 56 | 22 50 | 3 28 | 6 19 |
| M29 | 18 43 | 19 54 | 2 20 | 21 44 | 0 8 | 17 7 | 6 3 | 19 12 | 0 59 | 9 44 | 1 21 | 21 18 | 0 8 | 21 17 | 0 6 | 21 0 | 0 43 | 15 41 | 7 42 | 23 3 | 22 56 | 22 49 | 3 29 | 6 19 |
| T 30 | 18 28 | 17 0 | 3 15 | 21 39 | 0n 4 | 17 7 | 6 3 | 19 21 | 0 58 | 9 45 | 1 21 | 21 19 | 0 8 | 21 17 | 0 6 | 21 0 | 0 43 | 15 41 | 7 42 | 23 3 | 22 55 | 22 48 | 3 30 | 6 20 |
| W31 | 18n14 | 13n19 | 4s 1 | 21n32 | 0n16 | 17n 7 | 6s 3 | 19n30 | 0s57 | 9n46 | 1s21 | 21s19 | 0n 8 | 21s17 | 0n 6 | 20n59 | 0s43 | 15n41 | 7s42 | 23s 3 | 22s55 | 22n48 | 3s31 | 6n20 |

Julian Day Number = 2598553.5, Delta T = 08m46s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'02, Lahiri = 29°29'04


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## AUGUST 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 38 17 | 8♌56'46 | 24♌22 | 25♋49 | 7♋58 | 2♊19 | 28♈52 | 22°R47 | 6°R40 | 21♋21 | 0♋ 1 | 20°R17 | 18♐47 | 23♊53 | 5°R39 | T 1 |
| F 2 | 20 42 13 | 9°54'07 | 7♍ 0 | 27°45 | 8° 4 | 3° 0 | 28°56 | 22♉43 | 6♐39 | 21°23 | 0° 2 | 20♐ 9 | 18°44 | 24° 0 | 5♓36 | F 2 |
| S 3 | 20 46 10 | 10°51'28 | 19°51 | 29°44 | 8°12 | 3°41 | 28°59 | 22°39 | 6°38 | 21°25 | 0° 3 | 20° 0 | 18°41 | 24° 7 | 5°34 | S 3 |
| S 4 | 20 50 6 | 11°48'50 | 2♎55 | 1♌45 | 8°23 | 4°22 | 29° 2 | 22°35 | 6°38 | 21°27 | 0° 5 | 19°53 | 18°38 | 24°13 | 5°31 | S 4 |
| M 5 | 20 54 3 | 12°46'13 | 16°12 | 3°48 | 8°35 | 5° 3 | 29° 5 | 22°31 | 6°37 | 21°29 | 0° 6 | 19°48 | 18°35 | 24°20 | 5°28 | M 5 |
| T 6 | 20 57 59 | 13°43'36 | 29°43 | 5°51 | 8°50 | 5°43 | 29° 7 | 22°27 | 6°37 | 21°31 | 0° 7 | 19°45 | 18°31 | 24°27 | 5°25 | T 6 |
| W 7 | 21 1 56 | 14°40'59 | 13♏28 | 7°56 | 9° 6 | 6°24 | 29°10 | 22°23 | 6°36 | 21°33 | 0° 8 | 19°D44 | 18°28 | 24°33 | 5°23 | W 7 |
| T 8 | 21 5 53 | 15°38'23 | 27°28 | 10° 1 | 9°25 | 7° 4 | 29°12 | 22°19 | 6°36 | 21°35 | 0° 9 | 19°45 | 18°25 | 24°40 | 5°20 | T 8 |
| F 9 | 21 9 49 | 16°35'48 | 11♐42 | 12° 7 | 9°45 | 7°44 | 29°14 | 22°15 | 6°36 | 21°37 | 0°10 | 19°46 | 18°22 | 24°46 | 5°17 | F 9 |
| S 10 | 21 13 46 | 17°33'13 | 26° 9 | 14°12 | 10° 7 | 8°24 | 29°16 | 22°11 | 6°35 | 21°39 | 0°11 | 19°R46 | 18°19 | 24°53 | 5°14 | S 10 |
| S 11 | 21 17 42 | 18°30'39 | 10♑46 | 16°18 | 10°31 | 9° 4 | 29°18 | 22° 8 | 6°35 | 21°42 | 0°12 | 19°44 | 18°15 | 25° 0 | 5°11 | S 11 |
| M12 | 21 21 39 | 19°28'06 | 25°28 | 18°22 | 10°56 | 9°44 | 29°19 | 22° 4 | 6°35 | 21°44 | 0°13 | 19°40 | 18°12 | 25° 6 | 5° 8 | M12 |
| T 13 | 21 25 35 | 20°25'33 | 10♒ 9 | 20°27 | 11°23 | 10°24 | 29°20 | 22° 0 | 6°35 | 21°46 | 0°14 | 19°33 | 18° 9 | 25°13 | 5° 5 | T 13 |
| W14 | 21 29 32 | 21°23'02 | 24°41 | 22°30 | 11°52 | 11° 3 | 29°21 | 21°57 | 6°35 | 21°48 | 0°15 | 19°25 | 18° 6 | 25°20 | 5° 2 | W14 |
| T 15 | 21 33 28 | 22°20'31 | 8♓57 | 24°32 | 12°22 | 11°43 | 29°22 | 21°53 | 6°D35 | 21°50 | 0°16 | 19°15 | 18° 3 | 25°26 | 4°59 | T 15 |
| F 16 | 21 37 25 | 23°18'01 | 22°53 | 26°33 | 12°53 | 12°22 | 29°23 | 21°50 | 6°35 | 21°52 | 0°17 | 19° 5 | 18° 0 | 25°33 | 4°56 | F 16 |
| S 17 | 21 41 22 | 24°15'33 | 6♈23 | 28°33 | 13°26 | 13° 1 | 29°23 | 21°46 | 6°35 | 21°53 | 0°18 | 18°57 | 17°56 | 25°40 | 4°53 | S 17 |
| S 18 | 21 45 18 | 25°13'06 | 19°29 | 0♍32 | 14° 0 | 13°40 | 29°24 | 21°43 | 6°35 | 21°55 | 0°18 | 18°50 | 17°53 | 25°46 | 4°50 | S 18 |
| M19 | 21 49 15 | 26°10'40 | 2♉11 | 2°29 | 14°35 | 14°19 | 29°R24 | 21°40 | 6°35 | 21°57 | 0°19 | 18°45 | 17°50 | 25°53 | 4°47 | M19 |
| T 20 | 21 53 11 | 27° 8'16 | 14°32 | 4°25 | 15°12 | 14°58 | 29°24 | 21°37 | 6°35 | 21°59 | 0°20 | 18°42 | 17°47 | 26° 0 | 4°44 | T 20 |
| W21 | 21 57 8 | 28° 5'53 | 26°36 | 6°19 | 15°50 | 15°37 | 29°23 | 21°33 | 6°35 | 22° 1 | 0°21 | 18°D41 | 17°44 | 26° 6 | 4°41 | W21 |
| T 22 | 22 1 4 | 29° 3'32 | 8♊30 | 8°12 | 16°29 | 16°15 | 29°23 | 21°30 | 6°36 | 22° 3 | 0°22 | 18°42 | 17°41 | 26°13 | 4°38 | T 22 |
| F 23 | 22 5 1 | 0♍ 1'12 | 20°19 | 10° 4 | 17° 9 | 16°54 | 29°22 | 21°27 | 6°36 | 22° 5 | 0°23 | 18°R42 | 17°37 | 26°20 | 4°34 | F 23 |
| S 24 | 22 8 57 | 0°58'54 | 2♋ 7 | 11°54 | 17°50 | 17°32 | 29°21 | 21°24 | 6°37 | 22° 7 | 0°24 | 18°41 | 17°34 | 26°26 | 4°31 | S 24 |
| S 25 | 22 12 54 | 1°56'37 | 13°59 | 13°43 | 18°32 | 18°10 | 29°20 | 21°22 | 6°37 | 22° 8 | 0°24 | 18°38 | 17°31 | 26°33 | 4°28 | S 25 |
| M26 | 22 16 51 | 2°54'22 | 26° 1 | 15°30 | 19°16 | 18°48 | 29°19 | 21°19 | 6°38 | 22°10 | 0°25 | 18°33 | 17°28 | 26°39 | 4°25 | M26 |
| T 27 | 22 20 47 | 3°52'08 | 8♌15 | 17°16 | 20° 0 | 19°26 | 29°17 | 21°16 | 6°38 | 22°12 | 0°26 | 18°25 | 17°25 | 26°46 | 4°22 | T 27 |
| W28 | 22 24 44 | 4°49'55 | 20°43 | 19° 1 | 20°45 | 20° 4 | 29°16 | 21°14 | 6°39 | 22°14 | 0°26 | 18°15 | 17°21 | 26°53 | 4°19 | W28 |
| T 29 | 22 28 40 | 5°47'44 | 3♍26 | 20°44 | 21°31 | 20°41 | 29°14 | 21°11 | 6°40 | 22°16 | 0°27 | 18° 3 | 17°18 | 26°59 | 4°16 | T 29 |
| F 30 | 22 32 37 | 6°45'35 | 16°25 | 22°26 | 22°18 | 21°19 | 29°12 | 21° 9 | 6°40 | 22°17 | 0°28 | 17°50 | 17°15 | 27° 6 | 4°13 | F 30 |
| S 31 | 22 36 33 | 7♍43'27 | 29♍37 | 24♍ 6 | 23♋ 5 | 21♊56 | 29♈ 9 | 21♉ 6 | 6♐41 | 22♋19 | 0♋29 | 17♐38 | 17♐12 | 27♊13 | 4♓ 9 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n59 | 9n 1 | 4s36 | 21n23 | 0n27 | 17n 7 | 6s 2 | 19n39 | 0s57 | 9n47 | 1s21 | 21s20 | 0n 8 | 21s17 | 0n 6 | 20n59 | 0s43 | 15n41 | 7s42 | 23s 2 | 22s55 | 22n47 | 3s31 | 6n20 |
| F 2 | 17 44 | 4 17 | 4 59 | 21 11 | 0 38 | 17 8 | 6 2 | 19 48 | 0 56 | 9 48 | 1 22 | 21 21 | 0 8 | 21 17 | 0 6 | 20 59 | 0 43 | 15 41 | 7 42 | 23 1 | 22 55 | 22 47 | 3 32 | 6 20 |
| S 3 | 17 28 | 0s42 | 5 7 | 20 56 | 0 48 | 17 8 | 6 0 | 19 56 | 0 55 | 9 49 | 1 22 | 21 22 | 0 8 | 21 17 | 0 6 | 20 58 | 0 43 | 15 41 | 7 42 | 23 1 | 22 54 | 22 46 | 3 33 | 6 20 |
| S 4 | 17 12 | 5 44 | 4 59 | 20 39 | 0 57 | 17 9 | 5 59 | 20 5 | 0 54 | 9 50 | 1 22 | 21 22 | 0 8 | 21 17 | 0 6 | 20 58 | 0 43 | 15 41 | 7 42 | 23 0 | 22 54 | 22 45 | 3 34 | 6 20 |
| M 5 | 16 56 | 10 35 | 4 35 | 20 19 | 1 5 | 17 10 | 5 57 | 20 13 | 0 54 | 9 50 | 1 22 | 21 23 | 0 8 | 21 17 | 0 6 | 20 58 | 0 43 | 15 41 | 7 42 | 23 0 | 22 54 | 22 45 | 3 35 | 6 20 |
| T 6 | 16 40 | 15 1 | 3 56 | 19 57 | 1 13 | 17 12 | 5 55 | 20 21 | 0 53 | 9 51 | 1 23 | 21 24 | 0 8 | 21 16 | 0 6 | 20 57 | 0 43 | 15 41 | 7 42 | 23 0 | 22 54 | 22 44 | 3 36 | 6 20 |
| W 7 | 16 24 | 18 44 | 3 2 | 19 32 | 1 20 | 17 13 | 5 52 | 20 28 | 0 52 | 9 52 | 1 23 | 21 25 | 0 7 | 21 16 | 0 6 | 20 57 | 0 43 | 15 41 | 7 42 | 22 59 | 22 53 | 22 44 | 3 37 | 6 20 |
| T 8 | 16 7 | 21 27 | 1 57 | 19 5 | 1 26 | 17 15 | 5 49 | 20 36 | 0 51 | 9 52 | 1 23 | 21 25 | 0 7 | 21 16 | 0 6 | 20 57 | 0 43 | 15 41 | 7 42 | 22 59 | 22 53 | 22 43 | 3 38 | 6 21 |
| F 9 | 15 50 | 22 51 | 0 43 | 18 35 | 1 31 | 17 16 | 5 46 | 20 43 | 0 50 | 9 53 | 1 23 | 21 26 | 0 7 | 21 16 | 0 5 | 20 56 | 0 43 | 15 41 | 7 42 | 23 0 | 22 53 | 22 42 | 3 39 | 6 21 |
| S 10 | 15 32 | 22 46 | 0n34 | 18 3 | 1 36 | 17 18 | 5 43 | 20 51 | 0 49 | 9 53 | 1 24 | 21 27 | 0 7 | 21 16 | 0 5 | 20 56 | 0 43 | 15 41 | 7 43 | 23 0 | 22 52 | 22 42 | 3 40 | 6 21 |
| S 11 | 15 15 | 21 7 | 1 50 | 17 30 | 1 39 | 17 20 | 5 39 | 20 58 | 0 49 | 9 53 | 1 24 | 21 27 | 0 7 | 21 16 | 0 5 | 20 56 | 0 43 | 15 41 | 7 43 | 22 59 | 22 52 | 22 41 | 3 41 | 6 21 |
| M12 | 14 57 | 18 4 | 2 59 | 16 54 | 1 42 | 17 22 | 5 36 | 21 4 | 0 48 | 9 54 | 1 24 | 21 28 | 0 7 | 21 16 | 0 5 | 20 55 | 0 43 | 15 40 | 7 43 | 22 59 | 22 52 | 22 41 | 3 42 | 6 21 |
| T 13 | 14 39 | 13 53 | 3 56 | 16 17 | 1 44 | 17 23 | 5 32 | 21 11 | 0 47 | 9 54 | 1 24 | 21 29 | 0 7 | 21 16 | 0 5 | 20 55 | 0 43 | 15 40 | 7 43 | 22 59 | 22 52 | 22 40 | 3 43 | 6 21 |
| W14 | 14 21 | 8 55 | 4 36 | 15 38 | 1 45 | 17 25 | 5 28 | 21 17 | 0 46 | 9 54 | 1 25 | 21 29 | 0 7 | 21 16 | 0 5 | 20 55 | 0 43 | 15 40 | 7 43 | 22 58 | 22 51 | 22 39 | 3 44 | 6 21 |
| T 15 | 14 2 | 3 34 | 4 59 | 14 58 | 1 46 | 17 27 | 5 23 | 21 24 | 0 45 | 9 54 | 1 25 | 21 30 | 0 7 | 21 16 | 0 5 | 20 55 | 0 43 | 15 40 | 7 43 | 22 57 | 22 51 | 22 39 | 3 45 | 6 21 |
| F 16 | 13 43 | 1n49 | 5 3 | 14 17 | 1 45 | 17 28 | 5 19 | 21 30 | 0 44 | 9 54 | 1 25 | 21 31 | 0 7 | 21 16 | 0 5 | 20 54 | 0 43 | 15 40 | 7 43 | 22 56 | 22 51 | 22 38 | 3 46 | 6 21 |
| S 17 | 13 24 | 6 58 | 4 50 | 13 35 | 1 45 | 17 30 | 5 14 | 21 36 | 0 43 | 9 54 | 1 25 | 21 31 | 0 7 | 21 16 | 0 5 | 20 54 | 0 43 | 15 40 | 7 43 | 22 56 | 22 50 | 22 37 | 3 47 | 6 21 |
| S 18 | 13 5 | 11 39 | 4 22 | 12 52 | 1 43 | 17 31 | 5 10 | 21 41 | 0 42 | 9 54 | 1 26 | 21 32 | 0 6 | 21 16 | 0 5 | 20 54 | 0 43 | 15 40 | 7 43 | 22 55 | 22 50 | 22 37 | 3 48 | 6 21 |
| M19 | 12 46 | 15 40 | 3 42 | 12 8 | 1 41 | 17 32 | 5 5 | 21 47 | 0 41 | 9 54 | 1 26 | 21 33 | 0 6 | 21 16 | 0 5 | 20 53 | 0 43 | 15 40 | 7 43 | 22 55 | 22 50 | 22 36 | 3 49 | 6 21 |
| T 20 | 12 26 | 18 54 | 2 52 | 11 24 | 1 38 | 17 33 | 5 0 | 21 52 | 0 41 | 9 53 | 1 26 | 21 33 | 0 6 | 21 16 | 0 5 | 20 53 | 0 43 | 15 40 | 7 43 | 22 54 | 22 50 | 22 35 | 3 50 | 6 21 |
| W21 | 12 7 | 21 13 | 1 55 | 10 39 | 1 35 | 17 34 | 4 55 | 21 57 | 0 40 | 9 53 | 1 26 | 21 34 | 0 6 | 21 16 | 0 5 | 20 53 | 0 43 | 15 40 | 7 44 | 22 54 | 22 49 | 22 35 | 3 51 | 6 21 |
| T 22 | 11 47 | 22 34 | 0 54 | 9 54 | 1 32 | 17 35 | 4 50 | 22 2 | 0 39 | 9 53 | 1 27 | 21 34 | 0 6 | 21 17 | 0 5 | 20 52 | 0 43 | 15 40 | 7 44 | 22 54 | 22 49 | 22 34 | 3 52 | 6 21 |
| F 23 | 11 26 | 22 53 | 0s 9 | 9 8 | 1 28 | 17 35 | 4 44 | 22 7 | 0 38 | 9 52 | 1 27 | 21 35 | 0 6 | 21 17 | 0 5 | 20 52 | 0 43 | 15 39 | 7 44 | 22 54 | 22 49 | 22 33 | 3 54 | 6 21 |
| S 24 | 11 6 | 22 11 | 1 11 | 8 22 | 1 23 | 17 35 | 4 39 | 22 12 | 0 37 | 9 52 | 1 27 | 21 35 | 0 6 | 21 17 | 0 5 | 20 52 | 0 43 | 15 39 | 7 44 | 22 54 | 22 48 | 22 33 | 3 55 | 6 21 |
| S 25 | 10 46 | 20 30 | 2 10 | 7 36 | 1 18 | 17 35 | 4 34 | 22 16 | 0 36 | 9 51 | 1 27 | 21 36 | 0 6 | 21 17 | 0 5 | 20 51 | 0 43 | 15 39 | 7 44 | 22 54 | 22 48 | 22 32 | 3 56 | 6 21 |
| M26 | 10 25 | 17 53 | 3 4 | 6 49 | 1 13 | 17 35 | 4 28 | 22 20 | 0 35 | 9 50 | 1 28 | 21 36 | 0 6 | 21 17 | 0 5 | 20 51 | 0 43 | 15 39 | 7 44 | 22 54 | 22 48 | 22 31 | 3 57 | 6 21 |
| T 27 | 10 4 | 14 27 | 3 51 | 6 3 | 1 7 | 17 34 | 4 22 | 22 24 | 0 34 | 9 50 | 1 28 | 21 37 | 0 6 | 21 17 | 0 5 | 20 51 | 0 43 | 15 39 | 7 44 | 22 53 | 22 48 | 22 31 | 3 58 | 6 21 |
| W28 | 9 43 | 10 20 | 4 27 | 5 17 | 1 2 | 17 33 | 4 17 | 22 28 | 0 33 | 9 49 | 1 28 | 21 37 | 0 6 | 21 17 | 0 5 | 20 51 | 0 43 | 15 39 | 7 44 | 22 52 | 22 47 | 22 30 | 3 59 | 6 21 |
| T 29 | 9 22 | 5 41 | 4 51 | 4 31 | 0 55 | 17 32 | 4 11 | 22 32 | 0 32 | 9 48 | 1 28 | 21 38 | 0 5 | 21 17 | 0 5 | 20 50 | 0 43 | 15 39 | 7 44 | 22 51 | 22 47 | 22 29 | 4 1 | 6 21 |
| F 30 | 9 1 | 0 44 | 5 1 | 3 45 | 0 49 | 17 30 | 4 5 | 22 36 | 0 30 | 9 47 | 1 29 | 21 38 | 0 5 | 21 17 | 0 5 | 20 50 | 0 43 | 15 39 | 7 44 | 22 50 | 22 47 | 22 28 | 4 2 | 6 21 |
| S 31 | 8n39 | 4s21 | 4s54 | 2n59 | 0n42 | 17n29 | 4s 0 | 22n39 | 0s29 | 9n46 | 1s29 | 21s39 | 0n 5 | 21s18 | 0n 5 | 20n50 | 0s43 | 15n39 | 7s45 | 22s49 | 22s46 | 22n28 | 4s 3 | 6n20 |

Julian Day Number = 2598584.5, Delta T = 08m46s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'07, Lahiri = 29°29'08


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## SEPTEMBER 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 40 30 | 8♍41'20 | 13♎ 2 | 25♍45 | 23♋53 | 22♊33 | 29°R 7 | 21°R 4 | 6♐42 | 22♋21 | 0♋29 | 17°R28 | 17♐ 9 | 27♊19 | 4°R 6 | S 1 |
| M 2 | 22 44 26 | 9°39'14 | 26°38 | 27°23 | 24°43 | 23°10 | 29♈ 4 | 21♑ 2 | 6°43 | 22°22 | 0°30 | 17♐20 | 17° 6 | 27°26 | 4♓ 3 | M 2 |
| T 3 | 22 48 23 | 10°37'10 | 10♏23 | 28°59 | 25°32 | 23°47 | 29° 1 | 21° 0 | 6°44 | 22°24 | 0°30 | 17°15 | 17° 2 | 27°33 | 4° 0 | T 3 |
| W 4 | 22 52 20 | 11°35'07 | 24°15 | 0♎34 | 26°23 | 24°23 | 28°58 | 20°58 | 6°45 | 22°26 | 0°31 | 17°12 | 16°59 | 27°39 | 3°57 | W 4 |
| T 5 | 22 56 16 | 12°33'06 | 8♐14 | 2° 8 | 27°14 | 25° 0 | 28°55 | 20°56 | 6°46 | 22°27 | 0°32 | 17°12 | 16°56 | 27°46 | 3°54 | T 5 |
| F 6 | 23 0 13 | 13°31'05 | 22°20 | 3°40 | 28° 6 | 25°36 | 28°52 | 20°54 | 6°47 | 22°29 | 0°32 | 17°12 | 16°53 | 27°53 | 3°51 | F 6 |
| S 7 | 23 4 9 | 14°29'06 | 6♑32 | 5°11 | 28°59 | 26°12 | 28°48 | 20°52 | 6°48 | 22°30 | 0°33 | 17°11 | 16°50 | 27°59 | 3°48 | S 7 |
| S 8 | 23 8 6 | 15°27'08 | 20°48 | 6°41 | 29°52 | 26°48 | 28°44 | 20°51 | 6°49 | 22°32 | 0°33 | 17° 8 | 16°47 | 28° 6 | 3°45 | S 8 |
| M 9 | 23 12 2 | 16°25'12 | 5♒ 5 | 8° 9 | 0♌46 | 27°23 | 28°40 | 20°49 | 6°51 | 22°33 | 0°34 | 17° 3 | 16°43 | 28°12 | 3°42 | M 9 |
| T 10 | 23 15 59 | 17°23'17 | 19°21 | 9°36 | 1°40 | 27°59 | 28°36 | 20°48 | 6°52 | 22°35 | 0°34 | 16°55 | 16°40 | 28°19 | 3°39 | T 10 |
| W11 | 23 19 55 | 18°21'23 | 3♓30 | 11° 2 | 2°35 | 28°34 | 28°32 | 20°46 | 6°53 | 22°36 | 0°34 | 16°45 | 16°37 | 28°26 | 3°36 | W11 |
| T 12 | 23 23 52 | 19°19'31 | 17°27 | 12°27 | 3°30 | 29° 9 | 28°27 | 20°45 | 6°55 | 22°37 | 0°35 | 16°33 | 16°34 | 28°32 | 3°33 | T 12 |
| F 13 | 23 27 49 | 20°17'41 | 1♈ 8 | 13°50 | 4°26 | 29°44 | 28°23 | 20°44 | 6°56 | 22°39 | 0°35 | 16°21 | 16°31 | 28°39 | 3°30 | F 13 |
| S 14 | 23 31 45 | 21°15'52 | 14°29 | 15°11 | 5°23 | 0♋19 | 28°18 | 20°43 | 6°57 | 22°40 | 0°36 | 16° 9 | 16°27 | 28°46 | 3°27 | S 14 |
| S 15 | 23 35 42 | 22°14'06 | 27°28 | 16°31 | 6°20 | 0°54 | 28°13 | 20°42 | 6°59 | 22°42 | 0°36 | 16° 0 | 16°24 | 28°52 | 3°24 | S 15 |
| M16 | 23 39 38 | 23°12'21 | 10♉ 6 | 17°50 | 7°17 | 1°28 | 28° 8 | 20°41 | 7° 1 | 22°43 | 0°36 | 15°53 | 16°21 | 28°59 | 3°21 | M16 |
| T 17 | 23 43 35 | 24°10'38 | 22°26 | 19° 7 | 8°15 | 2° 2 | 28° 2 | 20°40 | 7° 2 | 22°44 | 0°37 | 15°49 | 16°18 | 29° 6 | 3°18 | T 17 |
| W18 | 23 47 31 | 25° 8'57 | 4♊31 | 20°22 | 9°14 | 2°36 | 27°57 | 20°39 | 7° 4 | 22°45 | 0°37 | 15°47 | 16°15 | 29°12 | 3°16 | W18 |
| T 19 | 23 51 28 | 26° 7'19 | 16°25 | 21°36 | 10°12 | 3°10 | 27°51 | 20°38 | 7° 6 | 22°47 | 0°37 | 15°D47 | 16°12 | 29°19 | 3°13 | T 19 |
| F 20 | 23 55 24 | 27° 5'42 | 28°14 | 22°48 | 11°12 | 3°44 | 27°45 | 20°38 | 7° 7 | 22°48 | 0°37 | 15°R47 | 16° 8 | 29°26 | 3°10 | F 20 |
| S 21 | 23 59 21 | 28° 4'08 | 10♋ 3 | 23°59 | 12°11 | 4°17 | 27°39 | 20°37 | 7° 9 | 22°49 | 0°38 | 15°46 | 16° 5 | 29°32 | 3° 7 | S 21 |
| S 22 | 0 3 18 | 29° 2'36 | 21°58 | 25° 7 | 13°11 | 4°50 | 27°33 | 20°37 | 7°11 | 22°50 | 0°38 | 15°44 | 16° 2 | 29°39 | 3° 5 | S 22 |
| M23 | 0 7 14 | 0♎ 1'05 | 4♌ 3 | 26°13 | 14°12 | 5°23 | 27°27 | 20°37 | 7°13 | 22°51 | 0°38 | 15°40 | 15°59 | 29°46 | 3° 2 | M23 |
| T 24 | 0 11 11 | 0°59'37 | 16°23 | 27°17 | 15°13 | 5°56 | 27°20 | 20°37 | 7°15 | 22°52 | 0°38 | 15°33 | 15°56 | 29°52 | 2°59 | T 24 |
| W25 | 0 15 7 | 1°58'11 | 29° 1 | 28°19 | 16°14 | 6°28 | 27°14 | 20°D37 | 7°17 | 22°53 | 0°38 | 15°23 | 15°52 | 29°59 | 2°57 | W25 |
| T 26 | 0 19 4 | 2°56'47 | 11♍59 | 29°19 | 17°16 | 7° 0 | 27° 7 | 20°37 | 7°19 | 22°54 | 0°38 | 15°12 | 15°49 | 0♋ 6 | 2°54 | T 26 |
| F 27 | 0 23 0 | 3°55'25 | 25°16 | 0♏15 | 18°18 | 7°32 | 27° 1 | 20°37 | 7°21 | 22°55 | 0°39 | 15° 0 | 15°46 | 0°12 | 2°52 | F 27 |
| S 28 | 0 26 57 | 4°54'04 | 8♎51 | 1° 9 | 19°20 | 8° 4 | 26°54 | 20°37 | 7°23 | 22°56 | 0°39 | 14°49 | 15°43 | 0°19 | 2°49 | S 28 |
| S 29 | 0 30 53 | 5°52'46 | 22°41 | 2° 0 | 20°22 | 8°35 | 26°47 | 20°38 | 7°26 | 22°57 | 0°39 | 14°39 | 15°40 | 0°25 | 2°47 | S 29 |
| M30 | 0 34 50 | 6♎51'30 | 6♏42 | 2♏48 | 21♌25 | 9♋ 7 | 26♈39 | 20♑38 | 7♐28 | 22♋58 | 0♋39 | 14♐32 | 15♐37 | 0♋32 | 2♓44 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n18 | 9s19 | 4s32 | 2n13 | 0n35 | 17n26 | 3s54 | 22n42 | 0s28 | 9n45 | 1s29 | 21s39 | 0n 5 | 21s18 | 0n 5 | 20n49 | 0s43 | 15n38 | 7s45 | 22s48 | 22s46 | 22n27 | 4s 4 | 6n20 |
| M 2 | 7 56 | 13 53 | 3 54 | 1 28 | 0 28 | 17 24 | 3 48 | 22 45 | 0 27 | 9 44 | 1 29 | 21 40 | 0 5 | 21 18 | 0 5 | 20 49 | 0 43 | 15 38 | 7 45 | 22 47 | 22 46 | 22 26 | 4 5 | 6 20 |
| T 3 | 7 34 | 17 46 | 3 2 | 0 43 | 0 21 | 17 21 | 3 42 | 22 48 | 0 26 | 9 42 | 1 30 | 21 40 | 0 5 | 21 18 | 0 5 | 20 49 | 0 43 | 15 38 | 7 45 | 22 47 | 22 45 | 22 25 | 4 6 | 6 20 |
| W 4 | 7 12 | 20 42 | 1 58 | 0s 2 | 0 13 | 17 17 | 3 36 | 22 51 | 0 25 | 9 41 | 1 30 | 21 41 | 0 5 | 21 18 | 0 5 | 20 49 | 0 43 | 15 38 | 7 45 | 22 46 | 22 45 | 22 25 | 4 8 | 6 20 |
| T 5 | 6 50 | 22 25 | 0 47 | 0 46 | 0 5 | 17 14 | 3 30 | 22 54 | 0 24 | 9 40 | 1 30 | 21 41 | 0 5 | 21 18 | 0 5 | 20 48 | 0 43 | 15 38 | 7 45 | 22 46 | 22 45 | 22 24 | 4 9 | 6 20 |
| F 6 | 6 28 | 22 43 | 0n27 | 1 30 | 0s 3 | 17 9 | 3 24 | 22 56 | 0 23 | 9 38 | 1 30 | 21 41 | 0 5 | 21 19 | 0 5 | 20 48 | 0 43 | 15 38 | 7 45 | 22 46 | 22 44 | 22 23 | 4 10 | 6 20 |
| S 7 | 6 6 | 21 33 | 1 40 | 2 13 | 0 11 | 17 5 | 3 18 | 22 58 | 0 22 | 9 37 | 1 30 | 21 42 | 0 5 | 21 19 | 0 5 | 20 48 | 0 43 | 15 38 | 7 45 | 22 46 | 22 44 | 22 22 | 4 11 | 6 20 |
| S 8 | 5 43 | 19 1 | 2 48 | 2 56 | 0 19 | 17 0 | 3 13 | 23 0 | 0 20 | 9 35 | 1 31 | 21 42 | 0 5 | 21 19 | 0 5 | 20 48 | 0 43 | 15 38 | 7 46 | 22 46 | 22 44 | 22 22 | 4 13 | 6 19 |
| M 9 | 5 21 | 15 19 | 3 44 | 3 38 | 0 27 | 16 54 | 3 7 | 23 2 | 0 19 | 9 34 | 1 31 | 21 42 | 0 4 | 21 19 | 0 5 | 20 47 | 0 44 | 15 37 | 7 46 | 22 45 | 22 44 | 22 21 | 4 14 | 6 19 |
| T 10 | 4 58 | 10 45 | 4 27 | 4 20 | 0 35 | 16 49 | 3 1 | 23 4 | 0 18 | 9 32 | 1 31 | 21 43 | 0 4 | 21 20 | 0 5 | 20 47 | 0 44 | 15 37 | 7 46 | 22 45 | 22 43 | 22 20 | 4 15 | 6 19 |
| W11 | 4 36 | 5 39 | 4 53 | 5 1 | 0 43 | 16 42 | 2 55 | 23 6 | 0 17 | 9 30 | 1 31 | 21 43 | 0 4 | 21 20 | 0 5 | 20 47 | 0 44 | 15 37 | 7 46 | 22 44 | 22 43 | 22 19 | 4 16 | 6 19 |
| T 12 | 4 13 | 0 20 | 5 0 | 5 42 | 0 52 | 16 36 | 2 49 | 23 7 | 0 16 | 9 29 | 1 32 | 21 43 | 0 4 | 21 20 | 0 5 | 20 47 | 0 44 | 15 37 | 7 46 | 22 43 | 22 43 | 22 18 | 4 17 | 6 19 |
| F 13 | 3 50 | 4n54 | 4 51 | 6 22 | 1 0 | 16 28 | 2 43 | 23 9 | 0 14 | 9 27 | 1 32 | 21 43 | 0 4 | 21 20 | 0 5 | 20 46 | 0 44 | 15 37 | 7 46 | 22 41 | 22 42 | 22 18 | 4 19 | 6 19 |
| S 14 | 3 27 | 9 46 | 4 25 | 7 1 | 1 9 | 16 21 | 2 37 | 23 10 | 0 13 | 9 25 | 1 32 | 21 44 | 0 4 | 21 21 | 0 5 | 20 46 | 0 44 | 15 37 | 7 46 | 22 40 | 22 42 | 22 17 | 4 20 | 6 18 |
| S 15 | 3 4 | 14 4 | 3 46 | 7 40 | 1 17 | 16 13 | 2 31 | 23 11 | 0 12 | 9 23 | 1 32 | 21 44 | 0 4 | 21 21 | 0 5 | 20 46 | 0 44 | 15 37 | 7 46 | 22 39 | 22 42 | 22 16 | 4 21 | 6 18 |
| M16 | 2 41 | 17 37 | 2 57 | 8 18 | 1 25 | 16 4 | 2 25 | 23 12 | 0 11 | 9 21 | 1 32 | 21 44 | 0 4 | 21 21 | 0 5 | 20 46 | 0 44 | 15 37 | 7 47 | 22 38 | 22 41 | 22 15 | 4 22 | 6 18 |
| T 17 | 2 18 | 20 17 | 2 0 | 8 55 | 1 34 | 15 55 | 2 19 | 23 13 | 0 9 | 9 19 | 1 32 | 21 44 | 0 4 | 21 21 | 0 5 | 20 45 | 0 44 | 15 36 | 7 47 | 22 38 | 22 41 | 22 14 | 4 23 | 6 18 |
| W18 | 1 55 | 21 58 | 0 59 | 9 31 | 1 42 | 15 46 | 2 13 | 23 14 | 0 8 | 9 17 | 1 33 | 21 45 | 0 4 | 21 22 | 0 5 | 20 45 | 0 44 | 15 36 | 7 47 | 22 38 | 22 41 | 22 14 | 4 25 | 6 18 |
| T 19 | 1 32 | 22 38 | 0s 3 | 10 7 | 1 50 | 15 36 | 2 7 | 23 14 | 0 7 | 9 14 | 1 33 | 21 45 | 0 4 | 21 22 | 0 5 | 20 45 | 0 44 | 15 36 | 7 47 | 22 38 | 22 40 | 22 13 | 4 26 | 6 17 |
| F 20 | 1 9 | 22 17 | 1 6 | 10 41 | 1 59 | 15 26 | 2 1 | 23 15 | 0 5 | 9 12 | 1 33 | 21 45 | 0 4 | 21 22 | 0 5 | 20 45 | 0 44 | 15 36 | 7 47 | 22 38 | 22 40 | 22 12 | 4 27 | 6 17 |
| S 21 | 0 46 | 20 56 | 2 5 | 11 15 | 2 7 | 15 15 | 1 56 | 23 15 | 0 4 | 9 10 | 1 33 | 21 45 | 0 3 | 21 23 | 0 5 | 20 45 | 0 44 | 15 36 | 7 47 | 22 38 | 22 40 | 22 11 | 4 28 | 6 17 |
| S 22 | 0 23 | 18 39 | 3 0 | 11 47 | 2 15 | 15 4 | 1 50 | 23 15 | 0 3 | 9 8 | 1 33 | 21 45 | 0 3 | 21 23 | 0 5 | 20 44 | 0 44 | 15 36 | 7 47 | 22 38 | 22 39 | 22 10 | 4 29 | 6 17 |
| M23 | 0s 0 | 15 32 | 3 47 | 12 19 | 2 22 | 14 52 | 1 44 | 23 15 | 0 1 | 9 5 | 1 33 | 21 45 | 0 3 | 21 23 | 0 5 | 20 44 | 0 44 | 15 36 | 7 47 | 22 37 | 22 39 | 22 9 | 4 31 | 6 16 |
| T 24 | 0 24 | 11 41 | 4 24 | 12 49 | 2 30 | 14 40 | 1 38 | 23 15 | 0n 0 | 9 3 | 1 34 | 21 45 | 0 3 | 21 24 | 0 5 | 20 44 | 0 44 | 15 36 | 7 48 | 22 36 | 22 39 | 22 9 | 4 32 | 6 16 |
| W25 | 0 47 | 7 15 | 4 50 | 13 18 | 2 37 | 14 28 | 1 33 | 23 15 | 0 1 | 9 0 | 1 34 | 21 46 | 0 3 | 21 24 | 0 5 | 20 44 | 0 44 | 15 35 | 7 48 | 22 35 | 22 38 | 22 8 | 4 33 | 6 16 |
| T 26 | 1 10 | 2 24 | 5 2 | 13 46 | 2 45 | 14 15 | 1 27 | 23 15 | 0 3 | 8 58 | 1 34 | 21 46 | 0 3 | 21 24 | 0 5 | 20 44 | 0 44 | 15 35 | 7 48 | 22 34 | 22 38 | 22 7 | 4 34 | 6 16 |
| F 27 | 1 33 | 2s40 | 4 57 | 14 13 | 2 52 | 14 1 | 1 21 | 23 15 | 0 4 | 8 55 | 1 34 | 21 46 | 0 3 | 21 25 | 0 5 | 20 44 | 0 44 | 15 35 | 7 48 | 22 33 | 22 38 | 22 6 | 4 35 | 6 15 |
| S 28 | 1 57 | 7 44 | 4 36 | 14 38 | 2 58 | 13 47 | 1 16 | 23 14 | 0 6 | 8 53 | 1 34 | 21 46 | 0 3 | 21 25 | 0 5 | 20 43 | 0 44 | 15 35 | 7 48 | 22 31 | 22 37 | 22 5 | 4 36 | 6 15 |
| S 29 | 2 20 | 12 30 | 3 59 | 15 2 | 3 5 | 13 33 | 1 10 | 23 14 | 0 7 | 8 50 | 1 34 | 21 46 | 0 3 | 21 25 | 0 5 | 20 43 | 0 44 | 15 35 | 7 48 | 22 30 | 22 37 | 22 4 | 4 38 | 6 15 |
| M30 | 2s43 | 16s39 | 3s 6 | 15s24 | 3s11 | 13n18 | 1s 5 | 23n13 | 0n 9 | 8n48 | 1s34 | 21s46 | 0n 3 | 21s26 | 0n 5 | 20n43 | 0s44 | 15n35 | 7s48 | 22s29 | 22s37 | 22n 3 | 4s39 | 6n14 |

Julian Day Number = 2598615.5, Delta T = 08m46s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'11, Lahiri = 29°29'12


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## OCTOBER 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 38 46 | 7♎50'15 | 20♏49 | 3♏32 | 22♌29 | 9♋37 | 26°R32 | 20♑39 | 7♐30 | 22♋59 | 0°R39 | 14°R27 | 15♐33 | 0♋39 | 2°R42 | T 1 |
| W 2 | 0 42 43 | 8°49'03 | 5♐ 0 | 4°12 | 23°32 | 10° 8 | 26♈25 | 20°39 | 7°32 | 23° 0 | 0♋39 | 14♐25 | 15°30 | 0°45 | 2♓40 | W 2 |
| T 3 | 0 46 40 | 9°47'52 | 19°11 | 4°48 | 24°36 | 10°38 | 26°18 | 20°40 | 7°35 | 23° 1 | 0°39 | 14°D25 | 15°27 | 0°52 | 2°37 | T 3 |
| F 4 | 0 50 36 | 10°46'43 | 3♑20 | 5°20 | 25°40 | 11° 9 | 26°10 | 20°41 | 7°37 | 23° 1 | 0°39 | 14°25 | 15°24 | 0°59 | 2°35 | F 4 |
| S 5 | 0 54 33 | 11°45'35 | 17°27 | 5°46 | 26°44 | 11°38 | 26° 2 | 20°42 | 7°39 | 23° 2 | 0°38 | 14°R25 | 15°21 | 1° 5 | 2°33 | S 5 |
| S 6 | 0 58 29 | 12°44'29 | 1♒30 | 6° 8 | 27°49 | 12° 8 | 25°55 | 20°43 | 7°42 | 23° 3 | 0°38 | 14°24 | 15°18 | 1°12 | 2°31 | S 6 |
| M 7 | 1 2 26 | 13°43'25 | 15°27 | 6°23 | 28°54 | 12°37 | 25°47 | 20°44 | 7°44 | 23° 3 | 0°38 | 14°20 | 15°14 | 1°19 | 2°29 | M 7 |
| T 8 | 1 6 22 | 14°42'22 | 29°19 | 6°33 | 29°59 | 13° 6 | 25°39 | 20°45 | 7°47 | 23° 4 | 0°38 | 14°14 | 15°11 | 1°25 | 2°27 | T 8 |
| W 9 | 1 10 19 | 15°41'21 | 13♓ 1 | 6°R35 | 1♍ 4 | 13°35 | 25°32 | 20°46 | 7°50 | 23° 5 | 0°38 | 14° 5 | 15° 8 | 1°32 | 2°25 | W 9 |
| T 10 | 1 14 15 | 16°40'22 | 26°33 | 6°31 | 2°10 | 14° 3 | 25°24 | 20°48 | 7°52 | 23° 5 | 0°38 | 13°56 | 15° 5 | 1°39 | 2°23 | T 10 |
| F 11 | 1 18 12 | 17°39'25 | 9♈51 | 6°20 | 3°16 | 14°31 | 25°16 | 20°49 | 7°55 | 23° 6 | 0°37 | 13°46 | 15° 2 | 1°45 | 2°21 | F 11 |
| S 12 | 1 22 9 | 18°38'30 | 22°53 | 6° 1 | 4°22 | 14°59 | 25° 8 | 20°51 | 7°58 | 23° 6 | 0°37 | 13°37 | 14°58 | 1°52 | 2°19 | S 12 |
| S 13 | 1 26 5 | 19°37'37 | 5♉39 | 5°34 | 5°29 | 15°26 | 25° 0 | 20°53 | 8° 0 | 23° 7 | 0°37 | 13°29 | 14°55 | 1°59 | 2°17 | S 13 |
| M14 | 1 30 2 | 20°36'46 | 18° 8 | 4°59 | 6°35 | 15°53 | 24°52 | 20°55 | 8° 3 | 23° 7 | 0°37 | 13°23 | 14°52 | 2° 5 | 2°16 | M14 |
| T 15 | 1 33 58 | 21°35'57 | 0♊23 | 4°16 | 7°42 | 16°20 | 24°44 | 20°57 | 8° 6 | 23° 8 | 0°36 | 13°20 | 14°49 | 2°12 | 2°14 | T 15 |
| W16 | 1 37 55 | 22°35'10 | 12°24 | 3°25 | 8°49 | 16°46 | 24°36 | 20°59 | 8° 9 | 23° 8 | 0°36 | 13°D19 | 14°46 | 2°18 | 2°12 | W16 |
| T 17 | 1 41 51 | 23°34'26 | 24°17 | 2°28 | 9°56 | 17°12 | 24°27 | 21° 1 | 8°12 | 23° 8 | 0°36 | 13°20 | 14°43 | 2°25 | 2°11 | T 17 |
| F 18 | 1 45 48 | 24°33'44 | 6♋ 6 | 1°25 | 11° 4 | 17°38 | 24°19 | 21° 3 | 8°14 | 23° 9 | 0°35 | 13°21 | 14°39 | 2°32 | 2° 9 | F 18 |
| S 19 | 1 49 44 | 25°33'04 | 17°54 | 0°16 | 12°12 | 18° 3 | 24°11 | 21° 5 | 8°17 | 23° 9 | 0°35 | 13°22 | 14°36 | 2°38 | 2° 8 | S 19 |
| S 20 | 1 53 41 | 26°32'27 | 29°49 | 29♎ 5 | 13°19 | 18°28 | 24° 3 | 21° 8 | 8°20 | 23° 9 | 0°35 | 13°R23 | 14°33 | 2°45 | 2° 6 | S 20 |
| M21 | 1 57 38 | 27°31'51 | 11♌54 | 27°52 | 14°28 | 18°53 | 23°55 | 21°10 | 8°23 | 23° 9 | 0°34 | 13°21 | 14°30 | 2°52 | 2° 5 | M21 |
| T 22 | 2 1 34 | 28°31'18 | 24°15 | 26°40 | 15°36 | 19°17 | 23°47 | 21°13 | 8°26 | 23° 9 | 0°34 | 13°18 | 14°27 | 2°58 | 2° 4 | T 22 |
| W23 | 2 5 31 | 29°30'48 | 6♍56 | 25°31 | 16°44 | 19°40 | 23°39 | 21°15 | 8°29 | 23°10 | 0°33 | 13°13 | 14°24 | 3° 5 | 2° 2 | W23 |
| T 24 | 2 9 27 | 0♏30'19 | 20° 0 | 24°27 | 17°53 | 20° 4 | 23°31 | 21°18 | 8°33 | 23°10 | 0°33 | 13° 7 | 14°20 | 3°12 | 2° 1 | T 24 |
| F 25 | 2 13 24 | 1°29'53 | 3♎28 | 23°29 | 19° 2 | 20°27 | 23°23 | 21°21 | 8°36 | 23°10 | 0°32 | 13° 0 | 14°17 | 3°18 | 2° 0 | F 25 |
| S 26 | 2 17 20 | 2°29'28 | 17°18 | 22°39 | 20°11 | 20°49 | 23°15 | 21°24 | 8°39 | 23°R10 | 0°32 | 12°53 | 14°14 | 3°25 | 1°59 | S 26 |
| S 27 | 2 21 17 | 3°29'06 | 1♏29 | 22° 0 | 21°20 | 21°11 | 23° 7 | 21°27 | 8°42 | 23°10 | 0°31 | 12°47 | 14°11 | 3°32 | 1°58 | S 27 |
| M28 | 2 25 13 | 4°28'46 | 15°54 | 21°30 | 22°29 | 21°32 | 23° 0 | 21°30 | 8°45 | 23°10 | 0°31 | 12°43 | 14° 8 | 3°38 | 1°57 | M28 |
| T 29 | 2 29 10 | 5°28'28 | 0♐28 | 21°12 | 23°39 | 21°54 | 22°52 | 21°33 | 8°48 | 23°10 | 0°30 | 12°40 | 14° 4 | 3°45 | 1°56 | T 29 |
| W30 | 2 33 7 | 6°28'12 | 15° 5 | 21°D 6 | 24°48 | 22°14 | 22°44 | 21°36 | 8°52 | 23°10 | 0°29 | 12°D40 | 14° 1 | 3°52 | 1°55 | W30 |
| T 31 | 2 37 3 | 7♏27'58 | 29♐38 | 21♎10 | 25♍58 | 22♋34 | 22♈37 | 21♑40 | 8♐55 | 23♋ 9 | 0♋29 | 12♐41 | 13♐58 | 3♋58 | 1♓55 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 6 | 19s53 | 2s 2 | 15s44 | 3s16 | 13n 3 | 1s 0 | 23n12 | 0n10 | 8n45 | 1s34 | 21s46 | 0n 3 | 21s26 | 0n 5 | 20n43 | 0s44 | 15n35 | 7s48 | 22s29 | 22s36 | 22n 3 | 4s40 | 6n14 |
| W 2 | 3 29 | 21 54 | 0 50 | 16 3 | 3 21 | 12 47 | 0 54 | 23 12 | 0 12 | 8 42 | 1 34 | 21 46 | 0 2 | 21 27 | 0 5 | 20 43 | 0 44 | 15 35 | 7 49 | 22 29 | 22 36 | 22 2 | 4 41 | 6 14 |
| T 3 | 3 52 | 22 31 | 0n25 | 16 19 | 3 26 | 12 31 | 0 49 | 23 11 | 0 13 | 8 39 | 1 34 | 21 46 | 0 2 | 21 27 | 0 5 | 20 43 | 0 44 | 15 34 | 7 49 | 22 29 | 22 36 | 22 1 | 4 42 | 6 13 |
| F 4 | 4 15 | 21 41 | 1 39 | 16 34 | 3 30 | 12 15 | 0 44 | 23 10 | 0 15 | 8 37 | 1 35 | 21 46 | 0 2 | 21 27 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 29 | 22 35 | 22 0 | 4 43 | 6 13 |
| S 5 | 4 38 | 19 30 | 2 47 | 16 46 | 3 33 | 11 58 | 0 39 | 23 9 | 0 16 | 8 34 | 1 35 | 21 46 | 0 2 | 21 28 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 29 | 22 35 | 21 59 | 4 44 | 6 13 |
| S 6 | 5 1 | 16 8 | 3 44 | 16 55 | 3 36 | 11 41 | 0 34 | 23 8 | 0 18 | 8 31 | 1 35 | 21 46 | 0 2 | 21 28 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 29 | 22 35 | 21 58 | 4 45 | 6 12 |
| M 7 | 5 24 | 11 54 | 4 27 | 17 2 | 3 37 | 11 23 | 0 29 | 23 7 | 0 20 | 8 28 | 1 35 | 21 45 | 0 2 | 21 29 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 28 | 22 34 | 21 57 | 4 46 | 6 12 |
| T 8 | 5 47 | 7 5 | 4 55 | 17 6 | 3 38 | 11 5 | 0 24 | 23 6 | 0 21 | 8 25 | 1 35 | 21 45 | 0 2 | 21 29 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 27 | 22 34 | 21 56 | 4 47 | 6 12 |
| W 9 | 6 10 | 1 58 | 5 5 | 17 7 | 3 38 | 10 47 | 0 19 | 23 4 | 0 23 | 8 23 | 1 35 | 21 45 | 0 2 | 21 29 | 0 5 | 20 42 | 0 44 | 15 34 | 7 49 | 22 26 | 22 34 | 21 55 | 4 48 | 6 11 |
| T 10 | 6 32 | 3n11 | 4 58 | 17 4 | 3 36 | 10 28 | 0 14 | 23 3 | 0 24 | 8 20 | 1 35 | 21 45 | 0 2 | 21 30 | 0 5 | 20 42 | 0 44 | 15 34 | 7 50 | 22 25 | 22 33 | 21 54 | 4 49 | 6 11 |
| F 11 | 6 55 | 8 6 | 4 34 | 16 57 | 3 33 | 10 9 | 0 9 | 23 2 | 0 26 | 8 17 | 1 35 | 21 45 | 0 2 | 21 30 | 0 5 | 20 42 | 0 44 | 15 33 | 7 50 | 22 24 | 22 33 | 21 53 | 4 50 | 6 11 |
| S 12 | 7 17 | 12 33 | 3 57 | 16 47 | 3 29 | 9 49 | 0 4 | 23 0 | 0 28 | 8 14 | 1 35 | 21 45 | 0 2 | 21 31 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 23 | 22 33 | 21 52 | 4 51 | 6 10 |
| S 13 | 7 40 | 16 20 | 3 8 | 16 32 | 3 23 | 9 29 | 0n 0 | 22 59 | 0 29 | 8 11 | 1 35 | 21 45 | 0 2 | 21 31 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 22 | 22 32 | 21 52 | 4 52 | 6 10 |
| M14 | 8 2 | 19 18 | 2 11 | 16 13 | 3 16 | 9 9 | 0 5 | 22 58 | 0 31 | 8 8 | 1 35 | 21 44 | 0 1 | 21 32 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 21 | 22 32 | 21 51 | 4 53 | 6 10 |
| T 15 | 8 24 | 21 19 | 1 9 | 15 50 | 3 6 | 8 48 | 0 9 | 22 56 | 0 33 | 8 5 | 1 35 | 21 44 | 0 1 | 21 32 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 21 | 22 31 | 21 50 | 4 54 | 6 9 |
| W16 | 8 46 | 22 19 | 0 5 | 15 22 | 2 55 | 8 27 | 0 14 | 22 55 | 0 35 | 8 2 | 1 35 | 21 44 | 0 1 | 21 33 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 21 | 22 31 | 21 49 | 4 55 | 6 9 |
| T 17 | 9 8 | 22 17 | 0s59 | 14 50 | 2 42 | 8 6 | 0 18 | 22 53 | 0 37 | 7 59 | 1 35 | 21 44 | 0 1 | 21 33 | 0 5 | 20 41 | 0 44 | 15 33 | 7 50 | 22 21 | 22 31 | 21 48 | 4 56 | 6 8 |
| F 18 | 9 30 | 21 15 | 2 0 | 14 14 | 2 27 | 7 45 | 0 22 | 22 52 | 0 38 | 7 56 | 1 35 | 21 43 | 0 1 | 21 33 | 0 5 | 20 41 | 0 44 | 15 33 | 7 51 | 22 21 | 22 30 | 21 47 | 4 57 | 6 8 |
| S 19 | 9 51 | 19 17 | 2 56 | 13 35 | 2 11 | 7 23 | 0 26 | 22 50 | 0 40 | 7 53 | 1 35 | 21 43 | 0 1 | 21 34 | 0 5 | 20 41 | 0 44 | 15 32 | 7 51 | 22 21 | 22 30 | 21 46 | 4 58 | 6 8 |
| S 20 | 10 13 | 16 29 | 3 45 | 12 53 | 1 53 | 7 0 | 0 30 | 22 49 | 0 42 | 7 50 | 1 35 | 21 43 | 0 1 | 21 34 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 21 | 22 30 | 21 45 | 4 59 | 6 7 |
| M21 | 10 34 | 12 57 | 4 25 | 12 9 | 1 34 | 6 38 | 0 34 | 22 47 | 0 44 | 7 48 | 1 35 | 21 43 | 0 1 | 21 35 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 21 | 22 29 | 21 44 | 5 0 | 6 7 |
| T 22 | 10 56 | 8 48 | 4 53 | 11 25 | 1 14 | 6 15 | 0 38 | 22 46 | 0 46 | 7 45 | 1 35 | 21 42 | 0 1 | 21 35 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 21 | 22 29 | 21 43 | 5 0 | 6 6 |
| W23 | 11 17 | 4 10 | 5 8 | 10 40 | 0 53 | 5 52 | 0 42 | 22 44 | 0 48 | 7 42 | 1 35 | 21 42 | 0 1 | 21 36 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 20 | 22 29 | 21 42 | 5 1 | 6 6 |
| T 24 | 11 37 | 0s46 | 5 7 | 9 57 | 0 32 | 5 29 | 0 46 | 22 43 | 0 50 | 7 39 | 1 34 | 21 42 | 0 1 | 21 36 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 19 | 22 28 | 21 41 | 5 2 | 6 6 |
| F 25 | 11 58 | 5 49 | 4 50 | 9 17 | 0 12 | 5 5 | 0 49 | 22 41 | 0 52 | 7 36 | 1 34 | 21 41 | 0 1 | 21 37 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 18 | 22 28 | 21 40 | 5 3 | 6 5 |
| S 26 | 12 19 | 10 43 | 4 16 | 8 41 | 0n 8 | 4 42 | 0 53 | 22 40 | 0 54 | 7 33 | 1 34 | 21 41 | 0 1 | 21 37 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 18 | 22 27 | 21 39 | 5 3 | 6 5 |
| S 27 | 12 39 | 15 10 | 3 25 | 8 8 | 0 26 | 4 18 | 0 56 | 22 38 | 0 56 | 7 30 | 1 34 | 21 40 | 0 0 | 21 38 | 0 4 | 20 41 | 0 44 | 15 32 | 7 51 | 22 17 | 22 27 | 21 38 | 5 4 | 6 4 |
| M28 | 12 59 | 18 48 | 2 21 | 7 41 | 0 44 | 3 53 | 1 0 | 22 37 | 0 58 | 7 28 | 1 34 | 21 40 | 0 0 | 21 38 | 0 4 | 20 41 | 0 44 | 15 32 | 7 52 | 22 16 | 22 27 | 21 37 | 5 5 | 6 4 |
| T 29 | 13 19 | 21 17 | 1 6 | 7 20 | 1 0 | 3 29 | 1 3 | 22 36 | 1 0 | 7 25 | 1 34 | 21 40 | 0 0 | 21 39 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 26 | 21 36 | 5 6 | 6 4 |
| W30 | 13 39 | 22 20 | 0n13 | 7 4 | 1 14 | 3 4 | 1 6 | 22 34 | 1 2 | 7 22 | 1 34 | 21 39 | 0 0 | 21 39 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 26 | 21 35 | 5 6 | 6 3 |
| T 31 | 13s58 | 21s52 | 1n31 | 6s54 | 1n27 | 2n40 | 1n 9 | 22n33 | 1n 4 | 7n20 | 1s34 | 21s39 | 0n 0 | 21s40 | 0n 4 | 20n41 | 0s44 | 15n31 | 7s52 | 22s16 | 22s26 | 21n34 | 5s 7 | 6n 3 |

Julian Day Number = 2598645.5, Delta T = 08m47s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'15, Lahiri = 29°29'16


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## NOVEMBER 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 41 0 | 8♏27'45 | 14♑ 4 | 21♎25 | 27♍ 8 | 22♋54 | 22°R29 | 21♑43 | 8♐58 | 23°R 9 | 0°R28 | 12♐42 | 13♐55 | 4♋ 5 | 1°R54 | F 1 |
| S 2 | 2 44 56 | 9°27'34 | 28°18 | 21°51 | 28°18 | 23°13 | 22♈22 | 21°47 | 9° 2 | 23♋ 9 | 0♋27 | 12°43 | 13°52 | 4°12 | 1♓53 | S 2 |
| S 3 | 2 48 53 | 10°27'24 | 12♒20 | 22°26 | 29°28 | 23°32 | 22°14 | 21°50 | 9° 5 | 23° 9 | 0°27 | 12°R44 | 13°49 | 4°18 | 1°53 | S 3 |
| M 4 | 2 52 49 | 11°27'16 | 26° 9 | 23° 9 | 0♎39 | 23°50 | 22° 7 | 21°54 | 9° 8 | 23° 9 | 0°26 | 12°43 | 13°45 | 4°25 | 1°52 | M 4 |
| T 5 | 2 56 46 | 12°27'10 | 9♓43 | 24° 1 | 1°49 | 24° 7 | 22° 0 | 21°58 | 9°12 | 23° 8 | 0°25 | 12°41 | 13°42 | 4°32 | 1°52 | T 5 |
| W 6 | 3 0 42 | 13°27'05 | 23° 4 | 24°59 | 3° 0 | 24°24 | 21°53 | 22° 2 | 9°15 | 23° 8 | 0°25 | 12°37 | 13°39 | 4°38 | 1°52 | W 6 |
| T 7 | 3 4 39 | 14°27'02 | 6♈12 | 26° 4 | 4°10 | 24°41 | 21°46 | 22° 6 | 9°19 | 23° 8 | 0°24 | 12°33 | 13°36 | 4°45 | 1°51 | T 7 |
| F 8 | 3 8 35 | 15°27'01 | 19° 6 | 27°14 | 5°21 | 24°57 | 21°39 | 22°10 | 9°22 | 23° 7 | 0°23 | 12°28 | 13°33 | 4°52 | 1°51 | F 8 |
| S 9 | 3 12 32 | 16°27'01 | 1♉47 | 28°28 | 6°32 | 25°12 | 21°33 | 22°14 | 9°26 | 23° 7 | 0°22 | 12°24 | 13°29 | 4°58 | 1°51 | S 9 |
| S 10 | 3 16 29 | 17°27'03 | 14°15 | 29°47 | 7°43 | 25°27 | 21°26 | 22°18 | 9°29 | 23° 6 | 0°21 | 12°20 | 13°26 | 5° 5 | 1°51 | S 10 |
| M11 | 3 20 25 | 18°27'07 | 26°31 | 1♏ 9 | 8°54 | 25°41 | 21°20 | 22°22 | 9°33 | 23° 6 | 0°21 | 12°18 | 13°23 | 5°11 | 1°D51 | M11 |
| T 12 | 3 24 22 | 19°27'13 | 8♊37 | 2°33 | 10° 6 | 25°55 | 21°14 | 22°27 | 9°36 | 23° 5 | 0°20 | 12°D17 | 13°20 | 5°18 | 1°51 | T 12 |
| W13 | 3 28 18 | 20°27'21 | 20°34 | 4° 0 | 11°17 | 26° 8 | 21° 8 | 22°31 | 9°40 | 23° 5 | 0°19 | 12°17 | 13°17 | 5°25 | 1°51 | W13 |
| T 14 | 3 32 15 | 21°27'30 | 2♋24 | 5°29 | 12°29 | 26°20 | 21° 2 | 22°36 | 9°43 | 23° 4 | 0°18 | 12°18 | 13°14 | 5°31 | 1°51 | T 14 |
| F 15 | 3 36 11 | 22°27'42 | 14°12 | 7° 0 | 13°40 | 26°32 | 20°56 | 22°40 | 9°47 | 23° 3 | 0°17 | 12°20 | 13°10 | 5°38 | 1°51 | F 15 |
| S 16 | 3 40 8 | 23°27'56 | 26° 0 | 8°31 | 14°52 | 26°43 | 20°50 | 22°45 | 9°50 | 23° 3 | 0°16 | 12°22 | 13° 7 | 5°45 | 1°51 | S 16 |
| S 17 | 3 44 5 | 24°28'11 | 7♌54 | 10° 4 | 16° 4 | 26°53 | 20°45 | 22°50 | 9°54 | 23° 2 | 0°15 | 12°23 | 13° 4 | 5°51 | 1°52 | S 17 |
| M18 | 3 48 1 | 25°28'29 | 19°58 | 11°38 | 17°16 | 27° 3 | 20°39 | 22°54 | 9°58 | 23° 1 | 0°14 | 12°24 | 13° 1 | 5°58 | 1°52 | M18 |
| T 19 | 3 51 58 | 26°28'48 | 2♍16 | 13°12 | 18°28 | 27°12 | 20°34 | 22°59 | 10° 1 | 23° 1 | 0°14 | 12°R24 | 12°58 | 6° 5 | 1°53 | T 19 |
| W20 | 3 55 54 | 27°29'09 | 14°53 | 14°47 | 19°40 | 27°20 | 20°29 | 23° 4 | 10° 5 | 23° 0 | 0°13 | 12°23 | 12°55 | 6°11 | 1°53 | W20 |
| T 21 | 3 59 51 | 28°29'32 | 27°54 | 16°22 | 20°53 | 27°28 | 20°24 | 23° 9 | 10° 8 | 22°59 | 0°12 | 12°22 | 12°51 | 6°18 | 1°54 | T 21 |
| F 22 | 4 3 47 | 29°29'58 | 11♎20 | 17°58 | 22° 5 | 27°35 | 20°20 | 23°14 | 10°12 | 22°58 | 0°11 | 12°20 | 12°48 | 6°25 | 1°54 | F 22 |
| S 23 | 4 7 44 | 0♐30'25 | 25°13 | 19°33 | 23°17 | 27°41 | 20°15 | 23°19 | 10°16 | 22°57 | 0°10 | 12°18 | 12°45 | 6°31 | 1°55 | S 23 |
| S 24 | 4 11 40 | 1°30'53 | 9♏31 | 21° 9 | 24°30 | 27°46 | 20°11 | 23°24 | 10°19 | 22°56 | 0° 9 | 12°17 | 12°42 | 6°38 | 1°56 | S 24 |
| M25 | 4 15 37 | 2°31'24 | 24°10 | 22°45 | 25°43 | 27°50 | 20° 7 | 23°30 | 10°23 | 22°55 | 0° 8 | 12°16 | 12°39 | 6°45 | 1°57 | M25 |
| T 26 | 4 19 34 | 3°31'56 | 9♐ 4 | 24°20 | 26°55 | 27°54 | 20° 3 | 23°35 | 10°27 | 22°55 | 0° 7 | 12°D16 | 12°35 | 6°51 | 1°58 | T 26 |
| W27 | 4 23 30 | 4°32'30 | 24° 5 | 25°56 | 28° 8 | 27°57 | 19°59 | 23°40 | 10°30 | 22°54 | 0° 6 | 12°16 | 12°32 | 6°58 | 1°59 | W27 |
| T 28 | 4 27 27 | 5°33'05 | 9♑ 4 | 27°32 | 29°21 | 27°59 | 19°56 | 23°46 | 10°34 | 22°53 | 0° 5 | 12°16 | 12°29 | 7° 5 | 2° 0 | T 28 |
| F 29 | 4 31 23 | 6°33'41 | 23°53 | 29° 7 | 0♏34 | 28° 1 | 19°52 | 23°51 | 10°38 | 22°51 | 0° 3 | 12°17 | 12°26 | 7°11 | 2° 1 | F 29 |
| S 30 | 4 35 20 | 7♐34'18 | 8♒27 | 0♐42 | 1♏47 | 28°R 1 | 19♈49 | 23♑57 | 10♐42 | 22♋50 | 0♋ 2 | 12♐17 | 12♐23 | 7♋18 | 2♓ 2 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s18 | 19s56 | 2n43 | 6s50 | 1n38 | 2n15 | 1n12 | 22n32 | 1n 6 | 7n17 | 1s34 | 21s38 | 0n 0 | 21s40 | 0n 4 | 20n41 | 0s44 | 15n31 | 7s52 | 22s16 | 22s25 | 21n33 | 5s 8 | 6n 2 |
| S 2 | 14 37 | 16 48 | 3 44 | 6 51 | 1 47 | 1 49 | 1 15 | 22 31 | 1 8 | 7 14 | 1 33 | 21 38 | 0s 0 | 21 41 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 25 | 21 32 | 5 8 | 6 2 |
| S 3 | 14 55 | 12 44 | 4 30 | 6 56 | 1 54 | 1 24 | 1 18 | 22 30 | 1 11 | 7 12 | 1 33 | 21 37 | 0 0 | 21 42 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 24 | 21 31 | 5 9 | 6 1 |
| M 4 | 15 14 | 8 4 | 5 0 | 7 7 | 2 0 | 0 59 | 1 21 | 22 29 | 1 13 | 7 9 | 1 33 | 21 37 | 0 0 | 21 42 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 24 | 21 30 | 5 9 | 6 1 |
| T 5 | 15 32 | 3 4 | 5 13 | 7 22 | 2 5 | 0 33 | 1 23 | 22 28 | 1 15 | 7 7 | 1 33 | 21 36 | 0 0 | 21 43 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 24 | 21 29 | 5 10 | 6 1 |
| W 6 | 15 50 | 1n58 | 5 8 | 7 40 | 2 8 | 0 8 | 1 26 | 22 27 | 1 17 | 7 4 | 1 33 | 21 36 | 0 0 | 21 43 | 0 4 | 20 41 | 0 44 | 15 31 | 7 52 | 22 16 | 22 23 | 21 28 | 5 10 | 6 0 |
| T 7 | 16 8 | 6 51 | 4 47 | 8 1 | 2 10 | 0s18 | 1 28 | 22 27 | 1 20 | 7 2 | 1 33 | 21 35 | 0 0 | 21 44 | 0 4 | 20 41 | 0 44 | 15 31 | 7 53 | 22 15 | 22 23 | 21 26 | 5 11 | 6 0 |
| F 8 | 16 26 | 11 21 | 4 12 | 8 26 | 2 11 | 0 44 | 1 31 | 22 26 | 1 22 | 7 0 | 1 32 | 21 35 | 0 0 | 21 44 | 0 4 | 20 41 | 0 44 | 15 31 | 7 53 | 22 14 | 22 23 | 21 25 | 5 12 | 5 59 |
| S 9 | 16 43 | 15 16 | 3 25 | 8 52 | 2 11 | 1 10 | 1 33 | 22 26 | 1 24 | 6 57 | 1 32 | 21 34 | 0 1 | 21 45 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 14 | 22 22 | 21 24 | 5 12 | 5 59 |
| S 10 | 17 0 | 18 26 | 2 28 | 9 21 | 2 10 | 1 36 | 1 35 | 22 25 | 1 27 | 6 55 | 1 32 | 21 33 | 0 1 | 21 45 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 22 | 21 23 | 5 12 | 5 58 |
| M11 | 17 17 | 20 43 | 1 26 | 9 51 | 2 8 | 2 2 | 1 37 | 22 25 | 1 29 | 6 53 | 1 32 | 21 33 | 0 1 | 21 46 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 21 | 21 22 | 5 13 | 5 58 |
| T 12 | 17 33 | 22 1 | 0 20 | 10 22 | 2 5 | 2 28 | 1 39 | 22 25 | 1 32 | 6 51 | 1 32 | 21 32 | 0 1 | 21 46 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 21 | 21 21 | 5 13 | 5 58 |
| W13 | 17 49 | 22 18 | 0s46 | 10 55 | 2 2 | 2 55 | 1 41 | 22 25 | 1 34 | 6 49 | 1 31 | 21 31 | 0 1 | 21 47 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 21 | 21 20 | 5 14 | 5 57 |
| T 14 | 18 5 | 21 33 | 1 49 | 11 28 | 1 58 | 3 21 | 1 42 | 22 25 | 1 36 | 6 47 | 1 31 | 21 31 | 0 1 | 21 47 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 20 | 21 19 | 5 14 | 5 57 |
| F 15 | 18 21 | 19 51 | 2 47 | 12 2 | 1 53 | 3 47 | 1 44 | 22 25 | 1 39 | 6 45 | 1 31 | 21 30 | 0 1 | 21 48 | 0 4 | 20 41 | 0 44 | 15 30 | 7 53 | 22 13 | 22 20 | 21 18 | 5 14 | 5 56 |
| S 16 | 18 36 | 17 19 | 3 39 | 12 36 | 1 49 | 4 13 | 1 45 | 22 26 | 1 42 | 6 43 | 1 31 | 21 29 | 0 1 | 21 48 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 19 | 21 17 | 5 15 | 5 56 |
| S 17 | 18 51 | 14 2 | 4 21 | 13 10 | 1 43 | 4 40 | 1 47 | 22 26 | 1 44 | 6 41 | 1 31 | 21 29 | 0 1 | 21 49 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 19 | 21 16 | 5 15 | 5 55 |
| M18 | 19 5 | 10 9 | 4 53 | 13 44 | 1 38 | 5 6 | 1 48 | 22 27 | 1 47 | 6 39 | 1 30 | 21 28 | 0 1 | 21 50 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 19 | 21 15 | 5 15 | 5 55 |
| T 19 | 19 19 | 5 47 | 5 12 | 14 18 | 1 32 | 5 32 | 1 49 | 22 28 | 1 49 | 6 37 | 1 30 | 21 27 | 0 1 | 21 50 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 18 | 21 13 | 5 15 | 5 54 |
| W20 | 19 33 | 1 4 | 5 17 | 14 52 | 1 26 | 5 58 | 1 51 | 22 29 | 1 52 | 6 36 | 1 30 | 21 26 | 0 1 | 21 51 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 18 | 21 12 | 5 16 | 5 54 |
| T 21 | 19 47 | 3s50 | 5 5 | 15 26 | 1 20 | 6 24 | 1 52 | 22 30 | 1 55 | 6 34 | 1 30 | 21 26 | 0 1 | 21 51 | 0 4 | 20 42 | 0 44 | 15 30 | 7 53 | 22 14 | 22 17 | 21 11 | 5 16 | 5 54 |
| F 22 | 20 0 | 8 44 | 4 37 | 15 59 | 1 13 | 6 50 | 1 53 | 22 31 | 1 57 | 6 33 | 1 29 | 21 25 | 0 1 | 21 52 | 0 4 | 20 42 | 0 45 | 15 30 | 7 53 | 22 13 | 22 17 | 21 10 | 5 16 | 5 53 |
| S 23 | 20 13 | 13 20 | 3 53 | 16 31 | 1 7 | 7 16 | 1 53 | 22 33 | 2 0 | 6 31 | 1 29 | 21 24 | 0 2 | 21 52 | 0 4 | 20 42 | 0 45 | 15 30 | 7 54 | 22 13 | 22 17 | 21 9 | 5 16 | 5 53 |
| S 24 | 20 25 | 17 21 | 2 52 | 17 3 | 1 0 | 7 42 | 1 54 | 22 34 | 2 3 | 6 30 | 1 29 | 21 23 | 0 2 | 21 53 | 0 4 | 20 43 | 0 45 | 15 30 | 7 54 | 22 13 | 22 16 | 21 8 | 5 16 | 5 52 |
| M25 | 20 37 | 20 22 | 1 39 | 17 34 | 0 53 | 8 8 | 1 55 | 22 36 | 2 6 | 6 29 | 1 29 | 21 23 | 0 2 | 21 53 | 0 4 | 20 43 | 0 45 | 15 30 | 7 54 | 22 13 | 22 16 | 21 7 | 5 16 | 5 52 |
| T 26 | 20 49 | 22 3 | 0 18 | 18 4 | 0 46 | 8 33 | 1 55 | 22 38 | 2 8 | 6 27 | 1 28 | 21 22 | 0 2 | 21 54 | 0 4 | 20 43 | 0 45 | 15 30 | 7 54 | 22 13 | 22 15 | 21 6 | 5 17 | 5 51 |
| W27 | 21 0 | 22 10 | 1n 5 | 18 34 | 0 39 | 8 59 | 1 56 | 22 40 | 2 11 | 6 26 | 1 28 | 21 21 | 0 2 | 21 54 | 0 4 | 20 43 | 0 45 | 15 29 | 7 54 | 22 13 | 22 15 | 21 4 | 5 17 | 5 51 |
| T 28 | 21 11 | 20 41 | 2 24 | 19 2 | 0 32 | 9 24 | 1 56 | 22 43 | 2 14 | 6 25 | 1 28 | 21 20 | 0 2 | 21 55 | 0 4 | 20 43 | 0 45 | 15 29 | 7 54 | 22 13 | 22 15 | 21 3 | 5 17 | 5 51 |
| F 29 | 21 21 | 17 48 | 3 31 | 19 30 | 0 25 | 9 49 | 1 57 | 22 45 | 2 17 | 6 24 | 1 28 | 21 19 | 0 2 | 21 55 | 0 4 | 20 43 | 0 45 | 15 29 | 7 54 | 22 13 | 22 14 | 21 2 | 5 17 | 5 50 |
| S 30 | 21s31 | 13s51 | 4n24 | 19s57 | 0n18 | 10s14 | 1n57 | 22n48 | 2n20 | 6n23 | 1s27 | 21s18 | 0s 2 | 21s56 | 0n 4 | 20n43 | 0s45 | 15n29 | 7s54 | 22s13 | 22s14 | 21n 1 | 5s17 | 5n50 |

Julian Day Number = 2598676.5, Delta T = 08m47s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'19, Lahiri = 29°29'21


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# ASTRODIENST EPHEMERIS for the year 2402
# geocentric

## DECEMBER 2402 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 39 16 | 8♐34'57 | 22♒40 | 2♐18 | 3♏ 0 | 28°R 1 | 19°R46 | 24♑ 3 | 10♐45 | 22°R49 | 0°R 1 | 12♐18 | 12♐20 | 7♋25 | 2♓ 3 | S 1 |
| M 2 | 4 43 13 | 9°35'36 | 6♓32 | 3°53 | 4°13 | 28♋ 0 | 19♈44 | 24° 8 | 10°49 | 22♋48 | 0♋ 0 | 12°R18 | 12°16 | 7°31 | 2° 5 | M 2 |
| T 3 | 4 47 9 | 10°36'17 | 20° 2 | 5°28 | 5°26 | 27°58 | 19°41 | 24°14 | 10°53 | 22°47 | 29♊59 | 12°18 | 12°13 | 7°38 | 2° 6 | T 3 |
| W 4 | 4 51 6 | 11°36'58 | 3♈12 | 7° 2 | 6°39 | 27°55 | 19°39 | 24°20 | 10°56 | 22°46 | 29°58 | 12°18 | 12°10 | 7°45 | 2° 7 | W 4 |
| T 5 | 4 55 3 | 12°37'41 | 16° 4 | 8°37 | 7°53 | 27°51 | 19°37 | 24°26 | 11° 0 | 22°45 | 29°57 | 12°D18 | 12° 7 | 7°51 | 2° 9 | T 5 |
| F 6 | 4 58 59 | 13°38'25 | 28°40 | 10°12 | 9° 6 | 27°47 | 19°35 | 24°32 | 11° 4 | 22°43 | 29°56 | 12°18 | 12° 4 | 7°58 | 2°10 | F 6 |
| S 7 | 5 2 56 | 14°39'09 | 11♉ 2 | 11°46 | 10°20 | 27°41 | 19°33 | 24°37 | 11° 8 | 22°42 | 29°55 | 12°18 | 12° 1 | 8° 5 | 2°12 | S 7 |
| S 8 | 5 6 52 | 15°39'55 | 23°14 | 13°21 | 11°33 | 27°35 | 19°32 | 24°43 | 11°11 | 22°41 | 29°54 | 12°18 | 11°57 | 8°11 | 2°14 | S 8 |
| M 9 | 5 10 49 | 16°40'42 | 5♊17 | 14°55 | 12°47 | 27°28 | 19°30 | 24°50 | 11°15 | 22°40 | 29°52 | 12°18 | 11°54 | 8°18 | 2°16 | M 9 |
| T 10 | 5 14 45 | 17°41'30 | 17°13 | 16°29 | 14° 0 | 27°20 | 19°29 | 24°56 | 11°19 | 22°38 | 29°51 | 12°R18 | 11°51 | 8°25 | 2°17 | T 10 |
| W11 | 5 18 42 | 18°42'19 | 29° 5 | 18° 3 | 15°14 | 27°11 | 19°28 | 25° 2 | 11°22 | 22°37 | 29°50 | 12°18 | 11°48 | 8°31 | 2°19 | W11 |
| T 12 | 5 22 38 | 19°43'10 | 10♋54 | 19°38 | 16°28 | 27° 2 | 19°28 | 25° 8 | 11°26 | 22°36 | 29°49 | 12°18 | 11°45 | 8°38 | 2°21 | T 12 |
| F 13 | 5 26 35 | 20°44'01 | 22°42 | 21°12 | 17°41 | 26°51 | 19°27 | 25°14 | 11°30 | 22°34 | 29°48 | 12°16 | 11°41 | 8°45 | 2°23 | F 13 |
| S 14 | 5 30 32 | 21°44'54 | 4♌33 | 22°46 | 18°55 | 26°40 | 19°27 | 25°20 | 11°33 | 22°33 | 29°47 | 12°15 | 11°38 | 8°51 | 2°25 | S 14 |
| S 15 | 5 34 28 | 22°45'47 | 16°28 | 24°20 | 20° 9 | 26°28 | 19°D27 | 25°27 | 11°37 | 22°32 | 29°46 | 12°14 | 11°35 | 8°58 | 2°27 | S 15 |
| M16 | 5 38 25 | 23°46'42 | 28°33 | 25°55 | 21°23 | 26°15 | 19°27 | 25°33 | 11°41 | 22°30 | 29°44 | 12°12 | 11°32 | 9° 5 | 2°29 | M16 |
| T 17 | 5 42 21 | 24°47'38 | 10♍49 | 27°29 | 22°37 | 26° 1 | 19°27 | 25°40 | 11°44 | 22°29 | 29°43 | 12°11 | 11°29 | 9°11 | 2°31 | T 17 |
| W18 | 5 46 18 | 25°48'35 | 23°22 | 29° 3 | 23°51 | 25°46 | 19°28 | 25°46 | 11°48 | 22°27 | 29°42 | 12°D11 | 11°26 | 9°18 | 2°34 | W18 |
| T 19 | 5 50 14 | 26°49'34 | 6♎15 | 0♑38 | 25° 5 | 25°31 | 19°29 | 25°52 | 11°52 | 22°26 | 29°41 | 12°11 | 11°22 | 9°25 | 2°36 | T 19 |
| F 20 | 5 54 11 | 27°50'33 | 19°31 | 2°12 | 26°19 | 25°15 | 19°30 | 25°59 | 11°55 | 22°24 | 29°40 | 12°12 | 11°19 | 9°31 | 2°38 | F 20 |
| S 21 | 5 58 7 | 28°51'34 | 3♏15 | 3°47 | 27°33 | 24°58 | 19°31 | 26° 6 | 11°59 | 22°23 | 29°39 | 12°13 | 11°16 | 9°38 | 2°41 | S 21 |
| S 22 | 6 2 4 | 29°52'35 | 17°25 | 5°21 | 28°47 | 24°40 | 19°32 | 26°12 | 12° 2 | 22°21 | 29°37 | 12°14 | 11°13 | 9°44 | 2°43 | S 22 |
| M23 | 6 6 1 | 0♑53'38 | 2♐ 1 | 6°56 | 0♐ 2 | 24°22 | 19°34 | 26°19 | 12° 6 | 22°20 | 29°36 | 12°15 | 11°10 | 9°51 | 2°46 | M23 |
| T 24 | 6 9 57 | 1°54'41 | 16°58 | 8°31 | 1°16 | 24° 3 | 19°36 | 26°25 | 12° 9 | 22°18 | 29°35 | 12°R15 | 11° 7 | 9°58 | 2°48 | T 24 |
| W25 | 6 13 54 | 2°55'46 | 2♑ 9 | 10° 6 | 2°30 | 23°44 | 19°38 | 26°32 | 12°13 | 22°16 | 29°34 | 12°14 | 11° 3 | 10° 4 | 2°51 | W25 |
| T 26 | 6 17 50 | 3°56'50 | 17°25 | 11°41 | 3°44 | 23°24 | 19°40 | 26°39 | 12°17 | 22°15 | 29°33 | 12°12 | 11° 0 | 10°11 | 2°54 | T 26 |
| F 27 | 6 21 47 | 4°57'56 | 2♒34 | 13°17 | 4°59 | 23° 3 | 19°42 | 26°46 | 12°20 | 22°13 | 29°31 | 12°10 | 10°57 | 10°18 | 2°56 | F 27 |
| S 28 | 6 25 43 | 5°59'01 | 17°28 | 14°52 | 6°13 | 22°42 | 19°45 | 26°52 | 12°24 | 22°12 | 29°30 | 12° 6 | 10°54 | 10°24 | 2°59 | S 28 |
| S 29 | 6 29 40 | 7° 0'07 | 1♓59 | 16°28 | 7°27 | 22°20 | 19°48 | 26°59 | 12°27 | 22°10 | 29°29 | 12° 3 | 10°51 | 10°31 | 3° 2 | S 29 |
| M30 | 6 33 36 | 8° 1'13 | 16° 4 | 18° 3 | 8°42 | 21°58 | 19°51 | 27° 6 | 12°30 | 22° 8 | 29°28 | 12° 0 | 10°47 | 10°38 | 3° 5 | M30 |
| T 31 | 6 37 33 | 9♑ 2'20 | 29♓41 | 19♑39 | 9♐56 | 21♋35 | 19♈54 | 27♑13 | 12♐34 | 22♋ 7 | 29♊27 | 11♐59 | 10♐44 | 10♋44 | 3♓ 8 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s41 | 9s12 | 5n 0 | 20s23 | 0n11 | 10s39 | 1n57 | 22n51 | 2n23 | 6n22 | 1s27 | 21s17 | 0s 2 | 21s56 | 0n 4 | 20n44 | 0s45 | 15n29 | 7s54 | 22s13 | 22s13 | 21n 0 | 5s17 | 5n49 |
| M 2 | 21 50 | 4 11 | 5 16 | 20 48 | 0 4 | 11 4 | 1 57 | 22 54 | 2 26 | 6 22 | 1 27 | 21 16 | 0 2 | 21 57 | 0 4 | 20 44 | 0 45 | 15 29 | 7 54 | 22 13 | 22 13 | 20 59 | 5 17 | 5 49 |
| T 3 | 21 59 | 0n54 | 5 15 | 21 12 | 0s 2 | 11 28 | 1 57 | 22 57 | 2 29 | 6 21 | 1 26 | 21 15 | 0 2 | 21 58 | 0 4 | 20 44 | 0 45 | 15 29 | 7 54 | 22 13 | 22 12 | 20 57 | 5 16 | 5 48 |
| W 4 | 22 8 | 5 49 | 4 57 | 21 35 | 0 9 | 11 52 | 1 57 | 23 0 | 2 32 | 6 20 | 1 26 | 21 14 | 0 2 | 21 58 | 0 4 | 20 44 | 0 45 | 15 29 | 7 54 | 22 13 | 22 12 | 20 56 | 5 16 | 5 48 |
| T 5 | 22 16 | 10 22 | 4 25 | 21 57 | 0 16 | 12 16 | 1 56 | 23 4 | 2 35 | 6 20 | 1 26 | 21 14 | 0 2 | 21 59 | 0 4 | 20 44 | 0 45 | 15 29 | 7 54 | 22 13 | 22 12 | 20 55 | 5 16 | 5 48 |
| F 6 | 22 23 | 14 24 | 3 40 | 22 18 | 0 23 | 12 40 | 1 56 | 23 8 | 2 37 | 6 19 | 1 26 | 21 13 | 0 2 | 21 59 | 0 4 | 20 45 | 0 45 | 15 29 | 7 54 | 22 13 | 22 11 | 20 54 | 5 16 | 5 47 |
| S 7 | 22 30 | 17 43 | 2 45 | 22 38 | 0 29 | 13 3 | 1 55 | 23 12 | 2 40 | 6 19 | 1 25 | 21 12 | 0 3 | 22 0 | 0 4 | 20 45 | 0 45 | 15 29 | 7 54 | 22 13 | 22 11 | 20 53 | 5 16 | 5 47 |
| S 8 | 22 37 | 20 13 | 1 44 | 22 56 | 0 36 | 13 26 | 1 55 | 23 16 | 2 43 | 6 19 | 1 25 | 21 11 | 0 3 | 22 0 | 0 4 | 20 45 | 0 45 | 15 29 | 7 54 | 22 13 | 22 10 | 20 52 | 5 16 | 5 46 |
| M 9 | 22 43 | 21 46 | 0 39 | 23 14 | 0 42 | 13 49 | 1 54 | 23 20 | 2 46 | 6 18 | 1 25 | 21 10 | 0 3 | 22 1 | 0 4 | 20 45 | 0 45 | 15 29 | 7 54 | 22 13 | 22 10 | 20 50 | 5 15 | 5 46 |
| T 10 | 22 49 | 22 19 | 0s27 | 23 30 | 0 48 | 14 12 | 1 54 | 23 25 | 2 49 | 6 18 | 1 24 | 21 9 | 0 3 | 22 1 | 0 4 | 20 45 | 0 45 | 15 29 | 7 54 | 22 13 | 22 10 | 20 49 | 5 15 | 5 45 |
| W11 | 22 54 | 21 51 | 1 32 | 23 45 | 0 54 | 14 34 | 1 53 | 23 29 | 2 52 | 6 18 | 1 24 | 21 8 | 0 3 | 22 2 | 0 4 | 20 46 | 0 45 | 15 29 | 7 54 | 22 13 | 22 9 | 20 48 | 5 15 | 5 45 |
| T 12 | 22 59 | 20 25 | 2 32 | 23 59 | 1 0 | 14 56 | 1 52 | 23 34 | 2 55 | 6 18 | 1 24 | 21 6 | 0 3 | 22 2 | 0 4 | 20 46 | 0 45 | 15 29 | 7 54 | 22 13 | 22 9 | 20 47 | 5 15 | 5 45 |
| F 13 | 23 4 | 18 5 | 3 26 | 24 11 | 1 6 | 15 17 | 1 51 | 23 39 | 2 58 | 6 18 | 1 23 | 21 5 | 0 3 | 22 3 | 0 4 | 20 46 | 0 45 | 15 29 | 7 54 | 22 13 | 22 8 | 20 45 | 5 14 | 5 44 |
| S 14 | 23 8 | 15 1 | 4 11 | 24 23 | 1 12 | 15 39 | 1 50 | 23 44 | 3 1 | 6 19 | 1 23 | 21 4 | 0 3 | 22 3 | 0 4 | 20 46 | 0 45 | 15 29 | 7 54 | 22 13 | 22 8 | 20 44 | 5 14 | 5 44 |
| S 15 | 23 11 | 11 19 | 4 46 | 24 33 | 1 17 | 15 59 | 1 49 | 23 49 | 3 4 | 6 19 | 1 23 | 21 3 | 0 3 | 22 4 | 0 4 | 20 46 | 0 45 | 15 29 | 7 54 | 22 13 | 22 7 | 20 43 | 5 14 | 5 43 |
| M16 | 23 14 | 7 8 | 5 8 | 24 42 | 1 22 | 16 20 | 1 48 | 23 55 | 3 7 | 6 19 | 1 23 | 21 2 | 0 3 | 22 4 | 0 4 | 20 47 | 0 45 | 15 29 | 7 54 | 22 12 | 22 7 | 20 42 | 5 13 | 5 43 |
| T 17 | 23 17 | 2 36 | 5 17 | 24 49 | 1 27 | 16 40 | 1 47 | 24 0 | 3 10 | 6 20 | 1 22 | 21 1 | 0 3 | 22 5 | 0 4 | 20 47 | 0 45 | 15 29 | 7 54 | 22 12 | 22 7 | 20 41 | 5 13 | 5 43 |
| W18 | 23 19 | 2s 8 | 5 11 | 24 55 | 1 32 | 16 59 | 1 45 | 24 6 | 3 12 | 6 20 | 1 22 | 21 0 | 0 3 | 22 5 | 0 4 | 20 47 | 0 45 | 15 29 | 7 54 | 22 12 | 22 6 | 20 39 | 5 12 | 5 42 |
| T 19 | 23 21 | 6 54 | 4 50 | 25 0 | 1 37 | 17 19 | 1 44 | 24 11 | 3 15 | 6 21 | 1 22 | 20 59 | 0 3 | 22 6 | 0 4 | 20 47 | 0 45 | 15 30 | 7 54 | 22 12 | 22 6 | 20 38 | 5 12 | 5 42 |
| F 20 | 23 22 | 11 31 | 4 12 | 25 3 | 1 41 | 17 37 | 1 43 | 24 17 | 3 18 | 6 21 | 1 21 | 20 58 | 0 3 | 22 6 | 0 4 | 20 48 | 0 45 | 15 30 | 7 54 | 22 12 | 22 5 | 20 37 | 5 12 | 5 41 |
| S 21 | 23 23 | 15 42 | 3 20 | 25 5 | 1 45 | 17 56 | 1 41 | 24 23 | 3 21 | 6 22 | 1 21 | 20 56 | 0 4 | 22 7 | 0 4 | 20 48 | 0 45 | 15 30 | 7 54 | 22 12 | 22 5 | 20 36 | 5 11 | 5 41 |
| S 22 | 23 23 | 19 7 | 2 13 | 25 6 | 1 49 | 18 14 | 1 40 | 24 28 | 3 23 | 6 23 | 1 21 | 20 55 | 0 4 | 22 7 | 0 4 | 20 48 | 0 45 | 15 30 | 7 53 | 22 13 | 22 4 | 20 34 | 5 11 | 5 41 |
| M23 | 23 23 | 21 26 | 0 56 | 25 5 | 1 53 | 18 31 | 1 38 | 24 34 | 3 26 | 6 24 | 1 20 | 20 54 | 0 4 | 22 8 | 0 4 | 20 48 | 0 45 | 15 30 | 7 53 | 22 13 | 22 4 | 20 33 | 5 10 | 5 40 |
| T 24 | 23 22 | 22 19 | 0n26 | 25 3 | 1 56 | 18 48 | 1 36 | 24 40 | 3 28 | 6 25 | 1 20 | 20 53 | 0 4 | 22 8 | 0 4 | 20 49 | 0 45 | 15 30 | 7 53 | 22 13 | 22 3 | 20 32 | 5 9 | 5 40 |
| W25 | 23 21 | 21 34 | 1 48 | 24 59 | 1 59 | 19 4 | 1 35 | 24 46 | 3 31 | 6 26 | 1 20 | 20 52 | 0 4 | 22 9 | 0 4 | 20 49 | 0 45 | 15 30 | 7 53 | 22 13 | 22 3 | 20 31 | 5 9 | 5 40 |
| T 26 | 23 20 | 19 15 | 3 2 | 24 54 | 2 2 | 19 20 | 1 33 | 24 52 | 3 33 | 6 27 | 1 20 | 20 51 | 0 4 | 22 9 | 0 4 | 20 49 | 0 45 | 15 30 | 7 53 | 22 12 | 22 3 | 20 29 | 5 8 | 5 39 |
| F 27 | 23 18 | 15 36 | 4 3 | 24 48 | 2 5 | 19 35 | 1 31 | 24 58 | 3 35 | 6 28 | 1 19 | 20 49 | 0 4 | 22 10 | 0 4 | 20 49 | 0 45 | 15 30 | 7 53 | 22 12 | 22 2 | 20 28 | 5 8 | 5 39 |
| S 28 | 23 15 | 11 1 | 4 46 | 24 40 | 2 7 | 19 50 | 1 29 | 25 4 | 3 38 | 6 29 | 1 19 | 20 48 | 0 4 | 22 10 | 0 4 | 20 50 | 0 45 | 15 30 | 7 53 | 22 12 | 22 2 | 20 27 | 5 7 | 5 39 |
| S 29 | 23 12 | 5 55 | 5 10 | 24 30 | 2 9 | 20 5 | 1 27 | 25 9 | 3 40 | 6 31 | 1 19 | 20 47 | 0 4 | 22 10 | 0 4 | 20 50 | 0 45 | 15 30 | 7 53 | 22 11 | 22 1 | 20 26 | 5 6 | 5 38 |
| M30 | 23 9 | 0 39 | 5 14 | 24 19 | 2 10 | 20 18 | 1 25 | 25 15 | 3 42 | 6 32 | 1 18 | 20 46 | 0 4 | 22 11 | 0 4 | 20 50 | 0 45 | 15 30 | 7 53 | 22 11 | 22 1 | 20 24 | 5 6 | 5 38 |
| T 31 | 23s 5 | 4n28 | 5n 0 | 24s 7 | 2s11 | 20s31 | 1n23 | 25n21 | 3n44 | 6n34 | 1s18 | 20s44 | 0s 4 | 22s11 | 0n 4 | 20n50 | 0s45 | 15n30 | 7s53 | 22s11 | 22s 0 | 20n23 | 5s 5 | 5n38 |

Julian Day Number = 2598706.5, Delta T = 08m47s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'23, Lahiri = 29°29'25


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## JANUARY 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 41 30 | 10♑ 3'26 | 12♈51 | 21♑14 | 11♗11 | 21°R13 | 19♈58 | 27♑20 | 12♗37 | 22°R 5 | 29°R26 | 11°D58 | 10♗41 | 10♋51 | 3♓11 | W 1 |
| T 2 | 6 45 26 | 11° 4'32 | 25°38 | 22°50 | 12°25 | 20♋49 | 20° 1 | 27°27 | 12°41 | 22♋ 3 | 29♊25 | 11♗59 | 10°38 | 10°58 | 3°14 | T 2 |
| F 3 | 6 49 23 | 12° 5'39 | 8♉ 5 | 24°25 | 13°40 | 20°26 | 20° 5 | 27°33 | 12°44 | 22° 2 | 29°23 | 12° 1 | 10°35 | 11° 4 | 3°17 | F 3 |
| S 4 | 6 53 19 | 13° 6'45 | 20°17 | 26° 0 | 14°54 | 20° 3 | 20° 9 | 27°40 | 12°47 | 22° 0 | 29°22 | 12° 3 | 10°32 | 11°11 | 3°20 | S 4 |
| S 5 | 6 57 16 | 14° 7'52 | 2♊18 | 27°35 | 16° 9 | 19°39 | 20°13 | 27°47 | 12°51 | 21°58 | 29°21 | 12° 4 | 10°28 | 11°18 | 3°23 | S 5 |
| M 6 | 7 1 12 | 15° 8'58 | 14°12 | 29°10 | 17°23 | 19°15 | 20°18 | 27°54 | 12°54 | 21°57 | 29°20 | 12°R 5 | 10°25 | 11°24 | 3°26 | M 6 |
| T 7 | 7 5 9 | 16°10'05 | 26° 1 | 0♒44 | 18°38 | 18°51 | 20°22 | 28° 1 | 12°57 | 21°55 | 29°19 | 12° 3 | 10°22 | 11°31 | 3°29 | T 7 |
| W 8 | 7 9 6 | 17°11'12 | 7♋50 | 2°18 | 19°53 | 18°27 | 20°27 | 28° 8 | 13° 0 | 21°53 | 29°18 | 12° 1 | 10°19 | 11°38 | 3°33 | W 8 |
| T 9 | 7 13 2 | 18°12'18 | 19°39 | 3°50 | 21° 7 | 18° 3 | 20°32 | 28°15 | 13° 4 | 21°52 | 29°17 | 11°56 | 10°16 | 11°44 | 3°36 | T 9 |
| F 10 | 7 16 59 | 19°13'25 | 1♌31 | 5°22 | 22°22 | 17°40 | 20°37 | 28°22 | 13° 7 | 21°50 | 29°16 | 11°49 | 10°13 | 11°51 | 3°39 | F 10 |
| S 11 | 7 20 55 | 20°14'32 | 13°28 | 6°52 | 23°37 | 17°16 | 20°42 | 28°29 | 13°10 | 21°48 | 29°14 | 11°42 | 10° 9 | 11°58 | 3°43 | S 11 |
| S 12 | 7 24 52 | 21°15'39 | 25°31 | 8°21 | 24°51 | 16°53 | 20°48 | 28°37 | 13°13 | 21°47 | 29°13 | 11°34 | 10° 6 | 12° 4 | 3°46 | S 12 |
| M13 | 7 28 48 | 22°16'46 | 7♍41 | 9°48 | 26° 6 | 16°30 | 20°54 | 28°44 | 13°16 | 21°45 | 29°12 | 11°27 | 10° 3 | 12°11 | 3°50 | M13 |
| T 14 | 7 32 45 | 23°17'53 | 20° 2 | 11°12 | 27°21 | 16° 7 | 20°59 | 28°51 | 13°19 | 21°43 | 29°11 | 11°21 | 10° 0 | 12°18 | 3°53 | T 14 |
| W15 | 7 36 41 | 24°19'00 | 2♎36 | 12°34 | 28°36 | 15°44 | 21° 5 | 28°58 | 13°22 | 21°42 | 29°10 | 11°16 | 9°57 | 12°24 | 3°57 | W15 |
| T 16 | 7 40 38 | 25°20'07 | 15°26 | 13°52 | 29°50 | 15°22 | 21°12 | 29° 5 | 13°25 | 21°40 | 29° 9 | 11°14 | 9°53 | 12°31 | 4° 0 | T 16 |
| F 17 | 7 44 35 | 26°21'15 | 28°35 | 15° 7 | 1♑ 5 | 15° 0 | 21°18 | 29°12 | 13°28 | 21°38 | 29° 8 | 11°D14 | 9°50 | 12°38 | 4° 4 | F 17 |
| S 18 | 7 48 31 | 27°22'22 | 12♏ 6 | 16°17 | 2°20 | 14°38 | 21°25 | 29°19 | 13°31 | 21°36 | 29° 7 | 11°14 | 9°47 | 12°44 | 4° 7 | S 18 |
| S 19 | 7 52 28 | 28°23'30 | 26° 1 | 17°22 | 3°35 | 14°18 | 21°31 | 29°26 | 13°34 | 21°35 | 29° 6 | 11°16 | 9°44 | 12°51 | 4°11 | S 19 |
| M20 | 7 56 24 | 29°24'37 | 10♗21 | 18°21 | 4°49 | 13°57 | 21°38 | 29°33 | 13°37 | 21°33 | 29° 5 | 11°R16 | 9°41 | 12°58 | 4°15 | M20 |
| T 21 | 8 0 21 | 0♒25'45 | 25° 5 | 19°13 | 6° 4 | 13°37 | 21°45 | 29°40 | 13°40 | 21°31 | 29° 4 | 11°16 | 9°38 | 13° 4 | 4°18 | T 21 |
| W22 | 8 4 17 | 1°26'52 | 10♑ 6 | 19°57 | 7°19 | 13°18 | 21°52 | 29°47 | 13°43 | 21°30 | 29° 3 | 11°13 | 9°34 | 13°11 | 4°22 | W22 |
| T 23 | 8 8 14 | 2°27'59 | 25°19 | 20°33 | 8°34 | 12°59 | 22° 0 | 29°55 | 13°45 | 21°28 | 29° 2 | 11° 7 | 9°31 | 13°18 | 4°26 | T 23 |
| F 24 | 8 12 10 | 3°29'05 | 10♒31 | 20°59 | 9°49 | 12°41 | 22° 7 | 0♒ 2 | 13°48 | 21°26 | 29° 1 | 11° 0 | 9°28 | 13°24 | 4°30 | F 24 |
| S 25 | 8 16 7 | 4°30'11 | 25°34 | 21°15 | 11° 4 | 12°24 | 22°15 | 0° 9 | 13°51 | 21°25 | 29° 0 | 10°51 | 9°25 | 13°31 | 4°34 | S 25 |
| S 26 | 8 20 4 | 5°31'17 | 10♓18 | 21°R20 | 12°19 | 12° 7 | 22°23 | 0°16 | 13°53 | 21°23 | 28°59 | 10°42 | 9°22 | 13°38 | 4°38 | S 26 |
| M27 | 8 24 0 | 6°32'21 | 24°35 | 21°13 | 13°34 | 11°51 | 22°31 | 0°23 | 13°56 | 21°21 | 28°58 | 10°34 | 9°19 | 13°45 | 4°42 | M27 |
| T 28 | 8 27 57 | 7°33'25 | 8♈22 | 20°55 | 14°48 | 11°36 | 22°39 | 0°30 | 13°59 | 21°20 | 28°57 | 10°28 | 9°15 | 13°51 | 4°45 | T 28 |
| W29 | 8 31 53 | 8°34'27 | 21°40 | 20°25 | 16° 3 | 11°22 | 22°47 | 0°37 | 14° 1 | 21°18 | 28°57 | 10°25 | 9°12 | 13°58 | 4°49 | W29 |
| T 30 | 8 35 50 | 9°35'29 | 4♉31 | 19°45 | 17°18 | 11° 8 | 22°55 | 0°44 | 14° 4 | 21°17 | 28°56 | 10°D23 | 9° 9 | 14° 5 | 4°53 | T 30 |
| F 31 | 8 39 46 | 10♒36'30 | 16♉58 | 18♒54 | 18♑33 | 10♋55 | 23♈ 4 | 0♒51 | 14♗ 6 | 21♋15 | 28♊55 | 10♗23 | 9♗ 6 | 14♋11 | 4♓57 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23s 0 | 9n13 | 4n30 | 23s53 | 2s12 | 20s44 | 1n21 | 25n26 | 3n46 | 6n35 | 1s18 | 20s43 | 0s 4 | 22s12 | 0n 4 | 20n51 | 0s45 | 15n30 | 7s53 | 22s10 | 22s 0 | 20n22 | 5s 4 | 5n37 |
| T 2 | 22 56 | 13 25 | 3 48 | 23 37 | 2 12 | 20 56 | 1 19 | 25 32 | 3 48 | 6 37 | 1 17 | 20 42 | 0 4 | 22 12 | 0 4 | 20 51 | 0 45 | 15 30 | 7 53 | 22 11 | 21 59 | 20 20 | 5 3 | 5 37 |
| F 3 | 22 50 | 16 57 | 2 56 | 23 21 | 2 11 | 21 8 | 1 16 | 25 37 | 3 50 | 6 39 | 1 17 | 20 41 | 0 4 | 22 13 | 0 4 | 20 51 | 0 45 | 15 30 | 7 53 | 22 11 | 21 59 | 20 19 | 5 3 | 5 37 |
| S 4 | 22 44 | 19 39 | 1 57 | 23 2 | 2 11 | 21 18 | 1 14 | 25 42 | 3 51 | 6 40 | 1 17 | 20 39 | 0 5 | 22 13 | 0 4 | 20 52 | 0 45 | 15 30 | 7 53 | 22 11 | 21 59 | 20 18 | 5 2 | 5 36 |
| S 5 | 22 38 | 21 27 | 0 53 | 22 42 | 2 9 | 21 29 | 1 12 | 25 47 | 3 53 | 6 42 | 1 17 | 20 38 | 0 5 | 22 14 | 0 4 | 20 52 | 0 45 | 15 31 | 7 53 | 22 11 | 21 58 | 20 16 | 5 1 | 5 36 |
| M 6 | 22 32 | 22 16 | 0s12 | 22 21 | 2 7 | 21 38 | 1 9 | 25 52 | 3 54 | 6 44 | 1 16 | 20 37 | 0 5 | 22 14 | 0 4 | 20 52 | 0 45 | 15 31 | 7 52 | 22 11 | 21 58 | 20 15 | 5 0 | 5 36 |
| T 7 | 22 25 | 22 4 | 1 16 | 21 59 | 2 5 | 21 47 | 1 7 | 25 57 | 3 56 | 6 46 | 1 16 | 20 35 | 0 5 | 22 14 | 0 4 | 20 52 | 0 45 | 15 31 | 7 52 | 22 11 | 21 57 | 20 14 | 4 59 | 5 35 |
| W 8 | 22 17 | 20 53 | 2 16 | 21 35 | 2 2 | 21 56 | 1 5 | 26 2 | 3 57 | 6 48 | 1 16 | 20 34 | 0 5 | 22 15 | 0 4 | 20 53 | 0 45 | 15 31 | 7 52 | 22 11 | 21 57 | 20 13 | 4 58 | 5 35 |
| T 9 | 22 9 | 18 48 | 3 11 | 21 10 | 1 58 | 22 3 | 1 2 | 26 6 | 3 58 | 6 50 | 1 15 | 20 33 | 0 5 | 22 15 | 0 4 | 20 53 | 0 45 | 15 31 | 7 52 | 22 10 | 21 56 | 20 11 | 4 58 | 5 35 |
| F 10 | 22 1 | 15 55 | 3 57 | 20 43 | 1 54 | 22 10 | 1 0 | 26 10 | 3 59 | 6 52 | 1 15 | 20 31 | 0 5 | 22 16 | 0 4 | 20 53 | 0 45 | 15 31 | 7 52 | 22 9 | 21 56 | 20 10 | 4 57 | 5 34 |
| S 11 | 21 52 | 12 22 | 4 33 | 20 16 | 1 48 | 22 17 | 0 57 | 26 14 | 4 0 | 6 55 | 1 15 | 20 30 | 0 5 | 22 16 | 0 4 | 20 53 | 0 45 | 15 31 | 7 52 | 22 8 | 21 55 | 20 9 | 4 56 | 5 34 |
| S 12 | 21 43 | 8 19 | 4 58 | 19 47 | 1 42 | 22 22 | 0 55 | 26 18 | 4 1 | 6 57 | 1 15 | 20 29 | 0 5 | 22 16 | 0 4 | 20 54 | 0 45 | 15 31 | 7 52 | 22 7 | 21 55 | 20 7 | 4 55 | 5 34 |
| M13 | 21 33 | 3 53 | 5 9 | 19 18 | 1 36 | 22 28 | 0 52 | 26 22 | 4 1 | 6 59 | 1 14 | 20 27 | 0 5 | 22 17 | 0 4 | 20 54 | 0 45 | 15 31 | 7 52 | 22 6 | 21 54 | 20 6 | 4 54 | 5 33 |
| T 14 | 21 23 | 0s45 | 5 6 | 18 47 | 1 28 | 22 32 | 0 50 | 26 25 | 4 2 | 7 2 | 1 14 | 20 26 | 0 5 | 22 17 | 0 4 | 20 54 | 0 45 | 15 31 | 7 52 | 22 5 | 21 54 | 20 5 | 4 53 | 5 33 |
| W15 | 21 12 | 5 27 | 4 49 | 18 16 | 1 20 | 22 36 | 0 47 | 26 28 | 4 3 | 7 4 | 1 14 | 20 24 | 0 5 | 22 18 | 0 4 | 20 55 | 0 45 | 15 32 | 7 51 | 22 5 | 21 54 | 20 3 | 4 52 | 5 33 |
| T 16 | 21 1 | 10 0 | 4 16 | 17 45 | 1 10 | 22 39 | 0 44 | 26 32 | 4 3 | 7 7 | 1 13 | 20 23 | 0 5 | 22 18 | 0 4 | 20 55 | 0 45 | 15 32 | 7 51 | 22 5 | 21 53 | 20 2 | 4 51 | 5 33 |
| F 17 | 20 50 | 14 13 | 3 30 | 17 13 | 1 0 | 22 41 | 0 42 | 26 34 | 4 3 | 7 10 | 1 13 | 20 22 | 0 5 | 22 18 | 0 4 | 20 55 | 0 45 | 15 32 | 7 51 | 22 4 | 21 53 | 20 0 | 4 50 | 5 32 |
| S 18 | 20 38 | 17 50 | 2 31 | 16 42 | 0 49 | 22 43 | 0 39 | 26 37 | 4 3 | 7 12 | 1 13 | 20 20 | 0 5 | 22 19 | 0 4 | 20 55 | 0 45 | 15 32 | 7 51 | 22 5 | 21 52 | 19 59 | 4 49 | 5 32 |
| S 19 | 20 26 | 20 32 | 1 22 | 16 10 | 0 36 | 22 44 | 0 36 | 26 39 | 4 4 | 7 15 | 1 13 | 20 19 | 0 6 | 22 19 | 0 4 | 20 56 | 0 44 | 15 32 | 7 51 | 22 5 | 21 52 | 19 58 | 4 48 | 5 32 |
| M20 | 20 14 | 22 2 | 0 5 | 15 40 | 0 23 | 22 44 | 0 34 | 26 42 | 4 4 | 7 18 | 1 12 | 20 17 | 0 6 | 22 19 | 0 4 | 20 56 | 0 44 | 15 32 | 7 51 | 22 5 | 21 51 | 19 56 | 4 47 | 5 32 |
| T 21 | 20 1 | 22 4 | 1n14 | 15 10 | 0 9 | 22 44 | 0 31 | 26 44 | 4 3 | 7 21 | 1 12 | 20 16 | 0 6 | 22 20 | 0 4 | 20 56 | 0 44 | 15 32 | 7 51 | 22 5 | 21 51 | 19 55 | 4 45 | 5 31 |
| W22 | 19 48 | 20 32 | 2 29 | 14 42 | 0n 7 | 22 43 | 0 28 | 26 45 | 4 3 | 7 24 | 1 12 | 20 15 | 0 6 | 22 20 | 0 4 | 20 56 | 0 44 | 15 32 | 7 51 | 22 4 | 21 50 | 19 54 | 4 44 | 5 31 |
| T 23 | 19 34 | 17 31 | 3 34 | 14 15 | 0 23 | 22 41 | 0 26 | 26 47 | 4 3 | 7 26 | 1 12 | 20 13 | 0 6 | 22 20 | 0 4 | 20 57 | 0 44 | 15 33 | 7 50 | 22 4 | 21 50 | 19 52 | 4 43 | 5 31 |
| F 24 | 19 20 | 13 19 | 4 24 | 13 51 | 0 40 | 22 39 | 0 23 | 26 48 | 4 3 | 7 30 | 1 11 | 20 12 | 0 6 | 22 21 | 0 4 | 20 57 | 0 44 | 15 33 | 7 50 | 22 3 | 21 49 | 19 51 | 4 42 | 5 31 |
| S 25 | 19 6 | 8 20 | 4 55 | 13 29 | 0 57 | 22 35 | 0 20 | 26 50 | 4 2 | 7 33 | 1 11 | 20 10 | 0 6 | 22 21 | 0 4 | 20 57 | 0 44 | 15 33 | 7 50 | 22 1 | 21 49 | 19 50 | 4 41 | 5 30 |
| S 26 | 18 51 | 2 58 | 5 6 | 13 11 | 1 15 | 22 32 | 0 18 | 26 51 | 4 2 | 7 36 | 1 11 | 20 9 | 0 6 | 22 21 | 0 4 | 20 58 | 0 44 | 15 33 | 7 50 | 22 0 | 21 48 | 19 48 | 4 40 | 5 30 |
| M27 | 18 36 | 2n24 | 4 57 | 12 55 | 1 33 | 22 27 | 0 15 | 26 52 | 4 1 | 7 39 | 1 11 | 20 7 | 0 6 | 22 22 | 0 4 | 20 58 | 0 44 | 15 33 | 7 50 | 21 59 | 21 48 | 19 47 | 4 39 | 5 30 |
| T 28 | 18 20 | 7 28 | 4 31 | 12 44 | 1 51 | 22 22 | 0 12 | 26 52 | 4 0 | 7 42 | 1 10 | 20 6 | 0 6 | 22 22 | 0 4 | 20 58 | 0 44 | 15 33 | 7 50 | 21 58 | 21 47 | 19 45 | 4 37 | 5 30 |
| W29 | 18 5 | 12 0 | 3 51 | 12 36 | 2 9 | 22 16 | 0 9 | 26 53 | 4 0 | 7 45 | 1 10 | 20 5 | 0 6 | 22 22 | 0 4 | 20 58 | 0 44 | 15 33 | 7 49 | 21 58 | 21 47 | 19 44 | 4 36 | 5 30 |
| T 30 | 17 49 | 15 49 | 3 0 | 12 33 | 2 26 | 22 9 | 0 7 | 26 53 | 3 59 | 7 49 | 1 10 | 20 3 | 0 6 | 22 23 | 0 4 | 20 59 | 0 44 | 15 34 | 7 49 | 21 57 | 21 46 | 19 43 | 4 35 | 5 29 |
| F 31 | 17s32 | 18n49 | 2n 2 | 12s34 | 2n42 | 22s 2 | 0n 4 | 26n53 | 3n58 | 7n52 | 1s10 | 20s 2 | 0s 6 | 22s23 | 0n 4 | 20n59 | 0s44 | 15n34 | 7s49 | 21s57 | 21s46 | 19n41 | 4s34 | 5n29 |

Julian Day Number = 2598737.5, Delta T = 08m47s
Ecliptic obliquity = 23°23'09, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'28, Lahiri = 29°29'29


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## FEBRUARY 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 43 43 | 11♒37'29 | 29♉ 8 | 17°R54 | 19♋48 | 10°R43 | 23♈13 | 0♒58 | 14♐ 9 | 21°R13 | 28°R54 | 10♐24 | 9♐ 3 | 14♋18 | 5♓ 1 | S 1 |
| S 2 | 8 47 39 | 12°38'28 | 11♊ 6 | 16♒47 | 21° 3 | 10♋32 | 23°21 | 1° 5 | 14°11 | 21♋12 | 28♊53 | 10°R24 | 8°59 | 14°25 | 5° 5 | S 2 |
| M 3 | 8 51 36 | 13°39'26 | 22°55 | 15°35 | 22°18 | 10°22 | 23°30 | 1°12 | 14°13 | 21°10 | 28°52 | 10°23 | 8°56 | 14°31 | 5° 9 | M 3 |
| T 4 | 8 55 33 | 14°40'23 | 4♋43 | 14°20 | 23°33 | 10°12 | 23°40 | 1°19 | 14°16 | 21° 9 | 28°52 | 10°20 | 8°53 | 14°38 | 5°14 | T 4 |
| W 5 | 8 59 29 | 15°41'18 | 16°31 | 13° 5 | 24°48 | 10° 3 | 23°49 | 1°26 | 14°18 | 21° 7 | 28°51 | 10°14 | 8°50 | 14°45 | 5°18 | W 5 |
| T 6 | 9 3 26 | 16°42'13 | 28°23 | 11°51 | 26° 2 | 9°55 | 23°58 | 1°33 | 14°20 | 21° 6 | 28°50 | 10° 6 | 8°47 | 14°51 | 5°22 | T 6 |
| F 7 | 9 7 22 | 17°43'06 | 10♌21 | 10°40 | 27°17 | 9°48 | 24° 8 | 1°40 | 14°22 | 21° 4 | 28°49 | 9°55 | 8°44 | 14°58 | 5°26 | F 7 |
| S 8 | 9 11 19 | 18°43'59 | 22°27 | 9°35 | 28°32 | 9°42 | 24°17 | 1°47 | 14°24 | 21° 3 | 28°49 | 9°42 | 8°40 | 15° 5 | 5°30 | S 8 |
| S 9 | 9 15 15 | 19°44'50 | 4♍42 | 8°36 | 29°47 | 9°36 | 24°27 | 1°54 | 14°26 | 21° 1 | 28°48 | 9°29 | 8°37 | 15°11 | 5°34 | S 9 |
| M10 | 9 19 12 | 20°45'40 | 17° 6 | 7°45 | 1♒ 2 | 9°31 | 24°37 | 2° 1 | 14°28 | 21° 0 | 28°47 | 9°16 | 8°34 | 15°18 | 5°38 | M10 |
| T 11 | 9 23 8 | 21°46'30 | 29°40 | 7° 1 | 2°17 | 9°27 | 24°47 | 2° 8 | 14°30 | 20°59 | 28°47 | 9° 4 | 8°31 | 15°25 | 5°43 | T 11 |
| W12 | 9 27 5 | 22°47'18 | 12♎25 | 6°26 | 3°32 | 9°24 | 24°57 | 2°14 | 14°32 | 20°57 | 28°46 | 8°56 | 8°28 | 15°31 | 5°47 | W12 |
| T 13 | 9 31 2 | 23°48'06 | 25°22 | 6° 0 | 4°47 | 9°21 | 25° 7 | 2°21 | 14°34 | 20°56 | 28°45 | 8°50 | 8°25 | 15°38 | 5°51 | T 13 |
| F 14 | 9 34 58 | 24°48'52 | 8♏33 | 5°42 | 6° 2 | 9°20 | 25°18 | 2°28 | 14°36 | 20°54 | 28°45 | 8°47 | 8°21 | 15°45 | 5°55 | F 14 |
| S 15 | 9 38 55 | 25°49'38 | 22° 0 | 5°32 | 7°17 | 9°19 | 25°28 | 2°35 | 14°38 | 20°53 | 28°44 | 8°D46 | 8°18 | 15°51 | 5°59 | S 15 |
| S 16 | 9 42 51 | 26°50'23 | 5♐45 | 5°D29 | 8°32 | 9°D19 | 25°39 | 2°41 | 14°39 | 20°52 | 28°44 | 8°R46 | 8°15 | 15°58 | 6° 4 | S 16 |
| M17 | 9 46 48 | 27°51'07 | 19°49 | 5°34 | 9°47 | 9°19 | 25°49 | 2°48 | 14°41 | 20°50 | 28°43 | 8°45 | 8°12 | 16° 5 | 6° 8 | M17 |
| T 18 | 9 50 44 | 28°51'50 | 4♑12 | 5°46 | 11° 2 | 9°21 | 26° 0 | 2°55 | 14°43 | 20°49 | 28°43 | 8°43 | 8° 9 | 16°11 | 6°12 | T 18 |
| W19 | 9 54 41 | 29°52'32 | 18°53 | 6° 4 | 12°17 | 9°23 | 26°11 | 3° 1 | 14°44 | 20°48 | 28°42 | 8°39 | 8° 5 | 16°18 | 6°17 | W19 |
| T 20 | 9 58 37 | 0♓53'13 | 3♒45 | 6°27 | 13°31 | 9°25 | 26°22 | 3° 8 | 14°46 | 20°47 | 28°42 | 8°32 | 8° 2 | 16°25 | 6°21 | T 20 |
| F 21 | 10 2 34 | 1°53'52 | 18°41 | 6°57 | 14°46 | 9°29 | 26°33 | 3°14 | 14°47 | 20°46 | 28°41 | 8°22 | 7°59 | 16°31 | 6°25 | F 21 |
| S 22 | 10 6 31 | 2°54'30 | 3♓34 | 7°31 | 16° 1 | 9°33 | 26°44 | 3°21 | 14°49 | 20°44 | 28°41 | 8°10 | 7°56 | 16°38 | 6°29 | S 22 |
| S 23 | 10 10 27 | 3°55'07 | 18°12 | 8°10 | 17°16 | 9°38 | 26°56 | 3°27 | 14°50 | 20°43 | 28°40 | 7°58 | 7°53 | 16°45 | 6°34 | S 23 |
| M24 | 10 14 24 | 4°55'42 | 2♈29 | 8°53 | 18°31 | 9°44 | 27° 7 | 3°34 | 14°51 | 20°42 | 28°40 | 7°46 | 7°50 | 16°51 | 6°38 | M24 |
| T 25 | 10 18 20 | 5°56'16 | 16°21 | 9°40 | 19°46 | 9°50 | 27°18 | 3°40 | 14°53 | 20°41 | 28°40 | 7°37 | 7°46 | 16°58 | 6°42 | T 25 |
| W26 | 10 22 17 | 6°56'48 | 29°44 | 10°30 | 21° 1 | 9°57 | 27°30 | 3°47 | 14°54 | 20°40 | 28°39 | 7°31 | 7°43 | 17° 5 | 6°46 | W26 |
| T 27 | 10 26 13 | 7°57'18 | 12♉39 | 11°24 | 22°16 | 10° 4 | 27°42 | 3°53 | 14°55 | 20°39 | 28°39 | 7°27 | 7°40 | 17°11 | 6°51 | T 27 |
| F 28 | 10 30 10 | 8♓57'46 | 25♉11 | 12♒21 | 23♒31 | 10♋12 | 27♈54 | 3♒59 | 14♐56 | 20♋38 | 28♊39 | 7♐25 | 7♐37 | 17♋18 | 6♓55 | F 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s16 | 20n54 | 1n 0 | 12s38 | 2n56 | 21s54 | 0n 1 | 26n53 | 3n57 | 7n56 | 1s 9 | 20s 0 | 0s 6 | 22s23 | 0n 4 | 20n59 | 0s44 | 15n34 | 7s49 | 21s57 | 21s45 | 19n40 | 4s32 | 5n29 |
| S 2 | 16 59 | 22 0 | 0s 4 | 12 46 | 3 9 | 21 46 | 0s 1 | 26 53 | 3 56 | 7 59 | 1 9 | 19 59 | 0 7 | 22 24 | 0 4 | 20 59 | 0 44 | 15 34 | 7 49 | 21 58 | 21 45 | 19 38 | 4 31 | 5 29 |
| M 3 | 16 41 | 22 5 | 1 6 | 12 57 | 3 19 | 21 37 | 0 4 | 26 53 | 3 55 | 8 3 | 1 9 | 19 57 | 0 7 | 22 24 | 0 4 | 21 0 | 0 44 | 15 34 | 7 49 | 21 57 | 21 44 | 19 37 | 4 30 | 5 29 |
| T 4 | 16 24 | 21 12 | 2 6 | 13 11 | 3 27 | 21 27 | 0 7 | 26 53 | 3 54 | 8 6 | 1 9 | 19 56 | 0 7 | 22 24 | 0 4 | 21 0 | 0 44 | 15 34 | 7 48 | 21 57 | 21 44 | 19 35 | 4 28 | 5 28 |
| W 5 | 16 6 | 19 23 | 3 0 | 13 27 | 3 33 | 21 16 | 0 9 | 26 52 | 3 53 | 8 10 | 1 8 | 19 54 | 0 7 | 22 24 | 0 4 | 21 0 | 0 44 | 15 35 | 7 48 | 21 56 | 21 43 | 19 34 | 4 27 | 5 28 |
| T 6 | 15 48 | 16 45 | 3 46 | 13 44 | 3 36 | 21 5 | 0 12 | 26 52 | 3 52 | 8 13 | 1 8 | 19 53 | 0 7 | 22 25 | 0 4 | 21 0 | 0 44 | 15 35 | 7 48 | 21 55 | 21 43 | 19 33 | 4 26 | 5 28 |
| F 7 | 15 29 | 13 23 | 4 23 | 14 3 | 3 36 | 20 53 | 0 14 | 26 51 | 3 50 | 8 17 | 1 8 | 19 51 | 0 7 | 22 25 | 0 4 | 21 1 | 0 44 | 15 35 | 7 48 | 21 53 | 21 42 | 19 31 | 4 24 | 5 28 |
| S 8 | 15 11 | 9 27 | 4 48 | 14 22 | 3 35 | 20 41 | 0 17 | 26 50 | 3 49 | 8 21 | 1 8 | 19 50 | 0 7 | 22 25 | 0 4 | 21 1 | 0 44 | 15 35 | 7 48 | 21 51 | 21 42 | 19 30 | 4 23 | 5 28 |
| S 9 | 14 52 | 5 6 | 5 0 | 14 40 | 3 31 | 20 28 | 0 19 | 26 50 | 3 48 | 8 25 | 1 7 | 19 49 | 0 7 | 22 25 | 0 3 | 21 1 | 0 44 | 15 35 | 7 48 | 21 49 | 21 41 | 19 28 | 4 22 | 5 28 |
| M10 | 14 32 | 0 30 | 4 59 | 14 59 | 3 25 | 20 14 | 0 22 | 26 49 | 3 46 | 8 28 | 1 7 | 19 47 | 0 7 | 22 26 | 0 3 | 21 1 | 0 44 | 15 35 | 7 47 | 21 47 | 21 41 | 19 27 | 4 20 | 5 27 |
| T 11 | 14 13 | 4s11 | 4 43 | 15 17 | 3 18 | 20 0 | 0 24 | 26 47 | 3 45 | 8 32 | 1 7 | 19 46 | 0 7 | 22 26 | 0 3 | 21 2 | 0 44 | 15 36 | 7 47 | 21 46 | 21 41 | 19 25 | 4 19 | 5 27 |
| W12 | 13 53 | 8 46 | 4 12 | 15 34 | 3 9 | 19 45 | 0 27 | 26 46 | 3 44 | 8 36 | 1 7 | 19 44 | 0 7 | 22 26 | 0 3 | 21 2 | 0 44 | 15 36 | 7 47 | 21 44 | 21 40 | 19 24 | 4 18 | 5 27 |
| T 13 | 13 33 | 13 1 | 3 28 | 15 50 | 3 0 | 19 30 | 0 29 | 26 45 | 3 42 | 8 40 | 1 7 | 19 43 | 0 7 | 22 26 | 0 3 | 21 2 | 0 44 | 15 36 | 7 47 | 21 43 | 21 40 | 19 23 | 4 16 | 5 27 |
| F 14 | 13 13 | 16 44 | 2 33 | 16 4 | 2 49 | 19 14 | 0 32 | 26 44 | 3 41 | 8 44 | 1 6 | 19 41 | 0 7 | 22 27 | 0 3 | 21 2 | 0 44 | 15 36 | 7 47 | 21 43 | 21 39 | 19 21 | 4 15 | 5 27 |
| S 15 | 12 53 | 19 38 | 1 28 | 16 18 | 2 38 | 18 58 | 0 34 | 26 42 | 3 39 | 8 48 | 1 6 | 19 40 | 0 8 | 22 27 | 0 3 | 21 3 | 0 44 | 15 36 | 7 46 | 21 43 | 21 39 | 19 20 | 4 13 | 5 27 |
| S 16 | 12 32 | 21 29 | 0 16 | 16 30 | 2 26 | 18 40 | 0 36 | 26 41 | 3 38 | 8 52 | 1 6 | 19 38 | 0 8 | 22 27 | 0 3 | 21 3 | 0 44 | 15 37 | 7 46 | 21 43 | 21 38 | 19 18 | 4 12 | 5 27 |
| M17 | 12 12 | 22 2 | 0n58 | 16 40 | 2 14 | 18 23 | 0 39 | 26 39 | 3 36 | 8 56 | 1 6 | 19 37 | 0 8 | 22 27 | 0 3 | 21 3 | 0 44 | 15 37 | 7 46 | 21 43 | 21 37 | 19 17 | 4 11 | 5 27 |
| T 18 | 11 51 | 21 9 | 2 10 | 16 49 | 2 2 | 18 5 | 0 41 | 26 38 | 3 35 | 9 0 | 1 6 | 19 35 | 0 8 | 22 27 | 0 3 | 21 3 | 0 44 | 15 37 | 7 46 | 21 42 | 21 37 | 19 15 | 4 9 | 5 27 |
| W19 | 11 29 | 18 50 | 3 15 | 16 57 | 1 50 | 17 46 | 0 43 | 26 36 | 3 33 | 9 4 | 1 5 | 19 34 | 0 8 | 22 27 | 0 3 | 21 3 | 0 44 | 15 37 | 7 46 | 21 42 | 21 36 | 19 14 | 4 8 | 5 26 |
| T 20 | 11 8 | 15 16 | 4 7 | 17 3 | 1 38 | 17 27 | 0 45 | 26 35 | 3 32 | 9 8 | 1 5 | 19 33 | 0 8 | 22 28 | 0 3 | 21 4 | 0 44 | 15 37 | 7 45 | 21 41 | 21 36 | 19 12 | 4 6 | 5 26 |
| F 21 | 10 47 | 10 42 | 4 43 | 17 7 | 1 25 | 17 7 | 0 47 | 26 33 | 3 30 | 9 13 | 1 5 | 19 31 | 0 8 | 22 28 | 0 3 | 21 4 | 0 44 | 15 38 | 7 45 | 21 39 | 21 35 | 19 11 | 4 5 | 5 26 |
| S 22 | 10 25 | 5 31 | 4 59 | 17 10 | 1 13 | 16 47 | 0 49 | 26 31 | 3 29 | 9 17 | 1 5 | 19 30 | 0 8 | 22 28 | 0 3 | 21 4 | 0 44 | 15 38 | 7 45 | 21 37 | 21 35 | 19 9 | 4 3 | 5 26 |
| S 23 | 10 3 | 0 7 | 4 56 | 17 12 | 1 2 | 16 26 | 0 51 | 26 29 | 3 27 | 9 21 | 1 5 | 19 28 | 0 8 | 22 28 | 0 3 | 21 4 | 0 44 | 15 38 | 7 45 | 21 35 | 21 34 | 19 8 | 4 2 | 5 26 |
| M24 | 9 41 | 5n10 | 4 33 | 17 12 | 0 50 | 16 5 | 0 53 | 26 27 | 3 26 | 9 25 | 1 4 | 19 27 | 0 8 | 22 28 | 0 3 | 21 5 | 0 44 | 15 38 | 7 45 | 21 33 | 21 34 | 19 6 | 4 0 | 5 26 |
| T 25 | 9 19 | 10 2 | 3 55 | 17 10 | 0 39 | 15 44 | 0 55 | 26 25 | 3 24 | 9 30 | 1 4 | 19 25 | 0 8 | 22 28 | 0 3 | 21 5 | 0 44 | 15 38 | 7 44 | 21 32 | 21 33 | 19 5 | 3 59 | 5 26 |
| W26 | 8 57 | 14 14 | 3 5 | 17 7 | 0 28 | 15 22 | 0 57 | 26 23 | 3 23 | 9 34 | 1 4 | 19 24 | 0 8 | 22 29 | 0 3 | 21 5 | 0 44 | 15 39 | 7 44 | 21 31 | 21 33 | 19 3 | 3 57 | 5 26 |
| T 27 | 8 34 | 17 37 | 2 7 | 17 3 | 0 17 | 14 59 | 0 59 | 26 21 | 3 21 | 9 38 | 1 4 | 19 23 | 0 8 | 22 29 | 0 3 | 21 5 | 0 44 | 15 39 | 7 44 | 21 30 | 21 32 | 19 2 | 3 56 | 5 26 |
| F 28 | 8s12 | 20n 4 | 1n 4 | 16s58 | 0n 6 | 14s37 | 1s 1 | 26n19 | 3n20 | 9n43 | 1s 4 | 19s21 | 0s 9 | 22s29 | 0n 3 | 21n 5 | 0s44 | 15n39 | 7s44 | 21s30 | 21s32 | 19n 0 | 3s54 | 5n26 |

Julian Day Number = 2598768.5, Delta T = 08m48s
Ecliptic obliquity = 23°23'09, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'32, Lahiri = 29°29'33


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## MARCH 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 34 6 | 9♓58'12 | 7♊24 | 13♒20 | 24♒46 | 10♋21 | 28♈ 5 | 4♒ 5 | 14♐57 | 20°R37 | 28°R38 | 7°R25 | 7♐34 | 17♋25 | 6♓59 | S 1 |
| S 2 | 10 38 3 | 10°58'37 | 19°23 | 14°23 | 26° 1 | 10°31 | 28°17 | 4°12 | 14°58 | 20♋36 | 28♊38 | 7♐25 | 7°30 | 17°31 | 7° 4 | S 2 |
| M 3 | 10 41 59 | 11°59'00 | 1♋14 | 15°27 | 27°15 | 10°41 | 28°29 | 4°18 | 14°59 | 20°35 | 28°38 | 7°24 | 7°27 | 17°38 | 7° 8 | M 3 |
| T 4 | 10 45 56 | 12°59'21 | 13° 2 | 16°34 | 28°30 | 10°51 | 28°42 | 4°24 | 15° 0 | 20°34 | 28°38 | 7°20 | 7°24 | 17°45 | 7°12 | T 4 |
| W 5 | 10 49 53 | 13°59'40 | 24°52 | 17°43 | 29°45 | 11° 2 | 28°54 | 4°30 | 15° 1 | 20°33 | 28°37 | 7°15 | 7°21 | 17°51 | 7°16 | W 5 |
| T 6 | 10 53 49 | 14°59'57 | 6♌48 | 18°54 | 1♓ 0 | 11°14 | 29° 6 | 4°36 | 15° 2 | 20°32 | 28°37 | 7° 6 | 7°18 | 17°58 | 7°21 | T 6 |
| F 7 | 10 57 46 | 16° 0'12 | 18°52 | 20° 7 | 2°15 | 11°26 | 29°18 | 4°42 | 15° 3 | 20°31 | 28°37 | 6°55 | 7°15 | 18° 5 | 7°25 | F 7 |
| S 8 | 11 1 42 | 17° 0'25 | 1♍ 9 | 21°22 | 3°30 | 11°39 | 29°31 | 4°48 | 15° 3 | 20°31 | 28°37 | 6°42 | 7°11 | 18°11 | 7°29 | S 8 |
| S 9 | 11 5 39 | 18° 0'37 | 13°37 | 22°38 | 4°44 | 11°52 | 29°43 | 4°53 | 15° 4 | 20°30 | 28°37 | 6°28 | 7° 8 | 18°18 | 7°33 | S 9 |
| M10 | 11 9 35 | 19° 0'46 | 26°18 | 23°57 | 5°59 | 12° 6 | 29°56 | 4°59 | 15° 5 | 20°29 | 28°37 | 6°15 | 7° 5 | 18°25 | 7°38 | M10 |
| T 11 | 11 13 32 | 20° 0'54 | 9♎12 | 25°16 | 7°14 | 12°20 | 0♉ 9 | 5° 5 | 15° 5 | 20°28 | 28°37 | 6° 3 | 7° 2 | 18°31 | 7°42 | T 11 |
| W12 | 11 17 28 | 21° 1'00 | 22°16 | 26°37 | 8°29 | 12°35 | 0°21 | 5°11 | 15° 6 | 20°28 | 28°37 | 5°54 | 6°59 | 18°38 | 7°46 | W12 |
| T 13 | 11 21 25 | 22° 1'05 | 5♏32 | 28° 0 | 9°44 | 12°50 | 0°34 | 5°16 | 15° 6 | 20°27 | 28°D37 | 5°47 | 6°56 | 18°45 | 7°50 | T 13 |
| F 14 | 11 25 22 | 23° 1'08 | 18°57 | 29°24 | 10°58 | 13° 6 | 0°47 | 5°22 | 15° 6 | 20°27 | 28°37 | 5°44 | 6°52 | 18°52 | 7°54 | F 14 |
| S 15 | 11 29 18 | 24° 1'09 | 2♐34 | 0♓49 | 12°13 | 13°22 | 1° 0 | 5°27 | 15° 7 | 20°26 | 28°37 | 5°D43 | 6°49 | 18°58 | 7°58 | S 15 |
| S 16 | 11 33 15 | 25° 1'09 | 16°21 | 2°16 | 13°28 | 13°38 | 1°13 | 5°33 | 15° 7 | 20°25 | 28°37 | 5°43 | 6°46 | 19° 5 | 8° 3 | S 16 |
| M17 | 11 37 11 | 26° 1'08 | 0♑20 | 3°44 | 14°43 | 13°55 | 1°26 | 5°38 | 15° 7 | 20°25 | 28°37 | 5°R43 | 6°43 | 19°12 | 8° 7 | M17 |
| T 18 | 11 41 8 | 27° 1'04 | 14°30 | 5°13 | 15°57 | 14°13 | 1°39 | 5°43 | 15° 7 | 20°24 | 28°37 | 5°42 | 6°40 | 19°18 | 8°11 | T 18 |
| W19 | 11 45 4 | 28° 1'00 | 28°50 | 6°43 | 17°12 | 14°30 | 1°52 | 5°49 | 15° 7 | 20°24 | 28°37 | 5°39 | 6°36 | 19°25 | 8°15 | W19 |
| T 20 | 11 49 1 | 29° 0'53 | 13♒17 | 8°15 | 18°27 | 14°49 | 2° 5 | 5°54 | 15°R 7 | 20°24 | 28°37 | 5°33 | 6°33 | 19°32 | 8°19 | T 20 |
| F 21 | 11 52 57 | 0♈ 0'45 | 27°47 | 9°48 | 19°42 | 15° 7 | 2°19 | 5°59 | 15° 7 | 20°23 | 28°37 | 5°24 | 6°30 | 19°38 | 8°23 | F 21 |
| S 22 | 11 56 54 | 1° 0'35 | 12♓14 | 11°22 | 20°56 | 15°26 | 2°32 | 6° 4 | 15° 7 | 20°23 | 28°37 | 5°14 | 6°27 | 19°45 | 8°27 | S 22 |
| S 23 | 12 0 51 | 2° 0'23 | 26°31 | 12°57 | 22°11 | 15°46 | 2°45 | 6° 9 | 15° 7 | 20°22 | 28°38 | 5° 4 | 6°24 | 19°52 | 8°31 | S 23 |
| M24 | 12 4 47 | 3° 0'09 | 10♈33 | 14°34 | 23°26 | 16° 5 | 2°59 | 6°14 | 15° 7 | 20°22 | 28°38 | 4°54 | 6°21 | 19°58 | 8°35 | M24 |
| T 25 | 12 8 44 | 3°59'53 | 24°14 | 16°12 | 24°41 | 16°25 | 3°12 | 6°19 | 15° 7 | 20°22 | 28°38 | 4°46 | 6°17 | 20° 5 | 8°39 | T 25 |
| W26 | 12 12 40 | 4°59'36 | 7♉32 | 17°51 | 25°55 | 16°46 | 3°26 | 6°24 | 15° 7 | 20°22 | 28°38 | 4°40 | 6°14 | 20°12 | 8°43 | W26 |
| T 27 | 12 16 37 | 5°59'16 | 20°27 | 19°31 | 27°10 | 17° 7 | 3°39 | 6°28 | 15° 6 | 20°22 | 28°39 | 4°37 | 6°11 | 20°18 | 8°47 | T 27 |
| F 28 | 12 20 33 | 6°58'54 | 3♊ 0 | 21°13 | 28°25 | 17°28 | 3°53 | 6°33 | 15° 6 | 20°21 | 28°39 | 4°D36 | 6° 8 | 20°25 | 8°51 | F 28 |
| S 29 | 12 24 30 | 7°58'29 | 15°15 | 22°56 | 29°39 | 17°49 | 4° 7 | 6°37 | 15° 5 | 20°21 | 28°39 | 4°36 | 6° 5 | 20°32 | 8°55 | S 29 |
| S 30 | 12 28 26 | 8°58'03 | 27°17 | 24°40 | 0♈54 | 18°11 | 4°20 | 6°42 | 15° 5 | 20°21 | 28°40 | 4°37 | 6° 2 | 20°38 | 8°59 | S 30 |
| M31 | 12 32 23 | 9♈57'34 | 9♋10 | 26♓25 | 2♈ 8 | 18♋33 | 4♉34 | 6♒46 | 15♐ 4 | 20♋21 | 28♊40 | 4°R38 | 5♐58 | 20♋45 | 9♓ 2 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s49 | 21n30 | 0n 0 | 16s51 | 0s 4 | 14s13 | 1s 3 | 26n16 | 3n18 | 9n47 | 1s 3 | 19s20 | 0s 9 | 22s29 | 0n 3 | 21n 5 | 0s44 | 15n39 | 7s44 | 21s30 | 21s31 | 18n59 | 3s53 | 5n26 |
| S 2 | 7 26 | 21 55 | 1s 3 | 16 42 | 0 14 | 13 50 | 1 4 | 26 14 | 3 17 | 9 51 | 1 3 | 19 18 | 0 9 | 22 29 | 0 3 | 21 6 | 0 44 | 15 39 | 7 43 | 21 30 | 21 31 | 18 57 | 3 51 | 5 26 |
| M 3 | 7 3 | 21 20 | 2 3 | 16 32 | 0 23 | 13 26 | 1 6 | 26 12 | 3 15 | 9 56 | 1 3 | 19 17 | 0 9 | 22 29 | 0 3 | 21 6 | 0 44 | 15 40 | 7 43 | 21 30 | 21 30 | 18 56 | 3 50 | 5 26 |
| T 4 | 6 40 | 19 49 | 2 57 | 16 21 | 0 32 | 13 1 | 1 7 | 26 9 | 3 13 | 10 0 | 1 3 | 19 16 | 0 9 | 22 29 | 0 3 | 21 6 | 0 43 | 15 40 | 7 43 | 21 29 | 21 30 | 18 54 | 3 48 | 5 26 |
| W 5 | 6 17 | 17 27 | 3 43 | 16 8 | 0 41 | 12 37 | 1 9 | 26 7 | 3 12 | 10 5 | 1 3 | 19 14 | 0 9 | 22 29 | 0 3 | 21 6 | 0 43 | 15 40 | 7 43 | 21 28 | 21 29 | 18 53 | 3 47 | 5 26 |
| T 6 | 5 54 | 14 20 | 4 20 | 15 55 | 0 50 | 12 12 | 1 10 | 26 4 | 3 10 | 10 9 | 1 3 | 19 13 | 0 9 | 22 30 | 0 3 | 21 6 | 0 43 | 15 40 | 7 43 | 21 27 | 21 29 | 18 51 | 3 45 | 5 26 |
| F 7 | 5 31 | 10 36 | 4 46 | 15 39 | 0 58 | 11 46 | 1 12 | 26 2 | 3 9 | 10 14 | 1 2 | 19 12 | 0 9 | 22 30 | 0 3 | 21 6 | 0 43 | 15 40 | 7 42 | 21 25 | 21 28 | 18 50 | 3 43 | 5 26 |
| S 8 | 5 7 | 6 23 | 4 59 | 15 23 | 1 5 | 11 20 | 1 13 | 25 59 | 3 7 | 10 18 | 1 2 | 19 10 | 0 9 | 22 30 | 0 3 | 21 7 | 0 43 | 15 41 | 7 42 | 21 23 | 21 28 | 18 48 | 3 42 | 5 26 |
| S 9 | 4 44 | 1 50 | 4 58 | 15 5 | 1 13 | 10 54 | 1 15 | 25 57 | 3 6 | 10 23 | 1 2 | 19 9 | 0 9 | 22 30 | 0 3 | 21 7 | 0 43 | 15 41 | 7 42 | 21 20 | 21 27 | 18 47 | 3 40 | 5 26 |
| M10 | 4 20 | 2s51 | 4 42 | 14 46 | 1 20 | 10 28 | 1 16 | 25 54 | 3 4 | 10 27 | 1 2 | 19 8 | 0 9 | 22 30 | 0 3 | 21 7 | 0 43 | 15 41 | 7 42 | 21 18 | 21 27 | 18 45 | 3 39 | 5 26 |
| T 11 | 3 57 | 7 30 | 4 12 | 14 25 | 1 26 | 10 2 | 1 17 | 25 51 | 3 3 | 10 32 | 1 2 | 19 6 | 0 9 | 22 30 | 0 3 | 21 7 | 0 43 | 15 41 | 7 41 | 21 16 | 21 26 | 18 44 | 3 37 | 5 26 |
| W12 | 3 33 | 11 52 | 3 28 | 14 4 | 1 33 | 9 35 | 1 18 | 25 48 | 3 1 | 10 36 | 1 2 | 19 5 | 0 10 | 22 30 | 0 3 | 21 7 | 0 43 | 15 42 | 7 41 | 21 15 | 21 26 | 18 42 | 3 36 | 5 26 |
| T 13 | 3 10 | 15 44 | 2 33 | 13 41 | 1 38 | 9 8 | 1 19 | 25 45 | 3 0 | 10 41 | 1 1 | 19 4 | 0 10 | 22 30 | 0 3 | 21 7 | 0 43 | 15 42 | 7 41 | 21 13 | 21 25 | 18 40 | 3 34 | 5 26 |
| F 14 | 2 46 | 18 50 | 1 28 | 13 17 | 1 44 | 8 40 | 1 20 | 25 42 | 2 58 | 10 46 | 1 1 | 19 3 | 0 10 | 22 30 | 0 3 | 21 7 | 0 43 | 15 42 | 7 41 | 21 13 | 21 25 | 18 39 | 3 33 | 5 26 |
| S 15 | 2 22 | 20 54 | 0 17 | 12 51 | 1 49 | 8 13 | 1 21 | 25 39 | 2 57 | 10 50 | 1 1 | 19 1 | 0 10 | 22 30 | 0 3 | 21 7 | 0 43 | 15 42 | 7 41 | 21 13 | 21 24 | 18 37 | 3 31 | 5 26 |
| S 16 | 1 58 | 21 45 | 0n56 | 12 25 | 1 54 | 7 45 | 1 22 | 25 36 | 2 56 | 10 55 | 1 1 | 19 0 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 42 | 7 40 | 21 13 | 21 23 | 18 36 | 3 30 | 5 26 |
| M17 | 1 35 | 21 16 | 2 7 | 11 57 | 1 58 | 7 17 | 1 23 | 25 33 | 2 54 | 11 0 | 1 1 | 18 59 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 43 | 7 40 | 21 13 | 21 23 | 18 34 | 3 28 | 5 26 |
| T 18 | 1 11 | 19 26 | 3 11 | 11 28 | 2 2 | 6 48 | 1 23 | 25 30 | 2 53 | 11 4 | 1 1 | 18 58 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 43 | 7 40 | 21 13 | 21 22 | 18 33 | 3 26 | 5 26 |
| W19 | 0 47 | 16 23 | 4 3 | 10 58 | 2 5 | 6 20 | 1 24 | 25 26 | 2 51 | 11 9 | 1 1 | 18 56 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 43 | 7 40 | 21 12 | 21 22 | 18 31 | 3 25 | 5 26 |
| T 20 | 0 23 | 12 18 | 4 41 | 10 26 | 2 8 | 5 51 | 1 25 | 25 23 | 2 50 | 11 14 | 1 0 | 18 55 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 43 | 7 39 | 21 11 | 21 21 | 18 29 | 3 23 | 5 26 |
| F 21 | 0n 0 | 7 30 | 5 0 | 9 54 | 2 11 | 5 23 | 1 25 | 25 19 | 2 49 | 11 18 | 1 0 | 18 54 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 43 | 7 39 | 21 9 | 21 21 | 18 28 | 3 22 | 5 26 |
| S 22 | 0 24 | 2 19 | 5 1 | 9 20 | 2 13 | 4 54 | 1 26 | 25 16 | 2 47 | 11 23 | 1 0 | 18 53 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 44 | 7 39 | 21 8 | 21 20 | 18 26 | 3 20 | 5 26 |
| S 23 | 0 48 | 2n56 | 4 42 | 8 45 | 2 15 | 4 25 | 1 26 | 25 12 | 2 46 | 11 28 | 1 0 | 18 52 | 0 10 | 22 30 | 0 3 | 21 8 | 0 43 | 15 44 | 7 39 | 21 6 | 21 20 | 18 25 | 3 19 | 5 26 |
| M24 | 1 11 | 7 57 | 4 7 | 8 9 | 2 16 | 3 56 | 1 26 | 25 8 | 2 44 | 11 32 | 1 0 | 18 51 | 0 11 | 22 30 | 0 3 | 21 8 | 0 43 | 15 44 | 7 39 | 21 4 | 21 19 | 18 23 | 3 17 | 5 26 |
| T 25 | 1 35 | 12 27 | 3 18 | 7 32 | 2 17 | 3 26 | 1 27 | 25 5 | 2 43 | 11 37 | 1 0 | 18 50 | 0 11 | 22 30 | 0 3 | 21 8 | 0 43 | 15 44 | 7 38 | 21 2 | 21 19 | 18 22 | 3 16 | 5 26 |
| W26 | 1 59 | 16 11 | 2 19 | 6 54 | 2 18 | 2 57 | 1 27 | 25 1 | 2 42 | 11 42 | 1 0 | 18 48 | 0 11 | 22 30 | 0 3 | 21 8 | 0 43 | 15 45 | 7 38 | 21 1 | 21 18 | 18 20 | 3 14 | 5 26 |
| T 27 | 2 22 | 19 2 | 1 15 | 6 15 | 2 18 | 2 27 | 1 27 | 24 57 | 2 40 | 11 46 | 1 0 | 18 47 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 45 | 7 38 | 21 1 | 21 18 | 18 18 | 3 13 | 5 26 |
| F 28 | 2 46 | 20 51 | 0 9 | 5 35 | 2 17 | 1 58 | 1 27 | 24 53 | 2 39 | 11 51 | 0 59 | 18 46 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 45 | 7 38 | 21 1 | 21 17 | 18 17 | 3 11 | 5 27 |
| S 29 | 3 9 | 21 38 | 0s57 | 4 53 | 2 16 | 1 28 | 1 27 | 24 48 | 2 38 | 11 56 | 0 59 | 18 45 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 45 | 7 38 | 21 1 | 21 16 | 18 15 | 3 10 | 5 27 |
| S 30 | 3 33 | 21 23 | 1 59 | 4 11 | 2 15 | 0 59 | 1 27 | 24 44 | 2 36 | 12 0 | 0 59 | 18 44 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 45 | 7 37 | 21 1 | 21 16 | 18 14 | 3 8 | 5 27 |
| M31 | 3n56 | 20n10 | 2s55 | 3s27 | 2s13 | 0s29 | 1s27 | 24n40 | 2n35 | 12n 5 | 0s59 | 18s43 | 0s11 | 22s30 | 0n 3 | 21n 9 | 0s43 | 15n46 | 7s37 | 21s 1 | 21s15 | 18n12 | 3s 6 | 5n27 |

Julian Day Number = 2598796.5, Delta T = 08m48s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'36, Lahiri = 29°29'37


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## APRIL 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 36 20 | 10♈57'03 | 21♋ 0 | 28♓12 | 3♈23 | 18♋55 | 4♉48 | 6♒51 | 15°R 4 | 20°D21 | 28♊41 | 4°R37 | 5♐55 | 20♋52 | 9♓ 6 | T 1 |
| W 2 | 12 40 16 | 11°56'30 | 2♌52 | 0♈ 0 | 4°38 | 19°18 | 5° 2 | 6°55 | 15♐ 3 | 20♋21 | 28°41 | 4♐34 | 5°52 | 20°58 | 9°10 | W 2 |
| T 3 | 12 44 13 | 12°55'54 | 14°50 | 1°49 | 5°52 | 19°41 | 5°16 | 6°59 | 15° 2 | 20°21 | 28°41 | 4°30 | 5°49 | 21° 5 | 9°14 | T 3 |
| F 4 | 12 48 9 | 13°55'16 | 27° 0 | 3°40 | 7° 7 | 20° 4 | 5°30 | 7° 3 | 15° 2 | 20°21 | 28°42 | 4°23 | 5°46 | 21°12 | 9°17 | F 4 |
| S 5 | 12 52 6 | 14°54'36 | 9♍23 | 5°32 | 8°21 | 20°28 | 5°44 | 7° 7 | 15° 1 | 20°21 | 28°42 | 4°15 | 5°42 | 21°19 | 9°21 | S 5 |
| S 6 | 12 56 2 | 15°53'54 | 22° 3 | 7°25 | 9°36 | 20°52 | 5°58 | 7°11 | 15° 0 | 20°22 | 28°43 | 4° 6 | 5°39 | 21°25 | 9°25 | S 6 |
| M 7 | 12 59 59 | 16°53'09 | 4♎59 | 9°20 | 10°50 | 21°16 | 6°12 | 7°15 | 14°59 | 20°22 | 28°43 | 3°58 | 5°36 | 21°32 | 9°28 | M 7 |
| T 8 | 13 3 55 | 17°52'22 | 18°12 | 11°16 | 12° 5 | 21°40 | 6°26 | 7°19 | 14°58 | 20°22 | 28°44 | 3°50 | 5°33 | 21°39 | 9°32 | T 8 |
| W 9 | 13 7 52 | 18°51'34 | 1♏39 | 13°13 | 13°19 | 22° 4 | 6°40 | 7°23 | 14°57 | 20°22 | 28°45 | 3°44 | 5°30 | 21°45 | 9°35 | W 9 |
| T 10 | 13 11 48 | 19°50'43 | 15°19 | 15°12 | 14°34 | 22°29 | 6°54 | 7°26 | 14°56 | 20°23 | 28°45 | 3°41 | 5°27 | 21°52 | 9°39 | T 10 |
| F 11 | 13 15 45 | 20°49'51 | 29°10 | 17°12 | 15°48 | 22°54 | 7° 8 | 7°30 | 14°55 | 20°23 | 28°46 | 3°D39 | 5°23 | 21°59 | 9°42 | F 11 |
| S 12 | 13 19 42 | 21°48'57 | 13♐ 7 | 19°13 | 17° 2 | 23°19 | 7°22 | 7°33 | 14°54 | 20°23 | 28°46 | 3°40 | 5°20 | 22° 5 | 9°46 | S 12 |
| S 13 | 13 23 38 | 22°48'01 | 27°11 | 21°15 | 18°17 | 23°45 | 7°36 | 7°37 | 14°53 | 20°24 | 28°47 | 3°41 | 5°17 | 22°12 | 9°49 | S 13 |
| M14 | 13 27 35 | 23°47'04 | 11♑18 | 23°18 | 19°31 | 24°11 | 7°50 | 7°40 | 14°52 | 20°24 | 28°48 | 3°42 | 5°14 | 22°19 | 9°52 | M14 |
| T 15 | 13 31 31 | 24°46'04 | 25°28 | 25°22 | 20°46 | 24°37 | 8° 5 | 7°43 | 14°50 | 20°24 | 28°48 | 3°R43 | 5°11 | 22°25 | 9°56 | T 15 |
| W16 | 13 35 28 | 25°45'03 | 9♒39 | 27°27 | 22° 0 | 25° 3 | 8°19 | 7°46 | 14°49 | 20°25 | 28°49 | 3°42 | 5° 7 | 22°32 | 9°59 | W16 |
| T 17 | 13 39 24 | 26°44'01 | 23°48 | 29°32 | 23°14 | 25°29 | 8°33 | 7°50 | 14°48 | 20°25 | 28°50 | 3°39 | 5° 4 | 22°39 | 10° 2 | T 17 |
| F 18 | 13 43 21 | 27°42'56 | 7♓53 | 1♉38 | 24°29 | 25°56 | 8°47 | 7°52 | 14°46 | 20°26 | 28°51 | 3°35 | 5° 1 | 22°45 | 10° 6 | F 18 |
| S 19 | 13 47 17 | 28°41'50 | 21°52 | 3°44 | 25°43 | 26°22 | 9° 2 | 7°55 | 14°45 | 20°27 | 28°51 | 3°30 | 4°58 | 22°52 | 10° 9 | S 19 |
| S 20 | 13 51 14 | 29°40'42 | 5♈41 | 5°50 | 26°57 | 26°49 | 9°16 | 7°58 | 14°44 | 20°27 | 28°52 | 3°25 | 4°55 | 22°59 | 10°12 | S 20 |
| M21 | 13 55 11 | 0♉39'32 | 19°16 | 7°55 | 28°12 | 27°17 | 9°30 | 8° 1 | 14°42 | 20°28 | 28°53 | 3°20 | 4°52 | 23° 5 | 10°15 | M21 |
| T 22 | 13 59 7 | 1°38'20 | 2♉36 | 10° 0 | 29°26 | 27°44 | 9°45 | 8° 3 | 14°40 | 20°29 | 28°54 | 3°15 | 4°48 | 23°12 | 10°18 | T 22 |
| W23 | 14 3 4 | 2°37'06 | 15°38 | 12° 4 | 0♉40 | 28°11 | 9°59 | 8° 6 | 14°39 | 20°29 | 28°55 | 3°13 | 4°45 | 23°19 | 10°21 | W23 |
| T 24 | 14 7 0 | 3°35'51 | 28°23 | 14° 6 | 1°55 | 28°39 | 10°13 | 8° 8 | 14°37 | 20°30 | 28°55 | 3°D11 | 4°42 | 23°26 | 10°24 | T 24 |
| F 25 | 14 10 57 | 4°34'33 | 10♊51 | 16° 7 | 3° 9 | 29° 7 | 10°28 | 8°11 | 14°36 | 20°31 | 28°56 | 3°11 | 4°39 | 23°32 | 10°27 | F 25 |
| S 26 | 14 14 53 | 5°33'13 | 23° 4 | 18° 6 | 4°23 | 29°35 | 10°42 | 8°13 | 14°34 | 20°32 | 28°57 | 3°13 | 4°36 | 23°39 | 10°30 | S 26 |
| S 27 | 14 18 50 | 6°31'51 | 5♋ 6 | 20° 3 | 5°37 | 0♌ 3 | 10°56 | 8°15 | 14°32 | 20°33 | 28°58 | 3°14 | 4°33 | 23°46 | 10°32 | S 27 |
| M28 | 14 22 46 | 7°30'27 | 17° 0 | 21°57 | 6°52 | 0°32 | 11°11 | 8°17 | 14°30 | 20°33 | 28°59 | 3°16 | 4°29 | 23°52 | 10°35 | M28 |
| T 29 | 14 26 43 | 8°29'01 | 28°51 | 23°48 | 8° 6 | 1° 0 | 11°25 | 8°19 | 14°28 | 20°34 | 29° 0 | 3°17 | 4°26 | 23°59 | 10°38 | T 29 |
| W30 | 14 30 40 | 9♉27'33 | 10♌44 | 25♉36 | 9♉20 | 1♌29 | 11♉39 | 8♒21 | 14♐27 | 20♋35 | 29♊ 1 | 3°R18 | 4♐23 | 24♋ 6 | 10♓41 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n19 | 18n 5 | 3s43 | 2s43 | 2s11 | 0n 1 | 1s27 | 24n35 | 2n34 | 12n10 | 0s59 | 18s42 | 0s11 | 22s30 | 0n 3 | 21n 9 | 0s43 | 15n46 | 7s37 | 21s 1 | 21s15 | 18n10 | 3s 5 | 5n27 |
| W 2 | 4 43 | 15 14 | 4 22 | 1 57 | 2 8 | 0 30 | 1 27 | 24 31 | 2 33 | 12 15 | 0 59 | 18 41 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 46 | 7 37 | 21 0 | 21 14 | 18 9 | 3 3 | 5 27 |
| T 3 | 5 6 | 11 44 | 4 49 | 1 11 | 2 5 | 1 0 | 1 26 | 24 26 | 2 31 | 12 19 | 0 59 | 18 40 | 0 11 | 22 30 | 0 3 | 21 9 | 0 43 | 15 46 | 7 36 | 21 0 | 21 14 | 18 7 | 3 2 | 5 27 |
| F 4 | 5 29 | 7 43 | 5 4 | 0 24 | 2 1 | 1 30 | 1 26 | 24 22 | 2 30 | 12 24 | 0 59 | 18 39 | 0 12 | 22 30 | 0 3 | 21 9 | 0 42 | 15 47 | 7 36 | 20 58 | 21 13 | 18 6 | 3 0 | 5 27 |
| S 5 | 5 52 | 3 18 | 5 6 | 0n25 | 1 57 | 2 0 | 1 26 | 24 17 | 2 29 | 12 29 | 0 59 | 18 38 | 0 12 | 22 30 | 0 3 | 21 9 | 0 42 | 15 47 | 7 36 | 20 57 | 21 13 | 18 4 | 2 59 | 5 27 |
| S 6 | 6 15 | 1s20 | 4 52 | 1 14 | 1 52 | 2 29 | 1 25 | 24 12 | 2 28 | 12 33 | 0 59 | 18 37 | 0 12 | 22 30 | 0 3 | 21 9 | 0 42 | 15 47 | 7 36 | 20 55 | 21 12 | 18 2 | 2 58 | 5 28 |
| M 7 | 6 37 | 6 1 | 4 24 | 2 4 | 1 46 | 2 59 | 1 25 | 24 7 | 2 26 | 12 38 | 0 58 | 18 36 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 47 | 7 36 | 20 54 | 21 11 | 18 1 | 2 56 | 5 28 |
| T 8 | 7 0 | 10 31 | 3 40 | 2 54 | 1 41 | 3 28 | 1 24 | 24 2 | 2 25 | 12 43 | 0 58 | 18 36 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 47 | 7 35 | 20 52 | 21 11 | 17 59 | 2 55 | 5 28 |
| W 9 | 7 22 | 14 35 | 2 44 | 3 46 | 1 34 | 3 58 | 1 23 | 23 57 | 2 24 | 12 48 | 0 58 | 18 35 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 48 | 7 35 | 20 51 | 21 10 | 17 57 | 2 53 | 5 28 |
| T 10 | 7 45 | 17 57 | 1 38 | 4 38 | 1 27 | 4 27 | 1 23 | 23 52 | 2 23 | 12 52 | 0 58 | 18 34 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 48 | 7 35 | 20 50 | 21 10 | 17 56 | 2 52 | 5 28 |
| F 11 | 8 7 | 20 19 | 0 24 | 5 30 | 1 20 | 4 57 | 1 22 | 23 46 | 2 22 | 12 57 | 0 58 | 18 33 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 48 | 7 35 | 20 50 | 21 9 | 17 54 | 2 50 | 5 28 |
| S 12 | 8 29 | 21 29 | 0n51 | 6 23 | 1 12 | 5 26 | 1 21 | 23 41 | 2 20 | 13 2 | 0 58 | 18 32 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 48 | 7 35 | 20 50 | 21 9 | 17 52 | 2 49 | 5 28 |
| S 13 | 8 51 | 21 17 | 2 4 | 7 17 | 1 4 | 5 55 | 1 20 | 23 35 | 2 19 | 13 6 | 0 58 | 18 32 | 0 12 | 22 29 | 0 3 | 21 9 | 0 42 | 15 48 | 7 34 | 20 50 | 21 8 | 17 51 | 2 47 | 5 29 |
| M14 | 9 13 | 19 45 | 3 10 | 8 11 | 0 55 | 6 24 | 1 19 | 23 30 | 2 18 | 13 11 | 0 58 | 18 31 | 0 13 | 22 29 | 0 3 | 21 9 | 0 42 | 15 49 | 7 34 | 20 51 | 21 8 | 17 49 | 2 46 | 5 29 |
| T 15 | 9 34 | 16 59 | 4 5 | 9 4 | 0 46 | 6 53 | 1 18 | 23 24 | 2 17 | 13 16 | 0 58 | 18 30 | 0 13 | 22 29 | 0 3 | 21 9 | 0 42 | 15 49 | 7 34 | 20 51 | 21 7 | 17 48 | 2 45 | 5 29 |
| W16 | 9 56 | 13 14 | 4 44 | 9 58 | 0 37 | 7 22 | 1 17 | 23 18 | 2 16 | 13 20 | 0 58 | 18 29 | 0 13 | 22 28 | 0 3 | 21 9 | 0 42 | 15 49 | 7 34 | 20 51 | 21 6 | 17 46 | 2 43 | 5 29 |
| T 17 | 10 17 | 8 44 | 5 6 | 10 52 | 0 27 | 7 50 | 1 16 | 23 12 | 2 15 | 13 25 | 0 58 | 18 29 | 0 13 | 22 28 | 0 3 | 21 9 | 0 42 | 15 49 | 7 34 | 20 50 | 21 6 | 17 44 | 2 42 | 5 29 |
| F 18 | 10 38 | 3 47 | 5 10 | 11 46 | 0 16 | 8 19 | 1 15 | 23 6 | 2 13 | 13 29 | 0 57 | 18 28 | 0 13 | 22 28 | 0 3 | 21 9 | 0 42 | 15 49 | 7 33 | 20 49 | 21 5 | 17 43 | 2 41 | 5 30 |
| S 19 | 10 59 | 1n18 | 4 55 | 12 38 | 0 6 | 8 47 | 1 13 | 23 0 | 2 12 | 13 34 | 0 57 | 18 27 | 0 13 | 22 28 | 0 3 | 21 9 | 0 42 | 15 50 | 7 33 | 20 48 | 21 5 | 17 41 | 2 39 | 5 30 |
| S 20 | 11 20 | 6 17 | 4 23 | 13 31 | 0n 5 | 9 15 | 1 12 | 22 54 | 2 11 | 13 39 | 0 57 | 18 27 | 0 13 | 22 28 | 0 3 | 21 8 | 0 42 | 15 50 | 7 33 | 20 47 | 21 4 | 17 39 | 2 38 | 5 30 |
| M21 | 11 41 | 10 52 | 3 37 | 14 22 | 0 16 | 9 43 | 1 11 | 22 47 | 2 10 | 13 43 | 0 57 | 18 26 | 0 13 | 22 28 | 0 3 | 21 8 | 0 42 | 15 50 | 7 33 | 20 46 | 21 4 | 17 38 | 2 37 | 5 30 |
| T 22 | 12 1 | 14 51 | 2 39 | 15 12 | 0 27 | 10 10 | 1 9 | 22 41 | 2 9 | 13 48 | 0 57 | 18 26 | 0 13 | 22 27 | 0 3 | 21 8 | 0 42 | 15 50 | 7 33 | 20 46 | 21 3 | 17 36 | 2 35 | 5 30 |
| W23 | 12 21 | 18 0 | 1 35 | 16 1 | 0 38 | 10 37 | 1 8 | 22 34 | 2 8 | 13 52 | 0 57 | 18 25 | 0 13 | 22 27 | 0 3 | 21 8 | 0 42 | 15 50 | 7 33 | 20 45 | 21 2 | 17 34 | 2 34 | 5 31 |
| T 24 | 12 41 | 20 11 | 0 26 | 16 49 | 0 49 | 11 4 | 1 6 | 22 27 | 2 7 | 13 57 | 0 57 | 18 24 | 0 13 | 22 27 | 0 3 | 21 8 | 0 42 | 15 51 | 7 32 | 20 45 | 21 2 | 17 33 | 2 33 | 5 31 |
| F 25 | 13 1 | 21 20 | 0s42 | 17 35 | 1 0 | 11 31 | 1 5 | 22 20 | 2 6 | 14 1 | 0 57 | 18 24 | 0 14 | 22 27 | 0 3 | 21 8 | 0 42 | 15 51 | 7 32 | 20 45 | 21 1 | 17 31 | 2 31 | 5 31 |
| S 26 | 13 21 | 21 25 | 1 47 | 18 18 | 1 10 | 11 58 | 1 3 | 22 14 | 2 5 | 14 6 | 0 57 | 18 24 | 0 14 | 22 27 | 0 3 | 21 8 | 0 42 | 15 51 | 7 32 | 20 45 | 21 1 | 17 29 | 2 30 | 5 31 |
| S 27 | 13 40 | 20 31 | 2 46 | 19 0 | 1 20 | 12 24 | 1 1 | 22 6 | 2 4 | 14 10 | 0 57 | 18 23 | 0 14 | 22 27 | 0 3 | 21 8 | 0 42 | 15 51 | 7 32 | 20 45 | 21 0 | 17 27 | 2 29 | 5 31 |
| M28 | 13 59 | 18 42 | 3 38 | 19 40 | 1 30 | 12 50 | 1 0 | 21 59 | 2 3 | 14 15 | 0 57 | 18 23 | 0 14 | 22 26 | 0 3 | 21 8 | 0 42 | 15 51 | 7 32 | 20 46 | 20 59 | 17 26 | 2 28 | 5 32 |
| T 29 | 14 18 | 16 6 | 4 20 | 20 17 | 1 40 | 13 16 | 0 58 | 21 52 | 2 2 | 14 19 | 0 57 | 18 22 | 0 14 | 22 26 | 0 3 | 21 8 | 0 42 | 15 52 | 7 31 | 20 46 | 20 59 | 17 24 | 2 26 | 5 32 |
| W30 | 14n37 | 12n50 | 4s51 | 20n52 | 1n49 | 13n41 | 0s56 | 21n45 | 2n 1 | 14n24 | 0s57 | 18s22 | 0s14 | 22s26 | 0n 3 | 21n 8 | 0s42 | 15n52 | 7s31 | 20s46 | 20s58 | 17n22 | 2s25 | 5n32 |

Julian Day Number = 2598827.5, Delta T = 08m48s
Ecliptic obliquity = 23°23'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'40, Lahiri = 29°29'41


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## MAY 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 34 36 | 10♉26'02 | 22♌43 | 27♉20 | 10♉34 | 1♌58 | 11♉54 | 8♒23 | 14°R25 | 20♋36 | 29♊ 2 | 3°R17 | 4♐20 | 24♋12 | 10♓43 | T 1 |
| F 2 | 14 38 33 | 11°24'29 | 4♍54 | 29° 1 | 11°48 | 2°27 | 12° 8 | 8°24 | 14♐23 | 20°37 | 29° 3 | 3♐15 | 4°17 | 24°19 | 10°46 | F 2 |
| S 3 | 14 42 29 | 12°22'55 | 17°19 | 0♊38 | 13° 2 | 2°56 | 12°23 | 8°26 | 14°21 | 20°38 | 29° 4 | 3°13 | 4°13 | 24°26 | 10°48 | S 3 |
| S 4 | 14 46 26 | 13°21'18 | 0♎ 4 | 2°11 | 14°17 | 3°26 | 12°37 | 8°27 | 14°19 | 20°39 | 29° 5 | 3°10 | 4°10 | 24°32 | 10°51 | S 4 |
| M 5 | 14 50 22 | 14°19'39 | 13° 9 | 3°40 | 15°31 | 3°55 | 12°51 | 8°29 | 14°17 | 20°40 | 29° 6 | 3° 7 | 4° 7 | 24°39 | 10°53 | M 5 |
| T 6 | 14 54 19 | 15°17'58 | 26°35 | 5° 5 | 16°45 | 4°25 | 13° 6 | 8°30 | 14°15 | 20°42 | 29° 7 | 3° 5 | 4° 4 | 24°46 | 10°56 | T 6 |
| W 7 | 14 58 15 | 16°16'15 | 10♏21 | 6°25 | 17°59 | 4°55 | 13°20 | 8°31 | 14°13 | 20°43 | 29° 8 | 3° 3 | 4° 1 | 24°53 | 10°58 | W 7 |
| T 8 | 15 2 12 | 17°14'31 | 24°24 | 7°41 | 19°13 | 5°24 | 13°34 | 8°32 | 14°11 | 20°44 | 29° 9 | 3° 2 | 3°58 | 24°59 | 11° 0 | T 8 |
| F 9 | 15 6 9 | 18°12'45 | 8♐41 | 8°53 | 20°27 | 5°54 | 13°49 | 8°33 | 14° 8 | 20°45 | 29°10 | 3°D 2 | 3°54 | 25° 6 | 11° 2 | F 9 |
| S 10 | 15 10 5 | 19°10'57 | 23° 6 | 9°59 | 21°41 | 6°25 | 14° 3 | 8°34 | 14° 6 | 20°46 | 29°12 | 3° 3 | 3°51 | 25°13 | 11° 5 | S 10 |
| S 11 | 15 14 2 | 20° 9'08 | 7♑35 | 11° 1 | 22°55 | 6°55 | 14°17 | 8°35 | 14° 4 | 20°48 | 29°13 | 3° 4 | 3°48 | 25°19 | 11° 7 | S 11 |
| M12 | 15 17 58 | 21° 7'17 | 22° 3 | 11°59 | 24° 9 | 7°25 | 14°32 | 8°36 | 14° 2 | 20°49 | 29°14 | 3° 4 | 3°45 | 25°26 | 11° 9 | M12 |
| T 13 | 15 21 55 | 22° 5'25 | 6♒25 | 12°51 | 25°23 | 7°56 | 14°46 | 8°36 | 14° 0 | 20°50 | 29°15 | 3° 5 | 3°42 | 25°33 | 11°11 | T 13 |
| W14 | 15 25 51 | 23° 3'32 | 20°38 | 13°39 | 26°37 | 8°27 | 15° 0 | 8°37 | 13°57 | 20°51 | 29°16 | 3°R 6 | 3°39 | 25°39 | 11°13 | W14 |
| T 15 | 15 29 48 | 24° 1'37 | 4♓41 | 14°21 | 27°51 | 8°57 | 15°15 | 8°37 | 13°55 | 20°53 | 29°17 | 3° 5 | 3°35 | 25°46 | 11°15 | T 15 |
| F 16 | 15 33 44 | 24°59'40 | 18°31 | 14°59 | 29° 5 | 9°28 | 15°29 | 8°37 | 13°53 | 20°54 | 29°18 | 3° 5 | 3°32 | 25°53 | 11°16 | F 16 |
| S 17 | 15 37 41 | 25°57'43 | 2♈ 9 | 15°32 | 0♊19 | 9°59 | 15°43 | 8°38 | 13°50 | 20°56 | 29°20 | 3° 4 | 3°29 | 25°59 | 11°18 | S 17 |
| S 18 | 15 41 38 | 26°55'44 | 15°32 | 15°59 | 1°33 | 10°30 | 15°57 | 8°38 | 13°48 | 20°57 | 29°21 | 3° 3 | 3°26 | 26° 6 | 11°20 | S 18 |
| M19 | 15 45 34 | 27°53'43 | 28°42 | 16°22 | 2°47 | 11° 2 | 16°12 | 8°R38 | 13°46 | 20°59 | 29°22 | 3° 3 | 3°23 | 26°13 | 11°22 | M19 |
| T 20 | 15 49 31 | 28°51'42 | 11♉37 | 16°39 | 4° 1 | 11°33 | 16°26 | 8°38 | 13°43 | 21° 0 | 29°23 | 3° 2 | 3°19 | 26°20 | 11°23 | T 20 |
| W21 | 15 53 27 | 29°49'39 | 24°19 | 16°52 | 5°14 | 12° 4 | 16°40 | 8°37 | 13°41 | 21° 2 | 29°25 | 3° 2 | 3°16 | 26°26 | 11°25 | W21 |
| T 22 | 15 57 24 | 0♊47'34 | 6♊48 | 16°59 | 6°28 | 12°36 | 16°54 | 8°37 | 13°39 | 21° 3 | 29°26 | 3°D 2 | 3°13 | 26°33 | 11°26 | T 22 |
| F 23 | 16 1 20 | 1°45'28 | 19° 5 | 17°R 1 | 7°42 | 13° 8 | 17° 8 | 8°37 | 13°36 | 21° 5 | 29°27 | 3° 2 | 3°10 | 26°40 | 11°28 | F 23 |
| S 24 | 16 5 17 | 2°43'21 | 1♋12 | 16°59 | 8°56 | 13°39 | 17°22 | 8°36 | 13°34 | 21° 6 | 29°28 | 3°R 2 | 3° 7 | 26°46 | 11°29 | S 24 |
| S 25 | 16 9 13 | 3°41'12 | 13°10 | 16°52 | 10°10 | 14°11 | 17°37 | 8°36 | 13°31 | 21° 8 | 29°30 | 3° 2 | 3° 4 | 26°53 | 11°31 | S 25 |
| M26 | 16 13 10 | 4°39'01 | 25° 3 | 16°41 | 11°24 | 14°43 | 17°51 | 8°35 | 13°29 | 21°10 | 29°31 | 3° 2 | 3° 0 | 27° 0 | 11°32 | M26 |
| T 27 | 16 17 7 | 5°36'49 | 6♌54 | 16°25 | 12°38 | 15°15 | 18° 5 | 8°34 | 13°26 | 21°11 | 29°32 | 3° 2 | 2°57 | 27° 6 | 11°33 | T 27 |
| W28 | 16 21 3 | 6°34'35 | 18°47 | 16° 5 | 13°51 | 15°48 | 18°19 | 8°33 | 13°24 | 21°13 | 29°34 | 3° 1 | 2°54 | 27°13 | 11°34 | W28 |
| T 29 | 16 25 0 | 7°32'19 | 0♍45 | 15°42 | 15° 5 | 16°20 | 18°33 | 8°32 | 13°21 | 21°15 | 29°35 | 3° 1 | 2°51 | 27°20 | 11°35 | T 29 |
| F 30 | 16 28 56 | 8°30'02 | 12°54 | 15°16 | 16°19 | 16°52 | 18°46 | 8°31 | 13°19 | 21°16 | 29°36 | 3°D 1 | 2°48 | 27°27 | 11°36 | F 30 |
| S 31 | 16 32 53 | 9♊27'43 | 25♍18 | 14♊47 | 17♊33 | 17♌25 | 19♉ 0 | 8♒30 | 13♐17 | 21♋18 | 29♊38 | 3♐ 1 | 2♐45 | 27♋33 | 11♓37 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14n55 | 9n 2 | 5s10 | 21n25 | 1n57 | 14n 6 | 0s54 | 21n37 | 2n 0 | 14n28 | 0s57 | 18s21 | 0s14 | 22s26 | 0n 3 | 21n 8 | 0s42 | 15n52 | 7s31 | 20s46 | 20s58 | 17n21 | 2s24 | 5n32 |
| F 2 | 15 13 | 4 48 | 5 15 | 21 55 | 2 5 | 14 31 | 0 53 | 21 30 | 1 59 | 14 33 | 0 57 | 18 21 | 0 14 | 22 26 | 0 3 | 21 7 | 0 42 | 15 52 | 7 31 | 20 46 | 20 57 | 17 19 | 2 23 | 5 33 |
| S 3 | 15 31 | 0 18 | 5 5 | 22 23 | 2 11 | 14 55 | 0 51 | 21 22 | 1 58 | 14 37 | 0 57 | 18 21 | 0 14 | 22 25 | 0 3 | 21 7 | 0 42 | 15 52 | 7 31 | 20 45 | 20 57 | 17 17 | 2 22 | 5 33 |
| S 4 | 15 49 | 4s19 | 4 41 | 22 48 | 2 18 | 15 19 | 0 49 | 21 14 | 1 57 | 14 42 | 0 56 | 18 21 | 0 15 | 22 25 | 0 3 | 21 7 | 0 41 | 15 52 | 7 31 | 20 45 | 20 56 | 17 16 | 2 20 | 5 33 |
| M 5 | 16 6 | 8 53 | 4 2 | 23 11 | 2 23 | 15 42 | 0 47 | 21 6 | 1 56 | 14 46 | 0 56 | 18 20 | 0 15 | 22 25 | 0 3 | 21 7 | 0 41 | 15 53 | 7 30 | 20 44 | 20 55 | 17 14 | 2 19 | 5 33 |
| T 6 | 16 23 | 13 9 | 3 8 | 23 31 | 2 27 | 16 5 | 0 45 | 20 58 | 1 55 | 14 50 | 0 56 | 18 20 | 0 15 | 22 25 | 0 3 | 21 7 | 0 41 | 15 53 | 7 30 | 20 44 | 20 55 | 17 12 | 2 18 | 5 34 |
| W 7 | 16 40 | 16 49 | 2 2 | 23 49 | 2 31 | 16 28 | 0 43 | 20 50 | 1 54 | 14 55 | 0 56 | 18 20 | 0 15 | 22 24 | 0 3 | 21 7 | 0 41 | 15 53 | 7 30 | 20 43 | 20 54 | 17 10 | 2 17 | 5 34 |
| T 8 | 16 57 | 19 36 | 0 48 | 24 4 | 2 34 | 16 50 | 0 41 | 20 42 | 1 53 | 14 59 | 0 56 | 18 20 | 0 15 | 22 24 | 0 3 | 21 7 | 0 41 | 15 53 | 7 30 | 20 43 | 20 54 | 17 9 | 2 16 | 5 34 |
| F 9 | 17 13 | 21 11 | 0n31 | 24 17 | 2 35 | 17 12 | 0 38 | 20 33 | 1 52 | 15 3 | 0 56 | 18 20 | 0 15 | 22 24 | 0 3 | 21 6 | 0 41 | 15 53 | 7 30 | 20 43 | 20 53 | 17 7 | 2 15 | 5 34 |
| S 10 | 17 29 | 21 24 | 1 49 | 24 28 | 2 36 | 17 34 | 0 36 | 20 25 | 1 51 | 15 8 | 0 56 | 18 19 | 0 15 | 22 24 | 0 3 | 21 6 | 0 41 | 15 53 | 7 30 | 20 43 | 20 52 | 17 5 | 2 14 | 5 35 |
| S 11 | 17 45 | 20 11 | 3 0 | 24 37 | 2 36 | 17 55 | 0 34 | 20 16 | 1 50 | 15 12 | 0 56 | 18 19 | 0 15 | 22 23 | 0 3 | 21 6 | 0 41 | 15 54 | 7 29 | 20 43 | 20 52 | 17 4 | 2 13 | 5 35 |
| M12 | 18 0 | 17 39 | 3 59 | 24 44 | 2 34 | 18 15 | 0 32 | 20 8 | 1 49 | 15 16 | 0 56 | 18 19 | 0 15 | 22 23 | 0 3 | 21 6 | 0 41 | 15 54 | 7 29 | 20 44 | 20 51 | 17 2 | 2 12 | 5 35 |
| T 13 | 18 15 | 14 3 | 4 43 | 24 48 | 2 32 | 18 35 | 0 30 | 19 59 | 1 48 | 15 20 | 0 56 | 18 19 | 0 15 | 22 23 | 0 3 | 21 6 | 0 41 | 15 54 | 7 29 | 20 44 | 20 51 | 17 0 | 2 11 | 5 35 |
| W14 | 18 30 | 9 41 | 5 9 | 24 51 | 2 29 | 18 55 | 0 27 | 19 50 | 1 47 | 15 24 | 0 56 | 18 19 | 0 16 | 22 23 | 0 3 | 21 6 | 0 41 | 15 54 | 7 29 | 20 44 | 20 50 | 16 58 | 2 10 | 5 36 |
| T 15 | 18 44 | 4 51 | 5 17 | 24 52 | 2 24 | 19 14 | 0 25 | 19 41 | 1 46 | 15 29 | 0 56 | 18 19 | 0 16 | 22 22 | 0 3 | 21 5 | 0 41 | 15 54 | 7 29 | 20 44 | 20 49 | 16 57 | 2 9 | 5 36 |
| F 16 | 18 58 | 0n10 | 5 5 | 24 50 | 2 19 | 19 32 | 0 23 | 19 32 | 1 45 | 15 33 | 0 56 | 18 19 | 0 16 | 22 22 | 0 3 | 21 5 | 0 41 | 15 54 | 7 29 | 20 44 | 20 49 | 16 55 | 2 8 | 5 36 |
| S 17 | 19 12 | 5 5 | 4 37 | 24 47 | 2 12 | 19 50 | 0 21 | 19 23 | 1 44 | 15 37 | 0 56 | 18 19 | 0 16 | 22 22 | 0 3 | 21 5 | 0 41 | 15 54 | 7 29 | 20 43 | 20 48 | 16 53 | 2 7 | 5 36 |
| S 18 | 19 26 | 9 42 | 3 54 | 24 43 | 2 4 | 20 8 | 0 18 | 19 13 | 1 43 | 15 41 | 0 56 | 18 19 | 0 16 | 22 22 | 0 3 | 21 5 | 0 41 | 15 55 | 7 28 | 20 43 | 20 48 | 16 51 | 2 6 | 5 37 |
| M19 | 19 39 | 13 47 | 2 59 | 24 36 | 1 56 | 20 25 | 0 16 | 19 4 | 1 42 | 15 45 | 0 56 | 18 19 | 0 16 | 22 21 | 0 3 | 21 5 | 0 41 | 15 55 | 7 28 | 20 43 | 20 47 | 16 50 | 2 5 | 5 37 |
| T 20 | 19 52 | 17 8 | 1 56 | 24 28 | 1 46 | 20 41 | 0 14 | 18 54 | 1 42 | 15 49 | 0 56 | 18 19 | 0 16 | 22 21 | 0 3 | 21 4 | 0 41 | 15 55 | 7 28 | 20 43 | 20 46 | 16 48 | 2 4 | 5 37 |
| W21 | 20 4 | 19 35 | 0 48 | 24 19 | 1 35 | 20 57 | 0 11 | 18 45 | 1 41 | 15 53 | 0 56 | 18 20 | 0 16 | 22 21 | 0 3 | 21 4 | 0 41 | 15 55 | 7 28 | 20 43 | 20 46 | 16 46 | 2 4 | 5 38 |
| T 22 | 20 16 | 21 3 | 0s21 | 24 7 | 1 23 | 21 12 | 0 9 | 18 35 | 1 40 | 15 57 | 0 56 | 18 20 | 0 16 | 22 21 | 0 3 | 21 4 | 0 41 | 15 55 | 7 28 | 20 43 | 20 45 | 16 44 | 2 3 | 5 38 |
| F 23 | 20 28 | 21 29 | 1 28 | 23 55 | 1 10 | 21 26 | 0 6 | 18 25 | 1 39 | 16 1 | 0 56 | 18 20 | 0 17 | 22 20 | 0 3 | 21 4 | 0 41 | 15 55 | 7 28 | 20 43 | 20 45 | 16 43 | 2 2 | 5 38 |
| S 24 | 20 39 | 20 53 | 2 30 | 23 41 | 0 56 | 21 40 | 0 4 | 18 15 | 1 38 | 16 5 | 0 56 | 18 20 | 0 17 | 22 20 | 0 3 | 21 4 | 0 41 | 15 55 | 7 28 | 20 43 | 20 44 | 16 41 | 2 1 | 5 38 |
| S 25 | 20 51 | 19 20 | 3 25 | 23 25 | 0 41 | 21 54 | 0 2 | 18 5 | 1 37 | 16 9 | 0 56 | 18 20 | 0 17 | 22 20 | 0 3 | 21 3 | 0 41 | 15 55 | 7 28 | 20 43 | 20 43 | 16 39 | 2 0 | 5 39 |
| M26 | 21 1 | 16 58 | 4 10 | 23 9 | 0 26 | 22 7 | 0n 1 | 17 55 | 1 36 | 16 13 | 0 56 | 18 21 | 0 17 | 22 19 | 0 3 | 21 3 | 0 41 | 15 56 | 7 27 | 20 43 | 20 43 | 16 37 | 2 0 | 5 39 |
| T 27 | 21 12 | 13 54 | 4 45 | 22 51 | 0 10 | 22 19 | 0 3 | 17 45 | 1 35 | 16 17 | 0 56 | 18 21 | 0 17 | 22 19 | 0 3 | 21 3 | 0 41 | 15 56 | 7 27 | 20 43 | 20 42 | 16 36 | 1 59 | 5 39 |
| W28 | 21 22 | 10 17 | 5 7 | 22 33 | 0s 7 | 22 30 | 0 6 | 17 34 | 1 34 | 16 21 | 0 56 | 18 21 | 0 17 | 22 19 | 0 3 | 21 3 | 0 41 | 15 56 | 7 27 | 20 43 | 20 42 | 16 34 | 1 58 | 5 40 |
| T 29 | 21 31 | 6 14 | 5 17 | 22 13 | 0 24 | 22 41 | 0 8 | 17 24 | 1 34 | 16 25 | 0 56 | 18 22 | 0 17 | 22 18 | 0 3 | 21 2 | 0 41 | 15 56 | 7 27 | 20 43 | 20 41 | 16 32 | 1 58 | 5 40 |
| F 30 | 21 40 | 1 53 | 5 13 | 21 53 | 0 42 | 22 51 | 0 10 | 17 13 | 1 33 | 16 28 | 0 56 | 18 22 | 0 17 | 22 18 | 0 3 | 21 2 | 0 41 | 15 56 | 7 27 | 20 43 | 20 40 | 16 30 | 1 57 | 5 40 |
| S 31 | 21n49 | 2s38 | 4s54 | 21n32 | 0s59 | 23n 1 | 0n13 | 17n 2 | 1n32 | 16n32 | 0s56 | 18s23 | 0s17 | 22s18 | 0n 3 | 21n 2 | 0s41 | 15n56 | 7s27 | 20s43 | 20s40 | 16n28 | 1s56 | 5n40 |

Julian Day Number = 2598857.5, Delta T = 08m48s
Ecliptic obliquity = 23°23'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'44, Lahiri = 29°29'46


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## JUNE 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 36 49 | 10♊25'23 | 8♎ 1 | 14°R17 | 18♊46 | 17♌57 | 19♉14 | 8°R29 | 13°R14 | 21♋20 | 29♊39 | 3♐ 2 | 2♐41 | 27♋40 | 11♓38 | S 1 |
| M 2 | 16 40 46 | 11°23'01 | 21° 7 | 13♊44 | 20° 0 | 18°30 | 19°28 | 8♒28 | 13♐12 | 21°22 | 29°40 | 3° 3 | 2°38 | 27°47 | 11°39 | M 2 |
| T 3 | 16 44 42 | 12°20'38 | 4♏37 | 13°11 | 21°14 | 19° 3 | 19°42 | 8°26 | 13° 9 | 21°23 | 29°42 | 3° 3 | 2°35 | 27°53 | 11°40 | T 3 |
| W 4 | 16 48 39 | 13°18'14 | 18°32 | 12°37 | 22°28 | 19°36 | 19°56 | 8°25 | 13° 7 | 21°25 | 29°43 | 3° 4 | 2°32 | 28° 0 | 11°41 | W 4 |
| T 5 | 16 52 36 | 14°15'48 | 2♐50 | 12° 3 | 23°41 | 20° 8 | 20° 9 | 8°23 | 13° 4 | 21°27 | 29°44 | 3°R 4 | 2°29 | 28° 7 | 11°41 | T 5 |
| F 6 | 16 56 32 | 15°13'21 | 17°27 | 11°30 | 24°55 | 20°41 | 20°23 | 8°21 | 13° 2 | 21°29 | 29°46 | 3° 4 | 2°25 | 28°13 | 11°42 | F 6 |
| S 7 | 17 0 29 | 16°10'53 | 2♑17 | 10°58 | 26° 9 | 21°15 | 20°37 | 8°20 | 12°59 | 21°31 | 29°47 | 3° 3 | 2°22 | 28°20 | 11°42 | S 7 |
| S 8 | 17 4 25 | 17° 8'24 | 17°12 | 10°28 | 27°22 | 21°48 | 20°50 | 8°18 | 12°57 | 21°33 | 29°49 | 3° 2 | 2°19 | 28°27 | 11°43 | S 8 |
| M 9 | 17 8 22 | 18° 5'55 | 2♒ 4 | 10° 1 | 28°36 | 22°21 | 21° 4 | 8°16 | 12°54 | 21°35 | 29°50 | 3° 0 | 2°16 | 28°34 | 11°43 | M 9 |
| T 10 | 17 12 18 | 19° 3'24 | 16°46 | 9°36 | 29°50 | 22°54 | 21°17 | 8°14 | 12°52 | 21°37 | 29°51 | 2°58 | 2°13 | 28°40 | 11°44 | T 10 |
| W11 | 17 16 15 | 20° 0'53 | 1♓12 | 9°15 | 1♋ 3 | 23°28 | 21°31 | 8°12 | 12°49 | 21°39 | 29°53 | 2°57 | 2°10 | 28°47 | 11°44 | W11 |
| T 12 | 17 20 11 | 20°58'20 | 15°19 | 8°57 | 2°17 | 24° 1 | 21°44 | 8° 9 | 12°47 | 21°40 | 29°54 | 2°D56 | 2° 6 | 28°54 | 11°44 | T 12 |
| F 13 | 17 24 8 | 21°55'48 | 29° 5 | 8°42 | 3°30 | 24°35 | 21°57 | 8° 7 | 12°44 | 21°42 | 29°55 | 2°56 | 2° 3 | 29° 0 | 11°44 | F 13 |
| S 14 | 17 28 5 | 22°53'14 | 12♈31 | 8°32 | 4°44 | 25° 8 | 22°11 | 8° 5 | 12°42 | 21°44 | 29°57 | 2°57 | 2° 0 | 29° 7 | 11°45 | S 14 |
| S 15 | 17 32 1 | 23°50'40 | 25°38 | 8°26 | 5°58 | 25°42 | 22°24 | 8° 2 | 12°39 | 21°46 | 29°58 | 2°58 | 1°57 | 29°14 | 11°45 | S 15 |
| M16 | 17 35 58 | 24°48'06 | 8♉29 | 8°D25 | 7°11 | 26°16 | 22°37 | 8° 0 | 12°37 | 21°48 | 29°59 | 3° 0 | 1°54 | 29°20 | 11°R45 | M16 |
| T 17 | 17 39 54 | 25°45'31 | 21° 5 | 8°28 | 8°25 | 26°50 | 22°50 | 7°57 | 12°35 | 21°51 | 0♋ 1 | 3° 1 | 1°51 | 29°27 | 11°45 | T 17 |
| W18 | 17 43 51 | 26°42'55 | 3♊28 | 8°35 | 9°38 | 27°24 | 23° 3 | 7°54 | 12°32 | 21°53 | 0° 3 | 3°R 1 | 1°47 | 29°34 | 11°44 | W18 |
| T 19 | 17 47 47 | 27°40'18 | 15°42 | 8°47 | 10°52 | 27°58 | 23°16 | 7°52 | 12°30 | 21°55 | 0° 4 | 3° 1 | 1°44 | 29°41 | 11°44 | T 19 |
| F 20 | 17 51 44 | 28°37'41 | 27°47 | 9° 3 | 12° 5 | 28°32 | 23°29 | 7°49 | 12°27 | 21°57 | 0° 5 | 2°59 | 1°41 | 29°47 | 11°44 | F 20 |
| S 21 | 17 55 40 | 29°35'04 | 9♋46 | 9°24 | 13°19 | 29° 6 | 23°42 | 7°46 | 12°25 | 21°59 | 0° 7 | 2°56 | 1°38 | 29°54 | 11°44 | S 21 |
| S 22 | 17 59 37 | 0♋32'25 | 21°40 | 9°50 | 14°33 | 29°40 | 23°55 | 7°43 | 12°23 | 22° 1 | 0° 8 | 2°52 | 1°35 | 0♌ 1 | 11°43 | S 22 |
| M23 | 18 3 34 | 1°29'46 | 3♌31 | 10°20 | 15°46 | 0♍14 | 24° 8 | 7°40 | 12°20 | 22° 3 | 0°10 | 2°47 | 1°31 | 0° 7 | 11°43 | M23 |
| T 24 | 18 7 30 | 2°27'06 | 15°22 | 10°54 | 17° 0 | 0°49 | 24°21 | 7°37 | 12°18 | 22° 5 | 0°11 | 2°42 | 1°28 | 0°14 | 11°42 | T 24 |
| W25 | 18 11 27 | 3°24'25 | 27°15 | 11°33 | 18°13 | 1°23 | 24°33 | 7°33 | 12°16 | 22° 7 | 0°12 | 2°37 | 1°25 | 0°21 | 11°42 | W25 |
| T 26 | 18 15 23 | 4°21'44 | 9♍13 | 12°15 | 19°27 | 1°58 | 24°46 | 7°30 | 12°14 | 22° 9 | 0°14 | 2°33 | 1°22 | 0°27 | 11°41 | T 26 |
| F 27 | 18 19 20 | 5°19'01 | 21°21 | 13° 2 | 20°40 | 2°32 | 24°59 | 7°27 | 12°11 | 22°12 | 0°15 | 2°31 | 1°19 | 0°34 | 11°41 | F 27 |
| S 28 | 18 23 16 | 6°16'18 | 3♎42 | 13°53 | 21°53 | 3° 7 | 25°11 | 7°23 | 12° 9 | 22°14 | 0°17 | 2°D30 | 1°16 | 0°41 | 11°40 | S 28 |
| S 29 | 18 27 13 | 7°13'34 | 16°21 | 14°48 | 23° 7 | 3°42 | 25°23 | 7°20 | 12° 7 | 22°16 | 0°18 | 2°30 | 1°12 | 0°48 | 11°39 | S 29 |
| M30 | 18 31 9 | 8♋10'50 | 29♎22 | 15♊47 | 24♋20 | 4♍16 | 25♉36 | 7♒16 | 12♐ 5 | 22♋18 | 0♋20 | 2♐32 | 1♐ 9 | 0♌54 | 11♓38 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21n58 | 7s10 | 4s20 | 21n11 | 1s17 | 23n10 | 0n15 | 16n52 | 1n31 | 16n36 | 0s56 | 18s23 | 0s17 | 22s18 | 0n 3 | 21n 2 | 0s41 | 15n56 | 7s27 | 20s43 | 20s39 | 16n27 | 1s56 | 5n41 |
| M 2 | 22 6 | 11 30 | 3 32 | 20 50 | 1 35 | 23 18 | 0 18 | 16 41 | 1 30 | 16 40 | 0 56 | 18 23 | 0 18 | 22 17 | 0 3 | 21 1 | 0 41 | 15 56 | 7 27 | 20 43 | 20 38 | 16 25 | 1 55 | 5 41 |
| T 3 | 22 13 | 15 24 | 2 31 | 20 29 | 1 52 | 23 26 | 0 20 | 16 30 | 1 29 | 16 43 | 0 56 | 18 24 | 0 18 | 22 17 | 0 3 | 21 1 | 0 41 | 15 56 | 7 27 | 20 43 | 20 38 | 16 23 | 1 54 | 5 41 |
| W 4 | 22 21 | 18 35 | 1 20 | 20 8 | 2 8 | 23 33 | 0 22 | 16 19 | 1 29 | 16 47 | 0 56 | 18 24 | 0 18 | 22 17 | 0 3 | 21 1 | 0 41 | 15 57 | 7 27 | 20 43 | 20 37 | 16 21 | 1 54 | 5 42 |
| T 5 | 22 28 | 20 42 | 0 1 | 19 48 | 2 24 | 23 39 | 0 25 | 16 7 | 1 28 | 16 51 | 0 56 | 18 25 | 0 18 | 22 16 | 0 3 | 21 1 | 0 41 | 15 57 | 7 26 | 20 44 | 20 37 | 16 20 | 1 53 | 5 42 |
| F 6 | 22 34 | 21 29 | 1n19 | 19 29 | 2 40 | 23 44 | 0 27 | 15 56 | 1 27 | 16 54 | 0 56 | 18 25 | 0 18 | 22 16 | 0 3 | 21 0 | 0 41 | 15 57 | 7 26 | 20 43 | 20 36 | 16 18 | 1 53 | 5 42 |
| S 7 | 22 40 | 20 47 | 2 35 | 19 10 | 2 54 | 23 49 | 0 30 | 15 45 | 1 26 | 16 58 | 0 56 | 18 26 | 0 18 | 22 16 | 0 3 | 21 0 | 0 41 | 15 57 | 7 26 | 20 43 | 20 35 | 16 16 | 1 52 | 5 42 |
| S 8 | 22 46 | 18 38 | 3 41 | 18 53 | 3 7 | 23 53 | 0 32 | 15 33 | 1 25 | 17 2 | 0 56 | 18 27 | 0 18 | 22 15 | 0 3 | 21 0 | 0 41 | 15 57 | 7 26 | 20 43 | 20 35 | 16 14 | 1 52 | 5 43 |
| M 9 | 22 51 | 15 15 | 4 31 | 18 37 | 3 20 | 23 57 | 0 34 | 15 22 | 1 24 | 17 5 | 0 56 | 18 27 | 0 18 | 22 15 | 0 3 | 21 0 | 0 40 | 15 57 | 7 26 | 20 43 | 20 34 | 16 12 | 1 51 | 5 43 |
| T 10 | 22 56 | 10 57 | 5 3 | 18 22 | 3 31 | 24 0 | 0 36 | 15 10 | 1 24 | 17 9 | 0 56 | 18 28 | 0 18 | 22 15 | 0 3 | 20 59 | 0 40 | 15 57 | 7 26 | 20 42 | 20 33 | 16 11 | 1 51 | 5 43 |
| W11 | 23 1 | 6 6 | 5 16 | 18 9 | 3 41 | 24 2 | 0 39 | 14 58 | 1 23 | 17 12 | 0 56 | 18 29 | 0 19 | 22 15 | 0 3 | 20 59 | 0 40 | 15 57 | 7 26 | 20 42 | 20 33 | 16 9 | 1 51 | 5 44 |
| T 12 | 23 5 | 1 2 | 5 9 | 17 58 | 3 49 | 24 3 | 0 41 | 14 47 | 1 22 | 17 15 | 0 56 | 18 29 | 0 19 | 22 14 | 0 2 | 20 59 | 0 40 | 15 57 | 7 26 | 20 42 | 20 32 | 16 7 | 1 50 | 5 44 |
| F 13 | 23 8 | 3n59 | 4 44 | 17 49 | 3 57 | 24 3 | 0 43 | 14 35 | 1 21 | 17 19 | 0 56 | 18 30 | 0 19 | 22 14 | 0 2 | 20 58 | 0 40 | 15 57 | 7 26 | 20 42 | 20 32 | 16 5 | 1 50 | 5 44 |
| S 14 | 23 12 | 8 41 | 4 4 | 17 41 | 4 3 | 24 3 | 0 45 | 14 23 | 1 20 | 17 22 | 0 56 | 18 31 | 0 19 | 22 14 | 0 2 | 20 58 | 0 40 | 15 57 | 7 26 | 20 42 | 20 31 | 16 3 | 1 50 | 5 45 |
| S 15 | 23 15 | 12 52 | 3 12 | 17 35 | 4 7 | 24 3 | 0 47 | 14 11 | 1 20 | 17 26 | 0 56 | 18 31 | 0 19 | 22 13 | 0 2 | 20 58 | 0 40 | 15 57 | 7 26 | 20 42 | 20 30 | 16 1 | 1 49 | 5 45 |
| M16 | 23 17 | 16 22 | 2 11 | 17 32 | 4 11 | 24 1 | 0 50 | 13 58 | 1 19 | 17 29 | 0 56 | 18 32 | 0 19 | 22 13 | 0 2 | 20 58 | 0 40 | 15 57 | 7 26 | 20 43 | 20 30 | 16 0 | 1 49 | 5 45 |
| T 17 | 23 19 | 19 2 | 1 5 | 17 30 | 4 13 | 23 59 | 0 52 | 13 46 | 1 18 | 17 32 | 0 56 | 18 33 | 0 19 | 22 13 | 0 2 | 20 57 | 0 40 | 15 58 | 7 26 | 20 43 | 20 29 | 15 58 | 1 49 | 5 45 |
| W18 | 23 21 | 20 46 | 0s 2 | 17 30 | 4 14 | 23 56 | 0 54 | 13 34 | 1 17 | 17 36 | 0 56 | 18 34 | 0 19 | 22 12 | 0 2 | 20 57 | 0 40 | 15 58 | 7 26 | 20 43 | 20 28 | 15 56 | 1 49 | 5 46 |
| T 19 | 23 22 | 21 28 | 1 9 | 17 32 | 4 14 | 23 52 | 0 56 | 13 21 | 1 17 | 17 39 | 0 56 | 18 35 | 0 19 | 22 12 | 0 2 | 20 57 | 0 40 | 15 58 | 7 25 | 20 43 | 20 28 | 15 54 | 1 48 | 5 46 |
| F 20 | 23 23 | 21 10 | 2 12 | 17 35 | 4 13 | 23 48 | 0 58 | 13 9 | 1 16 | 17 42 | 0 56 | 18 35 | 0 20 | 22 12 | 0 2 | 20 56 | 0 40 | 15 58 | 7 25 | 20 42 | 20 27 | 15 52 | 1 48 | 5 46 |
| S 21 | 23 23 | 19 54 | 3 8 | 17 40 | 4 11 | 23 43 | 1 0 | 12 56 | 1 15 | 17 45 | 0 56 | 18 36 | 0 20 | 22 12 | 0 2 | 20 56 | 0 40 | 15 58 | 7 25 | 20 42 | 20 26 | 15 51 | 1 48 | 5 47 |
| S 22 | 23 23 | 17 46 | 3 56 | 17 47 | 4 8 | 23 37 | 1 2 | 12 43 | 1 14 | 17 48 | 0 56 | 18 37 | 0 20 | 22 11 | 0 2 | 20 56 | 0 40 | 15 58 | 7 25 | 20 41 | 20 26 | 15 49 | 1 48 | 5 47 |
| M23 | 23 23 | 14 54 | 4 33 | 17 55 | 4 4 | 23 30 | 1 3 | 12 31 | 1 13 | 17 51 | 0 56 | 18 38 | 0 20 | 22 11 | 0 2 | 20 55 | 0 40 | 15 58 | 7 25 | 20 40 | 20 25 | 15 47 | 1 48 | 5 47 |
| T 24 | 23 22 | 11 26 | 4 58 | 18 5 | 3 59 | 23 23 | 1 5 | 12 18 | 1 13 | 17 54 | 0 56 | 18 39 | 0 20 | 22 11 | 0 2 | 20 55 | 0 40 | 15 58 | 7 25 | 20 39 | 20 25 | 15 45 | 1 48 | 5 47 |
| W25 | 23 20 | 7 32 | 5 11 | 18 16 | 3 53 | 23 15 | 1 7 | 12 5 | 1 12 | 17 57 | 0 56 | 18 40 | 0 20 | 22 10 | 0 2 | 20 55 | 0 40 | 15 58 | 7 25 | 20 38 | 20 24 | 15 43 | 1 48 | 5 48 |
| T 26 | 23 19 | 3 18 | 5 10 | 18 28 | 3 47 | 23 7 | 1 9 | 11 52 | 1 11 | 18 0 | 0 56 | 18 41 | 0 20 | 22 10 | 0 2 | 20 54 | 0 40 | 15 58 | 7 25 | 20 38 | 20 23 | 15 41 | 1 48 | 5 48 |
| F 27 | 23 17 | 1s 7 | 4 56 | 18 41 | 3 40 | 22 58 | 1 11 | 11 39 | 1 10 | 18 3 | 0 56 | 18 42 | 0 20 | 22 10 | 0 2 | 20 54 | 0 40 | 15 58 | 7 25 | 20 37 | 20 23 | 15 40 | 1 48 | 5 48 |
| S 28 | 23 14 | 5 34 | 4 27 | 18 55 | 3 32 | 22 48 | 1 12 | 11 25 | 1 10 | 18 6 | 0 56 | 18 43 | 0 20 | 22 10 | 0 2 | 20 54 | 0 40 | 15 58 | 7 25 | 20 37 | 20 22 | 15 38 | 1 48 | 5 49 |
| S 29 | 23 11 | 9 53 | 3 46 | 19 9 | 3 23 | 22 37 | 1 14 | 11 12 | 1 9 | 18 9 | 0 56 | 18 44 | 0 20 | 22 9 | 0 2 | 20 53 | 0 40 | 15 58 | 7 25 | 20 37 | 20 21 | 15 36 | 1 48 | 5 49 |
| M30 | 23n 8 | 13s53 | 2s51 | 19n25 | 3s14 | 22n26 | 1n15 | 10n59 | 1n 8 | 18n12 | 0s56 | 18s45 | 0s21 | 22s 9 | 0n 2 | 20n53 | 0s40 | 15n58 | 7s25 | 20s37 | 20s21 | 15n34 | 1s48 | 5n49 |

Julian Day Number = 2598888.5, Delta T = 08m49s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'48, Lahiri = 29°29'50


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## JULY 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 35 6 | 9♋ 8'05 | 12♏47 | 16♊50 | 25♋34 | 4♍51 | 25♉48 | 7°R13 | 12°R 3 | 22♋20 | 0♋21 | 2♐33 | 1♐ 6 | 1♌ 1 | 11°R37 | T 1 |
| W 2 | 18 39 3 | 10° 5'19 | 26°41 | 17°56 | 26°47 | 5°26 | 26° 0 | 7♒ 9 | 12♐ 0 | 22°22 | 0°22 | 2°R34 | 1° 3 | 1° 8 | 11♓36 | W 2 |
| T 3 | 18 42 59 | 11° 2'33 | 11♐ 1 | 19° 7 | 28° 1 | 6° 1 | 26°12 | 7° 5 | 11°58 | 22°25 | 0°24 | 2°34 | 1° 0 | 1°14 | 11°35 | T 3 |
| F 4 | 18 46 56 | 11°59'46 | 25°45 | 20°21 | 29°14 | 6°36 | 26°24 | 7° 2 | 11°56 | 22°27 | 0°25 | 2°32 | 0°57 | 1°21 | 11°34 | F 4 |
| S 5 | 18 50 52 | 12°56'59 | 10♑48 | 21°39 | 0♌27 | 7°11 | 26°36 | 6°58 | 11°54 | 22°29 | 0°27 | 2°29 | 0°53 | 1°28 | 11°33 | S 5 |
| S 6 | 18 54 49 | 13°54'12 | 26° 1 | 23° 0 | 1°41 | 7°46 | 26°48 | 6°54 | 11°52 | 22°31 | 0°28 | 2°24 | 0°50 | 1°34 | 11°32 | S 6 |
| M 7 | 18 58 45 | 14°51'25 | 11♒13 | 24°25 | 2°54 | 8°21 | 27° 0 | 6°50 | 11°50 | 22°33 | 0°29 | 2°18 | 0°47 | 1°41 | 11°31 | M 7 |
| T 8 | 19 2 42 | 15°48'37 | 26°14 | 25°54 | 4° 7 | 8°57 | 27°12 | 6°46 | 11°48 | 22°36 | 0°31 | 2°11 | 0°44 | 1°48 | 11°29 | T 8 |
| W 9 | 19 6 39 | 16°45'50 | 10♓57 | 27°26 | 5°21 | 9°32 | 27°23 | 6°42 | 11°47 | 22°38 | 0°32 | 2° 6 | 0°41 | 1°55 | 11°28 | W 9 |
| T 10 | 19 10 35 | 17°43'02 | 25°15 | 29° 1 | 6°34 | 10° 7 | 27°35 | 6°38 | 11°45 | 22°40 | 0°33 | 2° 2 | 0°37 | 2° 1 | 11°27 | T 10 |
| F 11 | 19 14 32 | 18°40'15 | 9♈ 6 | 0♋40 | 7°47 | 10°43 | 27°46 | 6°34 | 11°43 | 22°42 | 0°35 | 2° 0 | 0°34 | 2° 8 | 11°25 | F 11 |
| S 12 | 19 18 28 | 19°37'28 | 22°30 | 2°22 | 9° 0 | 11°18 | 27°58 | 6°30 | 11°41 | 22°44 | 0°36 | 2°D 0 | 0°31 | 2°15 | 11°24 | S 12 |
| S 13 | 19 22 25 | 20°34'42 | 5♉31 | 4° 8 | 10°14 | 11°54 | 28° 9 | 6°26 | 11°39 | 22°47 | 0°37 | 2° 1 | 0°28 | 2°21 | 11°22 | S 13 |
| M14 | 19 26 21 | 21°31'55 | 18°11 | 5°57 | 11°27 | 12°30 | 28°20 | 6°22 | 11°38 | 22°49 | 0°39 | 2° 2 | 0°25 | 2°28 | 11°21 | M14 |
| T 15 | 19 30 18 | 22°29'10 | 0♊35 | 7°48 | 12°40 | 13° 5 | 28°31 | 6°17 | 11°36 | 22°51 | 0°40 | 2°R 2 | 0°22 | 2°35 | 11°19 | T 15 |
| W16 | 19 34 14 | 23°26'24 | 12°47 | 9°42 | 13°53 | 13°41 | 28°42 | 6°13 | 11°34 | 22°53 | 0°41 | 2° 2 | 0°18 | 2°42 | 11°17 | W16 |
| T 17 | 19 38 11 | 24°23'39 | 24°49 | 11°39 | 15° 7 | 14°17 | 28°53 | 6° 9 | 11°33 | 22°56 | 0°43 | 1°59 | 0°15 | 2°48 | 11°15 | T 17 |
| F 18 | 19 42 8 | 25°20'54 | 6♋45 | 13°39 | 16°20 | 14°53 | 29° 4 | 6° 4 | 11°31 | 22°58 | 0°44 | 1°54 | 0°12 | 2°55 | 11°14 | F 18 |
| S 19 | 19 46 4 | 26°18'09 | 18°38 | 15°40 | 17°33 | 15°29 | 29°14 | 6° 0 | 11°30 | 23° 0 | 0°45 | 1°47 | 0° 9 | 3° 2 | 11°12 | S 19 |
| S 20 | 19 50 1 | 27°15'24 | 0♌29 | 17°44 | 18°46 | 16° 5 | 29°25 | 5°56 | 11°28 | 23° 2 | 0°47 | 1°38 | 0° 6 | 3° 8 | 11°10 | S 20 |
| M21 | 19 53 57 | 28°12'40 | 12°20 | 19°49 | 19°59 | 16°41 | 29°36 | 5°51 | 11°27 | 23° 5 | 0°48 | 1°27 | 0° 3 | 3°15 | 11° 8 | M21 |
| T 22 | 19 57 54 | 29° 9'56 | 24°13 | 21°55 | 21°12 | 17°17 | 29°46 | 5°47 | 11°25 | 23° 7 | 0°49 | 1°17 | 29♏59 | 3°22 | 11° 6 | T 22 |
| W23 | 20 1 50 | 0♌ 7'12 | 6♍ 9 | 24° 3 | 22°26 | 17°53 | 29°56 | 5°43 | 11°24 | 23° 9 | 0°51 | 1° 6 | 29°56 | 3°29 | 11° 4 | W23 |
| T 24 | 20 5 47 | 1° 4'28 | 18°11 | 26°11 | 23°39 | 18°29 | 0♊ 6 | 5°38 | 11°22 | 23°11 | 0°52 | 0°58 | 29°53 | 3°35 | 11° 2 | T 24 |
| F 25 | 20 9 43 | 2° 1'45 | 0♎21 | 28°19 | 24°52 | 19° 6 | 0°17 | 5°34 | 11°21 | 23°13 | 0°53 | 0°51 | 29°50 | 3°42 | 10°59 | F 25 |
| S 26 | 20 13 40 | 2°59'01 | 12°42 | 0♌28 | 26° 5 | 19°42 | 0°26 | 5°29 | 11°20 | 23°16 | 0°54 | 0°47 | 29°47 | 3°49 | 10°57 | S 26 |
| S 27 | 20 17 37 | 3°56'18 | 25°19 | 2°36 | 27°18 | 20°18 | 0°36 | 5°25 | 11°19 | 23°18 | 0°55 | 0°45 | 29°43 | 3°55 | 10°55 | S 27 |
| M28 | 20 21 33 | 4°53'35 | 8♏14 | 4°44 | 28°31 | 20°55 | 0°46 | 5°20 | 11°18 | 23°20 | 0°57 | 0°D44 | 29°40 | 4° 2 | 10°53 | M28 |
| T 29 | 20 25 30 | 5°50'52 | 21°33 | 6°51 | 29°44 | 21°31 | 0°56 | 5°16 | 11°16 | 23°22 | 0°58 | 0°45 | 29°37 | 4° 9 | 10°50 | T 29 |
| W30 | 20 29 26 | 6°48'10 | 5♐18 | 8°57 | 0♍57 | 22° 8 | 1° 5 | 5°12 | 11°15 | 23°24 | 0°59 | 0°R45 | 29°34 | 4°15 | 10°48 | W30 |
| T 31 | 20 33 23 | 7♌45'27 | 19♐31 | 11♌ 3 | 2♍10 | 22♍44 | 1♊15 | 5♒ 7 | 11♐14 | 23♋27 | 1♋ 0 | 0♐44 | 29♏31 | 4♌22 | 10♓46 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 4 | 17s19 | 1s46 | 19n41 | 3s 4 | 22n14 | 1n17 | 10n45 | 1n 7 | 18n15 | 0s56 | 18s46 | 0s21 | 22s 9 | 0n 2 | 20n53 | 0s40 | 15n58 | 7s25 | 20s37 | 20s20 | 15n32 | 1s48 | 5n49 |
| W 2 | 23 0 | 19 53 | 0 32 | 19 57 | 2 54 | 22 2 | 1 18 | 10 32 | 1 7 | 18 18 | 0 57 | 18 47 | 0 21 | 22 9 | 0 2 | 20 52 | 0 40 | 15 58 | 7 25 | 20 38 | 20 19 | 15 30 | 1 48 | 5 50 |
| T 3 | 22 56 | 21 17 | 0n46 | 20 14 | 2 43 | 21 49 | 1 20 | 10 18 | 1 6 | 18 21 | 0 57 | 18 48 | 0 21 | 22 8 | 0 2 | 20 52 | 0 40 | 15 58 | 7 25 | 20 38 | 20 19 | 15 28 | 1 48 | 5 50 |
| F 4 | 22 51 | 21 16 | 2 3 | 20 30 | 2 32 | 21 35 | 1 21 | 10 5 | 1 5 | 18 23 | 0 57 | 18 49 | 0 21 | 22 8 | 0 2 | 20 52 | 0 40 | 15 58 | 7 25 | 20 37 | 20 18 | 15 27 | 1 48 | 5 50 |
| S 5 | 22 45 | 19 45 | 3 12 | 20 47 | 2 21 | 21 21 | 1 22 | 9 51 | 1 5 | 18 26 | 0 57 | 18 50 | 0 21 | 22 8 | 0 2 | 20 51 | 0 40 | 15 58 | 7 25 | 20 37 | 20 17 | 15 25 | 1 48 | 5 50 |
| S 6 | 22 40 | 16 49 | 4 9 | 21 3 | 2 9 | 21 6 | 1 23 | 9 37 | 1 4 | 18 29 | 0 57 | 18 51 | 0 21 | 22 7 | 0 2 | 20 51 | 0 40 | 15 58 | 7 25 | 20 36 | 20 17 | 15 23 | 1 49 | 5 51 |
| M 7 | 22 34 | 12 45 | 4 49 | 21 19 | 1 57 | 20 50 | 1 25 | 9 24 | 1 3 | 18 31 | 0 57 | 18 52 | 0 21 | 22 7 | 0 2 | 20 51 | 0 40 | 15 58 | 7 25 | 20 34 | 20 16 | 15 21 | 1 49 | 5 51 |
| T 8 | 22 27 | 7 55 | 5 7 | 21 34 | 1 45 | 20 34 | 1 26 | 9 10 | 1 2 | 18 34 | 0 57 | 18 53 | 0 21 | 22 7 | 0 2 | 20 50 | 0 40 | 15 58 | 7 25 | 20 33 | 20 15 | 15 19 | 1 49 | 5 51 |
| W 9 | 22 20 | 2 44 | 5 5 | 21 49 | 1 33 | 20 18 | 1 27 | 8 56 | 1 2 | 18 36 | 0 57 | 18 54 | 0 22 | 22 7 | 0 2 | 20 50 | 0 40 | 15 58 | 7 25 | 20 32 | 20 15 | 15 17 | 1 49 | 5 52 |
| T 10 | 22 13 | 2n28 | 4 44 | 22 3 | 1 20 | 20 0 | 1 28 | 8 42 | 1 1 | 18 39 | 0 57 | 18 55 | 0 22 | 22 6 | 0 2 | 20 50 | 0 40 | 15 58 | 7 25 | 20 31 | 20 14 | 15 15 | 1 50 | 5 52 |
| F 11 | 22 5 | 7 23 | 4 7 | 22 15 | 1 8 | 19 43 | 1 29 | 8 28 | 1 0 | 18 42 | 0 57 | 18 56 | 0 22 | 22 6 | 0 2 | 20 49 | 0 40 | 15 58 | 7 25 | 20 31 | 20 13 | 15 14 | 1 50 | 5 52 |
| S 12 | 21 57 | 11 47 | 3 17 | 22 27 | 0 55 | 19 24 | 1 30 | 8 14 | 0 59 | 18 44 | 0 57 | 18 58 | 0 22 | 22 6 | 0 2 | 20 49 | 0 40 | 15 58 | 7 25 | 20 31 | 20 13 | 15 12 | 1 50 | 5 52 |
| S 13 | 21 49 | 15 30 | 2 18 | 22 37 | 0 43 | 19 5 | 1 30 | 7 59 | 0 59 | 18 46 | 0 57 | 18 59 | 0 22 | 22 6 | 0 2 | 20 49 | 0 40 | 15 58 | 7 25 | 20 31 | 20 12 | 15 10 | 1 51 | 5 52 |
| M14 | 21 40 | 18 24 | 1 14 | 22 45 | 0 30 | 18 46 | 1 31 | 7 45 | 0 58 | 18 49 | 0 57 | 19 0 | 0 22 | 22 6 | 0 2 | 20 48 | 0 40 | 15 58 | 7 25 | 20 31 | 20 11 | 15 8 | 1 51 | 5 53 |
| T 15 | 21 31 | 20 21 | 0 8 | 22 51 | 0 18 | 18 26 | 1 32 | 7 31 | 0 57 | 18 51 | 0 57 | 19 1 | 0 22 | 22 5 | 0 2 | 20 48 | 0 40 | 15 58 | 7 25 | 20 31 | 20 11 | 15 6 | 1 52 | 5 53 |
| W16 | 21 21 | 21 20 | 0s58 | 22 56 | 0 6 | 18 6 | 1 32 | 7 16 | 0 57 | 18 54 | 0 57 | 19 2 | 0 22 | 22 5 | 0 2 | 20 48 | 0 40 | 15 58 | 7 25 | 20 31 | 20 10 | 15 4 | 1 52 | 5 53 |
| T 17 | 21 11 | 21 18 | 1 59 | 22 58 | 0n 6 | 17 45 | 1 33 | 7 2 | 0 56 | 18 56 | 0 57 | 19 3 | 0 22 | 22 5 | 0 2 | 20 47 | 0 40 | 15 58 | 7 25 | 20 31 | 20 9 | 15 2 | 1 52 | 5 53 |
| F 18 | 21 1 | 20 18 | 2 55 | 22 58 | 0 17 | 17 23 | 1 33 | 6 48 | 0 55 | 18 58 | 0 57 | 19 4 | 0 22 | 22 5 | 0 2 | 20 47 | 0 40 | 15 58 | 7 25 | 20 30 | 20 9 | 15 0 | 1 53 | 5 54 |
| S 19 | 20 51 | 18 25 | 3 43 | 22 55 | 0 28 | 17 2 | 1 34 | 6 33 | 0 55 | 19 0 | 0 58 | 19 6 | 0 22 | 22 5 | 0 2 | 20 46 | 0 40 | 15 58 | 7 25 | 20 28 | 20 8 | 14 58 | 1 53 | 5 54 |
| S 20 | 20 40 | 15 45 | 4 21 | 22 50 | 0 38 | 16 39 | 1 34 | 6 18 | 0 54 | 19 3 | 0 58 | 19 7 | 0 23 | 22 4 | 0 2 | 20 46 | 0 40 | 15 58 | 7 25 | 20 26 | 20 7 | 14 57 | 1 54 | 5 54 |
| M21 | 20 28 | 12 27 | 4 48 | 22 43 | 0 47 | 16 17 | 1 34 | 6 4 | 0 53 | 19 5 | 0 58 | 19 8 | 0 23 | 22 4 | 0 2 | 20 46 | 0 40 | 15 58 | 7 25 | 20 24 | 20 7 | 14 55 | 1 54 | 5 54 |
| T 22 | 20 17 | 8 40 | 5 2 | 22 32 | 0 57 | 15 53 | 1 34 | 5 49 | 0 52 | 19 7 | 0 58 | 19 9 | 0 23 | 22 4 | 0 2 | 20 45 | 0 40 | 15 58 | 7 25 | 20 22 | 20 6 | 14 53 | 1 55 | 5 54 |
| W23 | 20 5 | 4 32 | 5 3 | 22 19 | 1 5 | 15 30 | 1 35 | 5 34 | 0 52 | 19 9 | 0 58 | 19 10 | 0 23 | 22 4 | 0 2 | 20 45 | 0 40 | 15 58 | 7 25 | 20 20 | 20 5 | 14 51 | 1 56 | 5 55 |
| T 24 | 19 52 | 0 12 | 4 51 | 22 3 | 1 13 | 15 6 | 1 35 | 5 20 | 0 51 | 19 11 | 0 58 | 19 11 | 0 23 | 22 4 | 0 2 | 20 45 | 0 40 | 15 58 | 7 25 | 20 18 | 20 5 | 14 49 | 1 56 | 5 55 |
| F 25 | 19 40 | 4s12 | 4 25 | 21 45 | 1 19 | 14 41 | 1 35 | 5 5 | 0 50 | 19 13 | 0 58 | 19 13 | 0 23 | 22 3 | 0 2 | 20 44 | 0 40 | 15 58 | 7 25 | 20 17 | 20 4 | 14 47 | 1 57 | 5 55 |
| S 26 | 19 27 | 8 29 | 3 47 | 21 24 | 1 26 | 14 17 | 1 34 | 4 50 | 0 50 | 19 15 | 0 58 | 19 14 | 0 23 | 22 3 | 0 2 | 20 44 | 0 40 | 15 58 | 7 25 | 20 16 | 20 3 | 14 45 | 1 58 | 5 55 |
| S 27 | 19 14 | 12 31 | 2 57 | 21 1 | 1 31 | 13 51 | 1 34 | 4 35 | 0 49 | 19 17 | 0 58 | 19 15 | 0 23 | 22 3 | 0 2 | 20 44 | 0 40 | 15 58 | 7 25 | 20 16 | 20 3 | 14 43 | 1 58 | 5 55 |
| M28 | 19 0 | 16 4 | 1 57 | 20 35 | 1 35 | 13 26 | 1 34 | 4 20 | 0 48 | 19 19 | 0 58 | 19 16 | 0 23 | 22 3 | 0 2 | 20 43 | 0 40 | 15 58 | 7 25 | 20 16 | 20 2 | 14 41 | 1 59 | 5 55 |
| T 29 | 18 46 | 18 54 | 0 49 | 20 7 | 1 39 | 13 0 | 1 34 | 4 5 | 0 48 | 19 21 | 0 58 | 19 17 | 0 23 | 22 3 | 0 2 | 20 43 | 0 40 | 15 58 | 7 25 | 20 16 | 20 1 | 14 39 | 2 0 | 5 56 |
| W30 | 18 32 | 20 44 | 0n24 | 19 37 | 1 42 | 12 34 | 1 33 | 3 50 | 0 47 | 19 23 | 0 58 | 19 18 | 0 23 | 22 3 | 0 2 | 20 42 | 0 40 | 15 57 | 7 25 | 20 16 | 20 1 | 14 38 | 2 0 | 5 56 |
| T 31 | 18n17 | 21s21 | 1n38 | 19n 6 | 1n44 | 12n 7 | 1n33 | 3n35 | 0n46 | 19n24 | 0s59 | 19s20 | 0s24 | 22s 3 | 0n 2 | 20n42 | 0s40 | 15n57 | 7s25 | 20s15 | 20s 0 | 14n36 | 2s 1 | 5n56 |

Julian Day Number = 2598918.5, Delta T = 08m49s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'53, Lahiri = 29°29'54


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## AUGUST 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 37 19 | 8♌42'46 | 4♉10 | 13♌ 7 | 3♍23 | 23♍21 | 1♊24 | 5°R 3 | 11°R13 | 23♋29 | 1♋ 1 | 0°R40 | 29♏28 | 4♌29 | 10°R43 | F 1 |
| S 2 | 20 41 16 | 9°40'04 | 19°10 | 15°10 | 4°36 | 23°58 | 1°33 | 4♒58 | 11♐13 | 23°31 | 1° 3 | 0♐34 | 29°24 | 4°36 | 10♓41 | S 2 |
| S 3 | 20 45 12 | 10°37'23 | 4♒26 | 17°11 | 5°49 | 24°35 | 1°42 | 4°54 | 11°12 | 23°33 | 1° 4 | 0°26 | 29°21 | 4°42 | 10°38 | S 3 |
| M 4 | 20 49 9 | 11°34'43 | 19°45 | 19°11 | 7° 1 | 25°11 | 1°51 | 4°49 | 11°11 | 23°35 | 1° 5 | 0°16 | 29°18 | 4°49 | 10°36 | M 4 |
| T 5 | 20 53 6 | 12°32'03 | 4♓56 | 21°10 | 8°14 | 25°48 | 2° 0 | 4°45 | 11°10 | 23°37 | 1° 6 | 0° 6 | 29°15 | 4°56 | 10°33 | T 5 |
| W 6 | 20 57 2 | 13°29'25 | 19°50 | 23° 7 | 9°27 | 26°25 | 2° 8 | 4°41 | 11° 9 | 23°39 | 1° 7 | 29♏57 | 29°12 | 5° 2 | 10°31 | W 6 |
| T 7 | 21 0 59 | 14°26'47 | 4♈18 | 25° 2 | 10°40 | 27° 2 | 2°17 | 4°36 | 11° 9 | 23°42 | 1° 8 | 29°50 | 29° 8 | 5° 9 | 10°28 | T 7 |
| F 8 | 21 4 55 | 15°24'10 | 18°17 | 26°56 | 11°53 | 27°39 | 2°25 | 4°32 | 11° 8 | 23°44 | 1° 9 | 29°45 | 29° 5 | 5°16 | 10°25 | F 8 |
| S 9 | 21 8 52 | 16°21'34 | 1♉47 | 28°48 | 13° 5 | 28°16 | 2°33 | 4°28 | 11° 7 | 23°46 | 1°10 | 29°43 | 29° 2 | 5°23 | 10°23 | S 9 |
| S 10 | 21 12 48 | 17°19'00 | 14°49 | 0♍39 | 14°18 | 28°54 | 2°42 | 4°23 | 11° 7 | 23°48 | 1°11 | 29°D42 | 28°59 | 5°29 | 10°20 | S 10 |
| M11 | 21 16 45 | 18°16'27 | 27°28 | 2°28 | 15°31 | 29°31 | 2°50 | 4°19 | 11° 6 | 23°50 | 1°12 | 29°R42 | 28°56 | 5°36 | 10°17 | M11 |
| T 12 | 21 20 41 | 19°13'55 | 9♊47 | 4°15 | 16°44 | 0♎ 8 | 2°57 | 4°15 | 11° 6 | 23°52 | 1°13 | 29°42 | 28°53 | 5°43 | 10°14 | T 12 |
| W13 | 21 24 38 | 20°11'24 | 21°54 | 6° 1 | 17°56 | 0°45 | 3° 5 | 4°11 | 11° 6 | 23°54 | 1°14 | 29°40 | 28°49 | 5°49 | 10°12 | W13 |
| T 14 | 21 28 35 | 21° 8'54 | 3♋51 | 7°45 | 19° 9 | 1°23 | 3°13 | 4° 7 | 11° 5 | 23°56 | 1°15 | 29°36 | 28°46 | 5°56 | 10° 9 | T 14 |
| F 15 | 21 32 31 | 22° 6'26 | 15°42 | 9°27 | 20°22 | 2° 0 | 3°20 | 4° 3 | 11° 5 | 23°58 | 1°16 | 29°30 | 28°43 | 6° 3 | 10° 6 | F 15 |
| S 16 | 21 36 28 | 23° 3'58 | 27°33 | 11° 8 | 21°34 | 2°38 | 3°27 | 3°58 | 11° 5 | 24° 0 | 1°17 | 29°20 | 28°40 | 6°10 | 10° 3 | S 16 |
| S 17 | 21 40 24 | 24° 1'32 | 9♌23 | 12°48 | 22°47 | 3°15 | 3°34 | 3°54 | 11° 4 | 24° 2 | 1°18 | 29° 8 | 28°37 | 6°16 | 10° 0 | S 17 |
| M18 | 21 44 21 | 24°59'07 | 21°17 | 14°26 | 23°59 | 3°53 | 3°41 | 3°50 | 11° 4 | 24° 4 | 1°19 | 28°55 | 28°34 | 6°23 | 9°57 | M18 |
| T 19 | 21 48 17 | 25°56'43 | 3♍15 | 16° 2 | 25°12 | 4°31 | 3°48 | 3°46 | 11° 4 | 24° 6 | 1°20 | 28°41 | 28°30 | 6°30 | 9°54 | T 19 |
| W20 | 21 52 14 | 26°54'21 | 15°18 | 17°37 | 26°24 | 5° 8 | 3°55 | 3°43 | 11°D 4 | 24° 8 | 1°21 | 28°27 | 28°27 | 6°36 | 9°51 | W20 |
| T 21 | 21 56 10 | 27°51'59 | 27°28 | 19°10 | 27°37 | 5°46 | 4° 1 | 3°39 | 11° 4 | 24°10 | 1°22 | 28°16 | 28°24 | 6°43 | 9°48 | T 21 |
| F 22 | 22 0 7 | 28°49'38 | 9♎46 | 20°41 | 28°49 | 6°24 | 4° 8 | 3°35 | 11° 4 | 24°12 | 1°23 | 28° 6 | 28°21 | 6°50 | 9°45 | F 22 |
| S 23 | 22 4 3 | 29°47'18 | 22°14 | 22°12 | 0♎ 2 | 7° 2 | 4°14 | 3°31 | 11° 4 | 24°14 | 1°24 | 28° 0 | 28°18 | 6°57 | 9°42 | S 23 |
| S 24 | 22 8 0 | 0♍45'00 | 4♏55 | 23°40 | 1°14 | 7°40 | 4°20 | 3°27 | 11° 5 | 24°16 | 1°24 | 27°57 | 28°14 | 7° 3 | 9°39 | S 24 |
| M25 | 22 11 57 | 1°42'42 | 17°52 | 25° 7 | 2°26 | 8°18 | 4°26 | 3°24 | 11° 5 | 24°18 | 1°25 | 27°55 | 28°11 | 7°10 | 9°36 | M25 |
| T 26 | 22 15 53 | 2°40'26 | 1♐ 7 | 26°32 | 3°39 | 8°56 | 4°31 | 3°20 | 11° 5 | 24°19 | 1°26 | 27°55 | 28° 8 | 7°17 | 9°33 | T 26 |
| W27 | 22 19 50 | 3°38'11 | 14°45 | 27°56 | 4°51 | 9°34 | 4°37 | 3°17 | 11° 5 | 24°21 | 1°27 | 27°55 | 28° 5 | 7°23 | 9°30 | W27 |
| T 28 | 22 23 46 | 4°35'56 | 28°46 | 29°18 | 6° 3 | 10°12 | 4°42 | 3°13 | 11° 6 | 24°23 | 1°27 | 27°54 | 28° 2 | 7°30 | 9°27 | T 28 |
| F 29 | 22 27 43 | 5°33'43 | 13♉12 | 0♎39 | 7°16 | 10°51 | 4°47 | 3°10 | 11° 6 | 24°25 | 1°28 | 27°50 | 27°59 | 7°37 | 9°24 | F 29 |
| S 30 | 22 31 39 | 6°31'31 | 27°59 | 1°58 | 8°28 | 11°29 | 4°52 | 3° 6 | 11° 7 | 24°27 | 1°29 | 27°44 | 27°55 | 7°44 | 9°21 | S 30 |
| S 31 | 22 35 36 | 7♍29'20 | 13♒ 1 | 3♎14 | 9♎40 | 12♎ 7 | 4♊57 | 3♒ 3 | 11♐ 7 | 24♋28 | 1♋30 | 27♏35 | 27♏52 | 7♌50 | 9♓18 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 18n 3 | 20s32 | 2n48 | 18n32 | 1n46 | 11n41 | 1n32 | 3n20 | 0n46 | 19n26 | 0s59 | 19s21 | 0s24 | 22s 2 | 0n 2 | 20n42 | 0s40 | 15n57 | 7s26 | 20s15 | 19s59 | 14n34 | 2s 2 | 5n56 |
| S 2 | 17 47 | 18 16 | 3 47 | 17 57 | 1 47 | 11 14 | 1 32 | 3 5 | 0 45 | 19 28 | 0 59 | 19 22 | 0 24 | 22 2 | 0 2 | 20 41 | 0 40 | 15 57 | 7 26 | 20 13 | 19 59 | 14 32 | 2 3 | 5 56 |
| S 3 | 17 32 | 14 42 | 4 32 | 17 21 | 1 47 | 10 46 | 1 31 | 2 50 | 0 44 | 19 30 | 0 59 | 19 23 | 0 24 | 22 2 | 0 2 | 20 41 | 0 40 | 15 57 | 7 26 | 20 12 | 19 58 | 14 30 | 2 3 | 5 56 |
| M 4 | 17 16 | 10 9 | 4 57 | 16 43 | 1 46 | 10 18 | 1 30 | 2 34 | 0 44 | 19 31 | 0 59 | 19 24 | 0 24 | 22 2 | 0 2 | 20 41 | 0 40 | 15 57 | 7 26 | 20 10 | 19 57 | 14 28 | 2 4 | 5 56 |
| T 5 | 17 0 | 5 0 | 5 1 | 16 4 | 1 45 | 9 51 | 1 29 | 2 19 | 0 43 | 19 33 | 0 59 | 19 25 | 0 24 | 22 2 | 0 2 | 20 40 | 0 40 | 15 57 | 7 26 | 20 8 | 19 57 | 14 26 | 2 5 | 5 57 |
| W 6 | 16 44 | 0n20 | 4 44 | 15 24 | 1 43 | 9 22 | 1 28 | 2 4 | 0 42 | 19 35 | 0 59 | 19 26 | 0 24 | 22 2 | 0 2 | 20 40 | 0 40 | 15 57 | 7 26 | 20 6 | 19 56 | 14 24 | 2 6 | 5 57 |
| T 7 | 16 28 | 5 31 | 4 10 | 14 44 | 1 41 | 8 54 | 1 27 | 1 49 | 0 41 | 19 36 | 0 59 | 19 28 | 0 24 | 22 2 | 0 2 | 20 40 | 0 40 | 15 57 | 7 26 | 20 4 | 19 55 | 14 22 | 2 7 | 5 57 |
| F 8 | 16 11 | 10 15 | 3 21 | 14 2 | 1 38 | 8 25 | 1 26 | 1 33 | 0 41 | 19 38 | 0 59 | 19 29 | 0 24 | 22 2 | 0 2 | 20 39 | 0 40 | 15 57 | 7 26 | 20 3 | 19 55 | 14 20 | 2 8 | 5 57 |
| S 9 | 15 54 | 14 17 | 2 22 | 13 20 | 1 34 | 7 56 | 1 25 | 1 18 | 0 40 | 19 39 | 0 59 | 19 30 | 0 24 | 22 2 | 0 2 | 20 39 | 0 40 | 15 57 | 7 26 | 20 3 | 19 54 | 14 18 | 2 9 | 5 57 |
| S 10 | 15 37 | 17 29 | 1 18 | 12 38 | 1 30 | 7 27 | 1 24 | 1 3 | 0 39 | 19 41 | 0 59 | 19 31 | 0 24 | 22 2 | 0 2 | 20 39 | 0 40 | 15 57 | 7 26 | 20 3 | 19 53 | 14 16 | 2 10 | 5 57 |
| M11 | 15 19 | 19 45 | 0 12 | 11 54 | 1 26 | 6 58 | 1 23 | 0 47 | 0 39 | 19 42 | 1 0 | 19 32 | 0 24 | 22 2 | 0 2 | 20 38 | 0 40 | 15 57 | 7 26 | 20 3 | 19 53 | 14 14 | 2 11 | 5 57 |
| T 12 | 15 1 | 21 0 | 0s53 | 11 11 | 1 21 | 6 29 | 1 21 | 0 32 | 0 38 | 19 44 | 1 0 | 19 33 | 0 25 | 22 2 | 0 2 | 20 38 | 0 40 | 15 57 | 7 26 | 20 2 | 19 52 | 14 13 | 2 12 | 5 57 |
| W13 | 14 43 | 21 14 | 1 55 | 10 27 | 1 15 | 5 59 | 1 20 | 0 16 | 0 37 | 19 45 | 1 0 | 19 34 | 0 25 | 22 2 | 0 2 | 20 37 | 0 40 | 15 56 | 7 26 | 20 2 | 19 51 | 14 11 | 2 13 | 5 57 |
| T 14 | 14 25 | 20 30 | 2 50 | 9 43 | 1 10 | 5 29 | 1 18 | 0 1 | 0 37 | 19 46 | 1 0 | 19 35 | 0 25 | 22 2 | 0 2 | 20 37 | 0 40 | 15 56 | 7 26 | 20 1 | 19 50 | 14 9 | 2 14 | 5 57 |
| F 15 | 14 7 | 18 52 | 3 38 | 8 59 | 1 4 | 4 59 | 1 17 | 0s15 | 0 36 | 19 48 | 1 0 | 19 36 | 0 25 | 22 1 | 0 2 | 20 37 | 0 40 | 15 56 | 7 27 | 20 0 | 19 50 | 14 7 | 2 15 | 5 57 |
| S 16 | 13 48 | 16 26 | 4 16 | 8 15 | 0 57 | 4 29 | 1 15 | 0 30 | 0 35 | 19 49 | 1 0 | 19 37 | 0 25 | 22 1 | 0 2 | 20 36 | 0 40 | 15 56 | 7 27 | 19 58 | 19 49 | 14 5 | 2 16 | 5 58 |
| S 17 | 13 29 | 13 19 | 4 42 | 7 31 | 0 51 | 3 59 | 1 13 | 0 46 | 0 35 | 19 50 | 1 0 | 19 38 | 0 25 | 22 1 | 0 2 | 20 36 | 0 40 | 15 56 | 7 27 | 19 55 | 19 48 | 14 3 | 2 17 | 5 58 |
| M18 | 13 10 | 9 41 | 4 57 | 6 47 | 0 44 | 3 29 | 1 12 | 1 1 | 0 34 | 19 51 | 1 0 | 19 39 | 0 25 | 22 1 | 0 2 | 20 36 | 0 40 | 15 56 | 7 27 | 19 52 | 19 48 | 14 1 | 2 18 | 5 58 |
| T 19 | 12 51 | 5 39 | 4 59 | 6 3 | 0 36 | 2 58 | 1 10 | 1 17 | 0 33 | 19 52 | 1 0 | 19 40 | 0 25 | 22 1 | 0 2 | 20 35 | 0 40 | 15 56 | 7 27 | 19 49 | 19 47 | 13 59 | 2 19 | 5 58 |
| W20 | 12 31 | 1 22 | 4 47 | 5 20 | 0 29 | 2 28 | 1 8 | 1 32 | 0 33 | 19 54 | 1 1 | 19 41 | 0 25 | 22 1 | 0 2 | 20 35 | 0 40 | 15 56 | 7 27 | 19 46 | 19 46 | 13 57 | 2 20 | 5 58 |
| T 21 | 12 11 | 3s 0 | 4 22 | 4 36 | 0 21 | 1 57 | 1 6 | 1 48 | 0 32 | 19 55 | 1 1 | 19 42 | 0 25 | 22 1 | 0 2 | 20 35 | 0 40 | 15 56 | 7 27 | 19 44 | 19 46 | 13 55 | 2 21 | 5 58 |
| F 22 | 11 51 | 7 18 | 3 45 | 3 53 | 0 13 | 1 27 | 1 4 | 2 3 | 0 32 | 19 56 | 1 1 | 19 43 | 0 25 | 22 1 | 0 2 | 20 34 | 0 40 | 15 56 | 7 27 | 19 42 | 19 45 | 13 53 | 2 22 | 5 58 |
| S 23 | 11 31 | 11 22 | 2 56 | 3 10 | 0 5 | 0 56 | 1 2 | 2 19 | 0 31 | 19 57 | 1 1 | 19 44 | 0 25 | 22 2 | 0 2 | 20 34 | 0 40 | 15 56 | 7 27 | 19 40 | 19 44 | 13 51 | 2 23 | 5 58 |
| S 24 | 11 11 | 14 59 | 1 58 | 2 27 | 0s 4 | 0 25 | 0 59 | 2 34 | 0 30 | 19 58 | 1 1 | 19 45 | 0 25 | 22 2 | 0 2 | 20 34 | 0 40 | 15 55 | 7 27 | 19 39 | 19 43 | 13 49 | 2 24 | 5 58 |
| M25 | 10 51 | 17 58 | 0 53 | 1 45 | 0 12 | 0s 6 | 0 57 | 2 50 | 0 30 | 19 59 | 1 1 | 19 46 | 0 25 | 22 2 | 0 2 | 20 33 | 0 40 | 15 55 | 7 27 | 19 39 | 19 43 | 13 47 | 2 25 | 5 58 |
| T 26 | 10 30 | 20 4 | 0n17 | 1 3 | 0 21 | 0 36 | 0 55 | 3 5 | 0 29 | 20 0 | 1 1 | 19 47 | 0 25 | 22 2 | 0 2 | 20 33 | 0 40 | 15 55 | 7 27 | 19 39 | 19 42 | 13 45 | 2 26 | 5 58 |
| W27 | 10 9 | 21 4 | 1 28 | 0 22 | 0 30 | 1 7 | 0 53 | 3 21 | 0 28 | 20 1 | 1 1 | 19 48 | 0 26 | 22 2 | 0 2 | 20 33 | 0 40 | 15 55 | 7 28 | 19 39 | 19 41 | 13 43 | 2 28 | 5 58 |
| T 28 | 9 48 | 20 47 | 2 35 | 0s19 | 0 39 | 1 38 | 0 50 | 3 37 | 0 28 | 20 1 | 1 1 | 19 48 | 0 26 | 22 2 | 0 2 | 20 32 | 0 40 | 15 55 | 7 28 | 19 39 | 19 41 | 13 41 | 2 29 | 5 58 |
| F 29 | 9 27 | 19 10 | 3 35 | 1 0 | 0 48 | 2 9 | 0 48 | 3 52 | 0 27 | 20 2 | 1 2 | 19 49 | 0 26 | 22 2 | 0 2 | 20 32 | 0 40 | 15 55 | 7 28 | 19 38 | 19 40 | 13 39 | 2 30 | 5 58 |
| S 30 | 9 6 | 16 15 | 4 22 | 1 39 | 0 57 | 2 40 | 0 45 | 4 8 | 0 26 | 20 3 | 1 2 | 19 50 | 0 26 | 22 2 | 0 2 | 20 32 | 0 40 | 15 55 | 7 28 | 19 37 | 19 39 | 13 37 | 2 31 | 5 57 |
| S 31 | 8n44 | 12s13 | 4n51 | 2s18 | 1s 7 | 3s10 | 0n42 | 4s23 | 0n26 | 20n 4 | 1s 2 | 19s51 | 0s26 | 22s 2 | 0n 2 | 20n31 | 0s40 | 15n55 | 7s28 | 19s35 | 19s38 | 13n35 | 2s32 | 5n57 |

Julian Day Number = 2598949.5, Delta T = 08m49s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°22'57, Lahiri = 29°29'58


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## SEPTEMBER 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 39 32 | 8♍27'10 | 28♒11 | 4♎30 | 10♎52 | 12♎45 | 5♊ 2 | 3°R 0 | 11♐ 8 | 24♋30 | 1♋30 | 27°R25 | 27♏49 | 7♌57 | 9°R15 | M 1 |
| T 2 | 22 43 29 | 9°25'02 | 13♓17 | 5°43 | 12° 4 | 13°24 | 5° 6 | 2♒57 | 11° 9 | 24°32 | 1°31 | 27♏14 | 27°46 | 8° 4 | 9♓12 | T 2 |
| W 3 | 22 47 26 | 10°22'55 | 28° 9 | 6°54 | 13°16 | 14° 2 | 5°11 | 2°54 | 11° 9 | 24°33 | 1°31 | 27° 4 | 27°43 | 8°10 | 9° 9 | W 3 |
| T 4 | 22 51 22 | 11°20'50 | 12♈40 | 8° 3 | 14°28 | 14°41 | 5°15 | 2°51 | 11°10 | 24°35 | 1°32 | 26°56 | 27°40 | 8°17 | 9° 6 | T 4 |
| F 5 | 22 55 19 | 12°18'46 | 26°43 | 9°11 | 15°40 | 15°20 | 5°19 | 2°48 | 11°11 | 24°37 | 1°33 | 26°50 | 27°36 | 8°24 | 9° 3 | F 5 |
| S 6 | 22 59 15 | 13°16'45 | 10♉18 | 10°15 | 16°52 | 15°58 | 5°23 | 2°45 | 11°12 | 24°38 | 1°33 | 26°47 | 27°33 | 8°31 | 9° 0 | S 6 |
| S 7 | 23 3 12 | 14°14'45 | 23°24 | 11°18 | 18° 4 | 16°37 | 5°26 | 2°42 | 11°12 | 24°40 | 1°34 | 26°D46 | 27°30 | 8°37 | 8°57 | S 7 |
| M 8 | 23 7 8 | 15°12'47 | 6♊ 6 | 12°18 | 19°16 | 17°16 | 5°30 | 2°40 | 11°13 | 24°41 | 1°34 | 26°47 | 27°27 | 8°44 | 8°54 | M 8 |
| T 9 | 23 11 5 | 16°10'51 | 18°27 | 13°16 | 20°28 | 17°54 | 5°33 | 2°37 | 11°14 | 24°43 | 1°35 | 26°R47 | 27°24 | 8°51 | 8°51 | T 9 |
| W10 | 23 15 1 | 17° 8'57 | 0♋34 | 14°10 | 21°39 | 18°33 | 5°36 | 2°34 | 11°15 | 24°45 | 1°35 | 26°46 | 27°20 | 8°57 | 8°48 | W10 |
| T 11 | 23 18 58 | 18° 7'04 | 12°30 | 15° 2 | 22°51 | 19°12 | 5°39 | 2°32 | 11°17 | 24°46 | 1°36 | 26°43 | 27°17 | 9° 4 | 8°45 | T 11 |
| F 12 | 23 22 55 | 19° 5'14 | 24°22 | 15°51 | 24° 3 | 19°51 | 5°42 | 2°30 | 11°18 | 24°48 | 1°36 | 26°38 | 27°14 | 9°11 | 8°42 | F 12 |
| S 13 | 23 26 51 | 20° 3'26 | 6♌12 | 16°36 | 25°15 | 20°30 | 5°44 | 2°27 | 11°19 | 24°49 | 1°37 | 26°30 | 27°11 | 9°18 | 8°39 | S 13 |
| S 14 | 23 30 48 | 21° 1'39 | 18° 5 | 17°18 | 26°26 | 21° 9 | 5°46 | 2°25 | 11°20 | 24°50 | 1°37 | 26°20 | 27° 8 | 9°24 | 8°36 | S 14 |
| M15 | 23 34 44 | 21°59'54 | 0♍ 3 | 17°56 | 27°38 | 21°49 | 5°48 | 2°23 | 11°21 | 24°52 | 1°37 | 26° 9 | 27° 5 | 9°31 | 8°33 | M15 |
| T 16 | 23 38 41 | 22°58'11 | 12° 8 | 18°30 | 28°50 | 22°28 | 5°50 | 2°21 | 11°23 | 24°53 | 1°38 | 25°57 | 27° 1 | 9°38 | 8°30 | T 16 |
| W17 | 23 42 37 | 23°56'30 | 24°22 | 18°59 | 0♏ 1 | 23° 7 | 5°52 | 2°19 | 11°24 | 24°54 | 1°38 | 25°45 | 26°58 | 9°44 | 8°27 | W17 |
| T 18 | 23 46 34 | 24°54'51 | 6♎45 | 19°24 | 1°13 | 23°46 | 5°53 | 2°17 | 11°26 | 24°56 | 1°38 | 25°35 | 26°55 | 9°51 | 8°24 | T 18 |
| F 19 | 23 50 30 | 25°53'13 | 19°17 | 19°44 | 2°24 | 24°26 | 5°55 | 2°15 | 11°27 | 24°57 | 1°39 | 25°28 | 26°52 | 9°58 | 8°21 | F 19 |
| S 20 | 23 54 27 | 26°51'37 | 2♏ 0 | 19°58 | 3°35 | 25° 5 | 5°56 | 2°14 | 11°29 | 24°58 | 1°39 | 25°23 | 26°49 | 10° 5 | 8°18 | S 20 |
| S 21 | 23 58 24 | 27°50'03 | 14°55 | 20° 7 | 4°47 | 25°45 | 5°57 | 2°12 | 11°30 | 25° 0 | 1°39 | 25°20 | 26°45 | 10°11 | 8°16 | S 21 |
| M22 | 0 2 20 | 28°48'31 | 28° 2 | 20°R10 | 5°58 | 26°24 | 5°57 | 2°11 | 11°32 | 25° 1 | 1°39 | 25°D20 | 26°42 | 10°18 | 8°13 | M22 |
| T 23 | 0 6 17 | 29°47'00 | 11♐24 | 20° 6 | 7° 9 | 27° 4 | 5°58 | 2° 9 | 11°34 | 25° 2 | 1°40 | 25°20 | 26°39 | 10°25 | 8°10 | T 23 |
| W24 | 0 10 13 | 0♎45'31 | 25° 1 | 19°56 | 8°21 | 27°44 | 5°58 | 2° 8 | 11°35 | 25° 3 | 1°40 | 25°R21 | 26°36 | 10°31 | 8° 7 | W24 |
| T 25 | 0 14 10 | 1°44'03 | 8♑57 | 19°39 | 9°32 | 28°23 | 5°R58 | 2° 7 | 11°37 | 25° 4 | 1°40 | 25°21 | 26°33 | 10°38 | 8° 5 | T 25 |
| F 26 | 0 18 6 | 2°42'37 | 23° 9 | 19°15 | 10°43 | 29° 3 | 5°58 | 2° 6 | 11°39 | 25° 5 | 1°40 | 25°19 | 26°30 | 10°45 | 8° 2 | F 26 |
| S 27 | 0 22 3 | 3°41'12 | 7♒38 | 18°44 | 11°54 | 29°43 | 5°58 | 2° 5 | 11°41 | 25° 6 | 1°40 | 25°15 | 26°26 | 10°52 | 7°59 | S 27 |
| S 28 | 0 25 59 | 4°39'49 | 22°18 | 18° 6 | 13° 5 | 0♏23 | 5°57 | 2° 4 | 11°43 | 25° 7 | 1°40 | 25°10 | 26°23 | 10°58 | 7°57 | S 28 |
| M29 | 0 29 56 | 5°38'28 | 7♓ 5 | 17°21 | 14°16 | 1° 3 | 5°57 | 2° 3 | 11°45 | 25° 8 | 1°40 | 25° 2 | 26°20 | 11° 5 | 7°54 | M29 |
| T 30 | 0 33 52 | 6♎37'09 | 21♓51 | 16♎31 | 15♏27 | 1♏43 | 5♊56 | 2♒ 2 | 11♐47 | 25♋ 9 | 1♋41 | 24♏55 | 26♏17 | 11♌12 | 7♓51 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n23 | 7s22 | 5n 1 | 2s57 | 1s16 | 3s41 | 0n40 | 4s39 | 0n25 | 20n 4 | 1s 2 | 19s52 | 0s26 | 22s 2 | 0n 2 | 20n31 | 0s40 | 15n55 | 7s28 | 19s32 | 19s38 | 13n33 | 2s33 | 5n57 |
| T 2 | 8 1 | 2 6 | 4 49 | 3 34 | 1 25 | 4 11 | 0 37 | 4 54 | 0 24 | 20 5 | 1 2 | 19 53 | 0 26 | 22 2 | 0 2 | 20 31 | 0 40 | 15 54 | 7 28 | 19 30 | 19 37 | 13 31 | 2 35 | 5 57 |
| W 3 | 7 40 | 3n13 | 4 18 | 4 11 | 1 35 | 4 42 | 0 34 | 5 10 | 0 24 | 20 6 | 1 2 | 19 53 | 0 26 | 22 2 | 0 2 | 20 31 | 0 40 | 15 54 | 7 28 | 19 28 | 19 36 | 13 30 | 2 36 | 5 57 |
| T 4 | 7 18 | 8 14 | 3 31 | 4 47 | 1 44 | 5 12 | 0 31 | 5 25 | 0 23 | 20 6 | 1 2 | 19 54 | 0 26 | 22 2 | 0 2 | 20 30 | 0 40 | 15 54 | 7 28 | 19 26 | 19 36 | 13 28 | 2 37 | 5 57 |
| F 5 | 6 56 | 12 39 | 2 32 | 5 22 | 1 53 | 5 43 | 0 29 | 5 41 | 0 22 | 20 7 | 1 2 | 19 55 | 0 26 | 22 3 | 0 2 | 20 30 | 0 40 | 15 54 | 7 29 | 19 24 | 19 35 | 13 26 | 2 38 | 5 57 |
| S 6 | 6 33 | 16 14 | 1 26 | 5 56 | 2 3 | 6 13 | 0 26 | 5 56 | 0 22 | 20 8 | 1 3 | 19 55 | 0 26 | 22 3 | 0 2 | 20 30 | 0 40 | 15 54 | 7 29 | 19 24 | 19 34 | 13 24 | 2 39 | 5 57 |
| S 7 | 6 11 | 18 52 | 0 18 | 6 29 | 2 12 | 6 43 | 0 23 | 6 11 | 0 21 | 20 8 | 1 3 | 19 56 | 0 26 | 22 3 | 0 2 | 20 29 | 0 40 | 15 54 | 7 29 | 19 24 | 19 33 | 13 22 | 2 41 | 5 57 |
| M 8 | 5 49 | 20 28 | 0s49 | 7 1 | 2 21 | 7 13 | 0 20 | 6 27 | 0 21 | 20 9 | 1 3 | 19 57 | 0 26 | 22 3 | 0 1 | 20 29 | 0 40 | 15 54 | 7 29 | 19 24 | 19 33 | 13 20 | 2 42 | 5 57 |
| T 9 | 5 26 | 21 1 | 1 53 | 7 32 | 2 30 | 7 43 | 0 17 | 6 42 | 0 20 | 20 9 | 1 3 | 19 57 | 0 26 | 22 3 | 0 1 | 20 29 | 0 40 | 15 54 | 7 29 | 19 24 | 19 32 | 13 18 | 2 43 | 5 57 |
| W10 | 5 4 | 20 34 | 2 49 | 8 1 | 2 39 | 8 13 | 0 13 | 6 58 | 0 19 | 20 9 | 1 3 | 19 58 | 0 26 | 22 3 | 0 1 | 20 29 | 0 40 | 15 53 | 7 29 | 19 23 | 19 31 | 13 16 | 2 44 | 5 57 |
| T 11 | 4 41 | 19 11 | 3 38 | 8 29 | 2 48 | 8 42 | 0 10 | 7 13 | 0 19 | 20 10 | 1 3 | 19 59 | 0 26 | 22 3 | 0 1 | 20 28 | 0 40 | 15 53 | 7 29 | 19 23 | 19 31 | 13 14 | 2 46 | 5 56 |
| F 12 | 4 19 | 16 59 | 4 17 | 8 56 | 2 56 | 9 12 | 0 7 | 7 28 | 0 18 | 20 10 | 1 3 | 19 59 | 0 26 | 22 4 | 0 1 | 20 28 | 0 40 | 15 53 | 7 29 | 19 22 | 19 30 | 13 12 | 2 47 | 5 56 |
| S 13 | 3 56 | 14 5 | 4 44 | 9 21 | 3 4 | 9 41 | 0 4 | 7 43 | 0 17 | 20 10 | 1 3 | 20 0 | 0 26 | 22 4 | 0 1 | 20 28 | 0 40 | 15 53 | 7 29 | 19 20 | 19 29 | 13 10 | 2 48 | 5 56 |
| S 14 | 3 33 | 10 37 | 5 0 | 9 44 | 3 12 | 10 10 | 0 1 | 7 59 | 0 17 | 20 11 | 1 3 | 20 0 | 0 27 | 22 4 | 0 1 | 20 27 | 0 40 | 15 53 | 7 30 | 19 17 | 19 28 | 13 8 | 2 49 | 5 56 |
| M15 | 3 10 | 6 43 | 5 2 | 10 6 | 3 20 | 10 39 | 0s 3 | 8 14 | 0 16 | 20 11 | 1 4 | 20 1 | 0 27 | 22 4 | 0 1 | 20 27 | 0 40 | 15 53 | 7 30 | 19 15 | 19 28 | 13 6 | 2 50 | 5 56 |
| T 16 | 2 47 | 2 30 | 4 51 | 10 26 | 3 27 | 11 8 | 0 6 | 8 29 | 0 15 | 20 11 | 1 4 | 20 1 | 0 27 | 22 4 | 0 1 | 20 27 | 0 40 | 15 53 | 7 30 | 19 12 | 19 27 | 13 4 | 2 52 | 5 56 |
| W17 | 2 24 | 1s51 | 4 26 | 10 43 | 3 34 | 11 36 | 0 9 | 8 44 | 0 15 | 20 11 | 1 4 | 20 2 | 0 27 | 22 5 | 0 1 | 20 27 | 0 40 | 15 53 | 7 30 | 19 9 | 19 26 | 13 2 | 2 53 | 5 55 |
| T 18 | 2 1 | 6 11 | 3 49 | 10 58 | 3 40 | 12 4 | 0 13 | 8 59 | 0 14 | 20 11 | 1 4 | 20 2 | 0 27 | 22 5 | 0 1 | 20 26 | 0 40 | 15 53 | 7 30 | 19 7 | 19 25 | 13 0 | 2 54 | 5 55 |
| F 19 | 1 38 | 10 19 | 3 0 | 11 11 | 3 46 | 12 32 | 0 16 | 9 14 | 0 14 | 20 12 | 1 4 | 20 3 | 0 27 | 22 5 | 0 1 | 20 26 | 0 40 | 15 52 | 7 30 | 19 5 | 19 25 | 12 58 | 2 55 | 5 55 |
| S 20 | 1 15 | 14 3 | 2 1 | 11 21 | 3 51 | 12 59 | 0 20 | 9 29 | 0 13 | 20 12 | 1 4 | 20 3 | 0 27 | 22 5 | 0 1 | 20 26 | 0 40 | 15 52 | 7 30 | 19 4 | 19 24 | 12 56 | 2 57 | 5 55 |
| S 21 | 0 52 | 17 10 | 0 56 | 11 28 | 3 55 | 13 27 | 0 23 | 9 44 | 0 12 | 20 12 | 1 4 | 20 4 | 0 27 | 22 5 | 0 1 | 20 26 | 0 40 | 15 52 | 7 30 | 19 3 | 19 23 | 12 54 | 2 58 | 5 55 |
| M22 | 0 28 | 19 27 | 0n15 | 11 32 | 3 58 | 13 54 | 0 26 | 9 59 | 0 12 | 20 12 | 1 4 | 20 4 | 0 27 | 22 6 | 0 1 | 20 26 | 0 40 | 15 52 | 7 31 | 19 3 | 19 23 | 12 52 | 2 59 | 5 55 |
| T 23 | 0 5 | 20 41 | 1 25 | 11 33 | 4 0 | 14 21 | 0 30 | 10 14 | 0 11 | 20 12 | 1 5 | 20 4 | 0 27 | 22 6 | 0 1 | 20 25 | 0 40 | 15 52 | 7 31 | 19 3 | 19 22 | 12 50 | 3 0 | 5 54 |
| W24 | 0s18 | 20 45 | 2 32 | 11 30 | 4 2 | 14 47 | 0 33 | 10 29 | 0 10 | 20 12 | 1 5 | 20 5 | 0 27 | 22 6 | 0 1 | 20 25 | 0 40 | 15 52 | 7 31 | 19 3 | 19 21 | 12 48 | 3 1 | 5 54 |
| T 25 | 0 41 | 19 33 | 3 32 | 11 24 | 4 1 | 15 13 | 0 37 | 10 44 | 0 10 | 20 12 | 1 5 | 20 5 | 0 27 | 22 6 | 0 1 | 20 25 | 0 40 | 15 52 | 7 31 | 19 3 | 19 20 | 12 46 | 3 3 | 5 54 |
| F 26 | 1 5 | 17 8 | 4 20 | 11 13 | 4 0 | 15 39 | 0 41 | 10 58 | 0 9 | 20 11 | 1 5 | 20 5 | 0 27 | 22 7 | 0 1 | 20 25 | 0 40 | 15 52 | 7 31 | 19 3 | 19 20 | 12 44 | 3 4 | 5 54 |
| S 27 | 1 28 | 13 36 | 4 53 | 10 58 | 3 57 | 16 4 | 0 44 | 11 13 | 0 9 | 20 11 | 1 5 | 20 6 | 0 27 | 22 7 | 0 1 | 20 24 | 0 40 | 15 51 | 7 31 | 19 2 | 19 19 | 12 42 | 3 5 | 5 53 |
| S 28 | 1 51 | 9 13 | 5 6 | 10 39 | 3 52 | 16 29 | 0 48 | 11 27 | 0 8 | 20 11 | 1 5 | 20 6 | 0 27 | 22 7 | 0 1 | 20 24 | 0 40 | 15 51 | 7 31 | 19 1 | 19 18 | 12 40 | 3 6 | 5 53 |
| M29 | 2 14 | 4 14 | 5 0 | 10 16 | 3 45 | 16 54 | 0 51 | 11 42 | 0 7 | 20 11 | 1 5 | 20 6 | 0 27 | 22 7 | 0 1 | 20 24 | 0 40 | 15 51 | 7 31 | 18 59 | 19 17 | 12 38 | 3 7 | 5 53 |
| T 30 | 2s37 | 0n58 | 4n34 | 9s49 | 3s37 | 17s18 | 0s55 | 11s56 | 0n 7 | 20n11 | 1s 5 | 20s 6 | 0s27 | 22s 8 | 0n 1 | 20n24 | 0s40 | 15n51 | 7s31 | 18s57 | 19s17 | 12n36 | 3s 9 | 5n53 |

Julian Day Number = 2598980.5, Delta T = 08m49s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'01, Lahiri = 29°30'03


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## OCTOBER 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 37 49 | 7♎35'51 | 6♈27 | 15°R34 | 16♏38 | 2♏23 | 5°R55 | 2°R 2 | 11♐49 | 25♋10 | 1♋41 | 24°R48 | 26♏14 | 11♌18 | 7°R49 | W 1 |
| T 2 | 0 41 46 | 8°34'35 | 20°46 | 14♎33 | 17°48 | 3° 3 | 5♊53 | 2♒ 1 | 11°51 | 25°11 | 1°R41 | 24♏42 | 26°11 | 11°25 | 7♓46 | T 2 |
| F 3 | 0 45 42 | 9°33'22 | 4♉44 | 13°28 | 18°59 | 3°43 | 5°52 | 2° 1 | 11°53 | 25°12 | 1°41 | 24°38 | 26° 7 | 11°32 | 7°44 | F 3 |
| S 4 | 0 49 39 | 10°32'10 | 18°17 | 12°22 | 20°10 | 4°23 | 5°50 | 2° 0 | 11°55 | 25°13 | 1°41 | 24°D36 | 26° 4 | 11°39 | 7°42 | S 4 |
| S 5 | 0 53 35 | 11°31'01 | 1♊25 | 11°15 | 21°20 | 5° 3 | 5°48 | 2° 0 | 11°57 | 25°14 | 1°40 | 24°36 | 26° 1 | 11°45 | 7°39 | S 5 |
| M 6 | 0 57 32 | 12°29'54 | 14°10 | 10° 9 | 22°31 | 5°44 | 5°46 | 2° 0 | 12° 0 | 25°15 | 1°40 | 24°38 | 25°58 | 11°52 | 7°37 | M 6 |
| T 7 | 1 1 28 | 13°28'49 | 26°34 | 9° 6 | 23°41 | 6°24 | 5°44 | 2°D 0 | 12° 2 | 25°15 | 1°40 | 24°39 | 25°55 | 11°59 | 7°35 | T 7 |
| W 8 | 1 5 25 | 14°27'46 | 8♋43 | 8° 8 | 24°52 | 7° 5 | 5°41 | 2° 0 | 12° 4 | 25°16 | 1°40 | 24°40 | 25°51 | 12° 5 | 7°32 | W 8 |
| T 9 | 1 9 21 | 15°26'46 | 20°42 | 7°17 | 26° 2 | 7°45 | 5°39 | 2° 0 | 12° 7 | 25°17 | 1°40 | 24°R40 | 25°48 | 12°12 | 7°30 | T 9 |
| F 10 | 1 13 18 | 16°25'48 | 2♌35 | 6°33 | 27°12 | 8°26 | 5°36 | 2° 1 | 12° 9 | 25°17 | 1°40 | 24°39 | 25°45 | 12°19 | 7°28 | F 10 |
| S 11 | 1 17 15 | 17°24'52 | 14°27 | 5°58 | 28°23 | 9° 6 | 5°33 | 2° 1 | 12°12 | 25°18 | 1°40 | 24°36 | 25°42 | 12°26 | 7°26 | S 11 |
| S 12 | 1 21 11 | 18°23'59 | 26°22 | 5°33 | 29°33 | 9°47 | 5°30 | 2° 1 | 12°14 | 25°19 | 1°39 | 24°31 | 25°39 | 12°32 | 7°24 | S 12 |
| M13 | 1 25 8 | 19°23'07 | 8♍24 | 5°18 | 0♐43 | 10°28 | 5°26 | 2° 2 | 12°17 | 25°19 | 1°39 | 24°25 | 25°36 | 12°39 | 7°22 | M13 |
| T 14 | 1 29 4 | 20°22'18 | 20°37 | 5°D13 | 1°53 | 11° 8 | 5°22 | 2° 3 | 12°19 | 25°20 | 1°39 | 24°19 | 25°32 | 12°46 | 7°20 | T 14 |
| W15 | 1 33 1 | 21°21'31 | 3♎ 1 | 5°20 | 3° 3 | 11°49 | 5°19 | 2° 3 | 12°22 | 25°20 | 1°39 | 24°13 | 25°29 | 12°52 | 7°18 | W15 |
| T 16 | 1 36 57 | 22°20'46 | 15°38 | 5°37 | 4°13 | 12°30 | 5°15 | 2° 4 | 12°25 | 25°21 | 1°38 | 24° 8 | 25°26 | 12°59 | 7°16 | T 16 |
| F 17 | 1 40 54 | 23°20'03 | 28°29 | 6° 3 | 5°23 | 13°11 | 5°10 | 2° 5 | 12°27 | 25°21 | 1°38 | 24° 4 | 25°23 | 13° 6 | 7°14 | F 17 |
| S 18 | 1 44 50 | 24°19'22 | 11♏33 | 6°40 | 6°32 | 13°52 | 5° 6 | 2° 6 | 12°30 | 25°21 | 1°38 | 24° 2 | 25°20 | 13°13 | 7°12 | S 18 |
| S 19 | 1 48 47 | 25°18'43 | 24°49 | 7°25 | 7°42 | 14°33 | 5° 1 | 2° 7 | 12°33 | 25°22 | 1°37 | 24°D 1 | 25°16 | 13°19 | 7°11 | S 19 |
| M20 | 1 52 44 | 26°18'06 | 8♐18 | 8°19 | 8°52 | 15°14 | 4°57 | 2° 9 | 12°36 | 25°22 | 1°37 | 24° 2 | 25°13 | 13°26 | 7° 9 | M20 |
| T 21 | 1 56 40 | 27°17'31 | 21°57 | 9°19 | 10° 1 | 15°56 | 4°52 | 2°10 | 12°38 | 25°22 | 1°37 | 24° 3 | 25°10 | 13°33 | 7° 7 | T 21 |
| W22 | 2 0 37 | 28°16'58 | 5♑47 | 10°26 | 11°11 | 16°37 | 4°47 | 2°12 | 12°41 | 25°23 | 1°36 | 24° 5 | 25° 7 | 13°40 | 7° 6 | W22 |
| T 23 | 2 4 33 | 29°16'27 | 19°47 | 11°39 | 12°20 | 17°18 | 4°41 | 2°13 | 12°44 | 25°23 | 1°36 | 24° 6 | 25° 4 | 13°46 | 7° 4 | T 23 |
| F 24 | 2 8 30 | 0♏15'57 | 3♒55 | 12°57 | 13°29 | 18° 0 | 4°36 | 2°15 | 12°47 | 25°23 | 1°35 | 24°R 6 | 25° 1 | 13°53 | 7° 3 | F 24 |
| S 25 | 2 12 26 | 1°15'28 | 18°10 | 14°20 | 14°38 | 18°41 | 4°30 | 2°17 | 12°50 | 25°23 | 1°35 | 24° 5 | 24°57 | 14° 0 | 7° 1 | S 25 |
| S 26 | 2 16 23 | 2°15'02 | 2♓29 | 15°46 | 15°47 | 19°22 | 4°25 | 2°18 | 12°53 | 25°23 | 1°34 | 24° 3 | 24°54 | 14° 6 | 7° 0 | S 26 |
| M27 | 2 20 19 | 3°14'37 | 16°49 | 17°15 | 16°56 | 20° 4 | 4°19 | 2°20 | 12°56 | 25°23 | 1°34 | 24° 1 | 24°51 | 14°13 | 6°59 | M27 |
| T 28 | 2 24 16 | 4°14'14 | 1♈ 6 | 18°47 | 18° 5 | 20°46 | 4°13 | 2°22 | 12°59 | 25°23 | 1°33 | 23°58 | 24°48 | 14°20 | 6°57 | T 28 |
| W29 | 2 28 13 | 5°13'52 | 15°15 | 20°20 | 19°14 | 21°27 | 4° 6 | 2°25 | 13° 2 | 25°R23 | 1°33 | 23°55 | 24°45 | 14°27 | 6°56 | W29 |
| T 30 | 2 32 9 | 6°13'33 | 29°12 | 21°56 | 20°22 | 22° 9 | 4° 0 | 2°27 | 13° 5 | 25°23 | 1°32 | 23°53 | 24°42 | 14°33 | 6°55 | T 30 |
| F 31 | 2 36 6 | 7♏13'15 | 12♉52 | 23♎33 | 21♐31 | 22♏51 | 3♊54 | 2♒29 | 13♐ 8 | 25♋23 | 1♋31 | 23♏52 | 24♏38 | 14♌40 | 6♓54 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s 0 | 6n 5 | 3n50 | 9s18 | 3s27 | 17s42 | 0s58 | 12s11 | 0n 6 | 20n10 | 1s 5 | 20s 6 | 0s27 | 22s 8 | 0n 1 | 20n24 | 0s40 | 15n51 | 7s32 | 18s55 | 19s16 | 12n34 | 3s10 | 5n52 |
| T 2 | 3 24 | 10 45 | 2 52 | 8 43 | 3 14 | 18 6 | 1 2 | 12 25 | 0 5 | 20 10 | 1 6 | 20 7 | 0 27 | 22 8 | 0 1 | 20 24 | 0 40 | 15 51 | 7 32 | 18 54 | 19 15 | 12 32 | 3 11 | 5 52 |
| F 3 | 3 47 | 14 43 | 1 45 | 8 5 | 3 0 | 18 29 | 1 6 | 12 39 | 0 5 | 20 10 | 1 6 | 20 7 | 0 27 | 22 9 | 0 1 | 20 23 | 0 40 | 15 51 | 7 32 | 18 53 | 19 14 | 12 30 | 3 12 | 5 52 |
| S 4 | 4 10 | 17 47 | 0 34 | 7 24 | 2 45 | 18 51 | 1 9 | 12 53 | 0 4 | 20 9 | 1 6 | 20 7 | 0 27 | 22 9 | 0 1 | 20 23 | 0 40 | 15 51 | 7 32 | 18 53 | 19 14 | 12 28 | 3 13 | 5 52 |
| S 5 | 4 33 | 19 48 | 0s37 | 6 42 | 2 27 | 19 13 | 1 13 | 13 7 | 0 4 | 20 9 | 1 6 | 20 7 | 0 27 | 22 9 | 0 1 | 20 23 | 0 40 | 15 50 | 7 32 | 18 53 | 19 13 | 12 26 | 3 14 | 5 51 |
| M 6 | 4 56 | 20 44 | 1 44 | 5 59 | 2 9 | 19 35 | 1 16 | 13 21 | 0 3 | 20 8 | 1 6 | 20 7 | 0 27 | 22 9 | 0 1 | 20 23 | 0 40 | 15 50 | 7 32 | 18 53 | 19 12 | 12 24 | 3 15 | 5 51 |
| T 7 | 5 19 | 20 36 | 2 45 | 5 17 | 1 49 | 19 56 | 1 20 | 13 35 | 0 2 | 20 8 | 1 6 | 20 7 | 0 27 | 22 10 | 0 1 | 20 23 | 0 40 | 15 50 | 7 32 | 18 53 | 19 11 | 12 22 | 3 17 | 5 51 |
| W 8 | 5 41 | 19 30 | 3 36 | 4 35 | 1 29 | 20 17 | 1 23 | 13 49 | 0 2 | 20 7 | 1 6 | 20 7 | 0 27 | 22 10 | 0 1 | 20 23 | 0 40 | 15 50 | 7 32 | 18 54 | 19 11 | 12 19 | 3 18 | 5 50 |
| T 9 | 6 4 | 17 33 | 4 18 | 3 56 | 1 9 | 20 37 | 1 27 | 14 3 | 0 1 | 20 7 | 1 6 | 20 7 | 0 28 | 22 10 | 0 1 | 20 22 | 0 40 | 15 50 | 7 33 | 18 54 | 19 10 | 12 17 | 3 19 | 5 50 |
| F 10 | 6 27 | 14 51 | 4 48 | 3 20 | 0 48 | 20 57 | 1 30 | 14 16 | 0 0 | 20 6 | 1 6 | 20 7 | 0 28 | 22 11 | 0 1 | 20 22 | 0 40 | 15 50 | 7 33 | 18 53 | 19 9 | 12 15 | 3 20 | 5 50 |
| S 11 | 6 49 | 11 35 | 5 6 | 2 48 | 0 28 | 21 17 | 1 34 | 14 30 | 0s 0 | 20 6 | 1 6 | 20 7 | 0 28 | 22 11 | 0 1 | 20 22 | 0 40 | 15 50 | 7 33 | 18 52 | 19 8 | 12 13 | 3 21 | 5 50 |
| S 12 | 7 12 | 7 49 | 5 11 | 2 20 | 0 9 | 21 35 | 1 37 | 14 44 | 0 1 | 20 5 | 1 6 | 20 7 | 0 28 | 22 11 | 0 1 | 20 22 | 0 40 | 15 50 | 7 33 | 18 51 | 19 8 | 12 11 | 3 22 | 5 49 |
| M13 | 7 34 | 3 44 | 5 2 | 1 57 | 0n 9 | 21 54 | 1 40 | 14 57 | 0 1 | 20 4 | 1 7 | 20 7 | 0 28 | 22 12 | 0 1 | 20 22 | 0 40 | 15 49 | 7 33 | 18 50 | 19 7 | 12 9 | 3 23 | 5 49 |
| T 14 | 7 57 | 0s34 | 4 39 | 1 40 | 0 26 | 22 11 | 1 44 | 15 10 | 0 2 | 20 3 | 1 7 | 20 7 | 0 28 | 22 12 | 0 1 | 20 22 | 0 40 | 15 49 | 7 33 | 18 48 | 19 6 | 12 7 | 3 24 | 5 49 |
| W15 | 8 19 | 4 55 | 4 3 | 1 28 | 0 42 | 22 28 | 1 47 | 15 23 | 0 3 | 20 3 | 1 7 | 20 6 | 0 28 | 22 12 | 0 1 | 20 22 | 0 40 | 15 49 | 7 33 | 18 47 | 19 5 | 12 5 | 3 25 | 5 48 |
| T 16 | 8 41 | 9 8 | 3 14 | 1 21 | 0 57 | 22 45 | 1 50 | 15 36 | 0 3 | 20 2 | 1 7 | 20 6 | 0 28 | 22 13 | 0 1 | 20 22 | 0 40 | 15 49 | 7 33 | 18 46 | 19 5 | 12 3 | 3 26 | 5 48 |
| F 17 | 9 3 | 13 1 | 2 15 | 1 20 | 1 10 | 23 1 | 1 54 | 15 49 | 0 4 | 20 1 | 1 7 | 20 6 | 0 28 | 22 13 | 0 1 | 20 22 | 0 40 | 15 49 | 7 34 | 18 45 | 19 4 | 12 1 | 3 27 | 5 48 |
| S 18 | 9 25 | 16 20 | 1 8 | 1 24 | 1 21 | 23 16 | 1 57 | 16 2 | 0 4 | 20 0 | 1 7 | 20 6 | 0 28 | 22 14 | 0 1 | 20 22 | 0 40 | 15 49 | 7 34 | 18 44 | 19 3 | 11 59 | 3 28 | 5 47 |
| S 19 | 9 46 | 18 52 | 0n 4 | 1 33 | 1 31 | 23 31 | 2 0 | 16 15 | 0 5 | 19 59 | 1 7 | 20 6 | 0 28 | 22 14 | 0 1 | 20 21 | 0 40 | 15 49 | 7 34 | 18 44 | 19 2 | 11 57 | 3 29 | 5 47 |
| M20 | 10 8 | 20 22 | 1 18 | 1 46 | 1 39 | 23 45 | 2 3 | 16 28 | 0 6 | 19 58 | 1 7 | 20 5 | 0 28 | 22 14 | 0 1 | 20 21 | 0 40 | 15 49 | 7 34 | 18 44 | 19 2 | 11 55 | 3 30 | 5 46 |
| T 21 | 10 29 | 20 41 | 2 27 | 2 3 | 1 46 | 23 59 | 2 6 | 16 40 | 0 6 | 19 58 | 1 7 | 20 5 | 0 28 | 22 15 | 0 1 | 20 21 | 0 40 | 15 49 | 7 34 | 18 45 | 19 1 | 11 53 | 3 31 | 5 46 |
| W22 | 10 50 | 19 46 | 3 30 | 2 24 | 1 52 | 24 12 | 2 9 | 16 52 | 0 7 | 19 57 | 1 7 | 20 5 | 0 28 | 22 15 | 0 1 | 20 21 | 0 40 | 15 49 | 7 34 | 18 45 | 19 0 | 11 51 | 3 32 | 5 46 |
| T 23 | 11 11 | 17 39 | 4 20 | 2 49 | 1 56 | 24 25 | 2 12 | 17 5 | 0 7 | 19 56 | 1 7 | 20 5 | 0 28 | 22 15 | 0 1 | 20 21 | 0 40 | 15 48 | 7 34 | 18 45 | 18 59 | 11 49 | 3 33 | 5 45 |
| F 24 | 11 32 | 14 27 | 4 55 | 3 16 | 1 59 | 24 36 | 2 15 | 17 17 | 0 8 | 19 55 | 1 7 | 20 4 | 0 28 | 22 16 | 0 1 | 20 21 | 0 40 | 15 48 | 7 34 | 18 45 | 18 59 | 11 47 | 3 33 | 5 45 |
| S 25 | 11 53 | 10 23 | 5 13 | 3 46 | 2 1 | 24 47 | 2 18 | 17 29 | 0 9 | 19 54 | 1 7 | 20 4 | 0 28 | 22 16 | 0 1 | 20 21 | 0 40 | 15 48 | 7 34 | 18 45 | 18 58 | 11 45 | 3 34 | 5 45 |
| S 26 | 12 14 | 5 43 | 5 11 | 4 18 | 2 2 | 24 58 | 2 21 | 17 41 | 0 9 | 19 52 | 1 7 | 20 3 | 0 28 | 22 17 | 0 1 | 20 21 | 0 40 | 15 48 | 7 34 | 18 45 | 18 57 | 11 43 | 3 35 | 5 44 |
| M27 | 12 34 | 0 44 | 4 50 | 4 52 | 2 2 | 25 8 | 2 24 | 17 53 | 0 10 | 19 51 | 1 7 | 20 3 | 0 28 | 22 17 | 0 1 | 20 21 | 0 40 | 15 48 | 7 35 | 18 44 | 18 56 | 11 41 | 3 36 | 5 44 |
| T 28 | 12 54 | 4n17 | 4 11 | 5 28 | 2 2 | 25 17 | 2 26 | 18 4 | 0 10 | 19 50 | 1 7 | 20 3 | 0 28 | 22 17 | 0 1 | 20 21 | 0 40 | 15 48 | 7 35 | 18 43 | 18 55 | 11 39 | 3 37 | 5 44 |
| W29 | 13 14 | 9 1 | 3 17 | 6 4 | 2 0 | 25 26 | 2 29 | 18 16 | 0 11 | 19 49 | 1 7 | 20 2 | 0 28 | 22 18 | 0 1 | 20 21 | 0 40 | 15 48 | 7 35 | 18 43 | 18 55 | 11 37 | 3 38 | 5 43 |
| T 30 | 13 34 | 13 13 | 2 12 | 6 42 | 1 58 | 25 33 | 2 32 | 18 27 | 0 12 | 19 48 | 1 7 | 20 2 | 0 28 | 22 18 | 0 1 | 20 21 | 0 40 | 15 48 | 7 35 | 18 42 | 18 54 | 11 35 | 3 38 | 5 43 |
| F 31 | 13s54 | 16n37 | 1n 0 | 7s20 | 1n55 | 25s41 | 2s34 | 18s38 | 0s12 | 19n47 | 1s 7 | 20s 1 | 0s28 | 22s19 | 0n 1 | 20n21 | 0s40 | 15n48 | 7s35 | 18s42 | 18s53 | 11n33 | 3s39 | 5n42 |

Julian Day Number = 2599010.5, Delta T = 08m49s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'05, Lahiri = 29°30'07


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## NOVEMBER 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 40 2 | 8♏13'00 | 26♉13 | 25♎10 | 22♐39 | 23♏32 | 3°R47 | 2♒32 | 13♐12 | 25°R23 | 1°R31 | 23°D52 | 24♏35 | 14♌47 | 6°R53 | S 1 |
| S 2 | 2 43 59 | 9°12'46 | 9♊15 | 26°49 | 23°47 | 24°14 | 3♊40 | 2°34 | 13°15 | 25♋23 | 1♋30 | 23♏52 | 24°32 | 14°53 | 6♓52 | S 2 |
| M 3 | 2 47 55 | 10°12'35 | 21°58 | 28°28 | 24°55 | 24°56 | 3°33 | 2°37 | 13°18 | 25°23 | 1°30 | 23°53 | 24°29 | 15° 0 | 6°51 | M 3 |
| T 4 | 2 51 52 | 11°12'26 | 4♋23 | 0♏ 8 | 26° 3 | 25°38 | 3°26 | 2°39 | 13°21 | 25°23 | 1°29 | 23°55 | 24°26 | 15° 7 | 6°50 | T 4 |
| W 5 | 2 55 48 | 12°12'19 | 16°34 | 1°48 | 27°11 | 26°20 | 3°19 | 2°42 | 13°25 | 25°23 | 1°28 | 23°56 | 24°22 | 15°14 | 6°50 | W 5 |
| T 6 | 2 59 45 | 13°12'14 | 28°34 | 3°28 | 28°19 | 27° 2 | 3°12 | 2°45 | 13°28 | 25°22 | 1°27 | 23°57 | 24°19 | 15°20 | 6°49 | T 6 |
| F 7 | 3 3 42 | 14°12'11 | 10♌28 | 5° 7 | 29°26 | 27°45 | 3° 5 | 2°48 | 13°31 | 25°22 | 1°27 | 23°R57 | 24°16 | 15°27 | 6°48 | F 7 |
| S 8 | 3 7 38 | 15°12'11 | 22°21 | 6°47 | 0♍33 | 28°27 | 2°57 | 2°51 | 13°35 | 25°22 | 1°26 | 23°57 | 24°13 | 15°34 | 6°48 | S 8 |
| S 9 | 3 11 35 | 16°12'12 | 4♍16 | 8°27 | 1°41 | 29° 9 | 2°50 | 2°54 | 13°38 | 25°21 | 1°25 | 23°57 | 24°10 | 15°41 | 6°47 | S 9 |
| M10 | 3 15 31 | 17°12'15 | 16°20 | 10° 6 | 2°48 | 29°51 | 2°42 | 2°58 | 13°41 | 25°21 | 1°24 | 23°56 | 24° 7 | 15°47 | 6°47 | M10 |
| T 11 | 3 19 28 | 18°12'21 | 28°35 | 11°45 | 3°55 | 0♐34 | 2°35 | 3° 1 | 13°45 | 25°21 | 1°24 | 23°55 | 24° 3 | 15°54 | 6°46 | T 11 |
| W12 | 3 23 24 | 19°12'29 | 11♎ 6 | 13°24 | 5° 1 | 1°16 | 2°27 | 3° 4 | 13°48 | 25°20 | 1°23 | 23°54 | 24° 0 | 16° 1 | 6°46 | W12 |
| T 13 | 3 27 21 | 20°12'38 | 23°54 | 15° 3 | 6° 8 | 1°59 | 2°19 | 3° 8 | 13°52 | 25°20 | 1°22 | 23°54 | 23°57 | 16° 7 | 6°46 | T 13 |
| F 14 | 3 31 17 | 21°12'50 | 7♏ 0 | 16°41 | 7°14 | 2°41 | 2°11 | 3°11 | 13°55 | 25°19 | 1°21 | 23°54 | 23°54 | 16°14 | 6°45 | F 14 |
| S 15 | 3 35 14 | 22°13'03 | 20°25 | 18°19 | 8°21 | 3°24 | 2° 3 | 3°15 | 13°59 | 25°19 | 1°20 | 23°D54 | 23°51 | 16°21 | 6°45 | S 15 |
| S 16 | 3 39 11 | 23°13'18 | 4♐ 7 | 19°57 | 9°27 | 4° 7 | 1°55 | 3°19 | 14° 2 | 25°18 | 1°19 | 23°54 | 23°48 | 16°28 | 6°45 | S 16 |
| M17 | 3 43 7 | 24°13'35 | 18° 3 | 21°34 | 10°33 | 4°49 | 1°47 | 3°23 | 14° 6 | 25°17 | 1°18 | 23°R54 | 23°44 | 16°34 | 6°D45 | M17 |
| T 18 | 3 47 4 | 25°13'54 | 2♑10 | 23°11 | 11°38 | 5°32 | 1°39 | 3°27 | 14° 9 | 25°17 | 1°18 | 23°53 | 23°41 | 16°41 | 6°45 | T 18 |
| W19 | 3 51 0 | 26°14'14 | 16°24 | 24°47 | 12°44 | 6°15 | 1°31 | 3°31 | 14°13 | 25°16 | 1°17 | 23°53 | 23°38 | 16°48 | 6°45 | W19 |
| T 20 | 3 54 57 | 27°14'36 | 0♒42 | 26°24 | 13°49 | 6°58 | 1°23 | 3°35 | 14°16 | 25°15 | 1°16 | 23°53 | 23°35 | 16°54 | 6°46 | T 20 |
| F 21 | 3 58 53 | 28°14'58 | 14°58 | 27°59 | 14°54 | 7°41 | 1°15 | 3°39 | 14°20 | 25°15 | 1°15 | 23°53 | 23°32 | 17° 1 | 6°46 | F 21 |
| S 22 | 4 2 50 | 29°15'22 | 29°12 | 29°35 | 15°59 | 8°24 | 1° 7 | 3°43 | 14°23 | 25°14 | 1°14 | 23°D53 | 23°28 | 17° 8 | 6°46 | S 22 |
| S 23 | 4 6 46 | 0♐15'48 | 13♓19 | 1♐10 | 17° 3 | 9° 7 | 0°59 | 3°47 | 14°27 | 25°13 | 1°13 | 23°53 | 23°25 | 17°15 | 6°46 | S 23 |
| M24 | 4 10 43 | 1°16'14 | 27°19 | 2°45 | 18° 7 | 9°50 | 0°50 | 3°52 | 14°31 | 25°12 | 1°12 | 23°53 | 23°22 | 17°21 | 6°47 | M24 |
| T 25 | 4 14 40 | 2°16'42 | 11♈ 9 | 4°20 | 19°11 | 10°33 | 0°42 | 3°56 | 14°34 | 25°11 | 1°11 | 23°54 | 23°19 | 17°28 | 6°47 | T 25 |
| W26 | 4 18 36 | 3°17'11 | 24°49 | 5°55 | 20°15 | 11°16 | 0°34 | 4° 1 | 14°38 | 25°10 | 1°10 | 23°55 | 23°16 | 17°35 | 6°48 | W26 |
| T 27 | 4 22 33 | 4°17'42 | 8♉18 | 7°29 | 21°19 | 12° 0 | 0°26 | 4° 5 | 14°42 | 25°10 | 1° 9 | 23°56 | 23°13 | 17°42 | 6°49 | T 27 |
| F 28 | 4 26 29 | 5°18'14 | 21°33 | 9° 3 | 22°22 | 12°43 | 0°18 | 4°10 | 14°45 | 25° 9 | 1° 8 | 23°R56 | 23° 9 | 17°48 | 6°49 | F 28 |
| S 29 | 4 30 26 | 6°18'47 | 4♊35 | 10°37 | 23°25 | 13°26 | 0°10 | 4°15 | 14°49 | 25° 8 | 1° 7 | 23°56 | 23° 6 | 17°55 | 6°50 | S 29 |
| S 30 | 4 34 22 | 7♐19'22 | 17♊22 | 12♐11 | 24♑27 | 14♐10 | 0♊ 2 | 4♒20 | 14♐53 | 25♋ 7 | 1♋ 6 | 23♏55 | 23♏ 3 | 18♌ 2 | 6♓51 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s13 | 19n 3 | 0s13 | 7s59 | 1n52 | 25s47 | 2s36 | 18s49 | 0s13 | 19n45 | 1s 7 | 20s 1 | 0s28 | 22s19 | 0n 1 | 20n21 | 0s40 | 15n48 | 7s35 | 18s42 | 18s52 | 11n31 | 3s40 | 5n42 |
| S 2 | 14 32 | 20 24 | 1 24 | 8 39 | 1 48 | 25 53 | 2 39 | 19 0 | 0 13 | 19 44 | 1 7 | 20 0 | 0 28 | 22 19 | 0 1 | 20 21 | 0 40 | 15 48 | 7 35 | 18 42 | 18 52 | 11 28 | 3 40 | 5 42 |
| M 3 | 14 51 | 20 40 | 2 29 | 9 18 | 1 43 | 25 58 | 2 41 | 19 11 | 0 14 | 19 43 | 1 7 | 19 59 | 0 28 | 22 20 | 0 1 | 20 21 | 0 41 | 15 47 | 7 35 | 18 42 | 18 51 | 11 26 | 3 41 | 5 41 |
| T 4 | 15 9 | 19 53 | 3 26 | 9 57 | 1 38 | 26 3 | 2 43 | 19 22 | 0 15 | 19 42 | 1 7 | 19 59 | 0 28 | 22 20 | 0 1 | 20 21 | 0 41 | 15 47 | 7 35 | 18 42 | 18 50 | 11 24 | 3 42 | 5 41 |
| W 5 | 15 28 | 18 12 | 4 12 | 10 37 | 1 33 | 26 6 | 2 45 | 19 32 | 0 15 | 19 40 | 1 7 | 19 58 | 0 28 | 22 21 | 0 1 | 20 21 | 0 41 | 15 47 | 7 35 | 18 43 | 18 49 | 11 22 | 3 42 | 5 40 |
| T 6 | 15 46 | 15 44 | 4 46 | 11 16 | 1 28 | 26 10 | 2 47 | 19 43 | 0 16 | 19 39 | 1 7 | 19 58 | 0 28 | 22 21 | 0 1 | 20 21 | 0 41 | 15 47 | 7 35 | 18 43 | 18 49 | 11 20 | 3 43 | 5 40 |
| F 7 | 16 4 | 12 38 | 5 8 | 11 55 | 1 22 | 26 12 | 2 49 | 19 53 | 0 16 | 19 38 | 1 7 | 19 57 | 0 28 | 22 21 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 43 | 18 48 | 11 18 | 3 44 | 5 40 |
| S 8 | 16 22 | 9 2 | 5 17 | 12 33 | 1 16 | 26 14 | 2 51 | 20 3 | 0 17 | 19 36 | 1 7 | 19 56 | 0 28 | 22 22 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 43 | 18 47 | 11 16 | 3 44 | 5 39 |
| S 9 | 16 39 | 5 5 | 5 12 | 13 11 | 1 10 | 26 15 | 2 52 | 20 12 | 0 18 | 19 35 | 1 7 | 19 56 | 0 28 | 22 22 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 43 | 18 46 | 11 14 | 3 45 | 5 39 |
| M10 | 16 56 | 0 53 | 4 53 | 13 48 | 1 4 | 26 15 | 2 54 | 20 22 | 0 18 | 19 33 | 1 7 | 19 55 | 0 29 | 22 23 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 43 | 18 45 | 11 12 | 3 45 | 5 38 |
| T 11 | 17 13 | 3s26 | 4 21 | 14 25 | 0 57 | 26 15 | 2 55 | 20 32 | 0 19 | 19 32 | 1 7 | 19 54 | 0 29 | 22 23 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 43 | 18 45 | 11 10 | 3 46 | 5 38 |
| W12 | 17 29 | 7 41 | 3 36 | 15 1 | 0 51 | 26 14 | 2 57 | 20 41 | 0 19 | 19 30 | 1 7 | 19 53 | 0 29 | 22 24 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 42 | 18 44 | 11 8 | 3 46 | 5 38 |
| T 13 | 17 45 | 11 43 | 2 39 | 15 37 | 0 44 | 26 12 | 2 58 | 20 50 | 0 20 | 19 29 | 1 7 | 19 53 | 0 29 | 22 24 | 0 1 | 20 21 | 0 41 | 15 47 | 7 36 | 18 42 | 18 43 | 11 6 | 3 47 | 5 37 |
| F 14 | 18 1 | 15 17 | 1 32 | 16 11 | 0 37 | 26 10 | 2 59 | 20 59 | 0 20 | 19 27 | 1 7 | 19 52 | 0 29 | 22 24 | 0 1 | 20 22 | 0 41 | 15 47 | 7 36 | 18 42 | 18 42 | 11 4 | 3 47 | 5 37 |
| S 15 | 18 17 | 18 7 | 0 19 | 16 45 | 0 31 | 26 7 | 3 0 | 21 8 | 0 21 | 19 26 | 1 7 | 19 51 | 0 29 | 22 25 | 0 1 | 20 22 | 0 41 | 15 47 | 7 36 | 18 42 | 18 42 | 11 2 | 3 48 | 5 36 |
| S 16 | 18 32 | 20 0 | 0n56 | 17 18 | 0 24 | 26 3 | 3 1 | 21 16 | 0 22 | 19 24 | 1 7 | 19 50 | 0 29 | 22 25 | 0 1 | 20 22 | 0 41 | 15 47 | 7 36 | 18 42 | 18 41 | 11 0 | 3 48 | 5 36 |
| M17 | 18 47 | 20 41 | 2 10 | 17 50 | 0 17 | 25 59 | 3 2 | 21 25 | 0 22 | 19 23 | 1 7 | 19 49 | 0 29 | 22 26 | 0 1 | 20 22 | 0 41 | 15 46 | 7 36 | 18 42 | 18 40 | 10 57 | 3 49 | 5 36 |
| T 18 | 19 2 | 20 5 | 3 17 | 18 22 | 0 10 | 25 54 | 3 2 | 21 33 | 0 23 | 19 21 | 1 7 | 19 48 | 0 29 | 22 26 | 0 1 | 20 22 | 0 41 | 15 46 | 7 36 | 18 42 | 18 39 | 10 55 | 3 49 | 5 35 |
| W19 | 19 16 | 18 13 | 4 12 | 18 52 | 0 4 | 25 49 | 3 3 | 21 41 | 0 23 | 19 20 | 1 7 | 19 48 | 0 29 | 22 26 | 0 1 | 20 22 | 0 41 | 15 46 | 7 36 | 18 42 | 18 38 | 10 53 | 3 49 | 5 35 |
| T 20 | 19 30 | 15 12 | 4 52 | 19 21 | 0s 3 | 25 42 | 3 3 | 21 49 | 0 24 | 19 18 | 1 7 | 19 47 | 0 29 | 22 27 | 0 1 | 20 22 | 0 41 | 15 46 | 7 36 | 18 42 | 18 38 | 10 51 | 3 50 | 5 34 |
| F 21 | 19 44 | 11 19 | 5 13 | 19 50 | 0 10 | 25 36 | 3 3 | 21 57 | 0 24 | 19 17 | 1 6 | 19 46 | 0 29 | 22 27 | 0 1 | 20 22 | 0 41 | 15 46 | 7 36 | 18 42 | 18 37 | 10 49 | 3 50 | 5 34 |
| S 22 | 19 57 | 6 47 | 5 16 | 20 17 | 0 17 | 25 28 | 3 4 | 22 4 | 0 25 | 19 15 | 1 6 | 19 45 | 0 29 | 22 28 | 0 1 | 20 22 | 0 41 | 15 46 | 7 37 | 18 42 | 18 36 | 10 47 | 3 50 | 5 34 |
| S 23 | 20 10 | 1 56 | 4 59 | 20 44 | 0 23 | 25 20 | 3 3 | 22 11 | 0 26 | 19 14 | 1 6 | 19 44 | 0 29 | 22 28 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 42 | 18 35 | 10 45 | 3 50 | 5 33 |
| M24 | 20 22 | 2n59 | 4 25 | 21 9 | 0 30 | 25 11 | 3 3 | 22 18 | 0 26 | 19 12 | 1 6 | 19 43 | 0 29 | 22 29 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 42 | 18 34 | 10 43 | 3 51 | 5 33 |
| T 25 | 20 34 | 7 43 | 3 35 | 21 33 | 0 36 | 25 2 | 3 3 | 22 25 | 0 27 | 19 11 | 1 6 | 19 42 | 0 29 | 22 29 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 42 | 18 34 | 10 41 | 3 51 | 5 32 |
| W26 | 20 46 | 11 59 | 2 34 | 21 57 | 0 43 | 24 52 | 3 2 | 22 32 | 0 27 | 19 9 | 1 6 | 19 41 | 0 29 | 22 29 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 43 | 18 33 | 10 39 | 3 51 | 5 32 |
| T 27 | 20 57 | 15 35 | 1 26 | 22 19 | 0 49 | 24 42 | 3 2 | 22 38 | 0 28 | 19 7 | 1 6 | 19 40 | 0 29 | 22 30 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 43 | 18 32 | 10 37 | 3 51 | 5 31 |
| F 28 | 21 8 | 18 19 | 0 13 | 22 40 | 0 55 | 24 31 | 3 1 | 22 44 | 0 28 | 19 6 | 1 6 | 19 39 | 0 29 | 22 30 | 0 1 | 20 23 | 0 41 | 15 46 | 7 37 | 18 43 | 18 31 | 10 35 | 3 51 | 5 31 |
| S 29 | 21 19 | 20 3 | 0s59 | 23 0 | 1 1 | 24 19 | 3 0 | 22 50 | 0 29 | 19 4 | 1 5 | 19 37 | 0 29 | 22 31 | 0 1 | 20 24 | 0 41 | 15 46 | 7 37 | 18 43 | 18 30 | 10 33 | 3 51 | 5 31 |
| S 30 | 21s29 | 20n42 | 2s 6 | 23s19 | 1s 7 | 24s 7 | 2s59 | 22s56 | 0s29 | 19n 3 | 1s 5 | 19s36 | 0s29 | 22s31 | 0n 1 | 20n24 | 0s41 | 15n46 | 7s37 | 18s42 | 18s30 | 10n30 | 3s52 | 5n30 |

Julian Day Number = 2599041.5, Delta T = 08m50s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'10, Lahiri = 29°30'11


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# ASTRODIENST EPHEMERIS for the year 2403
# geocentric

## DECEMBER 2403 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 38 19 | 8♐19'59 | 29♊56 | 13♐45 | 25♑29 | 14♐53 | 29°R54 | 4♒25 | 14♐56 | 25°R 6 | 1°R 5 | 23°R53 | 23♏ 0 | 18♌ 8 | 6♓52 | M 1 |
| T 2 | 4 42 15 | 9°20'36 | 12♋16 | 15°18 | 26°31 | 15°37 | 29♉46 | 4°30 | 15° 0 | 25♋ 5 | 1♋ 3 | 23♏51 | 22°57 | 18°15 | 6°53 | T 2 |
| W 3 | 4 46 12 | 10°21'16 | 24°25 | 16°51 | 27°33 | 16°20 | 29°38 | 4°35 | 15° 4 | 25° 3 | 1° 2 | 23°48 | 22°54 | 18°22 | 6°54 | W 3 |
| T 4 | 4 50 9 | 11°21'56 | 6♌25 | 18°25 | 28°34 | 17° 4 | 29°30 | 4°40 | 15° 7 | 25° 2 | 1° 1 | 23°46 | 22°50 | 18°29 | 6°55 | T 4 |
| F 5 | 4 54 5 | 12°22'39 | 18°19 | 19°58 | 29°34 | 17°48 | 29°22 | 4°45 | 15°11 | 25° 1 | 1° 0 | 23°43 | 22°47 | 18°35 | 6°56 | F 5 |
| S 6 | 4 58 2 | 13°23'22 | 0♍11 | 21°31 | 0♒35 | 18°32 | 29°14 | 4°50 | 15°15 | 25° 0 | 0°59 | 23°42 | 22°44 | 18°42 | 6°57 | S 6 |
| S 7 | 5 1 58 | 14°24'08 | 12° 5 | 23° 4 | 1°35 | 19°15 | 29° 7 | 4°56 | 15°18 | 24°59 | 0°58 | 23°D41 | 22°41 | 18°49 | 6°58 | S 7 |
| M 8 | 5 5 55 | 15°24'54 | 24° 7 | 24°36 | 2°34 | 19°59 | 28°59 | 5° 1 | 15°22 | 24°58 | 0°57 | 23°41 | 22°38 | 18°55 | 7° 0 | M 8 |
| T 9 | 5 9 51 | 16°25'43 | 6♎20 | 26° 9 | 3°33 | 20°43 | 28°52 | 5° 6 | 15°26 | 24°56 | 0°56 | 23°42 | 22°34 | 19° 2 | 7° 1 | T 9 |
| W10 | 5 13 48 | 17°26'32 | 18°50 | 27°42 | 4°32 | 21°27 | 28°44 | 5°12 | 15°29 | 24°55 | 0°55 | 23°44 | 22°31 | 19° 9 | 7° 2 | W10 |
| T 11 | 5 17 44 | 18°27'23 | 1♏40 | 29°14 | 5°30 | 22°11 | 28°37 | 5°18 | 15°33 | 24°54 | 0°53 | 23°46 | 22°28 | 19°16 | 7° 4 | T 11 |
| F 12 | 5 21 41 | 19°28'16 | 14°53 | 0♑47 | 6°28 | 22°55 | 28°30 | 5°23 | 15°37 | 24°53 | 0°52 | 23°47 | 22°25 | 19°22 | 7° 5 | F 12 |
| S 13 | 5 25 38 | 20°29'09 | 28°31 | 2°19 | 7°25 | 23°39 | 28°23 | 5°29 | 15°40 | 24°51 | 0°51 | 23°R47 | 22°22 | 19°29 | 7° 7 | S 13 |
| S 14 | 5 29 34 | 21°30'04 | 12♐32 | 3°51 | 8°22 | 24°24 | 28°16 | 5°35 | 15°44 | 24°50 | 0°50 | 23°46 | 22°19 | 19°36 | 7° 9 | S 14 |
| M15 | 5 33 31 | 22°31'00 | 26°54 | 5°23 | 9°18 | 25° 8 | 28° 9 | 5°40 | 15°48 | 24°49 | 0°49 | 23°43 | 22°15 | 19°43 | 7°10 | M15 |
| T 16 | 5 37 27 | 23°31'57 | 11♑30 | 6°55 | 10°13 | 25°52 | 28° 2 | 5°46 | 15°52 | 24°47 | 0°48 | 23°39 | 22°12 | 19°49 | 7°12 | T 16 |
| W17 | 5 41 24 | 24°32'54 | 26°14 | 8°26 | 11° 8 | 26°37 | 27°56 | 5°52 | 15°55 | 24°46 | 0°47 | 23°35 | 22° 9 | 19°56 | 7°14 | W17 |
| T 18 | 5 45 20 | 25°33'53 | 10♒59 | 9°58 | 12° 3 | 27°21 | 27°50 | 5°58 | 15°59 | 24°44 | 0°45 | 23°30 | 22° 6 | 20° 3 | 7°16 | T 18 |
| F 19 | 5 49 17 | 26°34'52 | 25°36 | 11°29 | 12°56 | 28° 5 | 27°43 | 6° 4 | 16° 3 | 24°43 | 0°44 | 23°26 | 22° 3 | 20° 9 | 7°18 | F 19 |
| S 20 | 5 53 13 | 27°35'51 | 10♓ 1 | 12°59 | 13°49 | 28°50 | 27°37 | 6°10 | 16° 6 | 24°42 | 0°43 | 23°23 | 22° 0 | 20°16 | 7°20 | S 20 |
| S 21 | 5 57 10 | 28°36'51 | 24°11 | 14°29 | 14°42 | 29°35 | 27°31 | 6°16 | 16°10 | 24°40 | 0°42 | 23°D22 | 21°56 | 20°23 | 7°22 | S 21 |
| M22 | 6 1 7 | 29°37'51 | 8♈ 3 | 15°58 | 15°33 | 0♑19 | 27°25 | 6°22 | 16°13 | 24°39 | 0°41 | 23°22 | 21°53 | 20°30 | 7°24 | M22 |
| T 23 | 6 5 3 | 0♑38'52 | 21°38 | 17°26 | 16°24 | 1° 4 | 27°20 | 6°29 | 16°17 | 24°37 | 0°39 | 23°23 | 21°50 | 20°36 | 7°26 | T 23 |
| W24 | 6 9 0 | 1°39'53 | 4♉57 | 18°54 | 17°14 | 1°48 | 27°14 | 6°35 | 16°21 | 24°36 | 0°38 | 23°25 | 21°47 | 20°43 | 7°28 | W24 |
| T 25 | 6 12 56 | 2°40'55 | 18° 1 | 20°20 | 18° 3 | 2°33 | 27° 9 | 6°41 | 16°24 | 24°34 | 0°37 | 23°R26 | 21°44 | 20°50 | 7°31 | T 25 |
| F 26 | 6 16 53 | 3°41'57 | 0♊53 | 21°45 | 18°52 | 3°18 | 27° 4 | 6°47 | 16°28 | 24°32 | 0°36 | 23°26 | 21°40 | 20°57 | 7°33 | F 26 |
| S 27 | 6 20 49 | 4°43'00 | 13°33 | 23° 9 | 19°39 | 4° 3 | 26°59 | 6°54 | 16°31 | 24°31 | 0°35 | 23°24 | 21°37 | 21° 3 | 7°35 | S 27 |
| S 28 | 6 24 46 | 5°44'03 | 26° 3 | 24°30 | 20°26 | 4°48 | 26°54 | 7° 0 | 16°35 | 24°29 | 0°34 | 23°20 | 21°34 | 21°10 | 7°38 | S 28 |
| M29 | 6 28 42 | 6°45'06 | 8♋23 | 25°50 | 21°11 | 5°33 | 26°49 | 7° 7 | 16°38 | 24°28 | 0°32 | 23°13 | 21°31 | 21°17 | 7°40 | M29 |
| T 30 | 6 32 39 | 7°46'10 | 20°35 | 27° 6 | 21°56 | 6°18 | 26°45 | 7°13 | 16°42 | 24°26 | 0°31 | 23° 5 | 21°28 | 21°23 | 7°43 | T 30 |
| W31 | 6 36 36 | 8♑47'15 | 2♌39 | 28♑20 | 22♒39 | 7♑ 3 | 26♉41 | 7♒20 | 16♐45 | 24♋24 | 0♋30 | 22♏56 | 21♏25 | 21♌30 | 7♓45 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s39 | 20n17 | 3s 6 | 23s36 | 1s13 | 23s54 | 2s58 | 23s 2 | 0s30 | 19n 1 | 1s 5 | 19s35 | 0s29 | 22s32 | 0n 1 | 20n24 | 0s41 | 15n46 | 7s37 | 18s42 | 18s29 | 10n28 | 3s52 | 5n30 |
| T 2 | 21 48 | 18 54 | 3 56 | 23 53 | 1 18 | 23 41 | 2 56 | 23 7 | 0 31 | 19 0 | 1 5 | 19 34 | 0 29 | 22 32 | 0 1 | 20 24 | 0 41 | 15 46 | 7 37 | 18 42 | 18 28 | 10 26 | 3 52 | 5 29 |
| W 3 | 21 57 | 16 40 | 4 35 | 24 8 | 1 24 | 23 28 | 2 55 | 23 12 | 0 31 | 18 58 | 1 5 | 19 33 | 0 29 | 22 32 | 0 1 | 20 24 | 0 41 | 15 46 | 7 37 | 18 41 | 18 27 | 10 24 | 3 52 | 5 29 |
| T 4 | 22 6 | 13 46 | 5 1 | 24 22 | 1 29 | 23 13 | 2 53 | 23 17 | 0 32 | 18 57 | 1 5 | 19 32 | 0 29 | 22 33 | 0 1 | 20 24 | 0 41 | 15 46 | 7 37 | 18 40 | 18 26 | 10 22 | 3 52 | 5 29 |
| F 5 | 22 14 | 10 19 | 5 14 | 24 34 | 1 34 | 22 59 | 2 51 | 23 22 | 0 32 | 18 55 | 1 5 | 19 30 | 0 29 | 22 33 | 0 1 | 20 25 | 0 41 | 15 46 | 7 37 | 18 40 | 18 26 | 10 20 | 3 52 | 5 28 |
| S 6 | 22 21 | 6 29 | 5 13 | 24 46 | 1 39 | 22 44 | 2 49 | 23 26 | 0 33 | 18 54 | 1 4 | 19 29 | 0 29 | 22 34 | 0 1 | 20 25 | 0 41 | 15 46 | 7 37 | 18 39 | 18 25 | 10 18 | 3 52 | 5 28 |
| S 7 | 22 29 | 2 24 | 4 59 | 24 56 | 1 44 | 22 28 | 2 47 | 23 30 | 0 33 | 18 52 | 1 4 | 19 28 | 0 29 | 22 34 | 0 1 | 20 25 | 0 41 | 15 46 | 7 37 | 18 39 | 18 24 | 10 16 | 3 52 | 5 27 |
| M 8 | 22 35 | 1s50 | 4 32 | 25 4 | 1 48 | 22 12 | 2 44 | 23 34 | 0 34 | 18 51 | 1 4 | 19 27 | 0 29 | 22 34 | 0 1 | 20 25 | 0 41 | 15 46 | 7 37 | 18 39 | 18 23 | 10 14 | 3 51 | 5 27 |
| T 9 | 22 42 | 6 4 | 3 52 | 25 12 | 1 52 | 21 56 | 2 41 | 23 38 | 0 34 | 18 49 | 1 4 | 19 25 | 0 29 | 22 35 | 0 1 | 20 25 | 0 41 | 15 46 | 7 37 | 18 39 | 18 22 | 10 12 | 3 51 | 5 27 |
| W10 | 22 48 | 10 9 | 3 1 | 25 18 | 1 56 | 21 39 | 2 38 | 23 41 | 0 35 | 18 48 | 1 4 | 19 24 | 0 30 | 22 35 | 0 1 | 20 26 | 0 41 | 15 46 | 7 37 | 18 40 | 18 22 | 10 10 | 3 51 | 5 26 |
| T 11 | 22 53 | 13 53 | 1 59 | 25 23 | 2 0 | 21 22 | 2 35 | 23 45 | 0 35 | 18 47 | 1 3 | 19 23 | 0 30 | 22 36 | 0 1 | 20 26 | 0 41 | 15 46 | 7 37 | 18 40 | 18 21 | 10 8 | 3 51 | 5 26 |
| F 12 | 22 58 | 17 3 | 0 49 | 25 26 | 2 3 | 21 4 | 2 32 | 23 48 | 0 36 | 18 45 | 1 3 | 19 22 | 0 30 | 22 36 | 0 1 | 20 26 | 0 41 | 15 46 | 7 37 | 18 41 | 18 20 | 10 5 | 3 51 | 5 25 |
| S 13 | 23 3 | 19 22 | 0n26 | 25 28 | 2 6 | 20 46 | 2 29 | 23 50 | 0 36 | 18 44 | 1 3 | 19 20 | 0 30 | 22 36 | 0 1 | 20 26 | 0 41 | 15 46 | 7 37 | 18 41 | 18 19 | 10 3 | 3 51 | 5 25 |
| S 14 | 23 7 | 20 35 | 1 41 | 25 29 | 2 9 | 20 28 | 2 25 | 23 53 | 0 37 | 18 42 | 1 3 | 19 19 | 0 30 | 22 37 | 0 1 | 20 27 | 0 41 | 15 46 | 7 37 | 18 40 | 18 18 | 10 1 | 3 50 | 5 25 |
| M15 | 23 10 | 20 30 | 2 51 | 25 28 | 2 11 | 20 9 | 2 21 | 23 55 | 0 37 | 18 41 | 1 3 | 19 17 | 0 30 | 22 37 | 0 1 | 20 27 | 0 41 | 15 46 | 7 37 | 18 40 | 18 18 | 9 59 | 3 50 | 5 24 |
| T 16 | 23 14 | 19 2 | 3 52 | 25 25 | 2 13 | 19 50 | 2 17 | 23 57 | 0 38 | 18 40 | 1 2 | 19 16 | 0 30 | 22 38 | 0 0 | 20 27 | 0 41 | 15 46 | 7 37 | 18 39 | 18 17 | 9 57 | 3 50 | 5 24 |
| W17 | 23 16 | 16 19 | 4 37 | 25 22 | 2 15 | 19 31 | 2 12 | 23 59 | 0 38 | 18 39 | 1 2 | 19 15 | 0 30 | 22 38 | 0 0 | 20 27 | 0 41 | 15 46 | 7 37 | 18 38 | 18 16 | 9 55 | 3 49 | 5 23 |
| T 18 | 23 19 | 12 33 | 5 5 | 25 16 | 2 16 | 19 11 | 2 8 | 24 0 | 0 39 | 18 37 | 1 2 | 19 13 | 0 30 | 22 38 | 0 0 | 20 28 | 0 41 | 15 46 | 7 37 | 18 36 | 18 15 | 9 53 | 3 49 | 5 23 |
| F 19 | 23 20 | 8 4 | 5 12 | 25 10 | 2 17 | 18 52 | 2 3 | 24 2 | 0 39 | 18 36 | 1 2 | 19 12 | 0 30 | 22 39 | 0 0 | 20 28 | 0 41 | 15 46 | 7 37 | 18 35 | 18 14 | 9 51 | 3 49 | 5 23 |
| S 20 | 23 22 | 3 10 | 4 59 | 25 2 | 2 17 | 18 31 | 1 58 | 24 3 | 0 40 | 18 35 | 1 2 | 19 10 | 0 30 | 22 39 | 0 0 | 20 28 | 0 41 | 15 46 | 7 37 | 18 35 | 18 13 | 9 49 | 3 48 | 5 22 |
| S 21 | 23 23 | 1n48 | 4 28 | 24 52 | 2 17 | 18 11 | 1 53 | 24 4 | 0 40 | 18 34 | 1 1 | 19 9 | 0 30 | 22 40 | 0 0 | 20 28 | 0 41 | 15 46 | 7 37 | 18 34 | 18 13 | 9 47 | 3 48 | 5 22 |
| M22 | 23 23 | 6 35 | 3 42 | 24 42 | 2 17 | 17 51 | 1 47 | 24 4 | 0 41 | 18 33 | 1 1 | 19 7 | 0 30 | 22 40 | 0 0 | 20 29 | 0 41 | 15 46 | 7 37 | 18 34 | 18 12 | 9 44 | 3 47 | 5 22 |
| T 23 | 23 23 | 10 57 | 2 44 | 24 29 | 2 15 | 17 30 | 1 42 | 24 4 | 0 41 | 18 32 | 1 1 | 19 6 | 0 30 | 22 40 | 0 0 | 20 29 | 0 41 | 15 46 | 7 37 | 18 35 | 18 11 | 9 42 | 3 47 | 5 21 |
| W24 | 23 22 | 14 42 | 1 39 | 24 16 | 2 14 | 17 9 | 1 36 | 24 4 | 0 42 | 18 31 | 1 1 | 19 4 | 0 30 | 22 41 | 0 0 | 20 29 | 0 41 | 15 47 | 7 36 | 18 35 | 18 10 | 9 40 | 3 47 | 5 21 |
| T 25 | 23 21 | 17 38 | 0 29 | 24 1 | 2 11 | 16 48 | 1 29 | 24 4 | 0 42 | 18 30 | 1 0 | 19 3 | 0 30 | 22 41 | 0 0 | 20 29 | 0 41 | 15 47 | 7 36 | 18 35 | 18 9 | 9 38 | 3 46 | 5 21 |
| F 26 | 23 20 | 19 38 | 0s40 | 23 44 | 2 8 | 16 27 | 1 23 | 24 4 | 0 43 | 18 29 | 1 0 | 19 1 | 0 30 | 22 42 | 0 0 | 20 30 | 0 41 | 15 47 | 7 36 | 18 35 | 18 9 | 9 36 | 3 46 | 5 20 |
| S 27 | 23 18 | 20 36 | 1 47 | 23 27 | 2 4 | 16 6 | 1 16 | 24 3 | 0 43 | 18 28 | 1 0 | 19 0 | 0 30 | 22 42 | 0 0 | 20 30 | 0 41 | 15 47 | 7 36 | 18 35 | 18 8 | 9 34 | 3 45 | 5 20 |
| S 28 | 23 16 | 20 32 | 2 47 | 23 8 | 2 0 | 15 44 | 1 9 | 24 2 | 0 44 | 18 27 | 1 0 | 18 58 | 0 30 | 22 42 | 0 0 | 20 30 | 0 41 | 15 47 | 7 36 | 18 34 | 18 7 | 9 32 | 3 44 | 5 19 |
| M29 | 23 13 | 19 29 | 3 39 | 22 49 | 1 55 | 15 23 | 1 2 | 24 0 | 0 44 | 18 26 | 0 59 | 18 56 | 0 30 | 22 43 | 0 0 | 20 31 | 0 41 | 15 47 | 7 36 | 18 32 | 18 6 | 9 30 | 3 44 | 5 19 |
| T 30 | 23 9 | 17 32 | 4 20 | 22 28 | 1 49 | 15 1 | 0 54 | 23 59 | 0 45 | 18 26 | 0 59 | 18 55 | 0 30 | 22 43 | 0 0 | 20 31 | 0 41 | 15 47 | 7 36 | 18 30 | 18 5 | 9 28 | 3 43 | 5 19 |
| W31 | 23s 6 | 14n51 | 4s48 | 22s 6 | 1s41 | 14s40 | 0s47 | 23s57 | 0s45 | 18n25 | 0s59 | 18s53 | 0s30 | 22s43 | 0n 0 | 20n31 | 0s41 | 15n47 | 7s36 | 18s28 | 18s 4 | 9n25 | 3s43 | 5n18 |

Julian Day Number = 2599071.5, Delta T = 08m50s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'14, Lahiri = 29°30'15


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## JANUARY 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 40 32 | 9♑48'20 | 14♘36 | 29♑30 | 23♒22 | 7♑48 | 26°R37 | 7♒26 | 16♐49 | 24°R23 | 0°R29 | 22°R47 | 21♏21 | 21♘37 | 7♓48 | T 1 |
| F 2 | 6 44 29 | 10°49'25 | 26°29 | 0♒35 | 24° 3 | 8°33 | 26♉33 | 7°33 | 16°52 | 24♋21 | 0♋28 | 22♏38 | 21°18 | 21°44 | 7°51 | F 2 |
| S 3 | 6 48 25 | 11°50'31 | 8♍20 | 1°36 | 24°43 | 9°18 | 26°29 | 7°40 | 16°56 | 24°20 | 0°27 | 22°31 | 21°15 | 21°50 | 7°53 | S 3 |
| S 4 | 6 52 22 | 12°51'37 | 20°12 | 2°32 | 25°22 | 10° 3 | 26°25 | 7°46 | 16°59 | 24°18 | 0°25 | 22°26 | 21°12 | 21°57 | 7°56 | S 4 |
| M 5 | 6 56 18 | 13°52'44 | 2♎11 | 3°21 | 25°59 | 10°48 | 26°22 | 7°53 | 17° 3 | 24°16 | 0°24 | 22°23 | 21° 9 | 22° 4 | 7°59 | M 5 |
| T 6 | 7 0 15 | 14°53'51 | 14°19 | 4° 2 | 26°36 | 11°34 | 26°19 | 8° 0 | 17° 6 | 24°15 | 0°23 | 22°D22 | 21° 6 | 22°11 | 8° 2 | T 6 |
| W 7 | 7 4 11 | 15°54'59 | 26°44 | 4°36 | 27°10 | 12°19 | 26°16 | 8° 6 | 17° 9 | 24°13 | 0°22 | 22°22 | 21° 2 | 22°17 | 8° 5 | W 7 |
| T 8 | 7 8 8 | 16°56'08 | 9♏29 | 5° 0 | 27°44 | 13° 5 | 26°13 | 8°13 | 17°13 | 24°11 | 0°21 | 22°23 | 20°59 | 22°24 | 8° 8 | T 8 |
| F 9 | 7 12 5 | 17°57'16 | 22°38 | 5°14 | 28°16 | 13°50 | 26°11 | 8°20 | 17°16 | 24°10 | 0°20 | 22°R24 | 20°56 | 22°31 | 8°11 | F 9 |
| S 10 | 7 16 1 | 18°58'25 | 6♐16 | 5°R18 | 28°46 | 14°35 | 26° 9 | 8°27 | 17°19 | 24° 8 | 0°19 | 22°23 | 20°53 | 22°37 | 8°14 | S 10 |
| S 11 | 7 19 58 | 19°59'35 | 20°22 | 5°10 | 29°15 | 15°21 | 26° 6 | 8°34 | 17°23 | 24° 6 | 0°18 | 22°20 | 20°50 | 22°44 | 8°17 | S 11 |
| M12 | 7 23 54 | 21° 0'44 | 4♑55 | 4°51 | 29°42 | 16° 7 | 26° 4 | 8°41 | 17°26 | 24° 4 | 0°16 | 22°14 | 20°46 | 22°51 | 8°20 | M12 |
| T 13 | 7 27 51 | 22° 1'54 | 19°50 | 4°19 | 0♓ 7 | 16°52 | 26° 3 | 8°48 | 17°29 | 24° 3 | 0°15 | 22° 6 | 20°43 | 22°58 | 8°23 | T 13 |
| W14 | 7 31 47 | 23° 3'03 | 4♒58 | 3°37 | 0°31 | 17°38 | 26° 1 | 8°55 | 17°32 | 24° 1 | 0°14 | 21°57 | 20°40 | 23° 4 | 8°26 | W14 |
| T 15 | 7 35 44 | 24° 4'12 | 20° 9 | 2°43 | 0°53 | 18°24 | 26° 0 | 9° 2 | 17°36 | 23°59 | 0°13 | 21°47 | 20°37 | 23°11 | 8°29 | T 15 |
| F 16 | 7 39 41 | 25° 5'21 | 5♓11 | 1°40 | 1°12 | 19° 9 | 25°59 | 9° 9 | 17°39 | 23°58 | 0°12 | 21°38 | 20°34 | 23°18 | 8°33 | F 16 |
| S 17 | 7 43 37 | 26° 6'30 | 19°57 | 0°29 | 1°30 | 19°55 | 25°58 | 9°16 | 17°42 | 23°56 | 0°11 | 21°31 | 20°31 | 23°24 | 8°36 | S 17 |
| S 18 | 7 47 34 | 27° 7'38 | 4♈21 | 29♑13 | 1°46 | 20°41 | 25°57 | 9°23 | 17°45 | 23°54 | 0°10 | 21°26 | 20°27 | 23°31 | 8°39 | S 18 |
| M19 | 7 51 30 | 28° 8'45 | 18°19 | 27°54 | 1°59 | 21°27 | 25°57 | 9°30 | 17°48 | 23°53 | 0° 9 | 21°24 | 20°24 | 23°38 | 8°43 | M19 |
| T 20 | 7 55 27 | 29° 9'52 | 1♉53 | 26°34 | 2°11 | 22°13 | 25°57 | 9°37 | 17°51 | 23°51 | 0° 8 | 21°D23 | 20°21 | 23°45 | 8°46 | T 20 |
| W21 | 7 59 23 | 0♒10'58 | 15° 4 | 25°17 | 2°20 | 22°59 | 25°D57 | 9°44 | 17°54 | 23°49 | 0° 7 | 21°R24 | 20°18 | 23°51 | 8°50 | W21 |
| T 22 | 8 3 20 | 1°12'03 | 27°56 | 24° 3 | 2°26 | 23°45 | 25°57 | 9°51 | 17°57 | 23°48 | 0° 6 | 21°24 | 20°15 | 23°58 | 8°53 | T 22 |
| F 23 | 8 7 16 | 2°13'08 | 10♊33 | 22°56 | 2°31 | 24°31 | 25°57 | 9°58 | 18° 0 | 23°46 | 0° 5 | 21°22 | 20°12 | 24° 5 | 8°57 | F 23 |
| S 24 | 8 11 13 | 3°14'12 | 22°57 | 21°56 | 2°R33 | 25°17 | 25°58 | 10° 5 | 18° 3 | 23°44 | 0° 4 | 21°18 | 20° 8 | 24°12 | 9° 0 | S 24 |
| S 25 | 8 15 10 | 4°15'16 | 5♋11 | 21° 5 | 2°32 | 26° 3 | 25°59 | 10°12 | 18° 5 | 23°43 | 0° 3 | 21°11 | 20° 5 | 24°18 | 9° 4 | S 25 |
| M26 | 8 19 6 | 5°16'19 | 17°19 | 20°23 | 2°29 | 26°49 | 26° 0 | 10°19 | 18° 8 | 23°41 | 0° 2 | 21° 1 | 20° 2 | 24°25 | 9° 7 | M26 |
| T 27 | 8 23 3 | 6°17'21 | 29°20 | 19°51 | 2°24 | 27°35 | 26° 1 | 10°26 | 18°11 | 23°39 | 0° 1 | 20°48 | 19°59 | 24°32 | 9°11 | T 27 |
| W28 | 8 26 59 | 7°18'22 | 11♘18 | 19°28 | 2°15 | 28°21 | 26° 2 | 10°33 | 18°14 | 23°38 | 0° 0 | 20°34 | 19°56 | 24°38 | 9°15 | W28 |
| T 29 | 8 30 56 | 8°19'23 | 23°12 | 19°14 | 2° 5 | 29° 7 | 26° 4 | 10°41 | 18°16 | 23°36 | 29♊59 | 20°19 | 19°52 | 24°45 | 9°18 | T 29 |
| F 30 | 8 34 52 | 9°20'23 | 5♍ 4 | 19°D 8 | 1°52 | 29°53 | 26° 6 | 10°48 | 18°19 | 23°34 | 29°59 | 20° 5 | 19°49 | 24°52 | 9°22 | F 30 |
| S 31 | 8 38 49 | 10♒21'23 | 16♍56 | 19♑11 | 1♓36 | 0♒40 | 26♉ 8 | 10♒55 | 18♐22 | 23♋33 | 29♊58 | 19♏53 | 19♏46 | 24♘59 | 9♓26 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 1 | 11n34 | 5s 4 | 21s44 | 1s33 | 14s18 | 0s38 | 23s55 | 0s46 | 18n24 | 0s59 | 18s52 | 0s30 | 22s44 | 0n 0 | 20n31 | 0s41 | 15n47 | 7s36 | 18s26 | 18s 4 | 9n23 | 3s42 | 5n18 |
| F 2 | 22 57 | 7 51 | 5 6 | 21 21 | 1 24 | 13 57 | 0 30 | 23 53 | 0 46 | 18 24 | 0 58 | 18 50 | 0 31 | 22 44 | 0 0 | 20 32 | 0 41 | 15 47 | 7 36 | 18 23 | 18 3 | 9 21 | 3 41 | 5 18 |
| S 3 | 22 52 | 3 51 | 4 56 | 20 58 | 1 14 | 13 35 | 0 21 | 23 50 | 0 47 | 18 23 | 0 58 | 18 48 | 0 31 | 22 44 | 0 0 | 20 32 | 0 41 | 15 47 | 7 36 | 18 21 | 18 2 | 9 19 | 3 41 | 5 17 |
| S 4 | 22 46 | 0s18 | 4 32 | 20 35 | 1 3 | 13 14 | 0 12 | 23 47 | 0 47 | 18 22 | 0 58 | 18 47 | 0 31 | 22 45 | 0 0 | 20 32 | 0 41 | 15 47 | 7 36 | 18 20 | 18 1 | 9 17 | 3 40 | 5 17 |
| M 5 | 22 40 | 4 29 | 3 56 | 20 11 | 0 51 | 12 53 | 0 3 | 23 44 | 0 48 | 18 22 | 0 58 | 18 45 | 0 31 | 22 45 | 0 0 | 20 33 | 0 41 | 15 47 | 7 36 | 18 19 | 18 0 | 9 15 | 3 39 | 5 17 |
| T 6 | 22 33 | 8 33 | 3 10 | 19 49 | 0 38 | 12 31 | 0n 6 | 23 41 | 0 48 | 18 21 | 0 57 | 18 43 | 0 31 | 22 45 | 0 0 | 20 33 | 0 41 | 15 48 | 7 36 | 18 19 | 17 59 | 9 13 | 3 38 | 5 16 |
| W 7 | 22 26 | 12 21 | 2 13 | 19 27 | 0 23 | 12 10 | 0 16 | 23 37 | 0 49 | 18 21 | 0 57 | 18 42 | 0 31 | 22 46 | 0 0 | 20 33 | 0 41 | 15 48 | 7 35 | 18 19 | 17 59 | 9 11 | 3 38 | 5 16 |
| T 8 | 22 19 | 15 42 | 1 9 | 19 6 | 0 7 | 11 49 | 0 26 | 23 33 | 0 49 | 18 21 | 0 57 | 18 40 | 0 31 | 22 46 | 0 0 | 20 33 | 0 41 | 15 48 | 7 35 | 18 20 | 17 58 | 9 9 | 3 37 | 5 16 |
| F 9 | 22 11 | 18 22 | 0n 1 | 18 46 | 0n 9 | 11 29 | 0 37 | 23 29 | 0 49 | 18 20 | 0 56 | 18 38 | 0 31 | 22 46 | 0 0 | 20 34 | 0 41 | 15 48 | 7 35 | 18 20 | 17 57 | 9 6 | 3 36 | 5 16 |
| S 10 | 22 3 | 20 6 | 1 14 | 18 28 | 0 27 | 11 8 | 0 47 | 23 25 | 0 50 | 18 20 | 0 56 | 18 36 | 0 31 | 22 47 | 0 0 | 20 34 | 0 41 | 15 48 | 7 35 | 18 19 | 17 56 | 9 4 | 3 35 | 5 15 |
| S 11 | 21 54 | 20 39 | 2 24 | 18 12 | 0 45 | 10 48 | 0 58 | 23 20 | 0 50 | 18 20 | 0 56 | 18 35 | 0 31 | 22 47 | 0 0 | 20 34 | 0 41 | 15 48 | 7 35 | 18 19 | 17 55 | 9 2 | 3 34 | 5 15 |
| M12 | 21 45 | 19 51 | 3 27 | 17 58 | 1 4 | 10 28 | 1 10 | 23 15 | 0 51 | 18 20 | 0 56 | 18 33 | 0 31 | 22 47 | 0 0 | 20 35 | 0 41 | 15 48 | 7 35 | 18 17 | 17 54 | 9 0 | 3 33 | 5 15 |
| T 13 | 21 35 | 17 41 | 4 17 | 17 47 | 1 23 | 10 8 | 1 21 | 23 10 | 0 51 | 18 20 | 0 55 | 18 31 | 0 31 | 22 48 | 0 0 | 20 35 | 0 41 | 15 48 | 7 35 | 18 15 | 17 54 | 8 58 | 3 33 | 5 14 |
| W14 | 21 25 | 14 17 | 4 50 | 17 39 | 1 42 | 9 49 | 1 33 | 23 5 | 0 52 | 18 19 | 0 55 | 18 29 | 0 31 | 22 48 | 0 0 | 20 35 | 0 41 | 15 48 | 7 35 | 18 13 | 17 53 | 8 56 | 3 32 | 5 14 |
| T 15 | 21 15 | 9 56 | 5 3 | 17 33 | 2 1 | 9 30 | 1 45 | 22 59 | 0 52 | 18 19 | 0 55 | 18 28 | 0 31 | 22 48 | 0 0 | 20 36 | 0 41 | 15 48 | 7 35 | 18 10 | 17 52 | 8 54 | 3 31 | 5 14 |
| F 16 | 21 4 | 5 0 | 4 55 | 17 30 | 2 18 | 9 11 | 1 58 | 22 53 | 0 52 | 18 19 | 0 55 | 18 26 | 0 31 | 22 49 | 0 0 | 20 36 | 0 41 | 15 49 | 7 35 | 18 8 | 17 51 | 8 52 | 3 30 | 5 14 |
| S 17 | 20 53 | 0n 8 | 4 27 | 17 29 | 2 35 | 8 53 | 2 11 | 22 47 | 0 53 | 18 19 | 0 54 | 18 24 | 0 31 | 22 49 | 0 0 | 20 36 | 0 41 | 15 49 | 7 34 | 18 6 | 17 50 | 8 50 | 3 29 | 5 13 |
| S 18 | 20 41 | 5 8 | 3 43 | 17 31 | 2 49 | 8 35 | 2 24 | 22 40 | 0 53 | 18 20 | 0 54 | 18 22 | 0 31 | 22 49 | 0 0 | 20 36 | 0 41 | 15 49 | 7 34 | 18 5 | 17 49 | 8 47 | 3 28 | 5 13 |
| M19 | 20 29 | 9 44 | 2 46 | 17 34 | 3 1 | 8 18 | 2 37 | 22 34 | 0 54 | 18 20 | 0 54 | 18 20 | 0 31 | 22 49 | 0 0 | 20 37 | 0 41 | 15 49 | 7 34 | 18 4 | 17 49 | 8 45 | 3 27 | 5 13 |
| T 20 | 20 17 | 13 42 | 1 42 | 17 40 | 3 11 | 8 1 | 2 51 | 22 27 | 0 54 | 18 20 | 0 53 | 18 19 | 0 32 | 22 50 | 0 0 | 20 37 | 0 41 | 15 49 | 7 34 | 18 4 | 17 48 | 8 43 | 3 26 | 5 12 |
| W21 | 20 4 | 16 51 | 0 34 | 17 46 | 3 19 | 7 45 | 3 4 | 22 20 | 0 54 | 18 20 | 0 53 | 18 17 | 0 32 | 22 50 | 0 0 | 20 37 | 0 41 | 15 49 | 7 34 | 18 4 | 17 47 | 8 41 | 3 25 | 5 12 |
| T 22 | 19 51 | 19 6 | 0s35 | 17 54 | 3 24 | 7 30 | 3 18 | 22 12 | 0 55 | 18 21 | 0 53 | 18 15 | 0 32 | 22 50 | 0 0 | 20 38 | 0 41 | 15 49 | 7 34 | 18 4 | 17 46 | 8 39 | 3 24 | 5 12 |
| F 23 | 19 37 | 20 20 | 1 40 | 18 3 | 3 26 | 7 15 | 3 32 | 22 5 | 0 55 | 18 21 | 0 53 | 18 13 | 0 32 | 22 51 | 0 0 | 20 38 | 0 41 | 15 49 | 7 34 | 18 4 | 17 45 | 8 37 | 3 23 | 5 12 |
| S 24 | 19 23 | 20 33 | 2 39 | 18 13 | 3 26 | 7 1 | 3 47 | 21 57 | 0 56 | 18 21 | 0 52 | 18 11 | 0 32 | 22 51 | 0 0 | 20 38 | 0 41 | 15 50 | 7 33 | 18 3 | 17 44 | 8 35 | 3 22 | 5 11 |
| S 25 | 19 9 | 19 47 | 3 30 | 18 23 | 3 24 | 6 47 | 4 1 | 21 48 | 0 56 | 18 22 | 0 52 | 18 9 | 0 32 | 22 51 | 0 0 | 20 39 | 0 41 | 15 50 | 7 33 | 18 1 | 17 43 | 8 33 | 3 20 | 5 11 |
| M26 | 18 54 | 18 8 | 4 10 | 18 33 | 3 20 | 6 35 | 4 16 | 21 40 | 0 56 | 18 22 | 0 52 | 18 8 | 0 32 | 22 51 | 0 0 | 20 39 | 0 41 | 15 50 | 7 33 | 17 58 | 17 43 | 8 30 | 3 19 | 5 11 |
| T 27 | 18 40 | 15 41 | 4 40 | 18 43 | 3 14 | 6 23 | 4 31 | 21 31 | 0 57 | 18 23 | 0 52 | 18 6 | 0 32 | 22 52 | 0 0 | 20 39 | 0 41 | 15 50 | 7 33 | 17 55 | 17 42 | 8 28 | 3 18 | 5 11 |
| W28 | 18 24 | 12 36 | 4 56 | 18 53 | 3 7 | 6 12 | 4 45 | 21 23 | 0 57 | 18 23 | 0 51 | 18 4 | 0 32 | 22 52 | 0 0 | 20 39 | 0 41 | 15 50 | 7 33 | 17 51 | 17 41 | 8 26 | 3 17 | 5 11 |
| T 29 | 18 9 | 9 2 | 4 59 | 19 3 | 2 59 | 6 2 | 5 0 | 21 13 | 0 57 | 18 24 | 0 51 | 18 2 | 0 32 | 22 52 | 0 0 | 20 40 | 0 41 | 15 50 | 7 33 | 17 47 | 17 40 | 8 24 | 3 16 | 5 10 |
| F 30 | 17 53 | 5 8 | 4 50 | 19 12 | 2 51 | 5 53 | 5 15 | 21 4 | 0 58 | 18 25 | 0 51 | 18 0 | 0 32 | 22 52 | 0 0 | 20 40 | 0 41 | 15 51 | 7 33 | 17 43 | 17 39 | 8 22 | 3 15 | 5 10 |
| S 31 | 17s36 | 1n 2 | 4s28 | 19s22 | 2n41 | 5s45 | 5n29 | 20s54 | 0s58 | 18n25 | 0s50 | 17s58 | 0s32 | 22s53 | 0n 0 | 20n40 | 0s41 | 15n51 | 7s32 | 17s40 | 17s38 | 8n20 | 3s13 | 5n10 |

Julian Day Number = 2599102.5, Delta T = 08m50s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'18, Lahiri = 29°30'19


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## FEBRUARY 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 42 45 | 11♒22'22 | 28♍50 | 19♉22 | 1°R18 | 1♒26 | 26♉10 | 11♒ 2 | 18♐24 | 23°R31 | 29°R57 | 19°R44 | 19♏43 | 25♌ 5 | 9♓30 | S 1 |
| M 2 | 8 46 42 | 12°23'20 | 10♎48 | 19°39 | 0♓57 | 2°12 | 26°12 | 11° 9 | 18°27 | 23♋29 | 29♊56 | 19♏37 | 19°40 | 25°12 | 9°34 | M 2 |
| T 3 | 8 50 39 | 13°24'18 | 22°56 | 20° 3 | 0°35 | 2°59 | 26°15 | 11°16 | 18°29 | 23°28 | 29°55 | 19°34 | 19°37 | 25°19 | 9°37 | T 3 |
| W 4 | 8 54 35 | 14°25'15 | 5♏16 | 20°33 | 0°10 | 3°45 | 26°18 | 11°23 | 18°32 | 23°26 | 29°54 | 19°32 | 19°33 | 25°25 | 9°41 | W 4 |
| T 5 | 8 58 32 | 15°26'12 | 17°55 | 21° 8 | 29♒43 | 4°32 | 26°21 | 11°30 | 18°34 | 23°25 | 29°54 | 19°32 | 19°30 | 25°32 | 9°45 | T 5 |
| F 6 | 9 2 28 | 16°27'08 | 0♐57 | 21°48 | 29°14 | 5°18 | 26°24 | 11°38 | 18°37 | 23°23 | 29°53 | 19°32 | 19°27 | 25°39 | 9°49 | F 6 |
| S 7 | 9 6 25 | 17°28'04 | 14°26 | 22°33 | 28°43 | 6° 5 | 26°27 | 11°45 | 18°39 | 23°22 | 29°52 | 19°30 | 19°24 | 25°46 | 9°53 | S 7 |
| S 8 | 9 10 21 | 18°28'59 | 28°24 | 23°22 | 28°11 | 6°51 | 26°31 | 11°52 | 18°41 | 23°20 | 29°51 | 19°26 | 19°21 | 25°52 | 9°57 | S 8 |
| M 9 | 9 14 18 | 19°29'53 | 12♑52 | 24°14 | 27°37 | 7°38 | 26°35 | 11°59 | 18°44 | 23°19 | 29°51 | 19°20 | 19°18 | 25°59 | 10° 1 | M 9 |
| T 10 | 9 18 14 | 20°30'46 | 27°47 | 25°10 | 27° 2 | 8°24 | 26°39 | 12° 6 | 18°46 | 23°17 | 29°50 | 19°11 | 19°14 | 26° 6 | 10° 5 | T 10 |
| W11 | 9 22 11 | 21°31'38 | 13♒ 0 | 26° 8 | 26°27 | 9°11 | 26°43 | 12°13 | 18°48 | 23°16 | 29°49 | 18°59 | 19°11 | 26°13 | 10° 9 | W11 |
| T 12 | 9 26 8 | 22°32'29 | 28°22 | 27°10 | 25°50 | 9°57 | 26°47 | 12°20 | 18°50 | 23°14 | 29°49 | 18°47 | 19° 8 | 26°19 | 10°13 | T 12 |
| F 13 | 9 30 4 | 23°33'19 | 13♓41 | 28°14 | 25°13 | 10°44 | 26°52 | 12°27 | 18°52 | 23°13 | 29°48 | 18°36 | 19° 5 | 26°26 | 10°17 | F 13 |
| S 14 | 9 34 1 | 24°34'08 | 28°44 | 29°20 | 24°36 | 11°31 | 26°56 | 12°34 | 18°54 | 23°11 | 29°47 | 18°27 | 19° 2 | 26°33 | 10°21 | S 14 |
| S 15 | 9 37 57 | 25°34'55 | 13♈24 | 0♒29 | 23°59 | 12°18 | 27° 1 | 12°41 | 18°56 | 23°10 | 29°47 | 18°21 | 18°58 | 26°39 | 10°25 | S 15 |
| M16 | 9 41 54 | 26°35'41 | 27°36 | 1°39 | 23°22 | 13° 4 | 27° 6 | 12°48 | 18°58 | 23° 9 | 29°46 | 18°18 | 18°55 | 26°46 | 10°29 | M16 |
| T 17 | 9 45 50 | 27°36'25 | 11♉19 | 2°52 | 22°46 | 13°51 | 27°11 | 12°55 | 19° 0 | 23° 7 | 29°46 | 18°16 | 18°52 | 26°53 | 10°33 | T 17 |
| W18 | 9 49 47 | 28°37'08 | 24°35 | 4° 6 | 22°10 | 14°38 | 27°17 | 13° 2 | 19° 2 | 23° 6 | 29°45 | 18°16 | 18°49 | 27° 0 | 10°37 | W18 |
| T 19 | 9 53 43 | 29°37'49 | 7♊27 | 5°21 | 21°36 | 15°25 | 27°22 | 13° 9 | 19° 4 | 23° 5 | 29°44 | 18°16 | 18°46 | 27° 6 | 10°41 | T 19 |
| F 20 | 9 57 40 | 0♓38'28 | 19°59 | 6°39 | 21° 3 | 16°11 | 27°28 | 13°16 | 19° 5 | 23° 3 | 29°44 | 18°15 | 18°43 | 27°13 | 10°45 | F 20 |
| S 21 | 10 1 37 | 1°39'06 | 2♋16 | 7°57 | 20°31 | 16°58 | 27°34 | 13°23 | 19° 7 | 23° 2 | 29°43 | 18°11 | 18°39 | 27°20 | 10°50 | S 21 |
| S 22 | 10 5 33 | 2°39'43 | 14°23 | 9°17 | 20° 0 | 17°45 | 27°40 | 13°30 | 19° 9 | 23° 1 | 29°43 | 18° 4 | 18°36 | 27°27 | 10°54 | S 22 |
| M23 | 10 9 30 | 3°40'17 | 26°22 | 10°39 | 19°32 | 18°32 | 27°47 | 13°37 | 19°10 | 23° 0 | 29°43 | 17°55 | 18°33 | 27°33 | 10°58 | M23 |
| T 24 | 10 13 26 | 4°40'50 | 8♌17 | 12° 1 | 19° 6 | 19°19 | 27°53 | 13°44 | 19°12 | 22°59 | 29°42 | 17°43 | 18°30 | 27°40 | 11° 2 | T 24 |
| W25 | 10 17 23 | 5°41'22 | 20°10 | 13°25 | 18°41 | 20° 6 | 28° 0 | 13°51 | 19°14 | 22°57 | 29°42 | 17°30 | 18°27 | 27°47 | 11° 6 | W25 |
| T 26 | 10 21 19 | 6°41'51 | 2♍ 2 | 14°50 | 18°19 | 20°53 | 28° 6 | 13°57 | 19°15 | 22°56 | 29°41 | 17°16 | 18°23 | 27°53 | 11°10 | T 26 |
| F 27 | 10 25 16 | 7°42'20 | 13°55 | 16°16 | 17°59 | 21°40 | 28°13 | 14° 4 | 19°16 | 22°55 | 29°41 | 17° 2 | 18°20 | 28° 0 | 11°14 | F 27 |
| S 28 | 10 29 12 | 8°42'46 | 25°51 | 17°43 | 17°42 | 22°26 | 28°20 | 14°11 | 19°18 | 22°54 | 29°41 | 16°51 | 18°17 | 28° 7 | 11°19 | S 28 |
| S 29 | 10 33 9 | 9♓43'11 | 7♎50 | 19♒12 | 17♒27 | 23♒13 | 28♉27 | 14♒17 | 19♐19 | 22♋53 | 29♊40 | 16♏42 | 18♏14 | 28♌14 | 11♓23 | S 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 17s20 | 3s 7 | 3s54 | 19s30 | 2n31 | 5s38 | 5n43 | 20s45 | 0s58 | 18n26 | 0s50 | 17s56 | 0s32 | 22s53 | 0n 0 | 20n41 | 0s41 | 15n51 | 7s32 | 17s38 | 17s37 | 8n18 | 3s12 | 5n10 | S 1 |
| M 2 | 17 3 | 7 10 | 3 9 | 19 38 | 2 20 | 5 32 | 5 58 | 20 35 | 0 59 | 18 27 | 0 50 | 17 54 | 0 32 | 22 53 | 0 0 | 20 41 | 0 40 | 15 51 | 7 32 | 17 36 | 17 37 | 8 16 | 3 11 | 5 9 | M 2 |
| T 3 | 16 46 | 11 0 | 2 16 | 19 45 | 2 10 | 5 27 | 6 12 | 20 24 | 0 59 | 18 28 | 0 50 | 17 53 | 0 32 | 22 53 | 0 0 | 20 41 | 0 40 | 15 51 | 7 32 | 17 35 | 17 36 | 8 14 | 3 10 | 5 9 | T 3 |
| W 4 | 16 28 | 14 25 | 1 15 | 19 52 | 1 59 | 5 22 | 6 25 | 20 14 | 0 59 | 18 29 | 0 49 | 17 51 | 0 33 | 22 53 | 0 0 | 20 41 | 0 40 | 15 51 | 7 32 | 17 35 | 17 35 | 8 11 | 3 9 | 5 9 | W 4 |
| T 5 | 16 10 | 17 16 | 0 9 | 19 57 | 1 48 | 5 19 | 6 38 | 20 3 | 1 0 | 18 30 | 0 49 | 17 49 | 0 33 | 22 54 | 0 0 | 20 42 | 0 40 | 15 52 | 7 32 | 17 35 | 17 34 | 8 9 | 3 7 | 5 9 | T 5 |
| F 6 | 15 52 | 19 19 | 1n 0 | 20 2 | 1 37 | 5 17 | 6 51 | 19 52 | 1 0 | 18 31 | 0 49 | 17 47 | 0 33 | 22 54 | 0 0 | 20 42 | 0 40 | 15 52 | 7 31 | 17 34 | 17 33 | 8 7 | 3 6 | 5 9 | F 6 |
| S 7 | 15 34 | 20 22 | 2 7 | 20 5 | 1 26 | 5 16 | 7 3 | 19 41 | 1 0 | 18 32 | 0 49 | 17 45 | 0 33 | 22 54 | 0 0 | 20 42 | 0 40 | 15 52 | 7 31 | 17 34 | 17 32 | 8 5 | 3 5 | 5 9 | S 7 |
| S 8 | 15 15 | 20 13 | 3 10 | 20 8 | 1 15 | 5 16 | 7 14 | 19 30 | 1 1 | 18 33 | 0 48 | 17 43 | 0 33 | 22 54 | 0s 0 | 20 43 | 0 40 | 15 52 | 7 31 | 17 33 | 17 31 | 8 3 | 3 3 | 5 8 | S 8 |
| M 9 | 14 56 | 18 45 | 4 2 | 20 10 | 1 5 | 5 17 | 7 25 | 19 18 | 1 1 | 18 34 | 0 48 | 17 41 | 0 33 | 22 54 | 0 0 | 20 43 | 0 40 | 15 52 | 7 31 | 17 31 | 17 31 | 8 1 | 3 2 | 5 8 | M 9 |
| T 10 | 14 37 | 15 59 | 4 40 | 20 10 | 0 54 | 5 20 | 7 35 | 19 6 | 1 1 | 18 35 | 0 48 | 17 39 | 0 33 | 22 55 | 0 0 | 20 43 | 0 40 | 15 52 | 7 31 | 17 29 | 17 30 | 7 59 | 3 1 | 5 8 | T 10 |
| W11 | 14 18 | 12 6 | 4 58 | 20 10 | 0 44 | 5 23 | 7 45 | 18 54 | 1 1 | 18 36 | 0 48 | 17 37 | 0 33 | 22 55 | 0 0 | 20 43 | 0 40 | 15 53 | 7 31 | 17 26 | 17 29 | 7 56 | 2 59 | 5 8 | W11 |
| T 12 | 13 58 | 7 23 | 4 56 | 20 8 | 0 34 | 5 26 | 7 53 | 18 42 | 1 2 | 18 38 | 0 47 | 17 35 | 0 33 | 22 55 | 0 0 | 20 44 | 0 40 | 15 53 | 7 30 | 17 22 | 17 28 | 7 54 | 2 58 | 5 8 | T 12 |
| F 13 | 13 38 | 2 13 | 4 32 | 20 5 | 0 24 | 5 31 | 8 1 | 18 30 | 1 2 | 18 39 | 0 47 | 17 34 | 0 33 | 22 55 | 0 0 | 20 44 | 0 40 | 15 53 | 7 30 | 17 19 | 17 27 | 7 52 | 2 57 | 5 8 | F 13 |
| S 14 | 13 18 | 3n 1 | 3 50 | 20 1 | 0 14 | 5 37 | 8 8 | 18 17 | 1 2 | 18 40 | 0 47 | 17 32 | 0 33 | 22 55 | 0 0 | 20 44 | 0 40 | 15 53 | 7 30 | 17 17 | 17 26 | 7 50 | 2 55 | 5 7 | S 14 |
| S 15 | 12 58 | 7 56 | 2 53 | 19 56 | 0 4 | 5 43 | 8 13 | 18 5 | 1 3 | 18 42 | 0 47 | 17 30 | 0 33 | 22 56 | 0 0 | 20 44 | 0 40 | 15 53 | 7 30 | 17 15 | 17 25 | 7 48 | 2 54 | 5 7 | S 15 |
| M16 | 12 37 | 12 16 | 1 47 | 19 49 | 0s 5 | 5 50 | 8 18 | 17 52 | 1 3 | 18 43 | 0 46 | 17 28 | 0 33 | 22 56 | 0 0 | 20 45 | 0 40 | 15 53 | 7 30 | 17 14 | 17 25 | 7 46 | 2 53 | 5 7 | M16 |
| T 17 | 12 17 | 15 46 | 0 37 | 19 42 | 0 14 | 5 58 | 8 22 | 17 38 | 1 3 | 18 44 | 0 46 | 17 26 | 0 34 | 22 56 | 0 0 | 20 45 | 0 40 | 15 54 | 7 29 | 17 14 | 17 24 | 7 44 | 2 51 | 5 7 | T 17 |
| W18 | 11 56 | 18 20 | 0s33 | 19 33 | 0 22 | 6 7 | 8 25 | 17 25 | 1 3 | 18 46 | 0 46 | 17 24 | 0 34 | 22 56 | 0 0 | 20 45 | 0 40 | 15 54 | 7 29 | 17 14 | 17 23 | 7 42 | 2 50 | 5 7 | W18 |
| T 19 | 11 35 | 19 52 | 1 40 | 19 23 | 0 31 | 6 15 | 8 27 | 17 12 | 1 4 | 18 47 | 0 46 | 17 22 | 0 34 | 22 56 | 0 0 | 20 45 | 0 40 | 15 54 | 7 29 | 17 14 | 17 22 | 7 39 | 2 48 | 5 7 | T 19 |
| F 20 | 11 13 | 20 22 | 2 39 | 19 12 | 0 39 | 6 25 | 8 28 | 16 58 | 1 4 | 18 49 | 0 45 | 17 20 | 0 34 | 22 56 | 0 0 | 20 46 | 0 40 | 15 54 | 7 29 | 17 13 | 17 21 | 7 37 | 2 47 | 5 7 | F 20 |
| S 21 | 10 52 | 19 52 | 3 30 | 18 59 | 0 46 | 6 34 | 8 28 | 16 44 | 1 4 | 18 50 | 0 45 | 17 18 | 0 34 | 22 57 | 0 0 | 20 46 | 0 40 | 15 54 | 7 29 | 17 12 | 17 20 | 7 35 | 2 45 | 5 7 | S 21 |
| S 22 | 10 30 | 18 27 | 4 11 | 18 45 | 0 54 | 6 44 | 8 28 | 16 30 | 1 4 | 18 52 | 0 45 | 17 16 | 0 34 | 22 57 | 0 0 | 20 46 | 0 40 | 15 55 | 7 28 | 17 11 | 17 19 | 7 33 | 2 44 | 5 6 | S 22 |
| M23 | 10 8 | 16 15 | 4 40 | 18 30 | 1 1 | 6 54 | 8 26 | 16 16 | 1 4 | 18 54 | 0 45 | 17 15 | 0 34 | 22 57 | 0 0 | 20 46 | 0 40 | 15 55 | 7 28 | 17 8 | 17 18 | 7 31 | 2 43 | 5 6 | M23 |
| T 24 | 9 46 | 13 22 | 4 57 | 18 14 | 1 8 | 7 5 | 8 23 | 16 1 | 1 5 | 18 55 | 0 44 | 17 13 | 0 34 | 22 57 | 0 0 | 20 47 | 0 40 | 15 55 | 7 28 | 17 5 | 17 18 | 7 29 | 2 41 | 5 6 | T 24 |
| W25 | 9 24 | 9 58 | 5 0 | 17 57 | 1 14 | 7 15 | 8 20 | 15 47 | 1 5 | 18 57 | 0 44 | 17 11 | 0 34 | 22 57 | 0 0 | 20 47 | 0 40 | 15 55 | 7 28 | 17 1 | 17 17 | 7 27 | 2 40 | 5 6 | W25 |
| T 26 | 9 2 | 6 12 | 4 51 | 17 38 | 1 21 | 7 25 | 8 16 | 15 32 | 1 5 | 18 59 | 0 44 | 17 9 | 0 34 | 22 57 | 0 0 | 20 47 | 0 40 | 15 55 | 7 28 | 16 57 | 17 16 | 7 25 | 2 38 | 5 6 | T 26 |
| F 27 | 8 40 | 2 10 | 4 29 | 17 18 | 1 27 | 7 36 | 8 12 | 15 17 | 1 5 | 19 1 | 0 44 | 17 7 | 0 34 | 22 57 | 0 0 | 20 47 | 0 40 | 15 56 | 7 27 | 16 53 | 17 15 | 7 22 | 2 37 | 5 6 | F 27 |
| S 28 | 8 17 | 1s57 | 3 55 | 16 57 | 1 32 | 7 46 | 8 6 | 15 2 | 1 5 | 19 2 | 0 43 | 17 5 | 0 34 | 22 57 | 0 0 | 20 47 | 0 40 | 15 56 | 7 27 | 16 50 | 17 14 | 7 20 | 2 35 | 5 6 | S 28 |
| S 29 | 7s54 | 6s 1 | 3s10 | 16s34 | 1s37 | 7s56 | 8n 0 | 14s47 | 1s 6 | 19n 4 | 0s43 | 17s 3 | 0s35 | 22s58 | 0s 0 | 20n48 | 0s40 | 15n56 | 7s27 | 16s47 | 17s13 | 7n18 | 2s34 | 5n 6 | S 29 |

Julian Day Number = 2599133.5, Delta T = 08m50s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'22, Lahiri = 29°30'24


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## MARCH 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 37 5 | 10♓43'35 | 19♎55 | 20♒41 | 17°R14 | 24♒ 0 | 28♉35 | 14♒24 | 19♐20 | 22°R52 | 29°R40 | 16°R36 | 18♏11 | 28♌20 | 11♓27 | M 1 |
| T 2 | 10 41 2 | 11°43'57 | 2♏ 8 | 22°11 | 17♒ 4 | 24°47 | 28°42 | 14°31 | 19°21 | 22♋51 | 29♊40 | 16♏32 | 18° 8 | 28°27 | 11°31 | T 2 |
| W 3 | 10 44 59 | 12°44'18 | 14°33 | 23°43 | 16°57 | 25°34 | 28°50 | 14°37 | 19°23 | 22°50 | 29°40 | 16°D31 | 18° 4 | 28°34 | 11°35 | W 3 |
| T 4 | 10 48 55 | 13°44'38 | 27°13 | 25°15 | 16°52 | 26°21 | 28°58 | 14°44 | 19°24 | 22°49 | 29°39 | 16°32 | 18° 1 | 28°40 | 11°39 | T 4 |
| F 5 | 10 52 52 | 14°44'56 | 10♐11 | 26°49 | 16°49 | 27° 8 | 29° 6 | 14°50 | 19°25 | 22°48 | 29°39 | 16°R32 | 17°58 | 28°47 | 11°44 | F 5 |
| S 6 | 10 56 48 | 15°45'13 | 23°33 | 28°23 | 16°D49 | 27°55 | 29°14 | 14°57 | 19°26 | 22°47 | 29°39 | 16°32 | 17°55 | 28°54 | 11°48 | S 6 |
| S 7 | 11 0 45 | 16°45'28 | 7♑20 | 29°59 | 16°51 | 28°43 | 29°22 | 15° 3 | 19°27 | 22°46 | 29°39 | 16°30 | 17°52 | 29° 1 | 11°52 | S 7 |
| M 8 | 11 4 41 | 17°45'42 | 21°35 | 1♓35 | 16°56 | 29°30 | 29°30 | 15°10 | 19°28 | 22°46 | 29°39 | 16°26 | 17°49 | 29° 7 | 11°56 | M 8 |
| T 9 | 11 8 38 | 18°45'55 | 6♒15 | 3°13 | 17° 3 | 0♓17 | 29°39 | 15°16 | 19°28 | 22°45 | 29°39 | 16°20 | 17°45 | 29°14 | 12° 0 | T 9 |
| W10 | 11 12 34 | 19°46'06 | 21°15 | 4°52 | 17°12 | 1° 4 | 29°48 | 15°22 | 19°29 | 22°44 | 29°38 | 16°11 | 17°42 | 29°21 | 12° 4 | W10 |
| T 11 | 11 16 31 | 20°46'15 | 6♓27 | 6°32 | 17°24 | 1°51 | 29°56 | 15°29 | 19°30 | 22°43 | 29°38 | 16° 3 | 17°39 | 29°27 | 12° 8 | T 11 |
| F 12 | 11 20 28 | 21°46'23 | 21°42 | 8°12 | 17°37 | 2°38 | 0♊ 5 | 15°35 | 19°31 | 22°42 | 29°38 | 15°54 | 17°36 | 29°34 | 12°12 | F 12 |
| S 13 | 11 24 24 | 22°46'28 | 6♈47 | 9°54 | 17°53 | 3°25 | 0°14 | 15°41 | 19°31 | 22°42 | 29°38 | 15°47 | 17°33 | 29°41 | 12°17 | S 13 |
| S 14 | 11 28 21 | 23°46'32 | 21°34 | 11°37 | 18°10 | 4°12 | 0°23 | 15°47 | 19°32 | 22°41 | 29°D38 | 15°43 | 17°29 | 29°48 | 12°21 | S 14 |
| M15 | 11 32 17 | 24°46'34 | 5♉55 | 13°22 | 18°30 | 4°59 | 0°33 | 15°53 | 19°32 | 22°41 | 29°38 | 15°40 | 17°26 | 29°54 | 12°25 | M15 |
| T 16 | 11 36 14 | 25°46'33 | 19°49 | 15° 7 | 18°51 | 5°46 | 0°42 | 16° 0 | 19°33 | 22°40 | 29°38 | 15°D40 | 17°23 | 0♍ 1 | 12°29 | T 16 |
| W17 | 11 40 10 | 26°46'31 | 3♊13 | 16°53 | 19°14 | 6°33 | 0°52 | 16° 6 | 19°33 | 22°39 | 29°38 | 15°41 | 17°20 | 0° 8 | 12°33 | W17 |
| T 18 | 11 44 7 | 27°46'27 | 16°12 | 18°41 | 19°39 | 7°21 | 1° 1 | 16°11 | 19°34 | 22°39 | 29°39 | 15°42 | 17°17 | 0°15 | 12°37 | T 18 |
| F 19 | 11 48 3 | 28°46'20 | 28°48 | 20°29 | 20° 6 | 8° 8 | 1°11 | 16°17 | 19°34 | 22°38 | 29°39 | 15°R43 | 17°14 | 0°21 | 12°41 | F 19 |
| S 20 | 11 52 0 | 29°46'11 | 11♋ 7 | 22°19 | 20°34 | 8°55 | 1°21 | 16°23 | 19°34 | 22°38 | 29°39 | 15°42 | 17°10 | 0°28 | 12°45 | S 20 |
| S 21 | 11 55 57 | 0♈46'00 | 23°13 | 24°10 | 21° 4 | 9°42 | 1°31 | 16°29 | 19°34 | 22°37 | 29°39 | 15°39 | 17° 7 | 0°35 | 12°49 | S 21 |
| M22 | 11 59 53 | 1°45'47 | 5♌10 | 26° 3 | 21°35 | 10°29 | 1°41 | 16°35 | 19°34 | 22°37 | 29°39 | 15°34 | 17° 4 | 0°41 | 12°53 | M22 |
| T 23 | 12 3 50 | 2°45'31 | 17° 2 | 27°56 | 22° 8 | 11°16 | 1°51 | 16°40 | 19°34 | 22°37 | 29°39 | 15°28 | 17° 1 | 0°48 | 12°57 | T 23 |
| W24 | 12 7 46 | 3°45'14 | 28°53 | 29°50 | 22°42 | 12° 3 | 2° 2 | 16°46 | 19°R35 | 22°36 | 29°40 | 15°21 | 16°58 | 0°55 | 13° 1 | W24 |
| T 25 | 12 11 43 | 4°44'54 | 10♍46 | 1♈46 | 23°17 | 12°50 | 2°12 | 16°52 | 19°34 | 22°36 | 29°40 | 15°13 | 16°54 | 1° 2 | 13° 5 | T 25 |
| F 26 | 12 15 39 | 5°44'32 | 22°43 | 3°43 | 23°54 | 13°37 | 2°23 | 16°57 | 19°34 | 22°36 | 29°40 | 15° 5 | 16°51 | 1° 8 | 13° 9 | F 26 |
| S 27 | 12 19 36 | 6°44'08 | 4♎45 | 5°41 | 24°32 | 14°24 | 2°33 | 17° 3 | 19°34 | 22°36 | 29°40 | 14°58 | 16°48 | 1°15 | 13°13 | S 27 |
| S 28 | 12 23 32 | 7°43'42 | 16°54 | 7°39 | 25°11 | 15°12 | 2°44 | 17° 8 | 19°34 | 22°35 | 29°41 | 14°53 | 16°45 | 1°22 | 13°17 | S 28 |
| M29 | 12 27 29 | 8°43'14 | 29°11 | 9°39 | 25°52 | 15°59 | 2°55 | 17°13 | 19°34 | 22°35 | 29°41 | 14°50 | 16°42 | 1°28 | 13°20 | M29 |
| T 30 | 12 31 25 | 9°42'45 | 11♏37 | 11°39 | 26°33 | 16°46 | 3° 6 | 17°19 | 19°34 | 22°35 | 29°41 | 14°D49 | 16°39 | 1°35 | 13°24 | T 30 |
| W31 | 12 35 22 | 10♈42'13 | 24♏15 | 13♈41 | 27♒15 | 17♓33 | 3♊17 | 17♒24 | 19♐33 | 22♋35 | 29♊42 | 14♏50 | 16♏35 | 1♍42 | 13♓28 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s32 | 9s53 | 2s17 | 16s11 | 1s42 | 8s 5 | 7n54 | 14s31 | 1s 6 | 19n 6 | 0s43 | 17s 2 | 0s35 | 22s58 | 0s 0 | 20n48 | 0s40 | 15n56 | 7s27 | 16s46 | 17s12 | 7n16 | 2s32 | 5n 6 |
| T 2 | 7 9 | 13 23 | 1 16 | 15 46 | 1 47 | 8 15 | 7 47 | 14 16 | 1 6 | 19 8 | 0 43 | 17 0 | 0 35 | 22 58 | 0 0 | 20 48 | 0 40 | 15 56 | 7 27 | 16 45 | 17 11 | 7 14 | 2 31 | 5 6 |
| W 3 | 6 46 | 16 20 | 0 11 | 15 20 | 1 51 | 8 24 | 7 40 | 14 0 | 1 6 | 19 10 | 0 43 | 16 58 | 0 35 | 22 58 | 0 0 | 20 48 | 0 40 | 15 57 | 7 26 | 16 44 | 17 11 | 7 12 | 2 29 | 5 6 |
| T 4 | 6 23 | 18 34 | 0n57 | 14 53 | 1 55 | 8 33 | 7 32 | 13 45 | 1 6 | 19 12 | 0 42 | 16 56 | 0 35 | 22 58 | 0 0 | 20 48 | 0 40 | 15 57 | 7 26 | 16 44 | 17 10 | 7 10 | 2 28 | 5 6 |
| F 5 | 6 0 | 19 54 | 2 3 | 14 24 | 1 58 | 8 42 | 7 24 | 13 29 | 1 6 | 19 14 | 0 42 | 16 54 | 0 35 | 22 58 | 0 0 | 20 49 | 0 40 | 15 57 | 7 26 | 16 45 | 17 9 | 7 7 | 2 26 | 5 6 |
| S 6 | 5 36 | 20 10 | 3 4 | 13 54 | 2 1 | 8 50 | 7 15 | 13 13 | 1 7 | 19 15 | 0 42 | 16 52 | 0 35 | 22 58 | 0 0 | 20 49 | 0 40 | 15 57 | 7 26 | 16 45 | 17 8 | 7 5 | 2 25 | 5 5 |
| S 7 | 5 13 | 19 14 | 3 57 | 13 23 | 2 4 | 8 57 | 7 7 | 12 56 | 1 7 | 19 17 | 0 42 | 16 51 | 0 35 | 22 58 | 0 0 | 20 49 | 0 40 | 15 57 | 7 26 | 16 44 | 17 7 | 7 3 | 2 23 | 5 5 |
| M 8 | 4 50 | 17 6 | 4 37 | 12 51 | 2 6 | 9 5 | 6 58 | 12 40 | 1 7 | 19 19 | 0 41 | 16 49 | 0 35 | 22 58 | 0 0 | 20 49 | 0 40 | 15 58 | 7 25 | 16 43 | 17 6 | 7 1 | 2 22 | 5 5 |
| T 9 | 4 26 | 13 49 | 5 0 | 12 18 | 2 8 | 9 11 | 6 49 | 12 24 | 1 7 | 19 21 | 0 41 | 16 47 | 0 35 | 22 58 | 0 0 | 20 49 | 0 40 | 15 58 | 7 25 | 16 41 | 17 5 | 6 59 | 2 20 | 5 5 |
| W10 | 4 3 | 9 35 | 5 4 | 11 43 | 2 10 | 9 18 | 6 39 | 12 7 | 1 7 | 19 24 | 0 41 | 16 45 | 0 36 | 22 59 | 0 0 | 20 49 | 0 40 | 15 58 | 7 25 | 16 39 | 17 4 | 6 57 | 2 19 | 5 5 |
| T 11 | 3 39 | 4 41 | 4 46 | 11 7 | 2 11 | 9 23 | 6 30 | 11 50 | 1 7 | 19 26 | 0 41 | 16 44 | 0 36 | 22 59 | 0 0 | 20 50 | 0 40 | 15 58 | 7 25 | 16 36 | 17 3 | 6 55 | 2 17 | 5 5 |
| F 12 | 3 15 | 0n31 | 4 8 | 10 31 | 2 12 | 9 29 | 6 20 | 11 34 | 1 7 | 19 28 | 0 41 | 16 42 | 0 36 | 22 59 | 0 0 | 20 50 | 0 40 | 15 59 | 7 25 | 16 34 | 17 3 | 6 53 | 2 15 | 5 5 |
| S 13 | 2 52 | 5 38 | 3 13 | 9 52 | 2 12 | 9 33 | 6 10 | 11 17 | 1 7 | 19 30 | 0 40 | 16 40 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 15 59 | 7 24 | 16 32 | 17 2 | 6 50 | 2 14 | 5 5 |
| S 14 | 2 28 | 10 20 | 2 6 | 9 13 | 2 12 | 9 37 | 6 0 | 11 0 | 1 7 | 19 32 | 0 40 | 16 38 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 15 59 | 7 24 | 16 30 | 17 1 | 6 48 | 2 12 | 5 5 |
| M15 | 2 4 | 14 17 | 0 52 | 8 33 | 2 11 | 9 41 | 5 50 | 10 42 | 1 7 | 19 34 | 0 40 | 16 37 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 15 59 | 7 24 | 16 30 | 17 0 | 6 46 | 2 11 | 5 5 |
| T 16 | 1 41 | 17 17 | 0s22 | 7 51 | 2 10 | 9 44 | 5 41 | 10 25 | 1 8 | 19 36 | 0 40 | 16 35 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 15 59 | 7 24 | 16 30 | 16 59 | 6 44 | 2 9 | 5 5 |
| W17 | 1 17 | 19 14 | 1 33 | 7 9 | 2 9 | 9 47 | 5 31 | 10 8 | 1 8 | 19 38 | 0 40 | 16 33 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 16 0 | 7 23 | 16 30 | 16 58 | 6 42 | 2 8 | 5 5 |
| T 18 | 0 53 | 20 4 | 2 37 | 6 25 | 2 7 | 9 48 | 5 21 | 9 50 | 1 8 | 19 40 | 0 39 | 16 32 | 0 36 | 22 59 | 0 0 | 20 50 | 0 39 | 16 0 | 7 23 | 16 30 | 16 57 | 6 40 | 2 6 | 5 5 |
| F 19 | 0 29 | 19 51 | 3 31 | 5 40 | 2 4 | 9 50 | 5 11 | 9 33 | 1 8 | 19 43 | 0 39 | 16 30 | 0 36 | 22 59 | 0 0 | 20 51 | 0 39 | 16 0 | 7 23 | 16 30 | 16 56 | 6 38 | 2 5 | 5 5 |
| S 20 | 0 5 | 18 42 | 4 14 | 4 54 | 2 1 | 9 51 | 5 1 | 9 15 | 1 8 | 19 45 | 0 39 | 16 28 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 0 | 7 23 | 16 30 | 16 55 | 6 35 | 2 3 | 5 5 |
| S 21 | 0n18 | 16 42 | 4 45 | 4 7 | 1 58 | 9 51 | 4 51 | 8 58 | 1 8 | 19 47 | 0 39 | 16 27 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 0 | 7 23 | 16 29 | 16 55 | 6 33 | 2 2 | 5 5 |
| M22 | 0 42 | 14 1 | 5 4 | 3 19 | 1 54 | 9 50 | 4 41 | 8 40 | 1 8 | 19 49 | 0 39 | 16 25 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 1 | 7 22 | 16 28 | 16 54 | 6 31 | 2 0 | 5 5 |
| T 23 | 1 6 | 10 47 | 5 8 | 2 30 | 1 49 | 9 49 | 4 31 | 8 22 | 1 8 | 19 51 | 0 38 | 16 23 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 1 | 7 22 | 16 26 | 16 53 | 6 29 | 1 58 | 5 6 |
| W24 | 1 29 | 7 8 | 5 0 | 1 40 | 1 44 | 9 48 | 4 21 | 8 4 | 1 8 | 19 54 | 0 38 | 16 22 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 1 | 7 22 | 16 24 | 16 52 | 6 27 | 1 57 | 5 6 |
| T 25 | 1 53 | 3 12 | 4 39 | 0 49 | 1 39 | 9 45 | 4 12 | 7 46 | 1 8 | 19 56 | 0 38 | 16 20 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 1 | 7 22 | 16 22 | 16 51 | 6 25 | 1 55 | 5 6 |
| F 26 | 2 17 | 0s52 | 4 5 | 0n 3 | 1 33 | 9 43 | 4 2 | 7 28 | 1 8 | 19 58 | 0 38 | 16 19 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 2 | 7 22 | 16 19 | 16 50 | 6 23 | 1 54 | 5 6 |
| S 27 | 2 40 | 4 57 | 3 20 | 0 56 | 1 26 | 9 39 | 3 53 | 7 10 | 1 8 | 20 0 | 0 38 | 16 17 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 2 | 7 21 | 16 18 | 16 49 | 6 20 | 1 52 | 5 6 |
| S 28 | 3 4 | 8 52 | 2 26 | 1 49 | 1 19 | 9 35 | 3 43 | 6 52 | 1 8 | 20 3 | 0 38 | 16 16 | 0 37 | 22 59 | 0 0 | 20 51 | 0 39 | 16 2 | 7 21 | 16 16 | 16 48 | 6 18 | 1 51 | 5 6 |
| M29 | 3 27 | 12 28 | 1 24 | 2 43 | 1 11 | 9 31 | 3 34 | 6 34 | 1 8 | 20 5 | 0 37 | 16 14 | 0 38 | 22 59 | 0 1 | 20 51 | 0 39 | 16 2 | 7 21 | 16 15 | 16 47 | 6 16 | 1 49 | 5 6 |
| T 30 | 3 50 | 15 34 | 0 17 | 3 38 | 1 3 | 9 26 | 3 25 | 6 15 | 1 8 | 20 7 | 0 37 | 16 13 | 0 38 | 22 59 | 0 1 | 20 51 | 0 39 | 16 2 | 7 21 | 16 15 | 16 46 | 6 14 | 1 48 | 5 6 |
| W31 | 4n14 | 17s58 | 0n51 | 4n33 | 0s55 | 9s20 | 3n15 | 5s57 | 1s 8 | 20n10 | 0s37 | 16s11 | 0s38 | 22s59 | 0s 1 | 20n52 | 0s39 | 16n 3 | 7s21 | 16s15 | 16s46 | 6n12 | 1s46 | 5n 6 |

Julian Day Number = 2599162.5, Delta T = 08m51s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'26, Lahiri = 29°30'28


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## APRIL 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 39 19 | 11♈41'40 | 7♐ 6 | 15♈42 | 27♒59 | 18♓20 | 3♊28 | 17♒29 | 19°R33 | 22°R35 | 29♊42 | 14♏51 | 16♏32 | 1♍49 | 13♓32 | T 1 |
| F 2 | 12 43 15 | 12°41'05 | 20°13 | 17°45 | 28°43 | 19° 7 | 3°39 | 17°34 | 19♐32 | 22°D35 | 29°43 | 14°52 | 16°29 | 1°55 | 13°36 | F 2 |
| S 3 | 12 47 12 | 13°40'28 | 3♑37 | 19°47 | 29°29 | 19°54 | 3°50 | 17°39 | 19°32 | 22♋35 | 29°43 | 14°54 | 16°26 | 2° 2 | 13°39 | S 3 |
| S 4 | 12 51 8 | 14°39'50 | 17°21 | 21°49 | 0♓15 | 20°41 | 4° 2 | 17°44 | 19°31 | 22°35 | 29°43 | 14°R54 | 16°23 | 2° 9 | 13°43 | S 4 |
| M 5 | 12 55 5 | 15°39'10 | 1♒24 | 23°51 | 1° 2 | 21°28 | 4°13 | 17°49 | 19°31 | 22°35 | 29°44 | 14°53 | 16°20 | 2°15 | 13°47 | M 5 |
| T 6 | 12 59 1 | 16°38'28 | 15°47 | 25°52 | 1°50 | 22°15 | 4°25 | 17°54 | 19°30 | 22°35 | 29°44 | 14°51 | 16°16 | 2°22 | 13°50 | T 6 |
| W 7 | 13 2 58 | 17°37'44 | 0♓25 | 27°52 | 2°39 | 23° 2 | 4°36 | 17°58 | 19°29 | 22°35 | 29°45 | 14°48 | 16°13 | 2°29 | 13°54 | W 7 |
| T 8 | 13 6 54 | 18°36'58 | 15°15 | 29°51 | 3°28 | 23°49 | 4°48 | 18° 3 | 19°29 | 22°35 | 29°46 | 14°44 | 16°10 | 2°36 | 13°58 | T 8 |
| F 9 | 13 10 51 | 19°36'11 | 0♈ 8 | 1♉49 | 4°19 | 24°36 | 5° 0 | 18° 8 | 19°28 | 22°36 | 29°46 | 14°40 | 16° 7 | 2°42 | 14° 1 | F 9 |
| S 10 | 13 14 48 | 20°35'22 | 14°57 | 3°44 | 5°10 | 25°23 | 5°12 | 18°12 | 19°27 | 22°36 | 29°47 | 14°38 | 16° 4 | 2°49 | 14° 5 | S 10 |
| S 11 | 13 18 44 | 21°34'31 | 29°33 | 5°36 | 6° 1 | 26°10 | 5°24 | 18°17 | 19°26 | 22°36 | 29°47 | 14°36 | 16° 0 | 2°56 | 14° 8 | S 11 |
| M12 | 13 22 41 | 22°33'37 | 13♉50 | 7°26 | 6°53 | 26°57 | 5°36 | 18°21 | 19°25 | 22°36 | 29°48 | 14°D35 | 15°57 | 3° 2 | 14°12 | M12 |
| T 13 | 13 26 37 | 23°32'42 | 27°44 | 9°13 | 7°46 | 27°43 | 5°48 | 18°25 | 19°24 | 22°37 | 29°49 | 14°36 | 15°54 | 3° 9 | 14°15 | T 13 |
| W14 | 13 30 34 | 24°31'45 | 11♊13 | 10°56 | 8°40 | 28°30 | 6° 0 | 18°29 | 19°23 | 22°37 | 29°49 | 14°37 | 15°51 | 3°16 | 14°18 | W14 |
| T 15 | 13 34 30 | 25°30'45 | 24°18 | 12°35 | 9°34 | 29°17 | 6°12 | 18°34 | 19°22 | 22°38 | 29°50 | 14°38 | 15°48 | 3°23 | 14°22 | T 15 |
| F 16 | 13 38 27 | 26°29'43 | 7♋ 0 | 14°11 | 10°28 | 0♈ 4 | 6°25 | 18°38 | 19°21 | 22°38 | 29°51 | 14°40 | 15°45 | 3°29 | 14°25 | F 16 |
| S 17 | 13 42 23 | 27°28'39 | 19°23 | 15°41 | 11°23 | 0°51 | 6°37 | 18°42 | 19°20 | 22°38 | 29°51 | 14°40 | 15°41 | 3°36 | 14°28 | S 17 |
| S 18 | 13 46 20 | 28°27'32 | 1♌32 | 17° 7 | 12°19 | 1°38 | 6°50 | 18°45 | 19°19 | 22°39 | 29°52 | 14°R41 | 15°38 | 3°43 | 14°32 | S 18 |
| M19 | 13 50 17 | 29°26'24 | 13°30 | 18°28 | 13°15 | 2°24 | 7° 2 | 18°49 | 19°17 | 22°39 | 29°53 | 14°40 | 15°35 | 3°49 | 14°35 | M19 |
| T 20 | 13 54 13 | 0♉25'13 | 25°23 | 19°44 | 14°12 | 3°11 | 7°15 | 18°53 | 19°16 | 22°40 | 29°54 | 14°39 | 15°32 | 3°56 | 14°38 | T 20 |
| W21 | 13 58 10 | 1°24'00 | 7♍15 | 20°54 | 15° 9 | 3°58 | 7°27 | 18°57 | 19°15 | 22°41 | 29°54 | 14°37 | 15°29 | 4° 3 | 14°41 | W21 |
| T 22 | 14 2 6 | 2°22'44 | 19°10 | 21°59 | 16° 6 | 4°44 | 7°40 | 19° 0 | 19°13 | 22°41 | 29°55 | 14°35 | 15°26 | 4°10 | 14°44 | T 22 |
| F 23 | 14 6 3 | 3°21'27 | 1♎10 | 22°59 | 17° 4 | 5°31 | 7°53 | 19° 4 | 19°12 | 22°42 | 29°56 | 14°34 | 15°22 | 4°16 | 14°47 | F 23 |
| S 24 | 14 9 59 | 4°20'07 | 13°19 | 23°52 | 18° 3 | 6°18 | 8° 6 | 19° 7 | 19°10 | 22°43 | 29°57 | 14°32 | 15°19 | 4°23 | 14°50 | S 24 |
| S 25 | 14 13 56 | 5°18'45 | 25°39 | 24°40 | 19° 1 | 7° 4 | 8°18 | 19°10 | 19° 9 | 22°43 | 29°58 | 14°31 | 15°16 | 4°30 | 14°53 | S 25 |
| M26 | 14 17 52 | 6°17'22 | 8♏12 | 25°22 | 20° 1 | 7°51 | 8°31 | 19°14 | 19° 7 | 22°44 | 29°59 | 14°31 | 15°13 | 4°36 | 14°56 | M26 |
| T 27 | 14 21 49 | 7°15'57 | 20°57 | 25°59 | 21° 0 | 8°37 | 8°44 | 19°17 | 19° 6 | 22°45 | 29°59 | 14°D31 | 15°10 | 4°43 | 14°59 | T 27 |
| W28 | 14 25 46 | 8°14'29 | 3♐55 | 26°29 | 22° 0 | 9°24 | 8°57 | 19°20 | 19° 4 | 22°46 | 0♋ 1 | 14°31 | 15° 6 | 4°50 | 15° 2 | W28 |
| T 29 | 14 29 42 | 9°13'01 | 17° 8 | 26°53 | 23° 0 | 10°10 | 9°10 | 19°23 | 19° 2 | 22°47 | 0° 2 | 14°32 | 15° 3 | 4°57 | 15° 5 | T 29 |
| F 30 | 14 33 39 | 10♉11'30 | 0♑33 | 27♉11 | 24♓ 1 | 10♈57 | 9♊23 | 19♒26 | 19♐ 1 | 22♋48 | 0♋ 3 | 14♏32 | 15♏ 0 | 5♍ 3 | 15♓ 8 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n37 | 19s30 | 1n59 | 5n28 | 0s45 | 9s14 | 3n 6 | 5s39 | 1s 8 | 20n12 | 0s37 | 16s10 | 0s38 | 22s59 | 0s 1 | 20n52 | 0s39 | 16n 3 | 7s20 | 16s15 | 16s45 | 6n10 | 1s45 | 5n 6 |
| F 2 | 5 0 | 20 1 | 3 1 | 6 24 | 0 36 | 9 7 | 2 57 | 5 20 | 1 8 | 20 14 | 0 37 | 16 8 | 0 38 | 22 59 | 0 1 | 20 52 | 0 39 | 16 3 | 7 20 | 16 16 | 16 44 | 6 8 | 1 43 | 5 6 |
| S 3 | 5 23 | 19 25 | 3 56 | 7 19 | 0 26 | 9 0 | 2 49 | 5 2 | 1 7 | 20 16 | 0 37 | 16 7 | 0 38 | 22 59 | 0 1 | 20 52 | 0 39 | 16 3 | 7 20 | 16 16 | 16 43 | 6 6 | 1 42 | 5 6 |
| S 4 | 5 46 | 17 40 | 4 38 | 8 15 | 0 15 | 8 52 | 2 40 | 4 43 | 1 7 | 20 19 | 0 36 | 16 6 | 0 38 | 22 59 | 0 1 | 20 52 | 0 39 | 16 3 | 7 20 | 16 16 | 16 42 | 6 3 | 1 40 | 5 6 |
| M 5 | 6 9 | 14 51 | 5 5 | 9 10 | 0 5 | 8 43 | 2 31 | 4 25 | 1 7 | 20 21 | 0 36 | 16 4 | 0 38 | 22 59 | 0 1 | 20 52 | 0 39 | 16 4 | 7 19 | 16 16 | 16 41 | 6 1 | 1 39 | 5 6 |
| T 6 | 6 32 | 11 5 | 5 13 | 10 4 | 0n 6 | 8 34 | 2 23 | 4 6 | 1 7 | 20 23 | 0 36 | 16 3 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 4 | 7 19 | 16 15 | 16 40 | 5 59 | 1 37 | 5 7 |
| W 7 | 6 54 | 6 35 | 5 2 | 10 58 | 0 18 | 8 25 | 2 14 | 3 47 | 1 7 | 20 25 | 0 36 | 16 1 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 4 | 7 19 | 16 14 | 16 39 | 5 57 | 1 36 | 5 7 |
| T 8 | 7 17 | 1 39 | 4 30 | 11 51 | 0 29 | 8 15 | 2 6 | 3 29 | 1 7 | 20 28 | 0 36 | 16 0 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 4 | 7 19 | 16 13 | 16 38 | 5 55 | 1 34 | 5 7 |
| F 9 | 7 39 | 3n25 | 3 40 | 12 43 | 0 41 | 8 4 | 1 58 | 3 10 | 1 7 | 20 30 | 0 36 | 15 59 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 4 | 7 19 | 16 12 | 16 37 | 5 53 | 1 33 | 5 7 |
| S 10 | 8 1 | 8 16 | 2 36 | 13 33 | 0 52 | 7 53 | 1 50 | 2 51 | 1 7 | 20 32 | 0 35 | 15 58 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 5 | 7 18 | 16 11 | 16 36 | 5 51 | 1 31 | 5 7 |
| S 11 | 8 24 | 12 34 | 1 22 | 14 22 | 1 4 | 7 42 | 1 42 | 2 33 | 1 7 | 20 35 | 0 35 | 15 56 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 5 | 7 18 | 16 11 | 16 36 | 5 48 | 1 30 | 5 7 |
| M12 | 8 46 | 16 1 | 0 4 | 15 9 | 1 15 | 7 30 | 1 34 | 2 14 | 1 6 | 20 37 | 0 35 | 15 55 | 0 39 | 22 59 | 0 1 | 20 52 | 0 39 | 16 5 | 7 18 | 16 11 | 16 35 | 5 46 | 1 29 | 5 7 |
| T 13 | 9 7 | 18 27 | 1s12 | 15 54 | 1 26 | 7 18 | 1 27 | 1 55 | 1 6 | 20 39 | 0 35 | 15 54 | 0 39 | 22 58 | 0 1 | 20 52 | 0 39 | 16 5 | 7 18 | 16 11 | 16 34 | 5 44 | 1 27 | 5 7 |
| W14 | 9 29 | 19 44 | 2 22 | 16 37 | 1 37 | 7 5 | 1 19 | 1 36 | 1 6 | 20 41 | 0 35 | 15 53 | 0 40 | 22 58 | 0 1 | 20 52 | 0 38 | 16 5 | 7 18 | 16 11 | 16 33 | 5 42 | 1 26 | 5 7 |
| T 15 | 9 51 | 19 54 | 3 22 | 17 17 | 1 47 | 6 51 | 1 12 | 1 18 | 1 6 | 20 44 | 0 35 | 15 52 | 0 40 | 22 58 | 0 1 | 20 52 | 0 38 | 16 6 | 7 17 | 16 12 | 16 32 | 5 40 | 1 24 | 5 8 |
| F 16 | 10 12 | 19 2 | 4 10 | 17 55 | 1 57 | 6 38 | 1 5 | 0 59 | 1 6 | 20 46 | 0 34 | 15 50 | 0 40 | 22 58 | 0 1 | 20 52 | 0 38 | 16 6 | 7 17 | 16 12 | 16 31 | 5 38 | 1 23 | 5 8 |
| S 17 | 10 33 | 17 16 | 4 46 | 18 31 | 2 6 | 6 23 | 0 58 | 0 40 | 1 6 | 20 48 | 0 34 | 15 49 | 0 40 | 22 58 | 0 1 | 20 51 | 0 38 | 16 6 | 7 17 | 16 12 | 16 30 | 5 36 | 1 22 | 5 8 |
| S 18 | 10 54 | 14 46 | 5 8 | 19 4 | 2 15 | 6 9 | 0 51 | 0 21 | 1 6 | 20 50 | 0 34 | 15 48 | 0 40 | 22 58 | 0 1 | 20 51 | 0 38 | 16 6 | 7 17 | 16 12 | 16 29 | 5 33 | 1 20 | 5 8 |
| M19 | 11 15 | 11 41 | 5 16 | 19 34 | 2 23 | 5 54 | 0 44 | 0 3 | 1 5 | 20 53 | 0 34 | 15 47 | 0 40 | 22 58 | 0 1 | 20 51 | 0 38 | 16 6 | 7 17 | 16 12 | 16 28 | 5 31 | 1 19 | 5 8 |
| T 20 | 11 36 | 8 9 | 5 10 | 20 2 | 2 30 | 5 38 | 0 37 | 0n16 | 1 5 | 20 55 | 0 34 | 15 46 | 0 40 | 22 58 | 0 1 | 20 51 | 0 38 | 16 7 | 7 17 | 16 12 | 16 27 | 5 29 | 1 17 | 5 8 |
| W21 | 11 56 | 4 19 | 4 52 | 20 27 | 2 36 | 5 22 | 0 30 | 0 35 | 1 5 | 20 57 | 0 34 | 15 45 | 0 41 | 22 58 | 0 1 | 20 51 | 0 38 | 16 7 | 7 16 | 16 11 | 16 26 | 5 27 | 1 16 | 5 8 |
| T 22 | 12 16 | 0 17 | 4 20 | 20 49 | 2 41 | 5 6 | 0 24 | 0 53 | 1 5 | 20 59 | 0 34 | 15 44 | 0 41 | 22 58 | 0 1 | 20 51 | 0 38 | 16 7 | 7 16 | 16 11 | 16 25 | 5 25 | 1 15 | 5 9 |
| F 23 | 12 36 | 3s47 | 3 38 | 21 9 | 2 46 | 4 49 | 0 18 | 1 12 | 1 4 | 21 1 | 0 33 | 15 43 | 0 41 | 22 58 | 0 1 | 20 51 | 0 38 | 16 7 | 7 16 | 16 10 | 16 24 | 5 23 | 1 13 | 5 9 |
| S 24 | 12 56 | 7 46 | 2 44 | 21 26 | 2 49 | 4 32 | 0 11 | 1 31 | 1 4 | 21 4 | 0 33 | 15 42 | 0 41 | 22 57 | 0 1 | 20 51 | 0 38 | 16 7 | 7 16 | 16 10 | 16 24 | 5 21 | 1 12 | 5 9 |
| S 25 | 13 16 | 11 29 | 1 43 | 21 40 | 2 51 | 4 15 | 0 5 | 1 49 | 1 4 | 21 6 | 0 33 | 15 41 | 0 41 | 22 57 | 0 1 | 20 51 | 0 38 | 16 7 | 7 16 | 16 9 | 16 23 | 5 19 | 1 11 | 5 9 |
| M26 | 13 35 | 14 45 | 0 35 | 21 51 | 2 52 | 3 57 | 0s 1 | 2 8 | 1 4 | 21 8 | 0 33 | 15 41 | 0 41 | 22 57 | 0 1 | 20 51 | 0 38 | 16 8 | 7 15 | 16 9 | 16 22 | 5 16 | 1 10 | 5 9 |
| T 27 | 13 54 | 17 23 | 0n36 | 22 0 | 2 52 | 3 39 | 0 6 | 2 26 | 1 3 | 21 10 | 0 33 | 15 40 | 0 41 | 22 57 | 0 1 | 20 51 | 0 38 | 16 8 | 7 15 | 16 9 | 16 21 | 5 14 | 1 8 | 5 10 |
| W28 | 14 13 | 19 9 | 1 46 | 22 5 | 2 51 | 3 21 | 0 12 | 2 45 | 1 3 | 21 12 | 0 33 | 15 39 | 0 42 | 22 57 | 0 1 | 20 51 | 0 38 | 16 8 | 7 15 | 16 9 | 16 20 | 5 12 | 1 7 | 5 10 |
| T 29 | 14 32 | 19 55 | 2 51 | 22 9 | 2 48 | 3 2 | 0 18 | 3 3 | 1 3 | 21 14 | 0 33 | 15 38 | 0 42 | 22 57 | 0 1 | 20 50 | 0 38 | 16 8 | 7 15 | 16 10 | 16 19 | 5 10 | 1 6 | 5 10 |
| F 30 | 14n50 | 19s35 | 3n49 | 22n 9 | 2n44 | 2s43 | 0s23 | 3n22 | 1s 3 | 21n16 | 0s32 | 15s37 | 0s42 | 22s57 | 0s 1 | 20n50 | 0s38 | 16n 8 | 7s15 | 16s10 | 16s18 | 5n 8 | 1s 5 | 5n10 |

Julian Day Number = 2599193.5, Delta T = 08m51s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'31, Lahiri = 29°30'32


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## MAY 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 37 35 | 11♉ 9'58 | 14♋12 | 27♉24 | 25♓ 2 | 11♈43 | 9♊37 | 19♒29 | 18°R59 | 22♋48 | 0♋ 4 | 14♏32 | 14♏57 | 5♍10 | 15♓10 | S 1 |
| S 2 | 14 41 32 | 12° 8'24 | 28° 3 | 27°31 | 26° 3 | 12°30 | 9°50 | 19°31 | 18♐57 | 22°49 | 0° 5 | 14°33 | 14°54 | 5°17 | 15°13 | S 2 |
| M 3 | 14 45 28 | 13° 6'49 | 12♒ 6 | 27°R32 | 27° 4 | 13°16 | 10° 3 | 19°34 | 18°55 | 22°50 | 0° 6 | 14°R33 | 14°51 | 5°23 | 15°16 | M 3 |
| T 4 | 14 49 25 | 14° 5'12 | 26°19 | 27°27 | 28° 6 | 14° 3 | 10°16 | 19°36 | 18°53 | 22°51 | 0° 7 | 14°D33 | 14°47 | 5°30 | 15°18 | T 4 |
| W 5 | 14 53 21 | 15° 3'33 | 10♓39 | 27°18 | 29° 8 | 14°49 | 10°30 | 19°39 | 18°51 | 22°52 | 0° 8 | 14°33 | 14°44 | 5°37 | 15°21 | W 5 |
| T 6 | 14 57 18 | 16° 1'53 | 25° 4 | 27° 3 | 0♈11 | 15°35 | 10°43 | 19°41 | 18°50 | 22°54 | 0° 9 | 14°33 | 14°41 | 5°44 | 15°23 | T 6 |
| F 7 | 15 1 14 | 17° 0'12 | 9♈30 | 26°44 | 1°13 | 16°21 | 10°57 | 19°43 | 18°48 | 22°55 | 0°10 | 14°33 | 14°38 | 5°50 | 15°26 | F 7 |
| S 8 | 15 5 11 | 17°58'29 | 23°51 | 26°20 | 2°16 | 17° 8 | 11°10 | 19°46 | 18°46 | 22°56 | 0°11 | 14°33 | 14°35 | 5°57 | 15°28 | S 8 |
| S 9 | 15 9 8 | 18°56'44 | 8♉ 4 | 25°53 | 3°19 | 17°54 | 11°23 | 19°48 | 18°44 | 22°57 | 0°12 | 14°R33 | 14°31 | 6° 4 | 15°30 | S 9 |
| M10 | 15 13 4 | 19°54'58 | 22° 3 | 25°23 | 4°23 | 18°40 | 11°37 | 19°50 | 18°41 | 22°58 | 0°13 | 14°33 | 14°28 | 6°10 | 15°33 | M10 |
| T 11 | 15 17 1 | 20°53'10 | 5♊45 | 24°50 | 5°26 | 19°26 | 11°51 | 19°52 | 18°39 | 22°59 | 0°14 | 14°33 | 14°25 | 6°17 | 15°35 | T 11 |
| W12 | 15 20 57 | 21°51'21 | 19° 8 | 24°15 | 6°30 | 20°12 | 12° 4 | 19°53 | 18°37 | 23° 1 | 0°15 | 14°32 | 14°22 | 6°24 | 15°37 | W12 |
| T 13 | 15 24 54 | 22°49'29 | 2♋10 | 23°39 | 7°34 | 20°58 | 12°18 | 19°55 | 18°35 | 23° 2 | 0°16 | 14°31 | 14°19 | 6°31 | 15°39 | T 13 |
| F 14 | 15 28 50 | 23°47'36 | 14°53 | 23° 2 | 8°39 | 21°44 | 12°31 | 19°57 | 18°33 | 23° 3 | 0°18 | 14°30 | 14°16 | 6°37 | 15°41 | F 14 |
| S 15 | 15 32 47 | 24°45'41 | 27°18 | 22°25 | 9°43 | 22°30 | 12°45 | 19°58 | 18°31 | 23° 5 | 0°19 | 14°29 | 14°12 | 6°44 | 15°44 | S 15 |
| S 16 | 15 36 44 | 25°43'44 | 9♌29 | 21°49 | 10°48 | 23°16 | 12°59 | 19°59 | 18°29 | 23° 6 | 0°20 | 14°28 | 14° 9 | 6°51 | 15°46 | S 16 |
| M17 | 15 40 40 | 26°41'45 | 21°29 | 21°13 | 11°52 | 24° 2 | 13°12 | 20° 1 | 18°26 | 23° 7 | 0°21 | 14°D28 | 14° 6 | 6°57 | 15°47 | M17 |
| T 18 | 15 44 37 | 27°39'45 | 3♍24 | 20°40 | 12°57 | 24°48 | 13°26 | 20° 2 | 18°24 | 23° 9 | 0°22 | 14°28 | 14° 3 | 7° 4 | 15°49 | T 18 |
| W19 | 15 48 33 | 28°37'42 | 15°16 | 20° 9 | 14° 3 | 25°33 | 13°40 | 20° 3 | 18°22 | 23°10 | 0°24 | 14°28 | 14° 0 | 7°11 | 15°51 | W19 |
| T 20 | 15 52 30 | 29°35'38 | 27°12 | 19°41 | 15° 8 | 26°19 | 13°54 | 20° 4 | 18°20 | 23°12 | 0°25 | 14°29 | 13°57 | 7°18 | 15°53 | T 20 |
| F 21 | 15 56 26 | 0♊33'32 | 9♎15 | 19°16 | 16°14 | 27° 5 | 14° 8 | 20° 5 | 18°17 | 23°13 | 0°26 | 14°31 | 13°53 | 7°24 | 15°55 | F 21 |
| S 22 | 16 0 23 | 1°31'24 | 21°29 | 18°54 | 17°19 | 27°50 | 14°21 | 20° 6 | 18°15 | 23°15 | 0°27 | 14°32 | 13°50 | 7°31 | 15°56 | S 22 |
| S 23 | 16 4 19 | 2°29'15 | 3♏58 | 18°37 | 18°25 | 28°36 | 14°35 | 20° 7 | 18°13 | 23°16 | 0°29 | 14°33 | 13°47 | 7°38 | 15°58 | S 23 |
| M24 | 16 8 16 | 3°27'04 | 16°44 | 18°24 | 19°31 | 29°22 | 14°49 | 20° 7 | 18°10 | 23°18 | 0°30 | 14°R33 | 13°44 | 7°44 | 16° 0 | M24 |
| T 25 | 16 12 12 | 4°24'51 | 29°48 | 18°15 | 20°37 | 0♉ 7 | 15° 3 | 20° 8 | 18° 8 | 23°19 | 0°31 | 14°33 | 13°41 | 7°51 | 16° 1 | T 25 |
| W26 | 16 16 9 | 5°22'38 | 13♐10 | 18°10 | 21°44 | 0°52 | 15°17 | 20° 8 | 18° 5 | 23°21 | 0°32 | 14°31 | 13°37 | 7°58 | 16° 2 | W26 |
| T 27 | 16 20 6 | 6°20'23 | 26°48 | 18°D10 | 22°50 | 1°38 | 15°31 | 20° 8 | 18° 3 | 23°22 | 0°34 | 14°28 | 13°34 | 8° 5 | 16° 4 | T 27 |
| F 28 | 16 24 2 | 7°18'06 | 10♑40 | 18°15 | 23°57 | 2°23 | 15°45 | 20° 9 | 18° 1 | 23°24 | 0°35 | 14°25 | 13°31 | 8°11 | 16° 5 | F 28 |
| S 29 | 16 27 59 | 8°15'49 | 24°43 | 18°24 | 25° 3 | 3° 9 | 15°59 | 20° 9 | 17°58 | 23°26 | 0°36 | 14°22 | 13°28 | 8°18 | 16° 6 | S 29 |
| S 30 | 16 31 55 | 9°13'30 | 8♒53 | 18°37 | 26°10 | 3°54 | 16°13 | 20°R 9 | 17°56 | 23°27 | 0°38 | 14°19 | 13°25 | 8°25 | 16° 8 | S 30 |
| M31 | 16 35 52 | 10♊11'11 | 23♒ 7 | 18♉55 | 27♈17 | 4♉39 | 16♊27 | 20♒ 9 | 17♐53 | 23♋29 | 0♋39 | 14♏17 | 13♏22 | 8♍31 | 16♓ 9 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 9 | 18s 5 | 4n34 | 22n 7 | 2n39 | 2s24 | 0s28 | 3n40 | 1s 2 | 21n18 | 0s32 | 15s37 | 0s42 | 22s57 | 0s 1 | 20n50 | 0s38 | 16n 8 | 7s15 | 16s10 | 16s17 | 5n 6 | 1s 3 | 5n10 |
| S 2 | 15 27 | 15 32 | 5 4 | 22 2 | 2 33 | 2 5 | 0 33 | 3 58 | 1 2 | 21 21 | 0 32 | 15 36 | 0 42 | 22 56 | 0 1 | 20 50 | 0 38 | 16 9 | 7 14 | 16 10 | 16 16 | 5 4 | 1 2 | 5 10 |
| M 3 | 15 44 | 12 3 | 5 17 | 21 55 | 2 25 | 1 45 | 0 38 | 4 17 | 1 2 | 21 23 | 0 32 | 15 35 | 0 42 | 22 56 | 0 1 | 20 50 | 0 38 | 16 9 | 7 14 | 16 10 | 16 15 | 5 1 | 1 1 | 5 11 |
| T 4 | 16 2 | 7 51 | 5 11 | 21 45 | 2 16 | 1 25 | 0 43 | 4 35 | 1 2 | 21 25 | 0 32 | 15 34 | 0 42 | 22 56 | 0 1 | 20 50 | 0 38 | 16 9 | 7 14 | 16 10 | 16 14 | 4 59 | 1 0 | 5 11 |
| W 5 | 16 19 | 3 9 | 4 45 | 21 33 | 2 6 | 1 4 | 0 48 | 4 53 | 1 1 | 21 27 | 0 32 | 15 34 | 0 43 | 22 56 | 0 1 | 20 50 | 0 38 | 16 9 | 7 14 | 16 10 | 16 13 | 4 57 | 0 59 | 5 11 |
| T 6 | 16 36 | 1n44 | 4 1 | 21 19 | 1 55 | 0 44 | 0 52 | 5 11 | 1 1 | 21 29 | 0 32 | 15 33 | 0 43 | 22 56 | 0 1 | 20 50 | 0 38 | 16 9 | 7 14 | 16 10 | 16 12 | 4 55 | 0 57 | 5 11 |
| F 7 | 16 53 | 6 33 | 3 2 | 21 2 | 1 42 | 0 23 | 0 57 | 5 29 | 1 1 | 21 31 | 0 32 | 15 33 | 0 43 | 22 56 | 0 1 | 20 49 | 0 38 | 16 9 | 7 14 | 16 10 | 16 11 | 4 53 | 0 56 | 5 11 |
| S 8 | 17 9 | 10 59 | 1 52 | 20 43 | 1 28 | 0 2 | 1 1 | 5 47 | 1 0 | 21 33 | 0 31 | 15 32 | 0 43 | 22 56 | 0 1 | 20 49 | 0 38 | 16 10 | 7 13 | 16 10 | 16 11 | 4 51 | 0 55 | 5 12 |
| S 9 | 17 25 | 14 44 | 0 36 | 20 23 | 1 14 | 0n19 | 1 6 | 6 5 | 1 0 | 21 35 | 0 31 | 15 32 | 0 43 | 22 55 | 0 1 | 20 49 | 0 38 | 16 10 | 7 13 | 16 10 | 16 10 | 4 49 | 0 54 | 5 12 |
| M10 | 17 41 | 17 34 | 0s41 | 20 0 | 0 58 | 0 40 | 1 10 | 6 23 | 1 0 | 21 37 | 0 31 | 15 31 | 0 43 | 22 55 | 0 1 | 20 49 | 0 38 | 16 10 | 7 13 | 16 10 | 16 9 | 4 47 | 0 53 | 5 12 |
| T 11 | 17 56 | 19 20 | 1 55 | 19 37 | 0 42 | 1 2 | 1 14 | 6 41 | 0 59 | 21 39 | 0 31 | 15 31 | 0 43 | 22 55 | 0 1 | 20 49 | 0 38 | 16 10 | 7 13 | 16 10 | 16 8 | 4 44 | 0 52 | 5 12 |
| W12 | 18 11 | 19 57 | 3 0 | 19 12 | 0 25 | 1 24 | 1 17 | 6 58 | 0 59 | 21 40 | 0 31 | 15 30 | 0 44 | 22 55 | 0 1 | 20 49 | 0 38 | 16 10 | 7 13 | 16 10 | 16 7 | 4 42 | 0 51 | 5 13 |
| T 13 | 18 26 | 19 28 | 3 54 | 18 46 | 0 8 | 1 45 | 1 21 | 7 16 | 0 58 | 21 42 | 0 31 | 15 30 | 0 44 | 22 55 | 0 1 | 20 48 | 0 38 | 16 10 | 7 13 | 16 10 | 16 6 | 4 40 | 0 50 | 5 13 |
| F 14 | 18 41 | 18 0 | 4 35 | 18 20 | 0s10 | 2 7 | 1 25 | 7 33 | 0 58 | 21 44 | 0 31 | 15 30 | 0 44 | 22 55 | 0 1 | 20 48 | 0 38 | 16 10 | 7 13 | 16 9 | 16 5 | 4 38 | 0 49 | 5 13 |
| S 15 | 18 55 | 15 42 | 5 2 | 17 54 | 0 27 | 2 30 | 1 28 | 7 51 | 0 58 | 21 46 | 0 31 | 15 29 | 0 44 | 22 54 | 0 1 | 20 48 | 0 38 | 16 11 | 7 12 | 16 9 | 16 4 | 4 36 | 0 48 | 5 13 |
| S 16 | 19 9 | 12 46 | 5 15 | 17 27 | 0 45 | 2 52 | 1 31 | 8 8 | 0 57 | 21 48 | 0 31 | 15 29 | 0 44 | 22 54 | 0 1 | 20 48 | 0 37 | 16 11 | 7 12 | 16 9 | 16 3 | 4 34 | 0 47 | 5 13 |
| M17 | 19 22 | 9 21 | 5 14 | 17 2 | 1 2 | 3 14 | 1 34 | 8 25 | 0 57 | 21 50 | 0 30 | 15 29 | 0 44 | 22 54 | 0 1 | 20 48 | 0 37 | 16 11 | 7 12 | 16 8 | 16 2 | 4 32 | 0 46 | 5 14 |
| T 18 | 19 36 | 5 35 | 4 59 | 16 37 | 1 19 | 3 37 | 1 37 | 8 42 | 0 56 | 21 52 | 0 30 | 15 28 | 0 44 | 22 54 | 0 1 | 20 47 | 0 37 | 16 11 | 7 12 | 16 8 | 16 1 | 4 29 | 0 45 | 5 14 |
| W19 | 19 49 | 1 37 | 4 32 | 16 13 | 1 35 | 3 59 | 1 40 | 8 59 | 0 56 | 21 53 | 0 30 | 15 28 | 0 45 | 22 54 | 0 1 | 20 47 | 0 37 | 16 11 | 7 12 | 16 9 | 16 0 | 4 27 | 0 44 | 5 14 |
| T 20 | 20 1 | 2s27 | 3 53 | 15 50 | 1 51 | 4 22 | 1 43 | 9 16 | 0 56 | 21 55 | 0 30 | 15 28 | 0 45 | 22 53 | 0 1 | 20 47 | 0 37 | 16 11 | 7 12 | 16 9 | 15 59 | 4 25 | 0 43 | 5 14 |
| F 21 | 20 13 | 6 28 | 3 3 | 15 29 | 2 5 | 4 44 | 1 46 | 9 33 | 0 55 | 21 57 | 0 30 | 15 28 | 0 45 | 22 53 | 0 1 | 20 47 | 0 37 | 16 11 | 7 12 | 16 9 | 15 58 | 4 23 | 0 42 | 5 15 |
| S 22 | 20 25 | 10 17 | 2 4 | 15 10 | 2 19 | 5 7 | 1 48 | 9 50 | 0 55 | 21 59 | 0 30 | 15 28 | 0 45 | 22 53 | 0 1 | 20 47 | 0 37 | 16 12 | 7 12 | 16 10 | 15 57 | 4 21 | 0 41 | 5 15 |
| S 23 | 20 37 | 13 44 | 0 58 | 14 53 | 2 32 | 5 30 | 1 51 | 10 6 | 0 54 | 22 0 | 0 30 | 15 28 | 0 45 | 22 53 | 0 1 | 20 46 | 0 37 | 16 12 | 7 11 | 16 10 | 15 56 | 4 19 | 0 41 | 5 15 |
| M24 | 20 48 | 16 36 | 0n12 | 14 38 | 2 44 | 5 53 | 1 53 | 10 23 | 0 54 | 22 2 | 0 30 | 15 28 | 0 45 | 22 53 | 0 1 | 20 46 | 0 37 | 16 12 | 7 11 | 16 10 | 15 55 | 4 17 | 0 40 | 5 15 |
| T 25 | 20 59 | 18 43 | 1 23 | 14 25 | 2 55 | 6 15 | 1 55 | 10 39 | 0 53 | 22 4 | 0 30 | 15 28 | 0 46 | 22 52 | 0 1 | 20 46 | 0 37 | 16 12 | 7 11 | 16 10 | 15 55 | 4 15 | 0 39 | 5 16 |
| W26 | 21 9 | 19 50 | 2 31 | 14 14 | 3 5 | 6 38 | 1 57 | 10 55 | 0 53 | 22 5 | 0 29 | 15 28 | 0 46 | 22 52 | 0 1 | 20 46 | 0 37 | 16 12 | 7 11 | 16 9 | 15 54 | 4 12 | 0 38 | 5 16 |
| T 27 | 21 19 | 19 49 | 3 32 | 14 6 | 3 14 | 7 1 | 1 59 | 11 12 | 0 52 | 22 7 | 0 29 | 15 28 | 0 46 | 22 52 | 0 1 | 20 45 | 0 37 | 16 12 | 7 11 | 16 9 | 15 53 | 4 10 | 0 37 | 5 16 |
| F 28 | 21 29 | 18 37 | 4 21 | 13 59 | 3 22 | 7 24 | 2 1 | 11 28 | 0 52 | 22 8 | 0 29 | 15 28 | 0 46 | 22 52 | 0 1 | 20 45 | 0 37 | 16 12 | 7 11 | 16 8 | 15 52 | 4 8 | 0 37 | 5 16 |
| S 29 | 21 38 | 16 17 | 4 56 | 13 55 | 3 28 | 7 46 | 2 3 | 11 44 | 0 51 | 22 10 | 0 29 | 15 28 | 0 46 | 22 52 | 0 1 | 20 45 | 0 37 | 16 12 | 7 11 | 16 7 | 15 51 | 4 6 | 0 36 | 5 17 |
| S 30 | 21 47 | 12 58 | 5 12 | 13 54 | 3 34 | 8 9 | 2 4 | 11 59 | 0 51 | 22 11 | 0 29 | 15 28 | 0 46 | 22 51 | 0 1 | 20 45 | 0 37 | 16 12 | 7 11 | 16 6 | 15 50 | 4 4 | 0 35 | 5 17 |
| M31 | 21n56 | 8s53 | 5n10 | 13n54 | 3s38 | 8n32 | 2s 6 | 12n15 | 0s51 | 22n13 | 0s29 | 15s28 | 0s46 | 22s51 | 0s 1 | 20n44 | 0s37 | 16n12 | 7s11 | 16s 5 | 15s49 | 4n 2 | 0s35 | 5n17 |

Julian Day Number = 2599223.5, Delta T = 08m51s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'35, Lahiri = 29°30'36


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## JUNE 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 39 48 | 11♊ 8'50 | 7♓21 | 19♉18 | 28♈25 | 5♉24 | 16♊41 | 20°R 9 | 17°R51 | 23♋31 | 0♋40 | 14°D16 | 13♏18 | 8♍38 | 16♓10 | T 1 |
| W 2 | 16 43 45 | 12° 6'29 | 21°33 | 19°44 | 29°32 | 6° 9 | 16°55 | 20♒ 8 | 17♐48 | 23°33 | 0°42 | 14♏17 | 13°15 | 8°45 | 16°11 | W 2 |
| T 3 | 16 47 42 | 13° 4'07 | 5♈41 | 20°15 | 0♉39 | 6°54 | 17° 9 | 20° 8 | 17°46 | 23°34 | 0°43 | 14°18 | 13°12 | 8°52 | 16°12 | T 3 |
| F 4 | 16 51 38 | 14° 1'43 | 19°44 | 20°50 | 1°47 | 7°40 | 17°23 | 20° 8 | 17°43 | 23°36 | 0°45 | 14°19 | 13° 9 | 8°58 | 16°13 | F 4 |
| S 5 | 16 55 35 | 14°59'19 | 3♉38 | 21°29 | 2°54 | 8°24 | 17°37 | 20° 7 | 17°41 | 23°38 | 0°46 | 14°20 | 13° 6 | 9° 5 | 16°14 | S 5 |
| S 6 | 16 59 31 | 15°56'54 | 17°23 | 22°12 | 4° 2 | 9° 9 | 17°50 | 20° 6 | 17°38 | 23°40 | 0°47 | 14°R21 | 13° 3 | 9°12 | 16°15 | S 6 |
| M 7 | 17 3 28 | 16°54'29 | 0♊57 | 22°59 | 5°10 | 9°54 | 18° 4 | 20° 6 | 17°36 | 23°42 | 0°49 | 14°20 | 12°59 | 9°18 | 16°15 | M 7 |
| T 8 | 17 7 24 | 17°52'02 | 14°19 | 23°49 | 6°18 | 10°39 | 18°18 | 20° 5 | 17°33 | 23°44 | 0°50 | 14°17 | 12°56 | 9°25 | 16°16 | T 8 |
| W 9 | 17 11 21 | 18°49'34 | 27°26 | 24°43 | 7°26 | 11°24 | 18°32 | 20° 4 | 17°31 | 23°45 | 0°51 | 14°13 | 12°53 | 9°32 | 16°17 | W 9 |
| T 10 | 17 15 17 | 19°47'05 | 10♋18 | 25°40 | 8°34 | 12° 9 | 18°46 | 20° 3 | 17°29 | 23°47 | 0°53 | 14° 7 | 12°50 | 9°38 | 16°17 | T 10 |
| F 11 | 17 19 14 | 20°44'35 | 22°54 | 26°41 | 9°42 | 12°53 | 19° 0 | 20° 2 | 17°26 | 23°49 | 0°54 | 14° 1 | 12°47 | 9°45 | 16°18 | F 11 |
| S 12 | 17 23 11 | 21°42'04 | 5♌16 | 27°45 | 10°51 | 13°38 | 19°14 | 20° 0 | 17°24 | 23°51 | 0°56 | 13°55 | 12°43 | 9°52 | 16°18 | S 12 |
| S 13 | 17 27 7 | 22°39'32 | 17°25 | 28°52 | 11°59 | 14°22 | 19°28 | 19°59 | 17°21 | 23°53 | 0°57 | 13°49 | 12°40 | 9°59 | 16°19 | S 13 |
| M14 | 17 31 4 | 23°36'59 | 29°25 | 0♊ 2 | 13° 8 | 15° 7 | 19°42 | 19°58 | 17°19 | 23°55 | 0°58 | 13°45 | 12°37 | 10° 5 | 16°19 | M14 |
| T 15 | 17 35 0 | 24°34'25 | 11♍18 | 1°16 | 14°16 | 15°51 | 19°56 | 19°56 | 17°16 | 23°57 | 1° 0 | 13°42 | 12°34 | 10°12 | 16°19 | T 15 |
| W16 | 17 38 57 | 25°31'49 | 23°10 | 2°33 | 15°25 | 16°36 | 20°10 | 19°55 | 17°14 | 23°59 | 1° 1 | 13°D41 | 12°31 | 10°19 | 16°20 | W16 |
| T 17 | 17 42 53 | 26°29'13 | 5♎ 5 | 3°53 | 16°34 | 17°20 | 20°24 | 19°53 | 17°11 | 24° 1 | 1° 3 | 13°41 | 12°28 | 10°25 | 16°20 | T 17 |
| F 18 | 17 46 50 | 27°26'35 | 17° 8 | 5°15 | 17°43 | 18° 4 | 20°38 | 19°51 | 17° 9 | 24° 3 | 1° 4 | 13°43 | 12°24 | 10°32 | 16°20 | F 18 |
| S 19 | 17 50 46 | 28°23'56 | 29°24 | 6°41 | 18°52 | 18°48 | 20°52 | 19°49 | 17° 6 | 24° 5 | 1° 6 | 13°44 | 12°21 | 10°39 | 16°R20 | S 19 |
| S 20 | 17 54 43 | 29°21'17 | 11♏58 | 8°10 | 20° 1 | 19°33 | 21° 6 | 19°47 | 17° 4 | 24° 7 | 1° 7 | 13°R45 | 12°18 | 10°46 | 16°20 | S 20 |
| M21 | 17 58 40 | 0♋18'37 | 24°52 | 9°42 | 21°10 | 20°17 | 21°20 | 19°45 | 17° 2 | 24° 9 | 1° 8 | 13°44 | 12°15 | 10°52 | 16°20 | M21 |
| T 22 | 18 2 36 | 1°15'56 | 8♐10 | 11°16 | 22°19 | 21° 1 | 21°34 | 19°43 | 16°59 | 24°11 | 1°10 | 13°42 | 12°12 | 10°59 | 16°20 | T 22 |
| W23 | 18 6 33 | 2°13'14 | 21°50 | 12°54 | 23°28 | 21°45 | 21°47 | 19°41 | 16°57 | 24°13 | 1°11 | 13°37 | 12° 9 | 11° 6 | 16°19 | W23 |
| T 24 | 18 10 29 | 3°10'31 | 5♑52 | 14°34 | 24°38 | 22°28 | 22° 1 | 19°39 | 16°54 | 24°16 | 1°13 | 13°31 | 12° 5 | 11°12 | 16°19 | T 24 |
| F 25 | 18 14 26 | 4° 7'48 | 20°12 | 16°17 | 25°47 | 23°12 | 22°15 | 19°36 | 16°52 | 24°18 | 1°14 | 13°23 | 12° 2 | 11°19 | 16°19 | F 25 |
| S 26 | 18 18 22 | 5° 5'05 | 4♒42 | 18° 3 | 26°57 | 23°56 | 22°29 | 19°34 | 16°50 | 24°20 | 1°15 | 13°16 | 11°59 | 11°26 | 16°18 | S 26 |
| S 27 | 18 22 19 | 6° 2'21 | 19°18 | 19°52 | 28° 6 | 24°40 | 22°43 | 19°31 | 16°47 | 24°22 | 1°17 | 13° 8 | 11°56 | 11°33 | 16°18 | S 27 |
| M28 | 18 26 15 | 6°59'37 | 3♓51 | 21°44 | 29°16 | 25°23 | 22°56 | 19°29 | 16°45 | 24°24 | 1°18 | 13° 3 | 11°53 | 11°39 | 16°18 | M28 |
| T 29 | 18 30 12 | 7°56'53 | 18°17 | 23°38 | 0♊25 | 26° 7 | 23°10 | 19°26 | 16°43 | 24°26 | 1°20 | 12°59 | 11°49 | 11°46 | 16°17 | T 29 |
| W30 | 18 34 9 | 8♋54'08 | 2♈32 | 25♊34 | 1♊35 | 26♉50 | 23♊24 | 19♒23 | 16♐41 | 24♋28 | 1♋21 | 12♏57 | 11♏46 | 11♍53 | 16♓16 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 4 | 4s19 | 4n49 | 13n57 | 3s42 | 8n54 | 2s 7 | 12n30 | 0s50 | 22n14 | 0s29 | 15s28 | 0s47 | 22s51 | 0s 1 | 20n44 | 0s37 | 16n13 | 7s10 | 16s 5 | 15s48 | 4n 0 | 0s34 | 5n17 |
| W 2 | 22 12 | 0n29 | 4 10 | 14 1 | 3 45 | 9 17 | 2 8 | 12 46 | 0 49 | 22 16 | 0 29 | 15 29 | 0 47 | 22 51 | 0 1 | 20 44 | 0 37 | 16 13 | 7 10 | 16 5 | 15 47 | 3 58 | 0 33 | 5 18 |
| T 3 | 22 19 | 5 15 | 3 16 | 14 8 | 3 46 | 9 39 | 2 9 | 13 1 | 0 49 | 22 17 | 0 29 | 15 29 | 0 47 | 22 51 | 0 1 | 20 43 | 0 37 | 16 13 | 7 10 | 16 5 | 15 46 | 3 55 | 0 33 | 5 18 |
| F 4 | 22 26 | 9 43 | 2 11 | 14 16 | 3 47 | 10 2 | 2 10 | 13 16 | 0 48 | 22 19 | 0 29 | 15 29 | 0 47 | 22 50 | 0 1 | 20 43 | 0 37 | 16 13 | 7 10 | 16 6 | 15 45 | 3 53 | 0 32 | 5 18 |
| S 5 | 22 33 | 13 37 | 0 58 | 14 27 | 3 47 | 10 24 | 2 11 | 13 31 | 0 48 | 22 20 | 0 29 | 15 29 | 0 47 | 22 50 | 0 1 | 20 43 | 0 37 | 16 13 | 7 10 | 16 6 | 15 44 | 3 51 | 0 31 | 5 19 |
| S 6 | 22 39 | 16 43 | 0s17 | 14 38 | 3 46 | 10 46 | 2 12 | 13 46 | 0 47 | 22 21 | 0 28 | 15 30 | 0 47 | 22 50 | 0 1 | 20 43 | 0 37 | 16 13 | 7 10 | 16 6 | 15 43 | 3 49 | 0 31 | 5 19 |
| M 7 | 22 45 | 18 51 | 1 30 | 14 52 | 3 44 | 11 8 | 2 13 | 14 1 | 0 47 | 22 23 | 0 28 | 15 30 | 0 48 | 22 50 | 0 1 | 20 42 | 0 37 | 16 13 | 7 10 | 16 6 | 15 42 | 3 47 | 0 30 | 5 19 |
| T 8 | 22 50 | 19 53 | 2 36 | 15 7 | 3 41 | 11 30 | 2 13 | 14 15 | 0 46 | 22 24 | 0 28 | 15 31 | 0 48 | 22 49 | 0 1 | 20 42 | 0 37 | 16 13 | 7 10 | 16 5 | 15 41 | 3 45 | 0 30 | 5 19 |
| W 9 | 22 55 | 19 48 | 3 33 | 15 23 | 3 38 | 11 51 | 2 14 | 14 29 | 0 46 | 22 25 | 0 28 | 15 31 | 0 48 | 22 49 | 0 1 | 20 42 | 0 37 | 16 13 | 7 10 | 16 4 | 15 40 | 3 43 | 0 29 | 5 20 |
| T 10 | 23 0 | 18 42 | 4 18 | 15 40 | 3 33 | 12 13 | 2 14 | 14 44 | 0 45 | 22 27 | 0 28 | 15 32 | 0 48 | 22 49 | 0 1 | 20 41 | 0 37 | 16 13 | 7 10 | 16 2 | 15 39 | 3 41 | 0 29 | 5 20 |
| F 11 | 23 4 | 16 41 | 4 50 | 15 59 | 3 29 | 12 34 | 2 14 | 14 58 | 0 45 | 22 28 | 0 28 | 15 32 | 0 48 | 22 49 | 0 1 | 20 41 | 0 37 | 16 13 | 7 10 | 16 1 | 15 38 | 3 38 | 0 28 | 5 20 |
| S 12 | 23 8 | 13 57 | 5 7 | 16 19 | 3 23 | 12 55 | 2 14 | 15 12 | 0 44 | 22 29 | 0 28 | 15 33 | 0 48 | 22 49 | 0 1 | 20 41 | 0 37 | 16 13 | 7 9 | 15 59 | 15 37 | 3 36 | 0 28 | 5 20 |
| S 13 | 23 11 | 10 39 | 5 10 | 16 39 | 3 17 | 13 16 | 2 14 | 15 25 | 0 43 | 22 30 | 0 28 | 15 33 | 0 48 | 22 48 | 0 1 | 20 40 | 0 37 | 16 13 | 7 9 | 15 57 | 15 36 | 3 34 | 0 28 | 5 21 |
| M14 | 23 14 | 6 59 | 4 59 | 17 1 | 3 10 | 13 36 | 2 14 | 15 39 | 0 43 | 22 32 | 0 28 | 15 34 | 0 49 | 22 48 | 0 1 | 20 40 | 0 37 | 16 14 | 7 9 | 15 56 | 15 35 | 3 32 | 0 27 | 5 21 |
| T 15 | 23 16 | 3 4 | 4 35 | 17 23 | 3 3 | 13 57 | 2 14 | 15 52 | 0 42 | 22 33 | 0 28 | 15 34 | 0 49 | 22 48 | 0 1 | 20 40 | 0 37 | 16 14 | 7 9 | 15 55 | 15 34 | 3 30 | 0 27 | 5 21 |
| W16 | 23 19 | 0s58 | 4 0 | 17 46 | 2 55 | 14 17 | 2 14 | 16 6 | 0 42 | 22 34 | 0 28 | 15 35 | 0 49 | 22 48 | 0 1 | 20 40 | 0 37 | 16 14 | 7 9 | 15 55 | 15 33 | 3 28 | 0 27 | 5 21 |
| T 17 | 23 20 | 4 59 | 3 14 | 18 9 | 2 47 | 14 37 | 2 14 | 16 19 | 0 41 | 22 35 | 0 27 | 15 36 | 0 49 | 22 47 | 0 1 | 20 39 | 0 37 | 16 14 | 7 9 | 15 55 | 15 32 | 3 26 | 0 26 | 5 22 |
| F 18 | 23 22 | 8 51 | 2 19 | 18 32 | 2 38 | 14 57 | 2 13 | 16 32 | 0 40 | 22 36 | 0 27 | 15 36 | 0 49 | 22 47 | 0 1 | 20 39 | 0 37 | 16 14 | 7 9 | 15 55 | 15 32 | 3 24 | 0 26 | 5 22 |
| S 19 | 23 22 | 12 26 | 1 17 | 18 56 | 2 29 | 15 16 | 2 13 | 16 44 | 0 40 | 22 37 | 0 27 | 15 37 | 0 49 | 22 47 | 0 1 | 20 39 | 0 37 | 16 14 | 7 9 | 15 55 | 15 31 | 3 21 | 0 26 | 5 22 |
| S 20 | 23 23 | 15 33 | 0 10 | 19 20 | 2 19 | 15 35 | 2 12 | 16 57 | 0 39 | 22 38 | 0 27 | 15 38 | 0 49 | 22 47 | 0 1 | 20 38 | 0 37 | 16 14 | 7 9 | 15 56 | 15 30 | 3 19 | 0 26 | 5 22 |
| M21 | 23 23 | 17 58 | 1n 0 | 19 44 | 2 9 | 15 54 | 2 11 | 17 9 | 0 39 | 22 39 | 0 27 | 15 39 | 0 50 | 22 47 | 0 1 | 20 38 | 0 37 | 16 14 | 7 9 | 15 56 | 15 29 | 3 17 | 0 25 | 5 23 |
| T 22 | 23 23 | 19 31 | 2 8 | 20 8 | 1 58 | 16 12 | 2 10 | 17 21 | 0 38 | 22 40 | 0 27 | 15 39 | 0 50 | 22 46 | 0 1 | 20 37 | 0 37 | 16 14 | 7 9 | 15 55 | 15 28 | 3 15 | 0 25 | 5 23 |
| W23 | 23 22 | 19 58 | 3 11 | 20 31 | 1 48 | 16 30 | 2 10 | 17 33 | 0 37 | 22 41 | 0 27 | 15 40 | 0 50 | 22 46 | 0 1 | 20 37 | 0 37 | 16 14 | 7 9 | 15 53 | 15 27 | 3 13 | 0 25 | 5 23 |
| T 24 | 23 21 | 19 12 | 4 3 | 20 54 | 1 37 | 16 48 | 2 9 | 17 45 | 0 37 | 22 42 | 0 27 | 15 41 | 0 50 | 22 46 | 0 1 | 20 37 | 0 37 | 16 14 | 7 9 | 15 52 | 15 26 | 3 11 | 0 25 | 5 23 |
| F 25 | 23 19 | 17 13 | 4 42 | 21 16 | 1 25 | 17 6 | 2 8 | 17 57 | 0 36 | 22 43 | 0 27 | 15 42 | 0 50 | 22 46 | 0 1 | 20 36 | 0 37 | 16 14 | 7 9 | 15 49 | 15 25 | 3 9 | 0 25 | 5 24 |
| S 26 | 23 17 | 14 8 | 5 3 | 21 37 | 1 14 | 17 23 | 2 6 | 18 8 | 0 35 | 22 44 | 0 27 | 15 43 | 0 50 | 22 46 | 0 1 | 20 36 | 0 37 | 16 14 | 7 9 | 15 47 | 15 24 | 3 7 | 0 25 | 5 24 |
| S 27 | 23 15 | 10 10 | 5 5 | 21 58 | 1 2 | 17 39 | 2 5 | 18 20 | 0 35 | 22 44 | 0 27 | 15 44 | 0 51 | 22 45 | 0 1 | 20 36 | 0 37 | 16 14 | 7 9 | 15 45 | 15 23 | 3 5 | 0 25 | 5 24 |
| M28 | 23 12 | 5 37 | 4 46 | 22 17 | 0 51 | 17 56 | 2 4 | 18 31 | 0 34 | 22 45 | 0 27 | 15 45 | 0 51 | 22 45 | 0 1 | 20 35 | 0 37 | 16 14 | 7 9 | 15 43 | 15 22 | 3 2 | 0 24 | 5 25 |
| T 29 | 23 9 | 0 47 | 4 10 | 22 35 | 0 39 | 18 12 | 2 2 | 18 42 | 0 33 | 22 46 | 0 27 | 15 46 | 0 51 | 22 45 | 0 1 | 20 35 | 0 37 | 16 14 | 7 9 | 15 42 | 15 21 | 3 0 | 0 24 | 5 25 |
| W30 | 23n 5 | 4n 3 | 3n19 | 22n51 | 0s27 | 18n27 | 2s 1 | 18n53 | 0s33 | 22n47 | 0s26 | 15s47 | 0s51 | 22s45 | 0s 1 | 20n35 | 0s37 | 16n14 | 7s 9 | 15s41 | 15s20 | 2n58 | 0s24 | 5n25 |

Julian Day Number = 2599254.5, Delta T = 08m51s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'39, Lahiri = 29°30'40


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## JULY 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 38 5 | 9♋51'24 | 16♈34 | 27♊33 | 2♊45 | 27♉34 | 23♊38 | 19°R20 | 16°R38 | 24♋31 | 1♋23 | 12°D57 | 11♏43 | 11♍59 | 16°R16 | T 1 |
| F 2 | 18 42 2 | 10°48'39 | 0♉23 | 29°34 | 3°55 | 28°17 | 23°51 | 19♒17 | 16♐36 | 24°33 | 1°24 | 12♏58 | 11°40 | 12° 6 | 16♓15 | F 2 |
| S 3 | 18 45 58 | 11°45'55 | 13°58 | 1♋38 | 5° 5 | 29° 1 | 24° 5 | 19°14 | 16°34 | 24°35 | 1°25 | 12°R58 | 11°37 | 12°13 | 16°14 | S 3 |
| S 4 | 18 49 55 | 12°43'10 | 27°21 | 3°43 | 6°15 | 29°44 | 24°18 | 19°11 | 16°32 | 24°37 | 1°27 | 12°57 | 11°34 | 12°19 | 16°13 | S 4 |
| M 5 | 18 53 51 | 13°40'26 | 10♊31 | 5°49 | 7°25 | 0♊27 | 24°32 | 19° 8 | 16°30 | 24°39 | 1°28 | 12°54 | 11°30 | 12°26 | 16°12 | M 5 |
| T 6 | 18 57 48 | 14°37'41 | 23°31 | 7°57 | 8°35 | 1°10 | 24°45 | 19° 5 | 16°28 | 24°41 | 1°30 | 12°49 | 11°27 | 12°33 | 16°11 | T 6 |
| W 7 | 19 1 44 | 15°34'57 | 6♋19 | 10° 6 | 9°46 | 1°53 | 24°59 | 19° 2 | 16°26 | 24°44 | 1°31 | 12°41 | 11°24 | 12°40 | 16°10 | W 7 |
| T 8 | 19 5 41 | 16°32'12 | 18°55 | 12°16 | 10°56 | 2°36 | 25°12 | 18°58 | 16°24 | 24°46 | 1°32 | 12°30 | 11°21 | 12°46 | 16° 9 | T 8 |
| F 9 | 19 9 38 | 17°29'27 | 1♌20 | 14°27 | 12° 6 | 3°19 | 25°26 | 18°55 | 16°22 | 24°48 | 1°34 | 12°19 | 11°18 | 12°53 | 16° 8 | F 9 |
| S 10 | 19 13 34 | 18°26'42 | 13°34 | 16°37 | 13°17 | 4° 2 | 25°39 | 18°52 | 16°20 | 24°50 | 1°35 | 12° 7 | 11°15 | 13° 0 | 16° 7 | S 10 |
| S 11 | 19 17 31 | 19°23'57 | 25°38 | 18°48 | 14°27 | 4°45 | 25°53 | 18°48 | 16°18 | 24°53 | 1°36 | 11°56 | 11°11 | 13° 6 | 16° 6 | S 11 |
| M12 | 19 21 27 | 20°21'12 | 7♍34 | 20°58 | 15°38 | 5°28 | 26° 6 | 18°44 | 16°16 | 24°55 | 1°38 | 11°47 | 11° 8 | 13°13 | 16° 5 | M12 |
| T 13 | 19 25 24 | 21°18'26 | 19°25 | 23° 8 | 16°49 | 6°10 | 26°19 | 18°41 | 16°14 | 24°57 | 1°39 | 11°41 | 11° 5 | 13°20 | 16° 3 | T 13 |
| W14 | 19 29 20 | 22°15'40 | 1♎15 | 25°17 | 17°59 | 6°53 | 26°32 | 18°37 | 16°12 | 24°59 | 1°41 | 11°36 | 11° 2 | 13°26 | 16° 2 | W14 |
| T 15 | 19 33 17 | 23°12'54 | 13° 8 | 27°25 | 19°10 | 7°35 | 26°46 | 18°33 | 16°10 | 25° 1 | 1°42 | 11°34 | 10°59 | 13°33 | 16° 0 | T 15 |
| F 16 | 19 37 13 | 24°10'08 | 25° 9 | 29°31 | 20°21 | 8°18 | 26°59 | 18°29 | 16° 8 | 25° 4 | 1°43 | 11°D34 | 10°55 | 13°40 | 15°59 | F 16 |
| S 17 | 19 41 10 | 25° 7'22 | 7♏23 | 1♌37 | 21°32 | 9° 0 | 27°12 | 18°26 | 16° 7 | 25° 6 | 1°45 | 11°R34 | 10°52 | 13°47 | 15°57 | S 17 |
| S 18 | 19 45 7 | 26° 4'35 | 19°56 | 3°41 | 22°43 | 9°42 | 27°25 | 18°22 | 16° 5 | 25° 8 | 1°46 | 11°34 | 10°49 | 13°53 | 15°56 | S 18 |
| M19 | 19 49 3 | 27° 1'49 | 2♐52 | 5°43 | 23°54 | 10°25 | 27°38 | 18°18 | 16° 3 | 25°10 | 1°47 | 11°32 | 10°46 | 14° 0 | 15°54 | M19 |
| T 20 | 19 53 0 | 27°59'03 | 16°15 | 7°43 | 25° 5 | 11° 7 | 27°51 | 18°14 | 16° 2 | 25°13 | 1°48 | 11°28 | 10°43 | 14° 7 | 15°52 | T 20 |
| W21 | 19 56 56 | 28°56'17 | 0♑ 5 | 9°42 | 26°16 | 11°49 | 28° 4 | 18°10 | 16° 0 | 25°15 | 1°50 | 11°22 | 10°40 | 14°13 | 15°51 | W21 |
| T 22 | 20 0 53 | 29°53'31 | 14°22 | 11°40 | 27°27 | 12°31 | 28°16 | 18° 6 | 15°58 | 25°17 | 1°51 | 11°13 | 10°36 | 14°20 | 15°49 | T 22 |
| F 23 | 20 4 49 | 0♌50'45 | 29° 1 | 13°35 | 28°38 | 13°13 | 28°29 | 18° 1 | 15°57 | 25°19 | 1°52 | 11° 3 | 10°33 | 14°27 | 15°47 | F 23 |
| S 24 | 20 8 46 | 1°47'59 | 13♒55 | 15°29 | 29°49 | 13°55 | 28°42 | 17°57 | 15°55 | 25°21 | 1°54 | 10°52 | 10°30 | 14°33 | 15°45 | S 24 |
| S 25 | 20 12 42 | 2°45'14 | 28°55 | 17°21 | 1♋ 0 | 14°36 | 28°55 | 17°53 | 15°54 | 25°24 | 1°55 | 10°42 | 10°27 | 14°40 | 15°43 | S 25 |
| M26 | 20 16 39 | 3°42'29 | 13♓51 | 19°11 | 2°12 | 15°18 | 29° 7 | 17°49 | 15°53 | 25°26 | 1°56 | 10°34 | 10°24 | 14°47 | 15°41 | M26 |
| T 27 | 20 20 36 | 4°39'46 | 28°35 | 20°59 | 3°23 | 16° 0 | 29°20 | 17°45 | 15°51 | 25°28 | 1°57 | 10°28 | 10°21 | 14°54 | 15°39 | T 27 |
| W28 | 20 24 32 | 5°37'02 | 13♈ 2 | 22°45 | 4°35 | 16°41 | 29°32 | 17°40 | 15°50 | 25°30 | 1°59 | 10°25 | 10°17 | 15° 0 | 15°37 | W28 |
| T 29 | 20 28 29 | 6°34'20 | 27° 9 | 24°30 | 5°46 | 17°23 | 29°45 | 17°36 | 15°49 | 25°33 | 2° 0 | 10°24 | 10°14 | 15° 7 | 15°35 | T 29 |
| F 30 | 20 32 25 | 7°31'38 | 10♉55 | 26°13 | 6°58 | 18° 4 | 29°57 | 17°32 | 15°47 | 25°35 | 2° 1 | 10°24 | 10°11 | 15°14 | 15°33 | F 30 |
| S 31 | 20 36 22 | 8♌28'58 | 24♉21 | 27♌54 | 8♋ 9 | 18♊45 | 0♋10 | 17♒27 | 15♐46 | 25♋37 | 2♋ 2 | 10♏23 | 10♏ 8 | 15♍20 | 15♓31 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 1 | 8n36 | 2n17 | 23n 6 | 0s16 | 18n42 | 1s59 | 19n 3 | 0s32 | 22n47 | 0s26 | 15s48 | 0s51 | 22s44 | 0s 1 | 20n34 | 0s36 | 16n14 | 7s 9 | 15s41 | 15s19 | 2n56 | 0s25 | 5n25 |
| F 2 | 22 57 | 12 37 | 1 7 | 23 19 | 0 4 | 18 57 | 1 58 | 19 13 | 0 31 | 22 48 | 0 26 | 15 49 | 0 51 | 22 44 | 0 1 | 20 34 | 0 36 | 16 14 | 7 9 | 15 42 | 15 18 | 2 54 | 0 25 | 5 25 |
| S 3 | 22 52 | 15 55 | 0s 5 | 23 29 | 0n 7 | 19 12 | 1 56 | 19 24 | 0 31 | 22 49 | 0 26 | 15 50 | 0 51 | 22 44 | 0 2 | 20 34 | 0 36 | 16 14 | 7 9 | 15 42 | 15 17 | 2 52 | 0 25 | 5 26 |
| S 4 | 22 47 | 18 17 | 1 16 | 23 38 | 0 18 | 19 25 | 1 54 | 19 34 | 0 30 | 22 50 | 0 26 | 15 51 | 0 52 | 22 44 | 0 2 | 20 33 | 0 36 | 16 14 | 7 9 | 15 42 | 15 16 | 2 50 | 0 25 | 5 26 |
| M 5 | 22 41 | 19 38 | 2 22 | 23 43 | 0 28 | 19 39 | 1 53 | 19 43 | 0 29 | 22 50 | 0 26 | 15 52 | 0 52 | 22 44 | 0 2 | 20 33 | 0 36 | 16 14 | 7 8 | 15 41 | 15 15 | 2 48 | 0 25 | 5 26 |
| T 6 | 22 35 | 19 55 | 3 19 | 23 47 | 0 38 | 19 52 | 1 51 | 19 53 | 0 29 | 22 51 | 0 26 | 15 53 | 0 52 | 22 43 | 0 2 | 20 32 | 0 36 | 16 14 | 7 8 | 15 39 | 15 14 | 2 45 | 0 25 | 5 26 |
| W 7 | 22 29 | 19 10 | 4 5 | 23 48 | 0 48 | 20 4 | 1 49 | 20 2 | 0 28 | 22 51 | 0 26 | 15 54 | 0 52 | 22 43 | 0 2 | 20 32 | 0 36 | 16 14 | 7 8 | 15 36 | 15 13 | 2 43 | 0 25 | 5 27 |
| T 8 | 22 22 | 17 28 | 4 38 | 23 46 | 0 57 | 20 16 | 1 47 | 20 11 | 0 27 | 22 52 | 0 26 | 15 56 | 0 52 | 22 43 | 0 2 | 20 32 | 0 36 | 16 14 | 7 8 | 15 33 | 15 12 | 2 41 | 0 25 | 5 27 |
| F 9 | 22 15 | 14 59 | 4 57 | 23 41 | 1 5 | 20 28 | 1 45 | 20 20 | 0 26 | 22 52 | 0 26 | 15 57 | 0 52 | 22 43 | 0 2 | 20 31 | 0 36 | 16 14 | 7 8 | 15 30 | 15 11 | 2 39 | 0 26 | 5 27 |
| S 10 | 22 7 | 11 53 | 5 2 | 23 33 | 1 13 | 20 38 | 1 43 | 20 29 | 0 26 | 22 53 | 0 26 | 15 58 | 0 52 | 22 43 | 0 2 | 20 31 | 0 36 | 16 14 | 7 8 | 15 26 | 15 10 | 2 37 | 0 26 | 5 27 |
| S 11 | 21 59 | 8 20 | 4 54 | 23 23 | 1 20 | 20 49 | 1 41 | 20 38 | 0 25 | 22 53 | 0 26 | 15 59 | 0 52 | 22 42 | 0 2 | 20 31 | 0 36 | 16 14 | 7 8 | 15 23 | 15 9 | 2 35 | 0 26 | 5 28 |
| M12 | 21 51 | 4 29 | 4 33 | 23 10 | 1 26 | 20 59 | 1 38 | 20 46 | 0 24 | 22 54 | 0 26 | 16 0 | 0 53 | 22 42 | 0 2 | 20 30 | 0 36 | 16 14 | 7 8 | 15 20 | 15 8 | 2 33 | 0 26 | 5 28 |
| T 13 | 21 42 | 0 30 | 4 0 | 22 55 | 1 32 | 21 8 | 1 36 | 20 54 | 0 23 | 22 54 | 0 26 | 16 2 | 0 53 | 22 42 | 0 2 | 20 30 | 0 36 | 16 14 | 7 8 | 15 18 | 15 7 | 2 31 | 0 27 | 5 28 |
| W14 | 21 33 | 3s30 | 3 17 | 22 37 | 1 36 | 21 17 | 1 34 | 21 2 | 0 23 | 22 55 | 0 26 | 16 3 | 0 53 | 22 42 | 0 2 | 20 29 | 0 36 | 16 14 | 7 8 | 15 17 | 15 6 | 2 29 | 0 27 | 5 28 |
| T 15 | 21 24 | 7 24 | 2 25 | 22 16 | 1 40 | 21 25 | 1 31 | 21 10 | 0 22 | 22 55 | 0 25 | 16 4 | 0 53 | 22 42 | 0 2 | 20 29 | 0 36 | 16 14 | 7 8 | 15 16 | 15 5 | 2 27 | 0 27 | 5 28 |
| F 16 | 21 14 | 11 3 | 1 26 | 21 54 | 1 44 | 21 33 | 1 29 | 21 17 | 0 21 | 22 56 | 0 25 | 16 6 | 0 53 | 22 42 | 0 2 | 20 29 | 0 36 | 16 14 | 7 8 | 15 16 | 15 4 | 2 24 | 0 28 | 5 29 |
| S 17 | 21 4 | 14 18 | 0 22 | 21 29 | 1 46 | 21 40 | 1 27 | 21 25 | 0 20 | 22 56 | 0 25 | 16 7 | 0 53 | 22 41 | 0 2 | 20 28 | 0 36 | 16 14 | 7 8 | 15 16 | 15 3 | 2 22 | 0 28 | 5 29 |
| S 18 | 20 53 | 16 58 | 0n44 | 21 2 | 1 48 | 21 47 | 1 24 | 21 32 | 0 20 | 22 56 | 0 25 | 16 8 | 0 53 | 22 41 | 0 2 | 20 28 | 0 36 | 16 14 | 7 9 | 15 16 | 15 2 | 2 20 | 0 29 | 5 29 |
| M19 | 20 42 | 18 53 | 1 50 | 20 34 | 1 49 | 21 53 | 1 22 | 21 39 | 0 19 | 22 57 | 0 25 | 16 9 | 0 53 | 22 41 | 0 2 | 20 27 | 0 36 | 16 14 | 7 9 | 15 16 | 15 1 | 2 18 | 0 29 | 5 29 |
| T 20 | 20 31 | 19 49 | 2 53 | 20 3 | 1 49 | 21 59 | 1 19 | 21 45 | 0 18 | 22 57 | 0 25 | 16 11 | 0 54 | 22 41 | 0 2 | 20 27 | 0 36 | 16 14 | 7 9 | 15 14 | 15 0 | 2 16 | 0 30 | 5 29 |
| W21 | 20 20 | 19 36 | 3 47 | 19 32 | 1 49 | 22 3 | 1 16 | 21 52 | 0 17 | 22 57 | 0 25 | 16 12 | 0 54 | 22 41 | 0 2 | 20 27 | 0 36 | 16 14 | 7 9 | 15 12 | 14 59 | 2 14 | 0 30 | 5 30 |
| T 22 | 20 8 | 18 9 | 4 29 | 18 59 | 1 48 | 22 8 | 1 14 | 21 58 | 0 17 | 22 57 | 0 25 | 16 14 | 0 54 | 22 41 | 0 2 | 20 26 | 0 36 | 16 14 | 7 9 | 15 10 | 14 58 | 2 12 | 0 31 | 5 30 |
| F 23 | 19 55 | 15 30 | 4 54 | 18 24 | 1 46 | 22 12 | 1 11 | 22 4 | 0 16 | 22 58 | 0 25 | 16 15 | 0 54 | 22 40 | 0 2 | 20 26 | 0 36 | 16 14 | 7 9 | 15 7 | 14 57 | 2 10 | 0 31 | 5 30 |
| S 24 | 19 43 | 11 49 | 5 0 | 17 49 | 1 44 | 22 15 | 1 8 | 22 10 | 0 15 | 22 58 | 0 25 | 16 16 | 0 54 | 22 40 | 0 2 | 20 25 | 0 36 | 16 14 | 7 9 | 15 3 | 14 56 | 2 8 | 0 32 | 5 30 |
| S 25 | 19 30 | 7 21 | 4 46 | 17 12 | 1 41 | 22 17 | 1 6 | 22 16 | 0 14 | 22 58 | 0 25 | 16 18 | 0 54 | 22 40 | 0 2 | 20 25 | 0 36 | 16 14 | 7 9 | 15 0 | 14 55 | 2 5 | 0 32 | 5 30 |
| M26 | 19 17 | 2 28 | 4 12 | 16 35 | 1 38 | 22 19 | 1 3 | 22 21 | 0 13 | 22 58 | 0 25 | 16 19 | 0 54 | 22 40 | 0 2 | 20 25 | 0 36 | 16 14 | 7 9 | 14 57 | 14 54 | 2 3 | 0 33 | 5 31 |
| T 27 | 19 3 | 2n31 | 3 22 | 15 57 | 1 34 | 22 20 | 1 0 | 22 26 | 0 13 | 22 58 | 0 25 | 16 21 | 0 54 | 22 40 | 0 2 | 20 24 | 0 36 | 16 13 | 7 9 | 14 56 | 14 53 | 2 1 | 0 33 | 5 31 |
| W28 | 18 49 | 7 16 | 2 19 | 15 18 | 1 29 | 22 21 | 0 57 | 22 32 | 0 12 | 22 58 | 0 25 | 16 22 | 0 54 | 22 40 | 0 2 | 20 24 | 0 36 | 16 13 | 7 9 | 14 55 | 14 52 | 1 59 | 0 34 | 5 31 |
| T 29 | 18 35 | 11 31 | 1 9 | 14 39 | 1 24 | 22 21 | 0 55 | 22 36 | 0 11 | 22 58 | 0 25 | 16 23 | 0 55 | 22 40 | 0 2 | 20 23 | 0 36 | 16 13 | 7 9 | 14 54 | 14 51 | 1 57 | 0 35 | 5 31 |
| F 30 | 18 21 | 15 1 | 0s 3 | 13 59 | 1 19 | 22 20 | 0 52 | 22 41 | 0 10 | 22 58 | 0 25 | 16 25 | 0 55 | 22 39 | 0 2 | 20 23 | 0 36 | 16 13 | 7 9 | 14 54 | 14 50 | 1 55 | 0 35 | 5 31 |
| S 31 | 18n 6 | 17n38 | 1s13 | 13n19 | 1n13 | 22n19 | 0s49 | 22n45 | 0s 9 | 22n59 | 0s25 | 16s26 | 0s55 | 22s39 | 0s 2 | 20n23 | 0s36 | 16n13 | 7s 9 | 14s54 | 14s49 | 1n53 | 0s36 | 5n31 |

Julian Day Number = 2599284.5, Delta T = 08m52s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'43, Lahiri = 29°30'45


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## AUGUST 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 40 18 | 9♌26'18 | 7♊31 | 29♌33 | 9♋21 | 19♊27 | 0♋22 | 17°R23 | 15°R45 | 25♋39 | 2♋ 3 | 10°R22 | 10♏ 5 | 15♍27 | 15°R28 | S 1 |
| M 2 | 20 44 15 | 10°23'39 | 20°25 | 1♍10 | 10°33 | 20° 8 | 0°34 | 17♒18 | 15♐44 | 25°41 | 2° 4 | 10♏18 | 10° 1 | 15°34 | 15♓26 | M 2 |
| T 3 | 20 48 11 | 11°21'02 | 3♋ 7 | 2°46 | 11°45 | 20°49 | 0°46 | 17°14 | 15°43 | 25°43 | 2° 6 | 10°11 | 9°58 | 15°40 | 15°24 | T 3 |
| W 4 | 20 52 8 | 12°18'25 | 15°38 | 4°20 | 12°57 | 21°30 | 0°58 | 17°10 | 15°42 | 25°46 | 2° 7 | 10° 1 | 9°55 | 15°47 | 15°22 | W 4 |
| T 5 | 20 56 5 | 13°15'48 | 27°58 | 5°52 | 14° 8 | 22°11 | 1°10 | 17° 5 | 15°41 | 25°48 | 2° 8 | 9°49 | 9°52 | 15°54 | 15°19 | T 5 |
| F 6 | 21 0 1 | 14°13'13 | 10♌11 | 7°22 | 15°20 | 22°52 | 1°22 | 17° 1 | 15°40 | 25°50 | 2° 9 | 9°36 | 9°49 | 16° 1 | 15°17 | F 6 |
| S 7 | 21 3 58 | 15°10'38 | 22°15 | 8°51 | 16°32 | 23°33 | 1°34 | 16°56 | 15°39 | 25°52 | 2°10 | 9°22 | 9°46 | 16° 7 | 15°14 | S 7 |
| S 8 | 21 7 54 | 16° 8'05 | 4♍12 | 10°17 | 17°45 | 24°13 | 1°46 | 16°52 | 15°38 | 25°54 | 2°11 | 9° 9 | 9°42 | 16°14 | 15°12 | S 8 |
| M 9 | 21 11 51 | 17° 5'32 | 16° 5 | 11°42 | 18°57 | 24°54 | 1°57 | 16°47 | 15°38 | 25°56 | 2°12 | 8°58 | 9°39 | 16°21 | 15° 9 | M 9 |
| T 10 | 21 15 47 | 18° 2'59 | 27°54 | 13° 5 | 20° 9 | 25°34 | 2° 9 | 16°43 | 15°37 | 25°58 | 2°13 | 8°50 | 9°36 | 16°27 | 15° 7 | T 10 |
| W11 | 21 19 44 | 19° 0'28 | 9♎42 | 14°26 | 21°21 | 26°15 | 2°21 | 16°38 | 15°36 | 26° 0 | 2°14 | 8°44 | 9°33 | 16°34 | 15° 4 | W11 |
| T 12 | 21 23 40 | 19°57'57 | 21°34 | 15°45 | 22°33 | 26°55 | 2°32 | 16°34 | 15°35 | 26° 3 | 2°15 | 8°41 | 9°30 | 16°41 | 15° 1 | T 12 |
| F 13 | 21 27 37 | 20°55'27 | 3♏34 | 17° 2 | 23°46 | 27°35 | 2°43 | 16°29 | 15°35 | 26° 5 | 2°16 | 8°D40 | 9°26 | 16°47 | 14°59 | F 13 |
| S 14 | 21 31 34 | 21°52'57 | 15°46 | 18°17 | 24°58 | 28°16 | 2°55 | 16°25 | 15°34 | 26° 7 | 2°17 | 8°R40 | 9°23 | 16°54 | 14°56 | S 14 |
| S 15 | 21 35 30 | 22°50'29 | 28°16 | 19°30 | 26°10 | 28°56 | 3° 6 | 16°20 | 15°34 | 26° 9 | 2°18 | 8°40 | 9°20 | 17° 1 | 14°53 | S 15 |
| M16 | 21 39 27 | 23°48'01 | 11♐ 9 | 20°41 | 27°23 | 29°36 | 3°17 | 16°16 | 15°33 | 26°11 | 2°19 | 8°39 | 9°17 | 17° 7 | 14°51 | M16 |
| T 17 | 21 43 23 | 24°45'34 | 24°29 | 21°49 | 28°35 | 0♋16 | 3°28 | 16°12 | 15°33 | 26°13 | 2°20 | 8°36 | 9°14 | 17°14 | 14°48 | T 17 |
| W18 | 21 47 20 | 25°43'08 | 8♑18 | 22°55 | 29°48 | 0°55 | 3°39 | 16° 7 | 15°33 | 26°15 | 2°21 | 8°30 | 9°11 | 17°21 | 14°45 | W18 |
| T 19 | 21 51 16 | 26°40'43 | 22°37 | 23°59 | 1♌ 1 | 1°35 | 3°50 | 16° 3 | 15°32 | 26°17 | 2°22 | 8°22 | 9° 7 | 17°28 | 14°42 | T 19 |
| F 20 | 21 55 13 | 27°38'18 | 7♒23 | 25° 0 | 2°13 | 2°15 | 4° 0 | 15°59 | 15°32 | 26°19 | 2°23 | 8°13 | 9° 4 | 17°34 | 14°40 | F 20 |
| S 21 | 21 59 9 | 28°35'55 | 22°27 | 25°58 | 3°26 | 2°54 | 4°11 | 15°54 | 15°32 | 26°21 | 2°24 | 8° 3 | 9° 1 | 17°41 | 14°37 | S 21 |
| S 22 | 22 3 6 | 29°33'33 | 7♓42 | 26°54 | 4°39 | 3°34 | 4°22 | 15°50 | 15°32 | 26°23 | 2°25 | 7°54 | 8°58 | 17°48 | 14°34 | S 22 |
| M23 | 22 7 3 | 0♍31'12 | 22°55 | 27°46 | 5°51 | 4°13 | 4°32 | 15°46 | 15°32 | 26°25 | 2°26 | 7°46 | 8°55 | 17°54 | 14°31 | M23 |
| T 24 | 22 10 59 | 1°28'52 | 7♈57 | 28°36 | 7° 4 | 4°52 | 4°42 | 15°42 | 15°D32 | 26°26 | 2°26 | 7°40 | 8°52 | 18° 1 | 14°28 | T 24 |
| W25 | 22 14 56 | 2°26'34 | 22°39 | 29°22 | 8°17 | 5°32 | 4°53 | 15°37 | 15°32 | 26°28 | 2°27 | 7°37 | 8°48 | 18° 8 | 14°25 | W25 |
| T 26 | 22 18 52 | 3°24'18 | 6♉58 | 0♎ 5 | 9°30 | 6°11 | 5° 3 | 15°33 | 15°32 | 26°30 | 2°28 | 7°D37 | 8°45 | 18°14 | 14°22 | T 26 |
| F 27 | 22 22 49 | 4°22'03 | 20°51 | 0°44 | 10°43 | 6°50 | 5°13 | 15°29 | 15°32 | 26°32 | 2°29 | 7°37 | 8°42 | 18°21 | 14°19 | F 27 |
| S 28 | 22 26 45 | 5°19'50 | 4♊19 | 1°19 | 11°56 | 7°29 | 5°23 | 15°25 | 15°32 | 26°34 | 2°29 | 7°R37 | 8°39 | 18°28 | 14°16 | S 28 |
| S 29 | 22 30 42 | 6°17'39 | 17°25 | 1°50 | 13° 9 | 8° 7 | 5°33 | 15°21 | 15°32 | 26°36 | 2°30 | 7°37 | 8°36 | 18°34 | 14°13 | S 29 |
| M30 | 22 34 38 | 7°15'29 | 0♋13 | 2°17 | 14°23 | 8°46 | 5°43 | 15°17 | 15°33 | 26°38 | 2°31 | 7°34 | 8°32 | 18°41 | 14°10 | M30 |
| T 31 | 22 38 35 | 8♍13'21 | 12♋44 | 2♎39 | 15♌36 | 9♋25 | 5♋52 | 15♒13 | 15♐33 | 26♋39 | 2♋32 | 7♏30 | 8♏29 | 18♍48 | 14♓ 7 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n51 | 19n15 | 2s18 | 12n39 | 1n 7 | 22n17 | 0s46 | 22n49 | 0s 8 | 22n59 | 0s25 | 16s28 | 0s55 | 22s39 | 0s 2 | 20n22 | 0s36 | 16n13 | 7s 9 | 14s54 | 14s48 | 1n51 | 0s37 | 5n31 |
| M 2 | 17 36 | 19 48 | 3 15 | 11 58 | 1 0 | 22 15 | 0 43 | 22 53 | 0 8 | 22 59 | 0 24 | 16 29 | 0 55 | 22 39 | 0 2 | 20 22 | 0 36 | 16 13 | 7 9 | 14 52 | 14 47 | 1 49 | 0 38 | 5 32 |
| T 3 | 17 20 | 19 21 | 4 0 | 11 17 | 0 53 | 22 12 | 0 40 | 22 57 | 0 7 | 22 59 | 0 24 | 16 31 | 0 55 | 22 39 | 0 2 | 20 21 | 0 36 | 16 13 | 7 9 | 14 50 | 14 46 | 1 47 | 0 38 | 5 32 |
| W 4 | 17 4 | 17 56 | 4 34 | 10 36 | 0 46 | 22 8 | 0 37 | 23 1 | 0 6 | 22 59 | 0 24 | 16 32 | 0 55 | 22 39 | 0 2 | 20 21 | 0 36 | 16 13 | 7 9 | 14 47 | 14 45 | 1 45 | 0 39 | 5 32 |
| T 5 | 16 48 | 15 43 | 4 54 | 9 56 | 0 38 | 22 4 | 0 35 | 23 4 | 0 5 | 22 58 | 0 24 | 16 33 | 0 55 | 22 39 | 0 2 | 20 21 | 0 36 | 16 13 | 7 9 | 14 43 | 14 44 | 1 42 | 0 40 | 5 32 |
| F 6 | 16 32 | 12 50 | 5 0 | 9 15 | 0 30 | 21 59 | 0 32 | 23 7 | 0 4 | 22 58 | 0 24 | 16 35 | 0 55 | 22 39 | 0 2 | 20 20 | 0 36 | 16 13 | 7 9 | 14 39 | 14 43 | 1 40 | 0 41 | 5 32 |
| S 7 | 16 15 | 9 27 | 4 52 | 8 34 | 0 21 | 21 53 | 0 29 | 23 10 | 0 3 | 22 58 | 0 24 | 16 36 | 0 55 | 22 39 | 0 2 | 20 20 | 0 36 | 16 13 | 7 9 | 14 35 | 14 42 | 1 38 | 0 42 | 5 32 |
| S 8 | 15 58 | 5 43 | 4 32 | 7 53 | 0 13 | 21 47 | 0 26 | 23 13 | 0 3 | 22 58 | 0 24 | 16 38 | 0 55 | 22 39 | 0 2 | 20 20 | 0 36 | 16 13 | 7 9 | 14 31 | 14 41 | 1 36 | 0 42 | 5 32 |
| M 9 | 15 41 | 1 47 | 4 0 | 7 13 | 0 4 | 21 40 | 0 23 | 23 15 | 0 2 | 22 58 | 0 24 | 16 39 | 0 56 | 22 39 | 0 2 | 20 19 | 0 36 | 16 13 | 7 9 | 14 27 | 14 40 | 1 34 | 0 43 | 5 32 |
| T 10 | 15 23 | 2s12 | 3 18 | 6 33 | 0s 5 | 21 33 | 0 20 | 23 18 | 0 1 | 22 58 | 0 24 | 16 41 | 0 56 | 22 38 | 0 2 | 20 19 | 0 36 | 16 13 | 7 10 | 14 25 | 14 39 | 1 32 | 0 44 | 5 33 |
| W11 | 15 5 | 6 5 | 2 27 | 5 53 | 0 15 | 21 25 | 0 17 | 23 20 | 0n 0 | 22 58 | 0 24 | 16 42 | 0 56 | 22 38 | 0 2 | 20 18 | 0 36 | 16 12 | 7 10 | 14 23 | 14 38 | 1 30 | 0 45 | 5 33 |
| T 12 | 14 48 | 9 46 | 1 29 | 5 14 | 0 24 | 21 16 | 0 14 | 23 22 | 0 1 | 22 58 | 0 24 | 16 43 | 0 56 | 22 38 | 0 2 | 20 18 | 0 36 | 16 12 | 7 10 | 14 22 | 14 37 | 1 28 | 0 46 | 5 33 |
| F 13 | 14 29 | 13 6 | 0 27 | 4 35 | 0 34 | 21 7 | 0 11 | 23 24 | 0 2 | 22 58 | 0 24 | 16 45 | 0 56 | 22 38 | 0 2 | 20 18 | 0 36 | 16 12 | 7 10 | 14 21 | 14 36 | 1 26 | 0 47 | 5 33 |
| S 14 | 14 11 | 15 55 | 0n38 | 3 57 | 0 44 | 20 57 | 0 9 | 23 25 | 0 3 | 22 57 | 0 24 | 16 46 | 0 56 | 22 38 | 0 2 | 20 17 | 0 36 | 16 12 | 7 10 | 14 21 | 14 35 | 1 24 | 0 48 | 5 33 |
| S 15 | 13 52 | 18 4 | 1 42 | 3 19 | 0 54 | 20 46 | 0 6 | 23 26 | 0 4 | 22 57 | 0 24 | 16 48 | 0 56 | 22 38 | 0 2 | 20 17 | 0 36 | 16 12 | 7 10 | 14 21 | 14 34 | 1 22 | 0 49 | 5 33 |
| M16 | 13 33 | 19 22 | 2 43 | 2 42 | 1 4 | 20 35 | 0 3 | 23 28 | 0 4 | 22 57 | 0 24 | 16 49 | 0 56 | 22 38 | 0 2 | 20 16 | 0 36 | 16 12 | 7 10 | 14 21 | 14 33 | 1 19 | 0 50 | 5 33 |
| T 17 | 13 14 | 19 38 | 3 38 | 2 6 | 1 15 | 20 24 | 0 0 | 23 28 | 0 5 | 22 57 | 0 24 | 16 50 | 0 56 | 22 38 | 0 2 | 20 16 | 0 36 | 16 12 | 7 10 | 14 20 | 14 32 | 1 17 | 0 51 | 5 33 |
| W18 | 12 55 | 18 46 | 4 22 | 1 30 | 1 25 | 20 11 | 0n 3 | 23 29 | 0 6 | 22 56 | 0 24 | 16 52 | 0 56 | 22 38 | 0 2 | 20 16 | 0 36 | 16 12 | 7 10 | 14 18 | 14 31 | 1 15 | 0 52 | 5 33 |
| T 19 | 12 36 | 16 42 | 4 51 | 0 55 | 1 36 | 19 59 | 0 5 | 23 30 | 0 7 | 22 56 | 0 24 | 16 53 | 0 56 | 22 38 | 0 2 | 20 15 | 0 36 | 16 12 | 7 10 | 14 16 | 14 30 | 1 13 | 0 53 | 5 33 |
| F 20 | 12 16 | 13 30 | 5 2 | 0 21 | 1 46 | 19 45 | 0 8 | 23 30 | 0 8 | 22 56 | 0 24 | 16 54 | 0 56 | 22 38 | 0 2 | 20 15 | 0 36 | 16 12 | 7 10 | 14 13 | 14 29 | 1 11 | 0 54 | 5 33 |
| S 21 | 11 56 | 9 22 | 4 53 | 0s11 | 1 57 | 19 31 | 0 11 | 23 30 | 0 9 | 22 56 | 0 24 | 16 56 | 0 56 | 22 38 | 0 2 | 20 15 | 0 36 | 16 12 | 7 10 | 14 10 | 14 28 | 1 9 | 0 55 | 5 33 |
| S 22 | 11 36 | 4 36 | 4 23 | 0 43 | 2 7 | 19 17 | 0 14 | 23 30 | 0 10 | 22 55 | 0 23 | 16 57 | 0 56 | 22 38 | 0 2 | 20 14 | 0 36 | 16 11 | 7 10 | 14 7 | 14 27 | 1 7 | 0 56 | 5 33 |
| M23 | 11 16 | 0n29 | 3 34 | 1 14 | 2 18 | 19 2 | 0 16 | 23 30 | 0 11 | 22 55 | 0 23 | 16 58 | 0 57 | 22 38 | 0 2 | 20 14 | 0 36 | 16 11 | 7 11 | 14 4 | 14 26 | 1 5 | 0 57 | 5 33 |
| T 24 | 10 55 | 5 27 | 2 31 | 1 43 | 2 29 | 18 46 | 0 19 | 23 29 | 0 12 | 22 55 | 0 23 | 17 0 | 0 57 | 22 38 | 0 2 | 20 14 | 0 36 | 16 11 | 7 11 | 14 2 | 14 25 | 1 3 | 0 58 | 5 33 |
| W25 | 10 35 | 10 1 | 1 19 | 2 11 | 2 39 | 18 30 | 0 22 | 23 29 | 0 13 | 22 54 | 0 23 | 17 1 | 0 57 | 22 38 | 0 2 | 20 13 | 0 36 | 16 11 | 7 11 | 14 1 | 14 24 | 1 1 | 0 59 | 5 33 |
| T 26 | 10 14 | 13 52 | 0 3 | 2 37 | 2 49 | 18 13 | 0 24 | 23 28 | 0 14 | 22 54 | 0 23 | 17 2 | 0 57 | 22 38 | 0 2 | 20 13 | 0 36 | 16 11 | 7 11 | 14 1 | 14 23 | 0 59 | 1 0 | 5 33 |
| F 27 | 9 53 | 16 48 | 1s10 | 3 2 | 3 0 | 17 56 | 0 27 | 23 27 | 0 15 | 22 54 | 0 23 | 17 4 | 0 57 | 22 38 | 0 2 | 20 12 | 0 36 | 16 11 | 7 11 | 14 1 | 14 22 | 0 57 | 1 2 | 5 33 |
| S 28 | 9 32 | 18 42 | 2 18 | 3 25 | 3 10 | 17 38 | 0 29 | 23 26 | 0 16 | 22 53 | 0 23 | 17 5 | 0 57 | 22 38 | 0 2 | 20 12 | 0 36 | 16 11 | 7 11 | 14 1 | 14 21 | 0 55 | 1 3 | 5 33 |
| S 29 | 9 11 | 19 32 | 3 16 | 3 47 | 3 19 | 17 20 | 0 32 | 23 25 | 0 16 | 22 53 | 0 23 | 17 6 | 0 57 | 22 38 | 0 2 | 20 12 | 0 36 | 16 11 | 7 11 | 14 1 | 14 20 | 0 52 | 1 4 | 5 33 |
| M30 | 8 50 | 19 20 | 4 3 | 4 6 | 3 29 | 17 2 | 0 34 | 23 23 | 0 17 | 22 53 | 0 23 | 17 7 | 0 57 | 22 38 | 0 2 | 20 11 | 0 36 | 16 11 | 7 11 | 14 0 | 14 19 | 0 50 | 1 5 | 5 33 |
| T 31 | 8n28 | 18n11 | 4s37 | 4s23 | 3s38 | 16n42 | 0n37 | 23n21 | 0n18 | 22n52 | 0s23 | 17s 9 | 0s57 | 22s38 | 0s 2 | 20n11 | 0s36 | 16n10 | 7s11 | 13s59 | 14s18 | 0n48 | 1s 6 | 5n33 |

Julian Day Number = 2599315.5, Delta T = 08m52s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'47, Lahiri = 29°30'49


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## SEPTEMBER 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 42 32 | 9♍11'15 | 25♋ 3 | 2♎56 | 16♌49 | 10♋ 3 | 6♋ 2 | 15°R 9 | 15♐33 | 26♋41 | 2♋32 | 7°R22 | 8♏26 | 18♍55 | 14°R 4 | W 1 |
| T 2 | 22 46 28 | 10° 9'10 | 7♌13 | 3° 9 | 18° 2 | 10°42 | 6°11 | 15♒ 5 | 15°34 | 26°43 | 2°33 | 7♏13 | 8°23 | 19° 1 | 14♓ 1 | T 2 |
| F 3 | 22 50 25 | 11° 7'07 | 19°15 | 3°15 | 19°16 | 11°20 | 6°20 | 15° 2 | 15°34 | 26°45 | 2°34 | 7° 3 | 8°20 | 19° 8 | 13°58 | F 3 |
| S 4 | 22 54 21 | 12° 5'06 | 1♍11 | 3°R17 | 20°29 | 11°58 | 6°30 | 14°58 | 15°35 | 26°46 | 2°34 | 6°52 | 8°17 | 19°15 | 13°55 | S 4 |
| S 5 | 22 58 18 | 13° 3'06 | 13° 3 | 3°12 | 21°43 | 12°36 | 6°39 | 14°54 | 15°36 | 26°48 | 2°35 | 6°42 | 8°13 | 19°21 | 13°52 | S 5 |
| M 6 | 23 2 14 | 14° 1'07 | 24°53 | 3° 1 | 22°56 | 13°14 | 6°47 | 14°50 | 15°36 | 26°50 | 2°35 | 6°34 | 8°10 | 19°28 | 13°49 | M 6 |
| T 7 | 23 6 11 | 14°59'10 | 6♎42 | 2°45 | 24°10 | 13°52 | 6°56 | 14°47 | 15°37 | 26°51 | 2°36 | 6°27 | 8° 7 | 19°35 | 13°46 | T 7 |
| W 8 | 23 10 7 | 15°57'15 | 18°32 | 2°21 | 25°23 | 14°30 | 7° 5 | 14°43 | 15°38 | 26°53 | 2°36 | 6°23 | 8° 4 | 19°41 | 13°43 | W 8 |
| T 9 | 23 14 4 | 16°55'21 | 0♏27 | 1°52 | 26°37 | 15° 8 | 7°14 | 14°40 | 15°38 | 26°54 | 2°37 | 6°22 | 8° 1 | 19°48 | 13°40 | T 9 |
| F 10 | 23 18 0 | 17°53'29 | 12°30 | 1°17 | 27°50 | 15°45 | 7°22 | 14°37 | 15°39 | 26°56 | 2°37 | 6°D22 | 7°58 | 19°55 | 13°37 | F 10 |
| S 11 | 23 21 57 | 18°51'38 | 24°43 | 0°36 | 29° 4 | 16°23 | 7°30 | 14°33 | 15°40 | 26°57 | 2°38 | 6°23 | 7°54 | 20° 1 | 13°34 | S 11 |
| S 12 | 23 25 54 | 19°49'48 | 7♐13 | 29♍50 | 0♍18 | 17° 0 | 7°38 | 14°30 | 15°41 | 26°59 | 2°38 | 6°24 | 7°51 | 20° 8 | 13°31 | S 12 |
| M13 | 23 29 50 | 20°48'01 | 20° 3 | 28°59 | 1°32 | 17°37 | 7°46 | 14°27 | 15°42 | 27° 0 | 2°39 | 6°R24 | 7°48 | 20°15 | 13°28 | M13 |
| T 14 | 23 33 47 | 21°46'14 | 3♑18 | 28° 4 | 2°45 | 18°15 | 7°54 | 14°24 | 15°43 | 27° 2 | 2°39 | 6°24 | 7°45 | 20°21 | 13°26 | T 14 |
| W15 | 23 37 43 | 22°44'29 | 17° 0 | 27° 5 | 3°59 | 18°52 | 8° 2 | 14°21 | 15°44 | 27° 3 | 2°40 | 6°21 | 7°42 | 20°28 | 13°23 | W15 |
| T 16 | 23 41 40 | 23°42'45 | 1♒10 | 26° 6 | 5°13 | 19°28 | 8°10 | 14°18 | 15°45 | 27° 5 | 2°40 | 6°17 | 7°38 | 20°35 | 13°20 | T 16 |
| F 17 | 23 45 36 | 24°41'03 | 15°47 | 25° 5 | 6°27 | 20° 5 | 8°17 | 14°15 | 15°47 | 27° 6 | 2°40 | 6°12 | 7°35 | 20°42 | 13°17 | F 17 |
| S 18 | 23 49 33 | 25°39'23 | 0♓47 | 24° 5 | 7°41 | 20°42 | 8°24 | 14°12 | 15°48 | 27° 7 | 2°41 | 6° 6 | 7°32 | 20°48 | 13°14 | S 18 |
| S 19 | 23 53 29 | 26°37'44 | 16° 0 | 23° 7 | 8°55 | 21°18 | 8°32 | 14° 9 | 15°49 | 27° 9 | 2°41 | 6° 0 | 7°29 | 20°55 | 13°11 | S 19 |
| M20 | 23 57 26 | 27°36'06 | 1♈16 | 22°13 | 10° 9 | 21°55 | 8°39 | 14° 7 | 15°51 | 27°10 | 2°41 | 5°55 | 7°26 | 21° 2 | 13° 8 | M20 |
| T 21 | 0 1 23 | 28°34'31 | 16°26 | 21°24 | 11°23 | 22°31 | 8°45 | 14° 4 | 15°52 | 27°11 | 2°42 | 5°52 | 7°23 | 21° 8 | 13° 5 | T 21 |
| W22 | 0 5 19 | 29°32'57 | 1♉19 | 20°41 | 12°37 | 23° 7 | 8°52 | 14° 2 | 15°53 | 27°13 | 2°42 | 5°D51 | 7°19 | 21°15 | 13° 2 | W22 |
| T 23 | 0 9 16 | 0♎31'26 | 15°50 | 20° 5 | 13°51 | 23°43 | 8°59 | 13°59 | 15°55 | 27°14 | 2°42 | 5°51 | 7°16 | 21°22 | 12°59 | T 23 |
| F 24 | 0 13 12 | 1°29'57 | 29°54 | 19°37 | 15° 6 | 24°19 | 9° 5 | 13°57 | 15°56 | 27°15 | 2°42 | 5°53 | 7°13 | 21°28 | 12°57 | F 24 |
| S 25 | 0 17 9 | 2°28'30 | 13♊31 | 19°18 | 16°20 | 24°55 | 9°12 | 13°55 | 15°58 | 27°16 | 2°42 | 5°54 | 7°10 | 21°35 | 12°54 | S 25 |
| S 26 | 0 21 5 | 3°27'05 | 26°42 | 19°D 9 | 17°34 | 25°31 | 9°18 | 13°53 | 16° 0 | 27°17 | 2°43 | 5°55 | 7° 7 | 21°42 | 12°51 | S 26 |
| M27 | 0 25 2 | 4°25'42 | 9♋30 | 19° 9 | 18°48 | 26° 7 | 9°24 | 13°51 | 16° 1 | 27°18 | 2°43 | 5°R55 | 7° 3 | 21°48 | 12°48 | M27 |
| T 28 | 0 28 58 | 5°24'22 | 21°59 | 19°19 | 20° 3 | 26°42 | 9°29 | 13°49 | 16° 3 | 27°20 | 2°43 | 5°54 | 7° 0 | 21°55 | 12°46 | T 28 |
| W29 | 0 32 55 | 6°23'03 | 4♌14 | 19°39 | 21°17 | 27°17 | 9°35 | 13°47 | 16° 5 | 27°21 | 2°43 | 5°51 | 6°57 | 22° 2 | 12°43 | W29 |
| T 30 | 0 36 52 | 7♎21'47 | 16♌17 | 20♍ 8 | 22♍31 | 27♋52 | 9♋41 | 13♒45 | 16♐ 7 | 27♋22 | 2♋43 | 5♏48 | 6♏54 | 22♍ 8 | 12♓40 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n 6 | 16n11 | 4s58 | 4s38 | 3s46 | 16n23 | 0n39 | 23n20 | 0n19 | 22n52 | 0s23 | 17s10 | 0s57 | 22s38 | 0s 2 | 20n11 | 0s36 | 16n10 | 7s11 | 13s56 | 14s17 | 0n46 | 1s 7 | 5n33 |
| T 2 | 7 45 | 13 31 | 5 5 | 4 50 | 3 54 | 16 3 | 0 41 | 23 18 | 0 20 | 22 51 | 0 23 | 17 11 | 0 57 | 22 38 | 0 2 | 20 10 | 0 36 | 16 10 | 7 11 | 13 53 | 14 16 | 0 44 | 1 9 | 5 33 |
| F 3 | 7 23 | 10 18 | 4 58 | 4 59 | 4 1 | 15 42 | 0 44 | 23 15 | 0 21 | 22 51 | 0 23 | 17 12 | 0 57 | 22 38 | 0 2 | 20 10 | 0 36 | 16 10 | 7 12 | 13 50 | 14 15 | 0 42 | 1 10 | 5 33 |
| S 4 | 7 1 | 6 41 | 4 38 | 5 5 | 4 8 | 15 21 | 0 46 | 23 13 | 0 22 | 22 51 | 0 23 | 17 13 | 0 57 | 22 38 | 0 2 | 20 10 | 0 36 | 16 10 | 7 12 | 13 47 | 14 14 | 0 40 | 1 11 | 5 33 |
| S 5 | 6 39 | 2 51 | 4 6 | 5 9 | 4 13 | 15 0 | 0 48 | 23 11 | 0 23 | 22 50 | 0 23 | 17 14 | 0 57 | 22 39 | 0 2 | 20 9 | 0 36 | 16 10 | 7 12 | 13 43 | 14 13 | 0 38 | 1 12 | 5 33 |
| M 6 | 6 16 | 1s 6 | 3 24 | 5 9 | 4 18 | 14 38 | 0 50 | 23 8 | 0 24 | 22 50 | 0 23 | 17 15 | 0 57 | 22 39 | 0 2 | 20 9 | 0 36 | 16 10 | 7 12 | 13 41 | 14 12 | 0 36 | 1 13 | 5 33 |
| T 7 | 5 54 | 5 0 | 2 33 | 5 5 | 4 22 | 14 16 | 0 52 | 23 5 | 0 25 | 22 49 | 0 23 | 17 16 | 0 57 | 22 39 | 0 2 | 20 9 | 0 36 | 16 10 | 7 12 | 13 38 | 14 11 | 0 34 | 1 15 | 5 33 |
| W 8 | 5 32 | 8 43 | 1 35 | 4 58 | 4 24 | 13 53 | 0 54 | 23 2 | 0 26 | 22 49 | 0 23 | 17 17 | 0 57 | 22 39 | 0 2 | 20 8 | 0 36 | 16 10 | 7 12 | 13 37 | 14 10 | 0 32 | 1 16 | 5 33 |
| T 9 | 5 9 | 12 6 | 0 32 | 4 48 | 4 25 | 13 30 | 0 56 | 22 59 | 0 27 | 22 49 | 0 23 | 17 19 | 0 57 | 22 39 | 0 2 | 20 8 | 0 36 | 16 9 | 7 12 | 13 37 | 14 9 | 0 30 | 1 17 | 5 33 |
| F 10 | 4 47 | 15 2 | 0n33 | 4 33 | 4 24 | 13 6 | 0 58 | 22 56 | 0 28 | 22 48 | 0 23 | 17 20 | 0 57 | 22 39 | 0 2 | 20 8 | 0 36 | 16 9 | 7 12 | 13 37 | 14 8 | 0 28 | 1 18 | 5 33 |
| S 11 | 4 24 | 17 20 | 1 38 | 4 15 | 4 22 | 12 43 | 1 0 | 22 52 | 0 29 | 22 48 | 0 23 | 17 20 | 0 57 | 22 39 | 0 2 | 20 8 | 0 36 | 16 9 | 7 12 | 13 37 | 14 7 | 0 26 | 1 19 | 5 32 |
| S 12 | 4 1 | 18 51 | 2 39 | 3 53 | 4 18 | 12 18 | 1 2 | 22 48 | 0 30 | 22 47 | 0 23 | 17 21 | 0 57 | 22 39 | 0 2 | 20 7 | 0 36 | 16 9 | 7 13 | 13 37 | 14 6 | 0 24 | 1 21 | 5 32 |
| M13 | 3 38 | 19 27 | 3 34 | 3 27 | 4 12 | 11 54 | 1 4 | 22 45 | 0 31 | 22 47 | 0 23 | 17 22 | 0 57 | 22 39 | 0 2 | 20 7 | 0 36 | 16 9 | 7 13 | 13 38 | 14 5 | 0 21 | 1 22 | 5 32 |
| T 14 | 3 15 | 19 1 | 4 20 | 2 58 | 4 4 | 11 29 | 1 5 | 22 41 | 0 32 | 22 47 | 0 22 | 17 23 | 0 57 | 22 39 | 0 2 | 20 7 | 0 36 | 16 9 | 7 13 | 13 37 | 14 4 | 0 19 | 1 23 | 5 32 |
| W15 | 2 52 | 17 28 | 4 53 | 2 26 | 3 54 | 11 4 | 1 7 | 22 37 | 0 33 | 22 46 | 0 22 | 17 24 | 0 57 | 22 40 | 0 2 | 20 6 | 0 36 | 16 9 | 7 13 | 13 37 | 14 3 | 0 17 | 1 24 | 5 32 |
| T 16 | 2 29 | 14 50 | 5 9 | 1 52 | 3 43 | 10 38 | 1 9 | 22 33 | 0 34 | 22 46 | 0 22 | 17 25 | 0 57 | 22 40 | 0 2 | 20 6 | 0 36 | 16 9 | 7 13 | 13 35 | 14 2 | 0 15 | 1 26 | 5 32 |
| F 17 | 2 6 | 11 12 | 5 6 | 1 15 | 3 29 | 10 13 | 1 10 | 22 28 | 0 36 | 22 45 | 0 22 | 17 26 | 0 57 | 22 40 | 0 2 | 20 6 | 0 36 | 16 8 | 7 13 | 13 33 | 14 1 | 0 13 | 1 27 | 5 32 |
| S 18 | 1 43 | 6 46 | 4 42 | 0 38 | 3 14 | 9 47 | 1 12 | 22 24 | 0 37 | 22 45 | 0 22 | 17 27 | 0 57 | 22 40 | 0 2 | 20 6 | 0 36 | 16 8 | 7 13 | 13 31 | 14 0 | 0 11 | 1 28 | 5 32 |
| S 19 | 1 20 | 1 51 | 3 58 | 0n 0 | 2 58 | 9 20 | 1 13 | 22 19 | 0 38 | 22 44 | 0 22 | 17 28 | 0 57 | 22 40 | 0 2 | 20 5 | 0 36 | 16 8 | 7 13 | 13 30 | 13 59 | 0 9 | 1 29 | 5 31 |
| M20 | 0 57 | 3n13 | 2 57 | 0 38 | 2 40 | 8 54 | 1 14 | 22 15 | 0 39 | 22 44 | 0 22 | 17 28 | 0 57 | 22 40 | 0 2 | 20 5 | 0 36 | 16 8 | 7 13 | 13 28 | 13 58 | 0 7 | 1 31 | 5 31 |
| T 21 | 0 34 | 8 3 | 1 44 | 1 15 | 2 21 | 8 27 | 1 16 | 22 10 | 0 40 | 22 44 | 0 22 | 17 29 | 0 57 | 22 40 | 0 2 | 20 5 | 0 36 | 16 8 | 7 14 | 13 27 | 13 57 | 0 5 | 1 32 | 5 31 |
| W22 | 0 11 | 12 18 | 0 25 | 1 49 | 2 1 | 8 0 | 1 17 | 22 5 | 0 41 | 22 43 | 0 22 | 17 30 | 0 57 | 22 41 | 0 2 | 20 5 | 0 36 | 16 8 | 7 14 | 13 27 | 13 55 | 0 3 | 1 33 | 5 31 |
| T 23 | 0s12 | 15 40 | 0s54 | 2 22 | 1 42 | 7 32 | 1 18 | 22 0 | 0 42 | 22 43 | 0 22 | 17 30 | 0 57 | 22 41 | 0 2 | 20 4 | 0 36 | 16 8 | 7 14 | 13 27 | 13 54 | 0 1 | 1 34 | 5 31 |
| F 24 | 0 36 | 18 0 | 2 8 | 2 51 | 1 22 | 7 5 | 1 19 | 21 55 | 0 43 | 22 42 | 0 22 | 17 31 | 0 57 | 22 41 | 0 2 | 20 4 | 0 36 | 16 8 | 7 14 | 13 27 | 13 53 | 0s 1 | 1 35 | 5 31 |
| S 25 | 0 59 | 19 12 | 3 11 | 3 16 | 1 2 | 6 37 | 1 20 | 21 49 | 0 44 | 22 42 | 0 22 | 17 32 | 0 57 | 22 41 | 0 2 | 20 4 | 0 36 | 16 8 | 7 14 | 13 28 | 13 52 | 0 3 | 1 37 | 5 30 |
| S 26 | 1 22 | 19 18 | 4 3 | 3 38 | 0 43 | 6 9 | 1 21 | 21 44 | 0 45 | 22 42 | 0 22 | 17 32 | 0 57 | 22 41 | 0 2 | 20 4 | 0 36 | 16 7 | 7 14 | 13 28 | 13 51 | 0 5 | 1 38 | 5 30 |
| M27 | 1 45 | 18 23 | 4 41 | 3 55 | 0 24 | 5 41 | 1 22 | 21 38 | 0 46 | 22 41 | 0 22 | 17 33 | 0 57 | 22 41 | 0 2 | 20 3 | 0 36 | 16 7 | 7 14 | 13 28 | 13 50 | 0 7 | 1 39 | 5 30 |
| T 28 | 2 9 | 16 35 | 5 4 | 4 7 | 0 6 | 5 12 | 1 23 | 21 33 | 0 47 | 22 41 | 0 22 | 17 34 | 0 57 | 22 42 | 0 2 | 20 3 | 0 36 | 16 7 | 7 14 | 13 27 | 13 49 | 0 9 | 1 40 | 5 30 |
| W29 | 2 32 | 14 5 | 5 13 | 4 15 | 0n11 | 4 44 | 1 24 | 21 27 | 0 49 | 22 41 | 0 22 | 17 34 | 0 57 | 22 42 | 0 2 | 20 3 | 0 36 | 16 7 | 7 14 | 13 27 | 13 48 | 0 11 | 1 42 | 5 30 |
| T 30 | 2s55 | 11n 1 | 5s 8 | 4n18 | 0n26 | 4n15 | 1n25 | 21n21 | 0n50 | 22n40 | 0s22 | 17s35 | 0s57 | 22s42 | 0s 2 | 20n 3 | 0s36 | 16n 7 | 7s15 | 13s25 | 13s47 | 0s13 | 1s43 | 5n29 |

Julian Day Number = 2599346.5, Delta T = 08m52s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'52, Lahiri = 29°30'53


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## OCTOBER 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 40 48 | 8♎20'33 | 28♌13 | 20♍46 | 23♍46 | 28♋27 | 9♋46 | 13°R44 | 16♐ 9 | 27♋23 | 2♋43 | 5°R43 | 6♏51 | 22♍15 | 12°R38 | F 1 |
| S 2 | 0 44 45 | 9°19'21 | 10♍ 4 | 21°33 | 25° 0 | 29° 2 | 9°51 | 13♒42 | 16°11 | 27°24 | 2°R43 | 5♏38 | 6°48 | 22°22 | 12♓35 | S 2 |
| S 3 | 0 48 41 | 10°18'11 | 21°54 | 22°29 | 26°15 | 29°37 | 9°56 | 13°40 | 16°12 | 27°24 | 2°43 | 5°34 | 6°44 | 22°28 | 12°33 | S 3 |
| M 4 | 0 52 38 | 11°17'03 | 3♎44 | 23°31 | 27°29 | 0♌12 | 10° 1 | 13°39 | 16°14 | 27°25 | 2°43 | 5°30 | 6°41 | 22°35 | 12°30 | M 4 |
| T 5 | 0 56 34 | 12°15'57 | 15°37 | 24°40 | 28°44 | 0°46 | 10° 5 | 13°38 | 16°17 | 27°26 | 2°43 | 5°28 | 6°38 | 22°42 | 12°28 | T 5 |
| W 6 | 1 0 31 | 13°14'54 | 27°34 | 25°56 | 29°59 | 1°20 | 10°10 | 13°37 | 16°19 | 27°27 | 2°43 | 5°26 | 6°35 | 22°49 | 12°25 | W 6 |
| T 7 | 1 4 27 | 14°13'52 | 9♏37 | 27°16 | 1♎13 | 1°55 | 10°14 | 13°35 | 16°21 | 27°28 | 2°43 | 5°D26 | 6°32 | 22°55 | 12°23 | T 7 |
| F 8 | 1 8 24 | 15°12'52 | 21°49 | 28°42 | 2°28 | 2°29 | 10°18 | 13°34 | 16°23 | 27°29 | 2°43 | 5°27 | 6°29 | 23° 2 | 12°20 | F 8 |
| S 9 | 1 12 20 | 16°11'54 | 4♐12 | 0♎12 | 3°42 | 3° 2 | 10°22 | 13°34 | 16°25 | 27°29 | 2°42 | 5°28 | 6°25 | 23° 9 | 12°18 | S 9 |
| S 10 | 1 16 17 | 17°10'57 | 16°49 | 1°45 | 4°57 | 3°36 | 10°26 | 13°33 | 16°27 | 27°30 | 2°42 | 5°30 | 6°22 | 23°15 | 12°16 | S 10 |
| M11 | 1 20 14 | 18°10'03 | 29°42 | 3°20 | 6°12 | 4°10 | 10°29 | 13°32 | 16°30 | 27°31 | 2°42 | 5°31 | 6°19 | 23°22 | 12°13 | M11 |
| T 12 | 1 24 10 | 19° 9'10 | 12♑56 | 4°59 | 7°27 | 4°43 | 10°33 | 13°31 | 16°32 | 27°31 | 2°42 | 5°R32 | 6°16 | 23°29 | 12°11 | T 12 |
| W13 | 1 28 7 | 20° 8'19 | 26°31 | 6°39 | 8°41 | 5°16 | 10°36 | 13°31 | 16°35 | 27°32 | 2°42 | 5°32 | 6°13 | 23°35 | 12° 9 | W13 |
| T 14 | 1 32 3 | 21° 7'30 | 10♒30 | 8°21 | 9°56 | 5°49 | 10°39 | 13°30 | 16°37 | 27°32 | 2°41 | 5°31 | 6° 9 | 23°42 | 12° 7 | T 14 |
| F 15 | 1 36 0 | 22° 6'42 | 24°51 | 10° 3 | 11°11 | 6°22 | 10°42 | 13°30 | 16°39 | 27°33 | 2°41 | 5°30 | 6° 6 | 23°49 | 12° 5 | F 15 |
| S 16 | 1 39 56 | 23° 5'56 | 9♓32 | 11°47 | 12°26 | 6°55 | 10°44 | 13°30 | 16°42 | 27°34 | 2°41 | 5°28 | 6° 3 | 23°55 | 12° 3 | S 16 |
| S 17 | 1 43 53 | 24° 5'12 | 24°28 | 13°31 | 13°41 | 7°27 | 10°47 | 13°30 | 16°44 | 27°34 | 2°41 | 5°27 | 6° 0 | 24° 2 | 12° 1 | S 17 |
| M18 | 1 47 49 | 25° 4'30 | 9♈30 | 15°16 | 14°56 | 8° 0 | 10°49 | 13°D30 | 16°47 | 27°34 | 2°40 | 5°26 | 5°57 | 24° 9 | 11°59 | M18 |
| T 19 | 1 51 46 | 26° 3'49 | 24°32 | 17° 1 | 16°10 | 8°32 | 10°51 | 13°30 | 16°50 | 27°35 | 2°40 | 5°25 | 5°54 | 24°15 | 11°57 | T 19 |
| W20 | 1 55 43 | 27° 3'11 | 9♉23 | 18°45 | 17°25 | 9° 4 | 10°53 | 13°30 | 16°52 | 27°35 | 2°39 | 5°D25 | 5°50 | 24°22 | 11°55 | W20 |
| T 21 | 1 59 39 | 28° 2'35 | 23°57 | 20°30 | 18°40 | 9°35 | 10°55 | 13°30 | 16°55 | 27°36 | 2°39 | 5°25 | 5°47 | 24°29 | 11°53 | T 21 |
| F 22 | 2 3 36 | 29° 2'01 | 8♊ 8 | 22°14 | 19°55 | 10° 7 | 10°56 | 13°31 | 16°58 | 27°36 | 2°39 | 5°26 | 5°44 | 24°35 | 11°52 | F 22 |
| S 23 | 2 7 32 | 0♏ 1'29 | 21°52 | 23°58 | 21°10 | 10°38 | 10°57 | 13°31 | 17° 1 | 27°36 | 2°38 | 5°26 | 5°41 | 24°42 | 11°50 | S 23 |
| S 24 | 2 11 29 | 1° 0'59 | 5♋11 | 25°42 | 22°25 | 11°10 | 10°58 | 13°32 | 17° 3 | 27°36 | 2°38 | 5°27 | 5°38 | 24°49 | 11°48 | S 24 |
| M25 | 2 15 25 | 2° 0'32 | 18° 5 | 27°25 | 23°40 | 11°41 | 10°59 | 13°33 | 17° 6 | 27°37 | 2°37 | 5°27 | 5°35 | 24°55 | 11°47 | M25 |
| T 26 | 2 19 22 | 3° 0'07 | 0♌38 | 29° 8 | 24°55 | 12°12 | 11° 0 | 13°33 | 17° 9 | 27°37 | 2°37 | 5°R27 | 5°31 | 25° 2 | 11°45 | T 26 |
| W27 | 2 23 18 | 3°59'44 | 12°53 | 0♏50 | 26°10 | 12°42 | 11° 0 | 13°34 | 17°12 | 27°37 | 2°36 | 5°27 | 5°28 | 25° 9 | 11°44 | W27 |
| T 28 | 2 27 15 | 4°59'23 | 24°55 | 2°32 | 27°25 | 13°13 | 11° 1 | 13°35 | 17°15 | 27°37 | 2°36 | 5°D27 | 5°25 | 25°15 | 11°42 | T 28 |
| F 29 | 2 31 12 | 5°59'05 | 6♍49 | 4°13 | 28°41 | 13°43 | 11°R 1 | 13°36 | 17°18 | 27°37 | 2°35 | 5°27 | 5°22 | 25°22 | 11°41 | F 29 |
| S 30 | 2 35 8 | 6°58'49 | 18°39 | 5°54 | 29°56 | 14°13 | 11° 1 | 13°38 | 17°21 | 27°R37 | 2°35 | 5°27 | 5°19 | 25°29 | 11°39 | S 30 |
| S 31 | 2 39 5 | 7♏58'35 | 0♎28 | 7♏34 | 1♏11 | 14♌43 | 11♋ 0 | 13♒39 | 17♐24 | 27♋37 | 2♋34 | 5♏28 | 5♏15 | 25♍36 | 11♓38 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s18 | 7n32 | 4s49 | 4n16 | 0n41 | 3n47 | 1n25 | 21n15 | 0n51 | 22n40 | 0s22 | 17s35 | 0s57 | 22s42 | 0s 2 | 20n 3 | 0s36 | 16n 7 | 7s15 | 13s24 | 13s46 | 0s16 | 1s44 | 5n29 |
| S 2 | 3 41 | 3 47 | 4 19 | 4 10 | 0 54 | 3 18 | 1 26 | 21 9 | 0 52 | 22 40 | 0 22 | 17 36 | 0 57 | 22 42 | 0 2 | 20 2 | 0 36 | 16 7 | 7 15 | 13 22 | 13 45 | 0 18 | 1 45 | 5 29 |
| S 3 | 4 4 | 0s 7 | 3 37 | 3 59 | 1 6 | 2 49 | 1 26 | 21 3 | 0 53 | 22 39 | 0 22 | 17 36 | 0 57 | 22 43 | 0 2 | 20 2 | 0 36 | 16 7 | 7 15 | 13 21 | 13 44 | 0 20 | 1 46 | 5 29 |
| M 4 | 4 27 | 4 1 | 2 46 | 3 44 | 1 16 | 2 19 | 1 27 | 20 57 | 0 54 | 22 39 | 0 22 | 17 36 | 0 57 | 22 43 | 0 2 | 20 2 | 0 36 | 16 6 | 7 15 | 13 20 | 13 43 | 0 22 | 1 47 | 5 28 |
| T 5 | 4 50 | 7 47 | 1 47 | 3 25 | 1 25 | 1 50 | 1 27 | 20 51 | 0 55 | 22 39 | 0 22 | 17 37 | 0 57 | 22 43 | 0 2 | 20 2 | 0 36 | 16 6 | 7 15 | 13 19 | 13 42 | 0 24 | 1 49 | 5 28 |
| W 6 | 5 13 | 11 15 | 0 43 | 3 2 | 1 33 | 1 21 | 1 27 | 20 44 | 0 57 | 22 38 | 0 22 | 17 37 | 0 57 | 22 43 | 0 2 | 20 2 | 0 36 | 16 6 | 7 15 | 13 18 | 13 41 | 0 26 | 1 50 | 5 28 |
| T 7 | 5 36 | 14 18 | 0n23 | 2 36 | 1 40 | 0 51 | 1 28 | 20 38 | 0 58 | 22 38 | 0 21 | 17 37 | 0 57 | 22 43 | 0 2 | 20 1 | 0 36 | 16 6 | 7 15 | 13 18 | 13 40 | 0 28 | 1 51 | 5 28 |
| F 8 | 5 59 | 16 44 | 1 29 | 2 7 | 1 45 | 0 22 | 1 28 | 20 31 | 0 59 | 22 38 | 0 21 | 17 38 | 0 57 | 22 44 | 0 2 | 20 1 | 0 36 | 16 6 | 7 16 | 13 18 | 13 39 | 0 30 | 1 52 | 5 27 |
| S 9 | 6 21 | 18 26 | 2 32 | 1 36 | 1 49 | 0s 7 | 1 28 | 20 25 | 1 0 | 22 38 | 0 21 | 17 38 | 0 57 | 22 44 | 0 2 | 20 1 | 0 36 | 16 6 | 7 16 | 13 19 | 13 38 | 0 32 | 1 53 | 5 27 |
| S 10 | 6 44 | 19 16 | 3 29 | 1 2 | 1 53 | 0 37 | 1 28 | 20 18 | 1 1 | 22 37 | 0 21 | 17 38 | 0 57 | 22 44 | 0 2 | 20 1 | 0 36 | 16 6 | 7 16 | 13 19 | 13 37 | 0 34 | 1 54 | 5 27 |
| M11 | 7 7 | 19 6 | 4 17 | 0 26 | 1 55 | 1 7 | 1 28 | 20 11 | 1 3 | 22 37 | 0 21 | 17 38 | 0 57 | 22 44 | 0 2 | 20 1 | 0 36 | 16 6 | 7 16 | 13 20 | 13 36 | 0 36 | 1 55 | 5 27 |
| T 12 | 7 29 | 17 54 | 4 53 | 0s12 | 1 56 | 1 36 | 1 28 | 20 4 | 1 4 | 22 37 | 0 21 | 17 38 | 0 57 | 22 45 | 0 2 | 20 1 | 0 36 | 16 6 | 7 16 | 13 20 | 13 35 | 0 38 | 1 56 | 5 26 |
| W13 | 7 51 | 15 41 | 5 13 | 0 51 | 1 56 | 2 6 | 1 28 | 19 58 | 1 5 | 22 37 | 0 21 | 17 39 | 0 57 | 22 45 | 0 2 | 20 1 | 0 36 | 16 5 | 7 16 | 13 20 | 13 34 | 0 40 | 1 58 | 5 26 |
| T 14 | 8 13 | 12 30 | 5 16 | 1 32 | 1 56 | 2 35 | 1 27 | 19 51 | 1 6 | 22 36 | 0 21 | 17 39 | 0 57 | 22 45 | 0 2 | 20 1 | 0 36 | 16 5 | 7 16 | 13 20 | 13 33 | 0 42 | 1 59 | 5 26 |
| F 15 | 8 36 | 8 30 | 4 59 | 2 13 | 1 54 | 3 5 | 1 27 | 19 44 | 1 8 | 22 36 | 0 21 | 17 39 | 0 57 | 22 45 | 0 2 | 20 0 | 0 37 | 16 5 | 7 16 | 13 19 | 13 32 | 0 44 | 2 0 | 5 25 |
| S 16 | 8 57 | 3 55 | 4 23 | 2 55 | 1 52 | 3 34 | 1 27 | 19 37 | 1 9 | 22 36 | 0 21 | 17 39 | 0 57 | 22 46 | 0 2 | 20 0 | 0 37 | 16 5 | 7 16 | 13 19 | 13 30 | 0 46 | 2 1 | 5 25 |
| S 17 | 9 19 | 0n59 | 3 28 | 3 38 | 1 50 | 4 3 | 1 26 | 19 30 | 1 10 | 22 36 | 0 21 | 17 39 | 0 57 | 22 46 | 0 2 | 20 0 | 0 37 | 16 5 | 7 16 | 13 18 | 13 29 | 0 48 | 2 2 | 5 25 |
| M18 | 9 41 | 5 53 | 2 19 | 4 21 | 1 47 | 4 33 | 1 26 | 19 23 | 1 11 | 22 36 | 0 21 | 17 39 | 0 57 | 22 46 | 0 2 | 20 0 | 0 37 | 16 5 | 7 17 | 13 18 | 13 28 | 0 50 | 2 3 | 5 25 |
| T 19 | 10 3 | 10 25 | 1 0 | 5 5 | 1 43 | 5 2 | 1 25 | 19 15 | 1 13 | 22 36 | 0 21 | 17 39 | 0 57 | 22 46 | 0 2 | 20 0 | 0 37 | 16 5 | 7 17 | 13 18 | 13 27 | 0 52 | 2 4 | 5 24 |
| W20 | 10 24 | 14 14 | 0s22 | 5 48 | 1 39 | 5 31 | 1 25 | 19 8 | 1 14 | 22 36 | 0 21 | 17 39 | 0 57 | 22 47 | 0 2 | 20 0 | 0 37 | 16 5 | 7 17 | 13 18 | 13 26 | 0 54 | 2 5 | 5 24 |
| T 21 | 10 45 | 17 5 | 1 41 | 6 32 | 1 35 | 6 0 | 1 24 | 19 1 | 1 15 | 22 36 | 0 21 | 17 39 | 0 57 | 22 47 | 0 2 | 20 0 | 0 37 | 16 5 | 7 17 | 13 18 | 13 25 | 0 56 | 2 6 | 5 24 |
| F 22 | 11 6 | 18 47 | 2 52 | 7 15 | 1 30 | 6 29 | 1 23 | 18 54 | 1 16 | 22 36 | 0 21 | 17 38 | 0 57 | 22 47 | 0 2 | 20 0 | 0 37 | 16 5 | 7 17 | 13 18 | 13 24 | 0 58 | 2 7 | 5 23 |
| S 23 | 11 27 | 19 18 | 3 51 | 7 58 | 1 25 | 6 58 | 1 22 | 18 47 | 1 18 | 22 35 | 0 21 | 17 38 | 0 57 | 22 48 | 0 2 | 20 0 | 0 37 | 16 4 | 7 17 | 13 18 | 13 23 | 1 0 | 2 8 | 5 23 |
| S 24 | 11 48 | 18 43 | 4 35 | 8 41 | 1 19 | 7 27 | 1 22 | 18 39 | 1 19 | 22 35 | 0 21 | 17 38 | 0 57 | 22 48 | 0 2 | 20 0 | 0 37 | 16 4 | 7 17 | 13 18 | 13 22 | 1 2 | 2 9 | 5 23 |
| M25 | 12 9 | 17 9 | 5 3 | 9 23 | 1 14 | 7 55 | 1 21 | 18 32 | 1 20 | 22 35 | 0 21 | 17 38 | 0 57 | 22 48 | 0 2 | 20 0 | 0 37 | 16 4 | 7 17 | 13 19 | 13 21 | 1 4 | 2 9 | 5 22 |
| T 26 | 12 29 | 14 49 | 5 17 | 10 5 | 1 8 | 8 23 | 1 20 | 18 25 | 1 22 | 22 35 | 0 20 | 17 38 | 0 57 | 22 48 | 0 2 | 20 0 | 0 37 | 16 4 | 7 17 | 13 19 | 13 20 | 1 6 | 2 10 | 5 22 |
| W27 | 12 49 | 11 52 | 5 15 | 10 46 | 1 2 | 8 52 | 1 19 | 18 17 | 1 23 | 22 35 | 0 20 | 17 37 | 0 57 | 22 49 | 0 2 | 20 0 | 0 37 | 16 4 | 7 17 | 13 19 | 13 19 | 1 8 | 2 11 | 5 22 |
| T 28 | 13 9 | 8 28 | 5 0 | 11 27 | 0 56 | 9 20 | 1 18 | 18 10 | 1 25 | 22 35 | 0 20 | 17 37 | 0 57 | 22 49 | 0 2 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 18 | 1 10 | 2 12 | 5 21 |
| F 29 | 13 29 | 4 47 | 4 32 | 12 7 | 0 49 | 9 47 | 1 16 | 18 3 | 1 26 | 22 36 | 0 20 | 17 37 | 0 57 | 22 49 | 0 2 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 17 | 1 12 | 2 13 | 5 21 |
| S 30 | 13 49 | 0 55 | 3 52 | 12 47 | 0 43 | 10 15 | 1 15 | 17 55 | 1 27 | 22 36 | 0 20 | 17 36 | 0 57 | 22 50 | 0 2 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 16 | 1 14 | 2 14 | 5 21 |
| S 31 | 14s 8 | 2s59 | 3s 3 | 13s26 | 0n36 | 10s42 | 1n14 | 17n48 | 1n29 | 22n36 | 0s20 | 17s36 | 0s57 | 22s50 | 0s 2 | 19n59 | 0s37 | 16n 4 | 7s18 | 13s19 | 13s15 | 1s16 | 2s15 | 5n20 |

Julian Day Number = 2599376.5, Delta T = 08m52s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°23'56, Lahiri = 29°30'57


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## NOVEMBER 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 43 1 | 8♏58'23 | 12♎21 | 9♏13 | 2♏26 | 15♌12 | 11°R 0 | 13♒40 | 17♐27 | 27°R37 | 2°R33 | 5♏28 | 5♏12 | 25♍42 | 11°R37 | M 1 |
| T 2 | 2 46 58 | 9°58'13 | 24°19 | 10°52 | 3°41 | 15°41 | 10♋59 | 13°42 | 17°30 | 27♋37 | 2♋33 | 5°28 | 5° 9 | 25°49 | 11♓36 | T 2 |
| W 3 | 2 50 54 | 10°58'05 | 6♏26 | 12°31 | 4°56 | 16°10 | 10°58 | 13°43 | 17°33 | 27°37 | 2°32 | 5°R28 | 5° 6 | 25°56 | 11°35 | W 3 |
| T 4 | 2 54 51 | 11°57'59 | 18°42 | 14° 9 | 6°11 | 16°39 | 10°57 | 13°45 | 17°36 | 27°37 | 2°31 | 5°28 | 5° 3 | 26° 2 | 11°33 | T 4 |
| F 5 | 2 58 47 | 12°57'55 | 1♐11 | 15°46 | 7°27 | 17° 8 | 10°56 | 13°47 | 17°39 | 27°37 | 2°31 | 5°28 | 5° 0 | 26° 9 | 11°32 | F 5 |
| S 6 | 3 2 44 | 13°57'53 | 13°51 | 17°23 | 8°42 | 17°36 | 10°54 | 13°49 | 17°43 | 27°36 | 2°30 | 5°27 | 4°56 | 26°16 | 11°32 | S 6 |
| S 7 | 3 6 41 | 14°57'53 | 26°45 | 18°59 | 9°57 | 18° 4 | 10°52 | 13°51 | 17°46 | 27°36 | 2°29 | 5°25 | 4°53 | 26°22 | 11°31 | S 7 |
| M 8 | 3 10 37 | 15°57'54 | 9♑53 | 20°35 | 11°12 | 18°32 | 10°50 | 13°53 | 17°49 | 27°36 | 2°28 | 5°24 | 4°50 | 26°29 | 11°30 | M 8 |
| T 9 | 3 14 34 | 16°57'57 | 23°15 | 22°11 | 12°28 | 19° 0 | 10°48 | 13°55 | 17°52 | 27°36 | 2°28 | 5°23 | 4°47 | 26°36 | 11°29 | T 9 |
| W10 | 3 18 30 | 17°58'01 | 6♒52 | 23°46 | 13°43 | 19°27 | 10°46 | 13°57 | 17°56 | 27°35 | 2°27 | 5°22 | 4°44 | 26°42 | 11°28 | W10 |
| T 11 | 3 22 27 | 18°58'07 | 20°45 | 25°20 | 14°58 | 19°54 | 10°43 | 14° 0 | 17°59 | 27°35 | 2°26 | 5°D22 | 4°40 | 26°49 | 11°28 | T 11 |
| F 12 | 3 26 23 | 19°58'15 | 4♓52 | 26°55 | 16°13 | 20°21 | 10°41 | 14° 2 | 18° 2 | 27°34 | 2°25 | 5°22 | 4°37 | 26°56 | 11°27 | F 12 |
| S 13 | 3 30 20 | 20°58'24 | 19°12 | 28°28 | 17°29 | 20°47 | 10°38 | 14° 5 | 18° 6 | 27°34 | 2°24 | 5°23 | 4°34 | 27° 2 | 11°27 | S 13 |
| S 14 | 3 34 16 | 21°58'34 | 3♈43 | 0♐ 2 | 18°44 | 21°13 | 10°35 | 14° 7 | 18° 9 | 27°34 | 2°24 | 5°24 | 4°31 | 27° 9 | 11°26 | S 14 |
| M15 | 3 38 13 | 22°58'46 | 18°20 | 1°35 | 19°59 | 21°39 | 10°31 | 14°10 | 18°12 | 27°33 | 2°23 | 5°25 | 4°28 | 27°16 | 11°26 | M15 |
| T 16 | 3 42 10 | 23°58'59 | 2♉59 | 3° 8 | 21°14 | 22° 4 | 10°28 | 14°13 | 18°16 | 27°32 | 2°22 | 5°R26 | 4°25 | 27°22 | 11°25 | T 16 |
| W17 | 3 46 6 | 24°59'14 | 17°32 | 4°40 | 22°30 | 22°30 | 10°24 | 14°16 | 18°19 | 27°32 | 2°21 | 5°26 | 4°21 | 27°29 | 11°25 | W17 |
| T 18 | 3 50 3 | 25°59'31 | 1♊54 | 6°12 | 23°45 | 22°55 | 10°20 | 14°19 | 18°23 | 27°31 | 2°20 | 5°24 | 4°18 | 27°36 | 11°25 | T 18 |
| F 19 | 3 53 59 | 26°59'50 | 16° 0 | 7°44 | 25° 0 | 23°19 | 10°16 | 14°22 | 18°26 | 27°31 | 2°19 | 5°22 | 4°15 | 27°42 | 11°25 | F 19 |
| S 20 | 3 57 56 | 28° 0'10 | 29°44 | 9°16 | 26°16 | 23°44 | 10°12 | 14°25 | 18°30 | 27°30 | 2°18 | 5°19 | 4°12 | 27°49 | 11°25 | S 20 |
| S 21 | 4 1 52 | 29° 0'32 | 13♋ 6 | 10°47 | 27°31 | 24° 8 | 10° 7 | 14°28 | 18°33 | 27°29 | 2°17 | 5°15 | 4° 9 | 27°56 | 11°D25 | S 21 |
| M22 | 4 5 49 | 0♐ 0'56 | 26° 4 | 12°18 | 28°46 | 24°31 | 10° 3 | 14°32 | 18°37 | 27°29 | 2°16 | 5°11 | 4° 6 | 28° 2 | 11°25 | M22 |
| T 23 | 4 9 45 | 1° 1'22 | 8♌41 | 13°48 | 0♐ 2 | 24°55 | 9°58 | 14°35 | 18°40 | 27°28 | 2°15 | 5° 9 | 4° 2 | 28° 9 | 11°25 | T 23 |
| W24 | 4 13 42 | 2° 1'49 | 20°59 | 15°18 | 1°17 | 25°17 | 9°53 | 14°39 | 18°44 | 27°27 | 2°14 | 5° 7 | 3°59 | 28°16 | 11°25 | W24 |
| T 25 | 4 17 39 | 3° 2'19 | 3♍ 2 | 16°48 | 2°32 | 25°40 | 9°48 | 14°43 | 18°47 | 27°26 | 2°13 | 5°D 6 | 3°56 | 28°22 | 11°25 | T 25 |
| F 26 | 4 21 35 | 4° 2'50 | 14°56 | 18°18 | 3°48 | 26° 2 | 9°43 | 14°46 | 18°51 | 27°25 | 2°12 | 5° 7 | 3°53 | 28°29 | 11°25 | F 26 |
| S 27 | 4 25 32 | 5° 3'22 | 26°46 | 19°47 | 5° 3 | 26°24 | 9°37 | 14°50 | 18°55 | 27°25 | 2°11 | 5° 8 | 3°50 | 28°36 | 11°26 | S 27 |
| S 28 | 4 29 28 | 6° 3'57 | 8♎36 | 21°16 | 6°19 | 26°46 | 9°32 | 14°54 | 18°58 | 27°24 | 2°10 | 5°10 | 3°46 | 28°42 | 11°26 | S 28 |
| M29 | 4 33 25 | 7° 4'33 | 20°30 | 22°45 | 7°34 | 27° 7 | 9°26 | 14°58 | 19° 2 | 27°23 | 2° 9 | 5°12 | 3°43 | 28°49 | 11°27 | M29 |
| T 30 | 4 37 21 | 8♐ 5'11 | 2♏34 | 24♐13 | 8♐49 | 27♌27 | 9♋20 | 15♒ 2 | 19♐ 5 | 27♋22 | 2♋ 8 | 5°R13 | 3♏40 | 28♍56 | 11♓27 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s27 | 6s47 | 2s 5 | 14s 4 | 0n30 | 11s 9 | 1n13 | 17n41 | 1n30 | 22n36 | 0s20 | 17s36 | 0s57 | 22s50 | 0s 3 | 19n59 | 0s37 | 16n 4 | 7s18 | 13s19 | 13s14 | 1s18 | 2s15 | 5n20 |
| T 2 | 14 46 | 10 22 | 1 2 | 14 41 | 0 23 | 11 36 | 1 11 | 17 33 | 1 32 | 22 36 | 0 20 | 17 35 | 0 57 | 22 50 | 0 3 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 13 | 1 20 | 2 16 | 5 20 |
| W 3 | 15 5 | 13 33 | 0n 5 | 15 18 | 0 16 | 12 3 | 1 10 | 17 26 | 1 33 | 22 36 | 0 20 | 17 35 | 0 57 | 22 51 | 0 3 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 12 | 1 22 | 2 17 | 5 19 |
| T 4 | 15 23 | 16 11 | 1 13 | 15 54 | 0 9 | 12 29 | 1 8 | 17 19 | 1 34 | 22 36 | 0 20 | 17 34 | 0 57 | 22 51 | 0 3 | 19 59 | 0 37 | 16 4 | 7 18 | 13 19 | 13 10 | 1 24 | 2 18 | 5 19 |
| F 5 | 15 42 | 18 6 | 2 18 | 16 29 | 0 3 | 12 55 | 1 7 | 17 11 | 1 36 | 22 36 | 0 20 | 17 34 | 0 57 | 22 51 | 0 3 | 19 59 | 0 37 | 16 3 | 7 18 | 13 19 | 13 9 | 1 26 | 2 18 | 5 18 |
| S 6 | 16 0 | 19 9 | 3 17 | 17 3 | 0s 4 | 13 20 | 1 5 | 17 4 | 1 37 | 22 37 | 0 20 | 17 33 | 0 57 | 22 52 | 0 3 | 20 0 | 0 37 | 16 3 | 7 18 | 13 18 | 13 8 | 1 28 | 2 19 | 5 18 |
| S 7 | 16 17 | 19 13 | 4 8 | 17 36 | 0 11 | 13 46 | 1 3 | 16 57 | 1 39 | 22 37 | 0 20 | 17 32 | 0 57 | 22 52 | 0 3 | 20 0 | 0 37 | 16 3 | 7 18 | 13 18 | 13 7 | 1 30 | 2 20 | 5 18 |
| M 8 | 16 35 | 18 16 | 4 46 | 18 8 | 0 18 | 14 11 | 1 2 | 16 50 | 1 40 | 22 37 | 0 20 | 17 32 | 0 57 | 22 52 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 13 6 | 1 32 | 2 20 | 5 17 |
| T 9 | 16 52 | 16 18 | 5 10 | 18 40 | 0 24 | 14 35 | 1 0 | 16 43 | 1 42 | 22 37 | 0 20 | 17 31 | 0 57 | 22 53 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 13 5 | 1 34 | 2 21 | 5 17 |
| W10 | 17 9 | 13 24 | 5 17 | 19 10 | 0 31 | 14 59 | 0 58 | 16 35 | 1 43 | 22 38 | 0 19 | 17 30 | 0 57 | 22 53 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 13 4 | 1 36 | 2 22 | 5 17 |
| T 11 | 17 25 | 9 43 | 5 6 | 19 40 | 0 37 | 15 23 | 0 56 | 16 28 | 1 45 | 22 38 | 0 19 | 17 30 | 0 57 | 22 53 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 13 3 | 1 38 | 2 22 | 5 16 |
| F 12 | 17 42 | 5 25 | 4 36 | 20 8 | 0 44 | 15 47 | 0 55 | 16 21 | 1 47 | 22 38 | 0 19 | 17 29 | 0 57 | 22 53 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 13 2 | 1 40 | 2 23 | 5 16 |
| S 13 | 17 58 | 0 45 | 3 49 | 20 36 | 0 50 | 16 10 | 0 53 | 16 14 | 1 48 | 22 38 | 0 19 | 17 28 | 0 57 | 22 54 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 13 1 | 1 42 | 2 23 | 5 15 |
| S 14 | 18 13 | 4n 1 | 2 47 | 21 2 | 0 57 | 16 33 | 0 51 | 16 8 | 1 50 | 22 39 | 0 19 | 17 27 | 0 57 | 22 54 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 13 0 | 1 44 | 2 24 | 5 15 |
| M15 | 18 29 | 8 37 | 1 33 | 21 27 | 1 3 | 16 55 | 0 49 | 16 1 | 1 51 | 22 39 | 0 19 | 17 27 | 0 57 | 22 54 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 12 59 | 1 46 | 2 24 | 5 15 |
| T 16 | 18 44 | 12 41 | 0 14 | 21 52 | 1 9 | 17 17 | 0 47 | 15 54 | 1 53 | 22 39 | 0 19 | 17 26 | 0 57 | 22 55 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 12 58 | 1 48 | 2 25 | 5 14 |
| W17 | 18 58 | 15 58 | 1s 6 | 22 15 | 1 15 | 17 38 | 0 45 | 15 47 | 1 55 | 22 40 | 0 19 | 17 25 | 0 57 | 22 55 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 12 57 | 1 50 | 2 25 | 5 14 |
| T 18 | 19 13 | 18 11 | 2 21 | 22 37 | 1 21 | 17 59 | 0 43 | 15 41 | 1 56 | 22 40 | 0 19 | 17 24 | 0 57 | 22 55 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 18 | 12 56 | 1 52 | 2 26 | 5 14 |
| F 19 | 19 27 | 19 15 | 3 25 | 22 58 | 1 26 | 18 19 | 0 41 | 15 34 | 1 58 | 22 41 | 0 19 | 17 23 | 0 57 | 22 56 | 0 3 | 20 0 | 0 37 | 16 3 | 7 19 | 13 17 | 12 54 | 1 54 | 2 26 | 5 13 |
| S 20 | 19 40 | 19 7 | 4 16 | 23 18 | 1 32 | 18 39 | 0 38 | 15 28 | 1 59 | 22 41 | 0 19 | 17 22 | 0 56 | 22 56 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 16 | 12 53 | 1 56 | 2 26 | 5 13 |
| S 21 | 19 53 | 17 54 | 4 51 | 23 37 | 1 37 | 18 58 | 0 36 | 15 21 | 2 1 | 22 41 | 0 19 | 17 21 | 0 56 | 22 56 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 14 | 12 52 | 1 58 | 2 27 | 5 12 |
| M22 | 20 6 | 15 48 | 5 10 | 23 54 | 1 42 | 19 17 | 0 34 | 15 15 | 2 3 | 22 42 | 0 18 | 17 20 | 0 56 | 22 57 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 13 | 12 51 | 2 0 | 2 27 | 5 12 |
| T 23 | 20 19 | 13 0 | 5 14 | 24 11 | 1 47 | 19 35 | 0 32 | 15 9 | 2 5 | 22 42 | 0 18 | 17 19 | 0 56 | 22 57 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 12 | 12 50 | 2 2 | 2 28 | 5 12 |
| W24 | 20 31 | 9 41 | 5 3 | 24 26 | 1 52 | 19 53 | 0 30 | 15 3 | 2 6 | 22 43 | 0 18 | 17 18 | 0 56 | 22 57 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 12 | 12 49 | 2 4 | 2 28 | 5 11 |
| T 25 | 20 43 | 6 2 | 4 38 | 24 40 | 1 56 | 20 10 | 0 27 | 14 57 | 2 8 | 22 43 | 0 18 | 17 17 | 0 56 | 22 57 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 12 | 12 48 | 2 6 | 2 28 | 5 11 |
| F 26 | 20 55 | 2 12 | 4 2 | 24 52 | 2 1 | 20 27 | 0 25 | 14 51 | 2 10 | 22 44 | 0 18 | 17 16 | 0 56 | 22 58 | 0 3 | 20 1 | 0 37 | 16 3 | 7 19 | 13 12 | 12 47 | 2 8 | 2 28 | 5 11 |
| S 27 | 21 6 | 1s42 | 3 15 | 25 4 | 2 5 | 20 43 | 0 23 | 14 45 | 2 12 | 22 44 | 0 18 | 17 15 | 0 56 | 22 58 | 0 3 | 20 2 | 0 37 | 16 3 | 7 20 | 13 12 | 12 46 | 2 10 | 2 29 | 5 10 |
| S 28 | 21 16 | 5 33 | 2 21 | 25 14 | 2 8 | 20 59 | 0 20 | 14 39 | 2 13 | 22 45 | 0 18 | 17 14 | 0 56 | 22 58 | 0 3 | 20 2 | 0 37 | 16 3 | 7 20 | 13 13 | 12 45 | 2 12 | 2 29 | 5 10 |
| M29 | 21 26 | 9 13 | 1 20 | 25 23 | 2 12 | 21 13 | 0 18 | 14 34 | 2 15 | 22 45 | 0 18 | 17 12 | 0 56 | 22 59 | 0 3 | 20 2 | 0 37 | 16 3 | 7 20 | 13 13 | 12 44 | 2 14 | 2 29 | 5 9 |
| T 30 | 21s36 | 12s34 | 0s14 | 25s30 | 2s15 | 21s28 | 0n16 | 14n29 | 2n17 | 22n46 | 0s18 | 17s11 | 0s56 | 22s59 | 0s 3 | 20n 2 | 0s37 | 16n 3 | 7s20 | 13s14 | 12s43 | 2s16 | 2s29 | 5n 9 |

Julian Day Number = 2599407.5, Delta T = 08m53s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'00, Lahiri = 29°31'01


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# ASTRODIENST EPHEMERIS for the year 2404
# geocentric

## DECEMBER 2404 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 41 18 | 9♐ 5'51 | 14♏51 | 25♐40 | 10♐ 5 | 27♌47 | 9°R14 | 15♒ 6 | 19♐ 9 | 27°R21 | 2°R 7 | 5°R12 | 3♏37 | 29♍ 2 | 11♓28 | W 1 |
| T 2 | 4 45 14 | 10° 6'32 | 27°22 | 27° 7 | 11°20 | 28° 7 | 9♋ 8 | 15°10 | 19°13 | 27♋20 | 2♋ 6 | 5♏10 | 3°34 | 29° 9 | 11°28 | T 2 |
| F 3 | 4 49 11 | 11° 7'14 | 10♐ 9 | 28°33 | 12°36 | 28°27 | 9° 1 | 15°15 | 19°16 | 27°19 | 2° 5 | 5° 6 | 3°31 | 29°16 | 11°29 | F 3 |
| S 4 | 4 53 8 | 12° 7'58 | 23°12 | 29°59 | 13°51 | 28°45 | 8°55 | 15°19 | 19°20 | 27°18 | 2° 4 | 5° 1 | 3°27 | 29°22 | 11°30 | S 4 |
| S 5 | 4 57 4 | 13° 8'43 | 6♑31 | 1♑24 | 15° 6 | 29° 4 | 8°48 | 15°24 | 19°24 | 27°17 | 2° 3 | 4°54 | 3°24 | 29°29 | 11°31 | S 5 |
| M 6 | 5 1 1 | 14° 9'29 | 20° 2 | 2°47 | 16°22 | 29°22 | 8°42 | 15°28 | 19°27 | 27°15 | 2° 2 | 4°47 | 3°21 | 29°36 | 11°32 | M 6 |
| T 7 | 5 4 57 | 15°10'16 | 3♒46 | 4°10 | 17°37 | 29°39 | 8°35 | 15°33 | 19°31 | 27°14 | 2° 1 | 4°41 | 3°18 | 29°42 | 11°33 | T 7 |
| W 8 | 5 8 54 | 16°11'04 | 17°38 | 5°31 | 18°53 | 29°57 | 8°28 | 15°37 | 19°35 | 27°13 | 1°59 | 4°36 | 3°15 | 29°49 | 11°34 | W 8 |
| T 9 | 5 12 50 | 17°11'53 | 1♓37 | 6°51 | 20° 8 | 0♍13 | 8°21 | 15°42 | 19°38 | 27°12 | 1°58 | 4°33 | 3°12 | 29°56 | 11°35 | T 9 |
| F 10 | 5 16 47 | 18°12'43 | 15°41 | 8° 9 | 21°24 | 0°29 | 8°13 | 15°47 | 19°42 | 27°11 | 1°57 | 4°D32 | 3° 8 | 0♎ 2 | 11°36 | F 10 |
| S 11 | 5 20 43 | 19°13'34 | 29°49 | 9°26 | 22°39 | 0°45 | 8° 6 | 15°52 | 19°46 | 27° 9 | 1°56 | 4°32 | 3° 5 | 0° 9 | 11°37 | S 11 |
| S 12 | 5 24 40 | 20°14'25 | 13♈59 | 10°40 | 23°54 | 1° 0 | 7°59 | 15°57 | 19°49 | 27° 8 | 1°55 | 4°33 | 3° 2 | 0°16 | 11°38 | S 12 |
| M13 | 5 28 37 | 21°15'17 | 28°10 | 11°51 | 25°10 | 1°14 | 7°51 | 16° 2 | 19°53 | 27° 7 | 1°54 | 4°R34 | 2°59 | 0°22 | 11°40 | M13 |
| T 14 | 5 32 33 | 22°16'10 | 12♉20 | 13° 0 | 26°25 | 1°28 | 7°44 | 16° 7 | 19°57 | 27° 6 | 1°53 | 4°34 | 2°56 | 0°29 | 11°41 | T 14 |
| W15 | 5 36 30 | 23°17'04 | 26°25 | 14° 4 | 27°41 | 1°42 | 7°36 | 16°12 | 20° 1 | 27° 4 | 1°51 | 4°32 | 2°52 | 0°36 | 11°42 | W15 |
| T 16 | 5 40 26 | 24°17'59 | 10♊24 | 15° 5 | 28°56 | 1°55 | 7°28 | 16°18 | 20° 4 | 27° 3 | 1°50 | 4°28 | 2°49 | 0°42 | 11°44 | T 16 |
| F 17 | 5 44 23 | 25°18'54 | 24°10 | 16° 2 | 0♑12 | 2° 7 | 7°20 | 16°23 | 20° 8 | 27° 2 | 1°49 | 4°21 | 2°46 | 0°49 | 11°45 | F 17 |
| S 18 | 5 48 19 | 26°19'50 | 7♋42 | 16°53 | 1°27 | 2°19 | 7°13 | 16°28 | 20°12 | 27° 0 | 1°48 | 4°12 | 2°43 | 0°56 | 11°47 | S 18 |
| S 19 | 5 52 16 | 27°20'47 | 20°56 | 17°38 | 2°42 | 2°30 | 7° 5 | 16°34 | 20°15 | 26°59 | 1°47 | 4° 2 | 2°40 | 1° 2 | 11°49 | S 19 |
| M20 | 5 56 12 | 28°21'46 | 3♌51 | 18°16 | 3°58 | 2°40 | 6°57 | 16°39 | 20°19 | 26°57 | 1°46 | 3°53 | 2°37 | 1° 9 | 11°50 | M20 |
| T 21 | 6 0 9 | 29°22'45 | 16°27 | 18°47 | 5°13 | 2°50 | 6°49 | 16°45 | 20°22 | 26°56 | 1°44 | 3°44 | 2°33 | 1°16 | 11°52 | T 21 |
| W22 | 6 4 6 | 0♑23'45 | 28°46 | 19° 9 | 6°29 | 3° 0 | 6°41 | 16°50 | 20°26 | 26°54 | 1°43 | 3°37 | 2°30 | 1°22 | 11°54 | W22 |
| T 23 | 6 8 2 | 1°24'45 | 10♍50 | 19°22 | 7°44 | 3° 8 | 6°33 | 16°56 | 20°30 | 26°53 | 1°42 | 3°32 | 2°27 | 1°29 | 11°56 | T 23 |
| F 24 | 6 11 59 | 2°25'47 | 22°45 | 19°R24 | 9° 0 | 3°16 | 6°25 | 17° 2 | 20°33 | 26°51 | 1°41 | 3°29 | 2°24 | 1°36 | 11°58 | F 24 |
| S 25 | 6 15 55 | 3°26'50 | 4♎34 | 19°16 | 10°15 | 3°24 | 6°16 | 17° 8 | 20°37 | 26°50 | 1°40 | 3°D29 | 2°21 | 1°42 | 12° 0 | S 25 |
| S 26 | 6 19 52 | 4°27'53 | 16°23 | 18°56 | 11°30 | 3°30 | 6° 8 | 17°13 | 20°41 | 26°48 | 1°38 | 3°29 | 2°18 | 1°49 | 12° 2 | S 26 |
| M27 | 6 23 48 | 5°28'58 | 28°18 | 18°24 | 12°46 | 3°36 | 6° 0 | 17°19 | 20°44 | 26°47 | 1°37 | 3°R30 | 2°14 | 1°56 | 12° 4 | M27 |
| T 28 | 6 27 45 | 6°30'03 | 10♏24 | 17°41 | 14° 1 | 3°41 | 5°52 | 17°25 | 20°48 | 26°45 | 1°36 | 3°30 | 2°11 | 2° 2 | 12° 6 | T 28 |
| W29 | 6 31 41 | 7°31'09 | 22°45 | 16°47 | 15°17 | 3°46 | 5°44 | 17°31 | 20°51 | 26°44 | 1°35 | 3°28 | 2° 8 | 2° 9 | 12° 8 | W29 |
| T 30 | 6 35 38 | 8°32'15 | 5♐26 | 15°43 | 16°32 | 3°50 | 5°36 | 17°37 | 20°55 | 26°42 | 1°34 | 3°24 | 2° 5 | 2°16 | 12°11 | T 30 |
| F 31 | 6 39 35 | 9♑33'23 | 18♐28 | 14♑31 | 17♑48 | 3♍53 | 5♋27 | 17♒44 | 20♐59 | 26♋41 | 1♋33 | 3♏17 | 2♏ 2 | 2♎22 | 12♓13 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21 s46 | 15 s25 | 0n52 | 25 s36 | 2 s17 | 21 s41 | 0n13 | 14n23 | 2n19 | 22n46 | 0 s18 | 17 s10 | 0 s56 | 22 s59 | 0 s 3 | 20n 2 | 0 s37 | 16n 2 | 7 s20 | 13 s14 | 12 s42 | 2 s18 | 2 s29 | 5n 9 |
| T 2 | 21 55 | 17 37 | 1 58 | 25 41 | 2 20 | 21 54 | 0 11 | 14 18 | 2 21 | 22 47 | 0 17 | 17 9 | 0 56 | 23 0 | 0 3 | 20 3 | 0 37 | 16 2 | 7 20 | 13 13 | 12 41 | 2 20 | 2 29 | 5 8 |
| F 3 | 22 3 | 18 58 | 2 59 | 25 44 | 2 22 | 22 7 | 0 9 | 14 13 | 2 23 | 22 47 | 0 17 | 17 7 | 0 56 | 23 0 | 0 3 | 20 3 | 0 37 | 16 2 | 7 20 | 13 12 | 12 39 | 2 22 | 2 29 | 5 8 |
| S 4 | 22 12 | 19 21 | 3 52 | 25 46 | 2 23 | 22 18 | 0 6 | 14 8 | 2 25 | 22 48 | 0 17 | 17 6 | 0 56 | 23 0 | 0 3 | 20 3 | 0 37 | 16 3 | 7 20 | 13 10 | 12 38 | 2 24 | 2 29 | 5 7 |
| S 5 | 22 19 | 18 41 | 4 33 | 25 47 | 2 24 | 22 29 | 0 4 | 14 4 | 2 27 | 22 48 | 0 17 | 17 5 | 0 56 | 23 0 | 0 3 | 20 3 | 0 37 | 16 3 | 7 20 | 13 8 | 12 37 | 2 26 | 2 30 | 5 7 |
| M 6 | 22 27 | 16 57 | 5 0 | 25 46 | 2 25 | 22 40 | 0 1 | 13 59 | 2 29 | 22 49 | 0 17 | 17 3 | 0 56 | 23 1 | 0 3 | 20 3 | 0 37 | 16 3 | 7 20 | 13 5 | 12 36 | 2 28 | 2 30 | 5 7 |
| T 7 | 22 34 | 14 15 | 5 10 | 25 44 | 2 25 | 22 50 | 0 s 1 | 13 55 | 2 31 | 22 50 | 0 17 | 17 2 | 0 56 | 23 1 | 0 3 | 20 4 | 0 37 | 16 3 | 7 20 | 13 3 | 12 35 | 2 30 | 2 30 | 5 6 |
| W 8 | 22 40 | 10 43 | 5 2 | 25 41 | 2 25 | 22 59 | 0 3 | 13 51 | 2 33 | 22 50 | 0 17 | 17 1 | 0 56 | 23 1 | 0 3 | 20 4 | 0 37 | 16 3 | 7 20 | 13 2 | 12 34 | 2 32 | 2 30 | 5 6 |
| T 9 | 22 46 | 6 34 | 4 36 | 25 36 | 2 24 | 23 7 | 0 6 | 13 47 | 2 35 | 22 51 | 0 17 | 16 59 | 0 56 | 23 2 | 0 3 | 20 4 | 0 37 | 16 3 | 7 20 | 13 0 | 12 33 | 2 34 | 2 29 | 5 6 |
| F 10 | 22 52 | 2 2 | 3 54 | 25 30 | 2 22 | 23 14 | 0 8 | 13 43 | 2 37 | 22 51 | 0 17 | 16 58 | 0 56 | 23 2 | 0 3 | 20 4 | 0 37 | 16 3 | 7 20 | 13 0 | 12 32 | 2 36 | 2 29 | 5 5 |
| S 11 | 22 57 | 2n38 | 2 57 | 25 22 | 2 20 | 23 21 | 0 11 | 13 39 | 2 39 | 22 52 | 0 16 | 16 56 | 0 56 | 23 2 | 0 3 | 20 4 | 0 37 | 16 3 | 7 20 | 13 0 | 12 31 | 2 38 | 2 29 | 5 5 |
| S 12 | 23 2 | 7 11 | 1 49 | 25 14 | 2 17 | 23 28 | 0 13 | 13 36 | 2 41 | 22 52 | 0 16 | 16 55 | 0 56 | 23 3 | 0 3 | 20 5 | 0 37 | 16 3 | 7 20 | 13 1 | 12 30 | 2 40 | 2 29 | 5 4 |
| M13 | 23 6 | 11 20 | 0 35 | 25 4 | 2 13 | 23 33 | 0 15 | 13 33 | 2 43 | 22 53 | 0 16 | 16 53 | 0 56 | 23 3 | 0 3 | 20 5 | 0 37 | 16 3 | 7 20 | 13 1 | 12 29 | 2 42 | 2 29 | 5 4 |
| T 14 | 23 10 | 14 50 | 0 s42 | 24 53 | 2 8 | 23 38 | 0 18 | 13 30 | 2 45 | 22 53 | 0 16 | 16 52 | 0 56 | 23 3 | 0 3 | 20 5 | 0 37 | 16 3 | 7 20 | 13 1 | 12 28 | 2 44 | 2 29 | 5 4 |
| W15 | 23 13 | 17 27 | 1 55 | 24 41 | 2 3 | 23 42 | 0 20 | 13 27 | 2 47 | 22 54 | 0 16 | 16 50 | 0 56 | 23 3 | 0 3 | 20 5 | 0 37 | 16 3 | 7 20 | 13 0 | 12 26 | 2 46 | 2 29 | 5 3 |
| T 16 | 23 16 | 18 58 | 3 1 | 24 27 | 1 56 | 23 45 | 0 22 | 13 24 | 2 49 | 22 55 | 0 16 | 16 49 | 0 56 | 23 4 | 0 3 | 20 6 | 0 37 | 16 3 | 7 20 | 12 59 | 12 25 | 2 48 | 2 28 | 5 3 |
| F 17 | 23 18 | 19 21 | 3 55 | 24 13 | 1 49 | 23 48 | 0 25 | 13 22 | 2 51 | 22 55 | 0 16 | 16 47 | 0 56 | 23 4 | 0 3 | 20 6 | 0 37 | 16 3 | 7 20 | 12 56 | 12 24 | 2 50 | 2 28 | 5 3 |
| S 18 | 23 20 | 18 36 | 4 34 | 23 59 | 1 40 | 23 50 | 0 27 | 13 19 | 2 53 | 22 56 | 0 16 | 16 45 | 0 56 | 23 4 | 0 3 | 20 6 | 0 37 | 16 3 | 7 19 | 12 54 | 12 23 | 2 52 | 2 28 | 5 2 |
| S 19 | 23 21 | 16 51 | 4 58 | 23 43 | 1 30 | 23 51 | 0 29 | 13 17 | 2 56 | 22 56 | 0 15 | 16 44 | 0 56 | 23 5 | 0 3 | 20 7 | 0 37 | 16 3 | 7 19 | 12 50 | 12 22 | 2 54 | 2 28 | 5 2 |
| M20 | 23 22 | 14 17 | 5 6 | 23 27 | 1 19 | 23 51 | 0 32 | 13 16 | 2 58 | 22 57 | 0 15 | 16 42 | 0 56 | 23 5 | 0 3 | 20 7 | 0 37 | 16 3 | 7 19 | 12 47 | 12 21 | 2 56 | 2 27 | 5 2 |
| T 21 | 23 23 | 11 7 | 4 58 | 23 11 | 1 7 | 23 51 | 0 34 | 13 14 | 3 0 | 22 57 | 0 15 | 16 40 | 0 56 | 23 5 | 0 3 | 20 7 | 0 37 | 16 3 | 7 19 | 12 44 | 12 20 | 2 58 | 2 27 | 5 1 |
| W22 | 23 23 | 7 32 | 4 37 | 22 55 | 0 54 | 23 50 | 0 36 | 13 13 | 3 2 | 22 58 | 0 15 | 16 39 | 0 56 | 23 5 | 0 3 | 20 7 | 0 37 | 16 3 | 7 19 | 12 42 | 12 19 | 2 59 | 2 27 | 5 1 |
| T 23 | 23 23 | 3 43 | 4 4 | 22 38 | 0 39 | 23 48 | 0 38 | 13 12 | 3 4 | 22 58 | 0 15 | 16 37 | 0 56 | 23 6 | 0 3 | 20 8 | 0 37 | 16 3 | 7 19 | 12 40 | 12 18 | 3 1 | 2 26 | 5 0 |
| F 24 | 23 22 | 0 s12 | 3 20 | 22 22 | 0 23 | 23 45 | 0 40 | 13 11 | 3 7 | 22 59 | 0 15 | 16 35 | 0 56 | 23 6 | 0 3 | 20 8 | 0 37 | 16 3 | 7 19 | 12 39 | 12 17 | 3 3 | 2 26 | 5 0 |
| S 25 | 23 20 | 4 5 | 2 29 | 22 6 | 0 6 | 23 42 | 0 43 | 13 10 | 3 9 | 23 0 | 0 15 | 16 34 | 0 56 | 23 6 | 0 3 | 20 8 | 0 37 | 16 3 | 7 19 | 12 39 | 12 16 | 3 5 | 2 25 | 5 0 |
| S 26 | 23 19 | 7 49 | 1 30 | 21 51 | 0n12 | 23 38 | 0 45 | 13 10 | 3 11 | 23 0 | 0 15 | 16 32 | 0 56 | 23 6 | 0 3 | 20 9 | 0 37 | 16 3 | 7 19 | 12 39 | 12 15 | 3 7 | 2 25 | 4 59 |
| M27 | 23 16 | 11 17 | 0 28 | 21 36 | 0 31 | 23 33 | 0 47 | 13 10 | 3 13 | 23 1 | 0 14 | 16 30 | 0 56 | 23 7 | 0 3 | 20 9 | 0 37 | 16 3 | 7 19 | 12 39 | 12 13 | 3 9 | 2 24 | 4 59 |
| T 28 | 23 14 | 14 19 | 0n37 | 21 23 | 0 51 | 23 28 | 0 49 | 13 10 | 3 16 | 23 1 | 0 14 | 16 28 | 0 56 | 23 7 | 0 3 | 20 9 | 0 37 | 16 3 | 7 19 | 12 39 | 12 12 | 3 11 | 2 24 | 4 59 |
| W29 | 23 10 | 16 47 | 1 41 | 21 10 | 1 11 | 23 21 | 0 51 | 13 11 | 3 18 | 23 2 | 0 14 | 16 26 | 0 56 | 23 7 | 0 3 | 20 9 | 0 37 | 16 4 | 7 19 | 12 39 | 12 11 | 3 13 | 2 23 | 4 58 |
| T 30 | 23 7 | 18 30 | 2 42 | 20 58 | 1 30 | 23 14 | 0 53 | 13 12 | 3 20 | 23 2 | 0 14 | 16 25 | 0 56 | 23 7 | 0 3 | 20 10 | 0 37 | 16 4 | 7 19 | 12 37 | 12 10 | 3 15 | 2 23 | 4 58 |
| F 31 | 23 s 2 | 19 s18 | 3n35 | 20 s47 | 1n49 | 23 s 7 | 0 s55 | 13n13 | 3n23 | 23n 3 | 0 s14 | 16 s23 | 0 s56 | 23 s 8 | 0 s 3 | 20n10 | 0 s37 | 16n 4 | 7 s19 | 12 s35 | 12 s 9 | 3 s17 | 2 s22 | 4n58 |

Julian Day Number = 2599437.5, Delta T = 08m53s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'04, Lahiri = 29°31'06


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## JANUARY 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 43 31 | 10♑34'30 | 1♑51 | 13°R13 | 19♑ 3 | 3♍55 | 5°R19 | 17♒50 | 21♐ 2 | 26°R39 | 1°R31 | 3°R 7 | 1♏58 | 2♎29 | 12♓15 | S 1 |
| S 2 | 6 47 28 | 11°35'38 | 15°35 | 11♑51 | 20°18 | 3°57 | 5♋11 | 17°56 | 21° 6 | 26♋37 | 1♋30 | 2♏56 | 1°55 | 2°36 | 12°18 | S 2 |
| M 3 | 6 51 24 | 12°36'47 | 29°35 | 10°29 | 21°34 | 3°57 | 5° 3 | 18° 2 | 21° 9 | 26°36 | 1°29 | 2°44 | 1°52 | 2°42 | 12°20 | M 3 |
| T 4 | 6 55 21 | 13°37'55 | 13♒47 | 9° 9 | 22°49 | 3°R57 | 4°55 | 18° 9 | 21°13 | 26°34 | 1°28 | 2°33 | 1°49 | 2°49 | 12°23 | T 4 |
| W 5 | 6 59 17 | 14°39'04 | 28° 5 | 7°53 | 24° 5 | 3°57 | 4°47 | 18°15 | 21°16 | 26°32 | 1°27 | 2°23 | 1°46 | 2°56 | 12°25 | W 5 |
| T 6 | 7 3 14 | 15°40'12 | 12♓23 | 6°44 | 25°20 | 3°55 | 4°39 | 18°21 | 21°19 | 26°31 | 1°26 | 2°17 | 1°43 | 3° 2 | 12°28 | T 6 |
| F 7 | 7 7 11 | 16°41'21 | 26°39 | 5°43 | 26°35 | 3°53 | 4°32 | 18°28 | 21°23 | 26°29 | 1°25 | 2°13 | 1°39 | 3° 9 | 12°31 | F 7 |
| S 8 | 7 11 7 | 17°42'29 | 10♈49 | 4°52 | 27°51 | 3°50 | 4°24 | 18°34 | 21°26 | 26°27 | 1°23 | 2°12 | 1°36 | 3°16 | 12°33 | S 8 |
| S 9 | 7 15 4 | 18°43'37 | 24°52 | 4°11 | 29° 6 | 3°46 | 4°16 | 18°41 | 21°30 | 26°26 | 1°22 | 2°11 | 1°33 | 3°22 | 12°36 | S 9 |
| M10 | 7 19 0 | 19°44'45 | 8♉47 | 3°40 | 0♒22 | 3°41 | 4° 9 | 18°47 | 21°33 | 26°24 | 1°21 | 2°11 | 1°30 | 3°29 | 12°39 | M10 |
| T 11 | 7 22 57 | 20°45'52 | 22°35 | 3°19 | 1°37 | 3°35 | 4° 1 | 18°54 | 21°36 | 26°22 | 1°20 | 2°10 | 1°27 | 3°36 | 12°42 | T 11 |
| W12 | 7 26 53 | 21°46'59 | 6♊15 | 3° 9 | 2°52 | 3°29 | 3°54 | 19° 1 | 21°40 | 26°21 | 1°19 | 2° 6 | 1°24 | 3°42 | 12°45 | W12 |
| T 13 | 7 30 50 | 22°48'06 | 19°46 | 3°D 7 | 4° 8 | 3°22 | 3°46 | 19° 7 | 21°43 | 26°19 | 1°18 | 2° 0 | 1°20 | 3°49 | 12°47 | T 13 |
| F 14 | 7 34 46 | 23°49'13 | 3♋ 7 | 3°14 | 5°23 | 3°14 | 3°39 | 19°14 | 21°46 | 26°17 | 1°17 | 1°50 | 1°17 | 3°56 | 12°50 | F 14 |
| S 15 | 7 38 43 | 24°50'19 | 16°18 | 3°30 | 6°38 | 3° 5 | 3°32 | 19°21 | 21°50 | 26°16 | 1°16 | 1°37 | 1°14 | 4° 2 | 12°53 | S 15 |
| S 16 | 7 42 40 | 25°51'26 | 29°15 | 3°52 | 7°54 | 2°56 | 3°25 | 19°27 | 21°53 | 26°14 | 1°15 | 1°24 | 1°11 | 4° 9 | 12°56 | S 16 |
| M17 | 7 46 36 | 26°52'32 | 11♌58 | 4°22 | 9° 9 | 2°45 | 3°18 | 19°34 | 21°56 | 26°12 | 1°14 | 1°10 | 1° 8 | 4°16 | 13° 0 | M17 |
| T 18 | 7 50 33 | 27°53'37 | 24°26 | 4°57 | 10°24 | 2°34 | 3°11 | 19°41 | 21°59 | 26°10 | 1°13 | 0°57 | 1° 4 | 4°22 | 13° 3 | T 18 |
| W19 | 7 54 29 | 28°54'43 | 6♍40 | 5°38 | 11°39 | 2°22 | 3° 5 | 19°48 | 22° 2 | 26° 9 | 1°11 | 0°46 | 1° 1 | 4°29 | 13° 6 | W19 |
| T 20 | 7 58 26 | 29°55'48 | 18°42 | 6°23 | 12°55 | 2° 9 | 2°58 | 19°55 | 22° 5 | 26° 7 | 1°10 | 0°37 | 0°58 | 4°36 | 13° 9 | T 20 |
| F 21 | 8 2 22 | 0♒56'53 | 0♎35 | 7°13 | 14°10 | 1°56 | 2°52 | 20° 2 | 22° 8 | 26° 5 | 1° 9 | 0°32 | 0°55 | 4°42 | 13°12 | F 21 |
| S 22 | 8 6 19 | 1°57'58 | 12°23 | 8° 7 | 15°25 | 1°41 | 2°45 | 20° 9 | 22°11 | 26° 4 | 1° 8 | 0°29 | 0°52 | 4°49 | 13°15 | S 22 |
| S 23 | 8 10 15 | 2°59'03 | 24°11 | 9° 4 | 16°40 | 1°26 | 2°39 | 20°16 | 22°14 | 26° 2 | 1° 7 | 0°28 | 0°49 | 4°56 | 13°19 | S 23 |
| M24 | 8 14 12 | 4° 0'08 | 6♏ 4 | 10° 5 | 17°56 | 1°10 | 2°33 | 20°23 | 22°17 | 26° 0 | 1° 6 | 0°28 | 0°45 | 5° 2 | 13°22 | M24 |
| T 25 | 8 18 9 | 5° 1'12 | 18° 8 | 11° 8 | 19°11 | 0°54 | 2°27 | 20°30 | 22°20 | 25°59 | 1° 6 | 0°28 | 0°42 | 5° 9 | 13°26 | T 25 |
| W26 | 8 22 5 | 6° 2'16 | 0♐29 | 12°14 | 20°26 | 0°36 | 2°22 | 20°37 | 22°23 | 25°57 | 1° 5 | 0°26 | 0°39 | 5°16 | 13°29 | W26 |
| T 27 | 8 26 2 | 7° 3'20 | 13°11 | 13°22 | 21°41 | 0°18 | 2°16 | 20°44 | 22°26 | 25°55 | 1° 4 | 0°22 | 0°36 | 5°22 | 13°32 | T 27 |
| F 28 | 8 29 58 | 8° 4'24 | 26°18 | 14°32 | 22°57 | 29♌59 | 2°11 | 20°51 | 22°29 | 25°54 | 1° 3 | 0°15 | 0°33 | 5°29 | 13°36 | F 28 |
| S 29 | 8 33 55 | 9° 5'27 | 9♑52 | 15°45 | 24°12 | 29°41 | 2° 6 | 20°58 | 22°32 | 25°52 | 1° 2 | 0° 5 | 0°30 | 5°36 | 13°39 | S 29 |
| S 30 | 8 37 51 | 10° 6'29 | 23°51 | 16°58 | 25°27 | 29°21 | 2° 1 | 21° 5 | 22°35 | 25°50 | 1° 1 | 29♎53 | 0°26 | 5°42 | 13°43 | S 30 |
| M31 | 8 41 48 | 11♒ 7'31 | 8♒12 | 18♑14 | 26♒42 | 29♌ 1 | 1♋56 | 21♒12 | 22♐37 | 25♋49 | 1♋ 0 | 29♎41 | 0♏23 | 5♎49 | 13♓46 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s58 | 19s 3 | 4n19 | 20s37 | 2n 7 | 22s58 | 0s57 | 13n14 | 3n25 | 23n 3 | 0s14 | 16s21 | 0s56 | 23s 8 | 0s 3 | 20n10 | 0s37 | 16n 4 | 7s19 | 12s31 | 12s 8 | 3s19 | 2s22 | 4n57 |
| S 2 | 22 53 | 17 42 | 4 48 | 20 29 | 2 23 | 22 49 | 0 59 | 13 16 | 3 27 | 23 3 | 0 14 | 16 19 | 0 56 | 23 8 | 0 3 | 20 11 | 0 37 | 16 4 | 7 19 | 12 28 | 12 7 | 3 21 | 2 21 | 4 57 |
| M 3 | 22 47 | 15 16 | 5 2 | 20 21 | 2 38 | 22 40 | 1 1 | 13 17 | 3 30 | 23 4 | 0 13 | 16 17 | 0 56 | 23 8 | 0 3 | 20 11 | 0 37 | 16 4 | 7 19 | 12 23 | 12 6 | 3 23 | 2 20 | 4 57 |
| T 4 | 22 41 | 11 55 | 4 56 | 20 15 | 2 49 | 22 29 | 1 2 | 13 20 | 3 32 | 23 4 | 0 13 | 16 15 | 0 56 | 23 9 | 0 3 | 20 11 | 0 37 | 16 4 | 7 19 | 12 20 | 12 5 | 3 25 | 2 20 | 4 56 |
| W 5 | 22 35 | 7 51 | 4 33 | 20 11 | 2 59 | 22 18 | 1 4 | 13 22 | 3 34 | 23 5 | 0 13 | 16 13 | 0 56 | 23 9 | 0 3 | 20 12 | 0 37 | 16 4 | 7 18 | 12 16 | 12 4 | 3 27 | 2 19 | 4 56 |
| T 6 | 22 28 | 3 19 | 3 52 | 20 7 | 3 6 | 22 6 | 1 6 | 13 25 | 3 37 | 23 5 | 0 13 | 16 11 | 0 56 | 23 9 | 0 3 | 20 12 | 0 37 | 16 4 | 7 18 | 12 14 | 12 2 | 3 29 | 2 18 | 4 56 |
| F 7 | 22 21 | 1n22 | 2 57 | 20 6 | 3 10 | 21 54 | 1 8 | 13 28 | 3 39 | 23 6 | 0 13 | 16 9 | 0 56 | 23 9 | 0 3 | 20 12 | 0 37 | 16 4 | 7 18 | 12 13 | 12 1 | 3 31 | 2 18 | 4 56 |
| S 8 | 22 13 | 5 58 | 1 51 | 20 6 | 3 12 | 21 40 | 1 9 | 13 31 | 3 41 | 23 6 | 0 13 | 16 7 | 0 56 | 23 10 | 0 3 | 20 13 | 0 37 | 16 4 | 7 18 | 12 12 | 12 0 | 3 32 | 2 17 | 4 55 |
| S 9 | 22 5 | 10 12 | 0 39 | 20 7 | 3 12 | 21 27 | 1 11 | 13 35 | 3 44 | 23 6 | 0 12 | 16 5 | 0 56 | 23 10 | 0 3 | 20 13 | 0 37 | 16 5 | 7 18 | 12 12 | 11 59 | 3 34 | 2 16 | 4 55 |
| M10 | 21 56 | 13 51 | 0s35 | 20 10 | 3 10 | 21 12 | 1 12 | 13 39 | 3 46 | 23 7 | 0 12 | 16 3 | 0 56 | 23 10 | 0 3 | 20 13 | 0 37 | 16 5 | 7 18 | 12 12 | 11 58 | 3 36 | 2 15 | 4 55 |
| T 11 | 21 47 | 16 40 | 1 46 | 20 14 | 3 7 | 20 57 | 1 14 | 13 43 | 3 48 | 23 7 | 0 12 | 16 1 | 0 56 | 23 10 | 0 3 | 20 14 | 0 37 | 16 5 | 7 18 | 12 12 | 11 57 | 3 38 | 2 15 | 4 54 |
| W12 | 21 38 | 18 31 | 2 50 | 20 19 | 3 2 | 20 42 | 1 15 | 13 47 | 3 51 | 23 8 | 0 12 | 15 59 | 0 57 | 23 11 | 0 3 | 20 14 | 0 37 | 16 5 | 7 18 | 12 11 | 11 56 | 3 40 | 2 14 | 4 54 |
| T 13 | 21 28 | 19 17 | 3 43 | 20 25 | 2 56 | 20 25 | 1 17 | 13 52 | 3 53 | 23 8 | 0 12 | 15 57 | 0 57 | 23 11 | 0 3 | 20 14 | 0 37 | 16 5 | 7 18 | 12 8 | 11 55 | 3 42 | 2 13 | 4 54 |
| F 14 | 21 17 | 18 57 | 4 24 | 20 32 | 2 49 | 20 8 | 1 18 | 13 57 | 3 55 | 23 8 | 0 12 | 15 55 | 0 57 | 23 11 | 0 3 | 20 15 | 0 37 | 16 5 | 7 18 | 12 5 | 11 54 | 3 44 | 2 12 | 4 53 |
| S 15 | 21 7 | 17 36 | 4 50 | 20 39 | 2 41 | 19 51 | 1 19 | 14 2 | 3 57 | 23 9 | 0 12 | 15 53 | 0 57 | 23 11 | 0 3 | 20 15 | 0 37 | 16 5 | 7 17 | 12 1 | 11 53 | 3 46 | 2 11 | 4 53 |
| S 16 | 20 56 | 15 22 | 5 0 | 20 47 | 2 33 | 19 33 | 1 20 | 14 8 | 3 59 | 23 9 | 0 11 | 15 51 | 0 57 | 23 11 | 0 3 | 20 15 | 0 37 | 16 5 | 7 17 | 11 56 | 11 51 | 3 48 | 2 10 | 4 53 |
| M17 | 20 44 | 12 26 | 4 55 | 20 55 | 2 24 | 19 14 | 1 21 | 14 13 | 4 2 | 23 9 | 0 11 | 15 49 | 0 57 | 23 12 | 0 3 | 20 15 | 0 37 | 16 6 | 7 17 | 11 51 | 11 50 | 3 50 | 2 9 | 4 53 |
| T 18 | 20 32 | 9 1 | 4 36 | 21 3 | 2 15 | 18 55 | 1 23 | 14 19 | 4 4 | 23 10 | 0 11 | 15 47 | 0 57 | 23 12 | 0 3 | 20 16 | 0 37 | 16 6 | 7 17 | 11 47 | 11 49 | 3 52 | 2 8 | 4 52 |
| W19 | 20 20 | 5 16 | 4 4 | 21 11 | 2 5 | 18 35 | 1 24 | 14 26 | 4 6 | 23 10 | 0 11 | 15 45 | 0 57 | 23 12 | 0 3 | 20 16 | 0 37 | 16 6 | 7 17 | 11 43 | 11 48 | 3 54 | 2 8 | 4 52 |
| T 20 | 20 7 | 1 22 | 3 22 | 21 18 | 1 56 | 18 15 | 1 25 | 14 32 | 4 8 | 23 10 | 0 11 | 15 42 | 0 57 | 23 12 | 0 3 | 20 16 | 0 37 | 16 6 | 7 17 | 11 40 | 11 47 | 3 56 | 2 7 | 4 52 |
| F 21 | 19 54 | 2s33 | 2 31 | 21 25 | 1 46 | 17 54 | 1 26 | 14 39 | 4 10 | 23 11 | 0 11 | 15 40 | 0 57 | 23 12 | 0 3 | 20 17 | 0 37 | 16 6 | 7 17 | 11 38 | 11 46 | 3 57 | 2 6 | 4 52 |
| S 22 | 19 41 | 6 20 | 1 34 | 21 32 | 1 36 | 17 33 | 1 26 | 14 46 | 4 12 | 23 11 | 0 10 | 15 38 | 0 57 | 23 13 | 0 3 | 20 17 | 0 37 | 16 6 | 7 17 | 11 37 | 11 45 | 3 59 | 2 5 | 4 51 |
| S 23 | 19 27 | 9 52 | 0 33 | 21 38 | 1 26 | 17 11 | 1 27 | 14 53 | 4 13 | 23 11 | 0 10 | 15 36 | 0 57 | 23 13 | 0 3 | 20 17 | 0 37 | 16 6 | 7 16 | 11 37 | 11 44 | 4 1 | 2 4 | 4 51 |
| M24 | 19 13 | 13 3 | 0n30 | 21 44 | 1 17 | 16 49 | 1 28 | 15 0 | 4 15 | 23 11 | 0 10 | 15 34 | 0 57 | 23 13 | 0 3 | 20 18 | 0 37 | 16 7 | 7 16 | 11 37 | 11 43 | 4 3 | 2 2 | 4 51 |
| T 25 | 18 58 | 15 43 | 1 32 | 21 48 | 1 7 | 16 26 | 1 29 | 15 8 | 4 17 | 23 12 | 0 10 | 15 32 | 0 57 | 23 13 | 0 3 | 20 18 | 0 37 | 16 7 | 7 16 | 11 37 | 11 42 | 4 5 | 2 1 | 4 51 |
| W26 | 18 43 | 17 44 | 2 32 | 21 52 | 0 57 | 16 3 | 1 29 | 15 16 | 4 19 | 23 12 | 0 10 | 15 29 | 0 57 | 23 13 | 0 3 | 20 18 | 0 37 | 16 7 | 7 16 | 11 36 | 11 40 | 4 7 | 2 0 | 4 50 |
| T 27 | 18 28 | 18 56 | 3 26 | 21 55 | 0 48 | 15 40 | 1 30 | 15 24 | 4 20 | 23 12 | 0 10 | 15 27 | 0 57 | 23 13 | 0 3 | 20 19 | 0 37 | 16 7 | 7 16 | 11 34 | 11 39 | 4 9 | 1 59 | 4 50 |
| F 28 | 18 12 | 19 10 | 4 10 | 21 57 | 0 39 | 15 15 | 1 30 | 15 32 | 4 22 | 23 12 | 0 10 | 15 25 | 0 57 | 23 14 | 0 3 | 20 19 | 0 37 | 16 7 | 7 16 | 11 32 | 11 38 | 4 11 | 1 58 | 4 50 |
| S 29 | 17 57 | 18 19 | 4 43 | 21 58 | 0 30 | 14 51 | 1 31 | 15 40 | 4 23 | 23 13 | 0 9 | 15 23 | 0 57 | 23 14 | 0 3 | 20 19 | 0 37 | 16 7 | 7 16 | 11 29 | 11 37 | 4 13 | 1 57 | 4 50 |
| S 30 | 17 40 | 16 22 | 4 59 | 21 58 | 0 21 | 14 26 | 1 31 | 15 48 | 4 25 | 23 13 | 0 9 | 15 20 | 0 57 | 23 14 | 0 3 | 20 20 | 0 37 | 16 7 | 7 15 | 11 24 | 11 36 | 4 15 | 1 56 | 4 49 |
| M31 | 17s24 | 13s22 | 4n58 | 21s57 | 0n12 | 14s 1 | 1s31 | 15n57 | 4n26 | 23n13 | 0s 9 | 15s18 | 0s57 | 23s14 | 0s 3 | 20n20 | 0s37 | 16n 8 | 7s15 | 11s20 | 11s35 | 4s16 | 1s55 | 4n49 |

Julian Day Number = 2599468.5, Delta T = 08m53s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'08, Lahiri = 29°31'10


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## FEBRUARY 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 44 | 12♒ 8'32 | 22♒50 | 19♉31 | 27♒57 | 28°R40 | 1°R51 | 21♒19 | 22♐40 | 25°R47 | 0°R59 | 29°R29 | 0♏20 | 5♎56 | 13♓50 | T 1 |
| W 2 | 8 49 41 | 13° 9'32 | 7♓35 | 20°50 | 29°12 | 28♌18 | 1♋47 | 21°26 | 22°43 | 25♋46 | 0♋58 | 29♎19 | 0°17 | 6° 2 | 13°54 | W 2 |
| T 3 | 8 53 38 | 14°10'31 | 22°21 | 22° 9 | 0♓27 | 27°56 | 1°43 | 21°33 | 22°46 | 25°44 | 0°58 | 29°12 | 0°14 | 6° 9 | 13°57 | T 3 |
| F 4 | 8 57 34 | 15°11'29 | 6♈59 | 23°30 | 1°42 | 27°34 | 1°38 | 21°40 | 22°48 | 25°42 | 0°57 | 29° 8 | 0°10 | 6°16 | 14° 1 | F 4 |
| S 5 | 9 1 31 | 16°12'26 | 21°25 | 24°52 | 2°58 | 27°12 | 1°34 | 21°48 | 22°51 | 25°41 | 0°56 | 29° 6 | 0° 7 | 6°22 | 14° 5 | S 5 |
| S 6 | 9 5 27 | 17°13'22 | 5♉36 | 26°15 | 4°13 | 26°49 | 1°31 | 21°55 | 22°53 | 25°39 | 0°55 | 29°D 6 | 0° 4 | 6°29 | 14° 8 | S 6 |
| M 7 | 9 9 24 | 18°14'16 | 19°31 | 27°40 | 5°28 | 26°25 | 1°27 | 22° 2 | 22°56 | 25°38 | 0°54 | 29°R 6 | 0° 1 | 6°36 | 14°12 | M 7 |
| T 8 | 9 13 20 | 19°15'09 | 3♊10 | 29° 5 | 6°43 | 26° 2 | 1°24 | 22° 9 | 22°58 | 25°36 | 0°54 | 29° 6 | 29♎58 | 6°42 | 14°16 | T 8 |
| W 9 | 9 17 17 | 20°16'01 | 16°35 | 0♒31 | 7°58 | 25°38 | 1°21 | 22°16 | 23° 1 | 25°35 | 0°53 | 29° 3 | 29°55 | 6°49 | 14°20 | W 9 |
| T 10 | 9 21 13 | 21°16'52 | 29°47 | 1°58 | 9°13 | 25°14 | 1°18 | 22°24 | 23° 3 | 25°33 | 0°52 | 28°57 | 29°51 | 6°55 | 14°23 | T 10 |
| F 11 | 9 25 10 | 22°17'41 | 12♋46 | 3°26 | 10°27 | 24°50 | 1°15 | 22°31 | 23° 5 | 25°32 | 0°52 | 28°49 | 29°48 | 7° 2 | 14°27 | F 11 |
| S 12 | 9 29 7 | 23°18'29 | 25°34 | 4°54 | 11°42 | 24°26 | 1°12 | 22°38 | 23° 7 | 25°30 | 0°51 | 28°38 | 29°45 | 7° 9 | 14°31 | S 12 |
| S 13 | 9 33 3 | 24°19'15 | 8♌11 | 6°24 | 12°57 | 24° 2 | 1°10 | 22°45 | 23°10 | 25°29 | 0°50 | 28°26 | 29°42 | 7°15 | 14°35 | S 13 |
| M14 | 9 37 0 | 25°20'01 | 20°37 | 7°54 | 14°12 | 23°39 | 1° 8 | 22°52 | 23°12 | 25°27 | 0°50 | 28°14 | 29°39 | 7°22 | 14°39 | M14 |
| T 15 | 9 40 56 | 26°20'45 | 2♍52 | 9°26 | 15°27 | 23°15 | 1° 6 | 22°59 | 23°14 | 25°26 | 0°49 | 28° 3 | 29°36 | 7°29 | 14°43 | T 15 |
| W16 | 9 44 53 | 27°21'27 | 14°58 | 10°58 | 16°42 | 22°51 | 1° 4 | 23° 7 | 23°16 | 25°24 | 0°48 | 27°53 | 29°32 | 7°35 | 14°47 | W16 |
| T 17 | 9 48 49 | 28°22'09 | 26°54 | 12°31 | 17°56 | 22°27 | 1° 2 | 23°14 | 23°18 | 25°23 | 0°48 | 27°46 | 29°29 | 7°42 | 14°51 | T 17 |
| F 18 | 9 52 46 | 29°22'49 | 8♎45 | 14° 4 | 19°11 | 22° 4 | 1° 1 | 23°21 | 23°20 | 25°22 | 0°47 | 27°41 | 29°26 | 7°49 | 14°55 | F 18 |
| S 19 | 9 56 42 | 0♓23'28 | 20°32 | 15°39 | 20°26 | 21°41 | 1° 0 | 23°28 | 23°22 | 25°20 | 0°47 | 27°39 | 29°23 | 7°55 | 14°58 | S 19 |
| S 20 | 10 0 39 | 1°24'06 | 2♏19 | 17°14 | 21°41 | 21°18 | 0°59 | 23°35 | 23°24 | 25°19 | 0°46 | 27°D39 | 29°20 | 8° 2 | 15° 2 | S 20 |
| M21 | 10 4 35 | 2°24'43 | 14°11 | 18°51 | 22°55 | 20°55 | 0°58 | 23°42 | 23°26 | 25°18 | 0°46 | 27°40 | 29°16 | 8° 9 | 15° 6 | M21 |
| T 22 | 10 8 32 | 3°25'19 | 26°14 | 20°28 | 24°10 | 20°33 | 0°57 | 23°49 | 23°28 | 25°17 | 0°45 | 27°41 | 29°13 | 8°15 | 15°10 | T 22 |
| W23 | 10 12 29 | 4°25'54 | 8♐32 | 22° 6 | 25°25 | 20°12 | 0°57 | 23°57 | 23°30 | 25°15 | 0°45 | 27°R41 | 29°10 | 8°22 | 15°14 | W23 |
| T 24 | 10 16 25 | 5°26'27 | 21°10 | 23°45 | 26°39 | 19°50 | 0°D57 | 24° 4 | 23°31 | 25°14 | 0°44 | 27°39 | 29° 7 | 8°29 | 15°18 | T 24 |
| F 25 | 10 20 22 | 6°26'59 | 4♑13 | 25°24 | 27°54 | 19°29 | 0°57 | 24°11 | 23°33 | 25°13 | 0°44 | 27°36 | 29° 4 | 8°35 | 15°22 | F 25 |
| S 26 | 10 24 18 | 7°27'31 | 17°45 | 27° 5 | 29° 8 | 19° 9 | 0°57 | 24°18 | 23°35 | 25°12 | 0°44 | 27°30 | 29° 1 | 8°42 | 15°26 | S 26 |
| S 27 | 10 28 15 | 8°28'00 | 1♒45 | 28°47 | 0♈23 | 18°49 | 0°57 | 24°25 | 23°36 | 25°11 | 0°43 | 27°23 | 28°57 | 8°49 | 15°31 | S 27 |
| M28 | 10 32 11 | 9♓28'29 | 16♒13 | 0♓29 | 1♈37 | 18♌30 | 0♋58 | 24♒32 | 23♐38 | 25♋ 9 | 0♋43 | 27♎15 | 28♎54 | 8♎55 | 15♓35 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s 7 | 9s31 | 4n37 | 21s55 | 0n 3 | 13s35 | 1s31 | 16n 5 | 4n27 | 23n13 | 0s 9 | 15s16 | 0s57 | 23s14 | 0s 3 | 20n20 | 0s37 | 16n 8 | 7s15 | 11s16 | 11s34 | 4s18 | 1s54 | 4n49 |
| W 2 | 16 50 | 5 2 | 3 57 | 21 52 | 0s 5 | 13 9 | 1 31 | 16 14 | 4 28 | 23 14 | 0 9 | 15 14 | 0 57 | 23 14 | 0 3 | 20 21 | 0 37 | 16 8 | 7 15 | 11 12 | 11 33 | 4 20 | 1 52 | 4 49 |
| T 3 | 16 32 | 0 15 | 3 2 | 21 47 | 0 14 | 12 43 | 1 32 | 16 22 | 4 29 | 23 14 | 0 9 | 15 12 | 0 57 | 23 15 | 0 3 | 20 21 | 0 37 | 16 8 | 7 15 | 11 10 | 11 32 | 4 22 | 1 51 | 4 49 |
| F 4 | 16 15 | 4n31 | 1 55 | 21 42 | 0 22 | 12 16 | 1 32 | 16 31 | 4 30 | 23 14 | 0 8 | 15 9 | 0 57 | 23 15 | 0 3 | 20 21 | 0 37 | 16 8 | 7 15 | 11 8 | 11 30 | 4 24 | 1 50 | 4 48 |
| S 5 | 15 57 | 8 58 | 0 41 | 21 35 | 0 29 | 11 49 | 1 31 | 16 39 | 4 31 | 23 14 | 0 8 | 15 7 | 0 57 | 23 15 | 0 3 | 20 22 | 0 37 | 16 8 | 7 14 | 11 8 | 11 29 | 4 26 | 1 49 | 4 48 |
| S 6 | 15 38 | 12 49 | 0s34 | 21 27 | 0 37 | 11 22 | 1 31 | 16 48 | 4 32 | 23 14 | 0 8 | 15 5 | 0 58 | 23 15 | 0 3 | 20 22 | 0 37 | 16 9 | 7 14 | 11 8 | 11 28 | 4 28 | 1 48 | 4 48 |
| M 7 | 15 20 | 15 52 | 1 46 | 21 18 | 0 44 | 10 54 | 1 31 | 16 57 | 4 32 | 23 15 | 0 8 | 15 3 | 0 58 | 23 15 | 0 3 | 20 22 | 0 37 | 16 9 | 7 14 | 11 8 | 11 27 | 4 30 | 1 46 | 4 48 |
| T 8 | 15 1 | 17 57 | 2 51 | 21 8 | 0 51 | 10 26 | 1 31 | 17 5 | 4 33 | 23 15 | 0 8 | 15 0 | 0 58 | 23 15 | 0 3 | 20 22 | 0 37 | 16 9 | 7 14 | 11 8 | 11 26 | 4 32 | 1 45 | 4 48 |
| W 9 | 14 42 | 18 59 | 3 44 | 20 56 | 0 58 | 9 58 | 1 31 | 17 14 | 4 33 | 23 15 | 0 8 | 14 58 | 0 58 | 23 15 | 0 3 | 20 23 | 0 36 | 16 9 | 7 14 | 11 7 | 11 25 | 4 33 | 1 44 | 4 47 |
| T 10 | 14 22 | 18 58 | 4 25 | 20 43 | 1 4 | 9 29 | 1 30 | 17 22 | 4 33 | 23 15 | 0 8 | 14 56 | 0 58 | 23 16 | 0 3 | 20 23 | 0 36 | 16 9 | 7 14 | 11 5 | 11 24 | 4 35 | 1 42 | 4 47 |
| F 11 | 14 3 | 17 56 | 4 51 | 20 29 | 1 10 | 9 1 | 1 30 | 17 30 | 4 33 | 23 15 | 0 7 | 14 53 | 0 58 | 23 16 | 0 4 | 20 23 | 0 36 | 16 9 | 7 13 | 11 2 | 11 23 | 4 37 | 1 41 | 4 47 |
| S 12 | 13 43 | 16 1 | 5 2 | 20 14 | 1 16 | 8 32 | 1 29 | 17 38 | 4 34 | 23 15 | 0 7 | 14 51 | 0 58 | 23 16 | 0 4 | 20 24 | 0 36 | 16 10 | 7 13 | 10 58 | 11 22 | 4 39 | 1 40 | 4 47 |
| S 13 | 13 23 | 13 22 | 4 59 | 19 57 | 1 22 | 8 3 | 1 28 | 17 46 | 4 33 | 23 16 | 0 7 | 14 49 | 0 58 | 23 16 | 0 4 | 20 24 | 0 36 | 16 10 | 7 13 | 10 54 | 11 20 | 4 41 | 1 39 | 4 47 |
| M14 | 13 3 | 10 9 | 4 40 | 19 40 | 1 27 | 7 33 | 1 28 | 17 54 | 4 33 | 23 16 | 0 7 | 14 47 | 0 58 | 23 16 | 0 4 | 20 24 | 0 36 | 16 10 | 7 13 | 10 49 | 11 19 | 4 43 | 1 37 | 4 47 |
| T 15 | 12 42 | 6 33 | 4 10 | 19 20 | 1 33 | 7 4 | 1 27 | 18 2 | 4 33 | 23 16 | 0 7 | 14 44 | 0 58 | 23 16 | 0 4 | 20 24 | 0 36 | 16 10 | 7 13 | 10 45 | 11 18 | 4 45 | 1 36 | 4 47 |
| W16 | 12 22 | 2 43 | 3 28 | 19 0 | 1 37 | 6 34 | 1 26 | 18 10 | 4 33 | 23 16 | 0 7 | 14 42 | 0 58 | 23 16 | 0 4 | 20 25 | 0 36 | 16 10 | 7 13 | 10 42 | 11 17 | 4 47 | 1 34 | 4 46 |
| T 17 | 12 1 | 1s10 | 2 37 | 18 38 | 1 42 | 6 4 | 1 25 | 18 17 | 4 32 | 23 16 | 0 7 | 14 40 | 0 58 | 23 17 | 0 4 | 20 25 | 0 36 | 16 11 | 7 12 | 10 39 | 11 16 | 4 48 | 1 33 | 4 46 |
| F 18 | 11 40 | 4 59 | 1 40 | 18 15 | 1 46 | 5 34 | 1 24 | 18 24 | 4 32 | 23 16 | 0 6 | 14 37 | 0 58 | 23 17 | 0 4 | 20 25 | 0 36 | 16 11 | 7 12 | 10 38 | 11 15 | 4 50 | 1 32 | 4 46 |
| S 19 | 11 19 | 8 35 | 0 38 | 17 51 | 1 50 | 5 4 | 1 23 | 18 31 | 4 31 | 23 17 | 0 6 | 14 35 | 0 58 | 23 17 | 0 4 | 20 26 | 0 36 | 16 11 | 7 12 | 10 37 | 11 14 | 4 52 | 1 30 | 4 46 |
| S 20 | 10 57 | 11 51 | 0n25 | 17 26 | 1 53 | 4 33 | 1 22 | 18 38 | 4 30 | 23 17 | 0 6 | 14 33 | 0 58 | 23 17 | 0 4 | 20 26 | 0 36 | 16 11 | 7 12 | 10 37 | 11 13 | 4 54 | 1 29 | 4 46 |
| M21 | 10 35 | 14 40 | 1 28 | 16 59 | 1 56 | 4 3 | 1 21 | 18 44 | 4 29 | 23 17 | 0 6 | 14 31 | 0 59 | 23 17 | 0 4 | 20 26 | 0 36 | 16 11 | 7 12 | 10 37 | 11 11 | 4 56 | 1 28 | 4 46 |
| T 22 | 10 14 | 16 52 | 2 28 | 16 31 | 1 59 | 3 32 | 1 20 | 18 50 | 4 28 | 23 17 | 0 6 | 14 28 | 0 59 | 23 17 | 0 4 | 20 26 | 0 36 | 16 12 | 7 11 | 10 37 | 11 10 | 4 58 | 1 26 | 4 46 |
| W23 | 9 52 | 18 21 | 3 22 | 16 2 | 2 2 | 3 1 | 1 19 | 18 56 | 4 27 | 23 17 | 0 6 | 14 26 | 0 59 | 23 17 | 0 4 | 20 27 | 0 36 | 16 12 | 7 11 | 10 37 | 11 9 | 5 0 | 1 25 | 4 45 |
| T 24 | 9 30 | 18 58 | 4 8 | 15 31 | 2 4 | 2 31 | 1 17 | 19 2 | 4 26 | 23 17 | 0 5 | 14 24 | 0 59 | 23 17 | 0 4 | 20 27 | 0 36 | 16 12 | 7 11 | 10 37 | 11 8 | 5 2 | 1 23 | 4 45 |
| F 25 | 9 7 | 18 36 | 4 43 | 14 59 | 2 5 | 2 0 | 1 16 | 19 7 | 4 25 | 23 18 | 0 5 | 14 21 | 0 59 | 23 17 | 0 4 | 20 27 | 0 36 | 16 12 | 7 11 | 10 36 | 11 7 | 5 3 | 1 22 | 4 45 |
| S 26 | 8 45 | 17 12 | 5 3 | 14 26 | 2 7 | 1 29 | 1 14 | 19 13 | 4 23 | 23 18 | 0 5 | 14 19 | 0 59 | 23 17 | 0 4 | 20 27 | 0 36 | 16 12 | 7 11 | 10 34 | 11 6 | 5 5 | 1 20 | 4 45 |
| S 27 | 8 23 | 14 44 | 5 7 | 13 52 | 2 8 | 0 58 | 1 13 | 19 17 | 4 22 | 23 18 | 0 5 | 14 17 | 0 59 | 23 18 | 0 4 | 20 28 | 0 36 | 16 13 | 7 10 | 10 31 | 11 5 | 5 7 | 1 19 | 4 45 |
| M28 | 8s 0 | 11s18 | 4n51 | 13s16 | 2s 8 | 0s27 | 1s11 | 19n22 | 4n20 | 23n18 | 0s 5 | 14s15 | 0s59 | 23s18 | 0s 4 | 20n28 | 0s36 | 16n13 | 7s10 | 10s28 | 11s 4 | 5s 9 | 1s17 | 4n45 |

Julian Day Number = 2599499.5, Delta T = 08m53s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'13, Lahiri = 29°31'14


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## MARCH 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 36 8 | 10♓28'55 | 1♓ 2 | 2♓13 | 2♈52 | 18°R12 | 0♋59 | 24♒39 | 23♐39 | 25°R 8 | 0°R43 | 27°R 8 | 28♎51 | 9♎ 2 | 15♓39 | T 1 |
| W 2 | 10 40 4 | 11°29'21 | 16° 4 | 3°57 | 4° 6 | 17♌54 | 1° 0 | 24°46 | 23°41 | 25♋ 7 | 0♋42 | 27♎ 1 | 28°48 | 9° 9 | 15°43 | W 2 |
| T 3 | 10 44 1 | 12°29'44 | 1♈11 | 5°43 | 5°20 | 17°37 | 1° 1 | 24°53 | 23°42 | 25° 6 | 0°42 | 26°57 | 28°45 | 9°15 | 15°47 | T 3 |
| F 4 | 10 47 58 | 13°30'06 | 16°13 | 7°29 | 6°35 | 17°20 | 1° 2 | 25° 0 | 23°43 | 25° 5 | 0°42 | 26°54 | 28°41 | 9°22 | 15°51 | F 4 |
| S 5 | 10 51 54 | 14°30'26 | 1♉ 1 | 9°16 | 7°49 | 17° 4 | 1° 4 | 25° 7 | 23°45 | 25° 4 | 0°41 | 26°D54 | 28°38 | 9°29 | 15°55 | S 5 |
| S 6 | 10 55 51 | 15°30'44 | 15°30 | 11° 5 | 9° 3 | 16°49 | 1° 6 | 25°14 | 23°46 | 25° 3 | 0°41 | 26°55 | 28°35 | 9°35 | 15°59 | S 6 |
| M 7 | 10 59 47 | 16°31'00 | 29°37 | 12°54 | 10°17 | 16°35 | 1° 8 | 25°21 | 23°47 | 25° 2 | 0°41 | 26°56 | 28°32 | 9°42 | 16° 3 | M 7 |
| T 8 | 11 3 44 | 17°31'14 | 13♊22 | 14°45 | 11°32 | 16°21 | 1°10 | 25°28 | 23°48 | 25° 1 | 0°41 | 26°R57 | 28°29 | 9°48 | 16° 7 | T 8 |
| W 9 | 11 7 40 | 18°31'26 | 26°45 | 16°36 | 12°46 | 16° 8 | 1°12 | 25°34 | 23°49 | 25° 0 | 0°41 | 26°57 | 28°26 | 9°55 | 16°11 | W 9 |
| T 10 | 11 11 37 | 19°31'36 | 9♋49 | 18°29 | 14° 0 | 15°56 | 1°15 | 25°41 | 23°50 | 25° 0 | 0°41 | 26°55 | 28°22 | 10° 2 | 16°15 | T 10 |
| F 11 | 11 15 33 | 20°31'44 | 22°36 | 20°22 | 15°14 | 15°45 | 1°18 | 25°48 | 23°51 | 24°59 | 0°41 | 26°51 | 28°19 | 10° 8 | 16°19 | F 11 |
| S 12 | 11 19 30 | 21°31'50 | 5♌ 9 | 22°16 | 16°28 | 15°35 | 1°21 | 25°55 | 23°52 | 24°58 | 0°40 | 26°46 | 28°16 | 10°15 | 16°23 | S 12 |
| S 13 | 11 23 27 | 22°31'54 | 17°30 | 24°11 | 17°42 | 15°25 | 1°24 | 26° 1 | 23°53 | 24°57 | 0°40 | 26°40 | 28°13 | 10°22 | 16°27 | S 13 |
| M14 | 11 27 23 | 23°31'55 | 29°41 | 26° 7 | 18°56 | 15°16 | 1°27 | 26° 8 | 23°54 | 24°57 | 0°40 | 26°34 | 28°10 | 10°28 | 16°31 | M14 |
| T 15 | 11 31 20 | 24°31'55 | 11♍44 | 28° 3 | 20°10 | 15° 8 | 1°31 | 26°15 | 23°55 | 24°56 | 0°D40 | 26°28 | 28° 7 | 10°35 | 16°35 | T 15 |
| W16 | 11 35 16 | 25°31'53 | 23°40 | 0♈ 1 | 21°24 | 15° 0 | 1°34 | 26°21 | 23°55 | 24°55 | 0°40 | 26°23 | 28° 3 | 10°42 | 16°39 | W16 |
| T 17 | 11 39 13 | 26°31'49 | 5♎31 | 1°58 | 22°37 | 14°54 | 1°38 | 26°28 | 23°56 | 24°55 | 0°40 | 26°20 | 28° 0 | 10°48 | 16°43 | T 17 |
| F 18 | 11 43 9 | 27°31'43 | 17°19 | 3°56 | 23°51 | 14°48 | 1°42 | 26°34 | 23°57 | 24°54 | 0°40 | 26°18 | 27°57 | 10°55 | 16°47 | F 18 |
| S 19 | 11 47 6 | 28°31'36 | 29° 6 | 5°54 | 25° 5 | 14°43 | 1°46 | 26°41 | 23°57 | 24°53 | 0°41 | 26°D18 | 27°54 | 11° 2 | 16°51 | S 19 |
| S 20 | 11 51 2 | 29°31'26 | 10♏56 | 7°52 | 26°18 | 14°39 | 1°51 | 26°47 | 23°58 | 24°53 | 0°41 | 26°19 | 27°51 | 11° 8 | 16°55 | S 20 |
| M21 | 11 54 59 | 0♈31'15 | 22°51 | 9°49 | 27°32 | 14°35 | 1°55 | 26°54 | 23°58 | 24°52 | 0°41 | 26°20 | 27°47 | 11°15 | 16°59 | M21 |
| T 22 | 11 58 55 | 1°31'02 | 4♐56 | 11°46 | 28°45 | 14°33 | 2° 0 | 27° 0 | 23°58 | 24°52 | 0°41 | 26°22 | 27°44 | 11°22 | 17° 3 | T 22 |
| W23 | 12 2 52 | 2°30'48 | 17°14 | 13°42 | 29°59 | 14°31 | 2° 5 | 27° 6 | 23°59 | 24°51 | 0°41 | 26°24 | 27°41 | 11°28 | 17° 7 | W23 |
| T 24 | 12 6 49 | 3°30'32 | 29°50 | 15°36 | 1♑12 | 14°30 | 2°10 | 27°13 | 23°59 | 24°51 | 0°41 | 26°R24 | 27°38 | 11°35 | 17°11 | T 24 |
| F 25 | 12 10 45 | 4°30'14 | 12♑48 | 17°29 | 2°26 | 14°D29 | 2°15 | 27°19 | 23°59 | 24°51 | 0°42 | 26°24 | 27°35 | 11°42 | 17°15 | F 25 |
| S 26 | 12 14 42 | 5°29'54 | 26°11 | 19°19 | 3°39 | 14°29 | 2°21 | 27°25 | 23°59 | 24°50 | 0°42 | 26°23 | 27°32 | 11°48 | 17°19 | S 26 |
| S 27 | 12 18 38 | 6°29'33 | 10♒ 3 | 21° 7 | 4°53 | 14°30 | 2°26 | 27°31 | 24° 0 | 24°50 | 0°42 | 26°21 | 27°28 | 11°55 | 17°23 | S 27 |
| M28 | 12 22 35 | 7°29'10 | 24°22 | 22°52 | 6° 6 | 14°32 | 2°32 | 27°37 | 24° 0 | 24°50 | 0°42 | 26°18 | 27°25 | 12° 1 | 17°27 | M28 |
| T 29 | 12 26 31 | 8°28'45 | 9♓ 5 | 24°33 | 7°19 | 14°35 | 2°38 | 27°43 | 24°R 0 | 24°49 | 0°43 | 26°16 | 27°22 | 12° 8 | 17°30 | T 29 |
| W30 | 12 30 28 | 9°28'19 | 24° 7 | 26°11 | 8°32 | 14°38 | 2°44 | 27°49 | 24° 0 | 24°49 | 0°43 | 26°14 | 27°19 | 12°15 | 17°34 | W30 |
| T 31 | 12 34 24 | 10♈27'50 | 9♈19 | 27♈44 | 9♉45 | 14♌42 | 2♋50 | 27♒55 | 23♐59 | 24♋49 | 0♋43 | 26♎13 | 27♎16 | 12♎21 | 17♓38 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s37 | 7s 5 | 4n16 | 12s39 | 2s 8 | 0n 4 | 1s 9 | 19n26 | 4n19 | 23n18 | 0s 5 | 14s12 | 0s59 | 23s18 | 0s 4 | 20n28 | 0s36 | 16n13 | 7s10 | 10s26 | 11s 2 | 5s11 | 1s16 | 4n45 |
| W 2 | 7 14 | 2 22 | 3 23 | 12 1 | 2 8 | 0 35 | 1 8 | 19 30 | 4 17 | 23 18 | 0 5 | 14 10 | 0 59 | 23 18 | 0 4 | 20 28 | 0 36 | 16 13 | 7 10 | 10 23 | 11 1 | 5 13 | 1 15 | 4 45 |
| T 3 | 6 51 | 2n32 | 2 15 | 11 22 | 2 7 | 1 6 | 1 6 | 19 34 | 4 15 | 23 18 | 0 5 | 14 8 | 0 59 | 23 18 | 0 4 | 20 28 | 0 36 | 16 13 | 7 10 | 10 22 | 11 0 | 5 15 | 1 13 | 4 45 |
| F 4 | 6 28 | 7 15 | 0 58 | 10 41 | 2 6 | 1 37 | 1 4 | 19 37 | 4 13 | 23 18 | 0 4 | 14 6 | 1 0 | 23 18 | 0 4 | 20 29 | 0 36 | 16 14 | 7 9 | 10 21 | 10 59 | 5 16 | 1 12 | 4 45 |
| S 5 | 6 5 | 11 27 | 0s22 | 9 59 | 2 4 | 2 9 | 1 2 | 19 40 | 4 11 | 23 19 | 0 4 | 14 3 | 1 0 | 23 18 | 0 4 | 20 29 | 0 36 | 16 14 | 7 9 | 10 21 | 10 58 | 5 18 | 1 10 | 4 45 |
| S 6 | 5 42 | 14 51 | 1 39 | 9 16 | 2 2 | 2 39 | 1 0 | 19 43 | 4 10 | 23 19 | 0 4 | 14 1 | 1 0 | 23 18 | 0 4 | 20 29 | 0 36 | 16 14 | 7 9 | 10 21 | 10 57 | 5 20 | 1 9 | 4 44 |
| M 7 | 5 19 | 17 17 | 2 48 | 8 32 | 1 59 | 3 10 | 0 58 | 19 46 | 4 8 | 23 19 | 0 4 | 13 59 | 1 0 | 23 18 | 0 4 | 20 29 | 0 36 | 16 14 | 7 9 | 10 22 | 10 56 | 5 22 | 1 7 | 4 44 |
| T 8 | 4 55 | 18 37 | 3 46 | 7 47 | 1 56 | 3 41 | 0 56 | 19 48 | 4 6 | 23 19 | 0 4 | 13 57 | 1 0 | 23 18 | 0 4 | 20 29 | 0 36 | 16 14 | 7 9 | 10 22 | 10 55 | 5 24 | 1 6 | 4 44 |
| W 9 | 4 32 | 18 51 | 4 29 | 7 0 | 1 52 | 4 12 | 0 54 | 19 50 | 4 3 | 23 19 | 0 4 | 13 55 | 1 0 | 23 18 | 0 4 | 20 30 | 0 36 | 16 15 | 7 8 | 10 22 | 10 53 | 5 26 | 1 4 | 4 44 |
| T 10 | 4 8 | 18 4 | 4 58 | 6 12 | 1 48 | 4 43 | 0 52 | 19 52 | 4 1 | 23 19 | 0 4 | 13 52 | 1 0 | 23 18 | 0 4 | 20 30 | 0 36 | 16 15 | 7 8 | 10 21 | 10 52 | 5 27 | 1 3 | 4 44 |
| F 11 | 3 45 | 16 23 | 5 11 | 5 24 | 1 43 | 5 13 | 0 50 | 19 53 | 3 59 | 23 19 | 0 3 | 13 50 | 1 0 | 23 18 | 0 4 | 20 30 | 0 36 | 16 15 | 7 8 | 10 20 | 10 51 | 5 29 | 1 1 | 4 44 |
| S 12 | 3 21 | 13 57 | 5 8 | 4 34 | 1 38 | 5 44 | 0 47 | 19 54 | 3 57 | 23 19 | 0 3 | 13 48 | 1 0 | 23 18 | 0 4 | 20 30 | 0 36 | 16 15 | 7 8 | 10 18 | 10 50 | 5 31 | 1 0 | 4 44 |
| S 13 | 2 57 | 10 55 | 4 51 | 3 43 | 1 32 | 6 14 | 0 45 | 19 55 | 3 55 | 23 19 | 0 3 | 13 46 | 1 0 | 23 18 | 0 4 | 20 30 | 0 36 | 16 15 | 7 8 | 10 16 | 10 49 | 5 33 | 0 58 | 4 44 |
| M14 | 2 34 | 7 28 | 4 21 | 2 51 | 1 26 | 6 44 | 0 43 | 19 55 | 3 53 | 23 20 | 0 3 | 13 44 | 1 1 | 23 19 | 0 4 | 20 30 | 0 36 | 16 16 | 7 7 | 10 14 | 10 48 | 5 35 | 0 57 | 4 44 |
| T 15 | 2 10 | 3 45 | 3 40 | 1 59 | 1 19 | 7 15 | 0 40 | 19 56 | 3 50 | 23 20 | 0 3 | 13 41 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 16 | 7 7 | 10 11 | 10 47 | 5 37 | 0 55 | 4 44 |
| W16 | 1 46 | 0s 5 | 2 49 | 1 5 | 1 11 | 7 44 | 0 38 | 19 56 | 3 48 | 23 20 | 0 3 | 13 39 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 16 | 7 7 | 10 10 | 10 46 | 5 38 | 0 53 | 4 44 |
| T 17 | 1 23 | 3 54 | 1 52 | 0 11 | 1 3 | 8 14 | 0 35 | 19 56 | 3 46 | 23 20 | 0 3 | 13 37 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 16 | 7 7 | 10 8 | 10 44 | 5 40 | 0 52 | 4 44 |
| F 18 | 0 59 | 7 32 | 0 49 | 0n44 | 0 54 | 8 44 | 0 33 | 19 55 | 3 44 | 23 20 | 0 3 | 13 35 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 16 | 7 7 | 10 8 | 10 43 | 5 42 | 0 50 | 4 44 |
| S 19 | 0 35 | 10 53 | 0n15 | 1 39 | 0 45 | 9 13 | 0 30 | 19 54 | 3 41 | 23 20 | 0 2 | 13 33 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 17 | 7 6 | 10 8 | 10 42 | 5 44 | 0 49 | 4 44 |
| S 20 | 0 11 | 13 48 | 1 20 | 2 34 | 0 35 | 9 42 | 0 27 | 19 53 | 3 39 | 23 20 | 0 2 | 13 31 | 1 1 | 23 19 | 0 4 | 20 31 | 0 36 | 16 17 | 7 6 | 10 8 | 10 41 | 5 46 | 0 47 | 4 44 |
| M21 | 0n12 | 16 10 | 2 21 | 3 30 | 0 25 | 10 11 | 0 25 | 19 52 | 3 37 | 23 20 | 0 2 | 13 29 | 1 1 | 23 19 | 0 4 | 20 31 | 0 35 | 16 17 | 7 6 | 10 9 | 10 40 | 5 48 | 0 46 | 4 44 |
| T 22 | 0 36 | 17 50 | 3 17 | 4 25 | 0 15 | 10 40 | 0 22 | 19 51 | 3 34 | 23 20 | 0 2 | 13 27 | 1 1 | 23 19 | 0 4 | 20 32 | 0 35 | 16 17 | 7 6 | 10 9 | 10 39 | 5 49 | 0 44 | 4 44 |
| W23 | 1 0 | 18 42 | 4 5 | 5 20 | 0 3 | 11 8 | 0 19 | 19 49 | 3 32 | 23 20 | 0 2 | 13 25 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 17 | 7 6 | 10 10 | 10 38 | 5 51 | 0 43 | 4 44 |
| T 24 | 1 24 | 18 40 | 4 43 | 6 15 | 0n 8 | 11 37 | 0 16 | 19 47 | 3 30 | 23 20 | 0 2 | 13 23 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 18 | 7 5 | 10 10 | 10 36 | 5 53 | 0 41 | 4 44 |
| F 25 | 1 47 | 17 40 | 5 7 | 7 9 | 0 20 | 12 5 | 0 14 | 19 45 | 3 27 | 23 20 | 0 2 | 13 21 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 18 | 7 5 | 10 10 | 10 35 | 5 55 | 0 40 | 4 44 |
| S 26 | 2 11 | 15 41 | 5 16 | 8 2 | 0 32 | 12 32 | 0 11 | 19 43 | 3 25 | 23 20 | 0 2 | 13 19 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 18 | 7 5 | 10 9 | 10 34 | 5 57 | 0 38 | 4 44 |
| S 27 | 2 34 | 12 45 | 5 7 | 8 54 | 0 44 | 13 0 | 0 8 | 19 40 | 3 23 | 23 20 | 0 1 | 13 17 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 18 | 7 5 | 10 9 | 10 33 | 5 58 | 0 37 | 4 44 |
| M28 | 2 58 | 8 59 | 4 39 | 9 45 | 0 57 | 13 27 | 0 5 | 19 38 | 3 20 | 23 20 | 0 1 | 13 15 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 18 | 7 4 | 10 8 | 10 32 | 6 0 | 0 35 | 4 44 |
| T 29 | 3 21 | 4 33 | 3 52 | 10 34 | 1 9 | 13 53 | 0 2 | 19 35 | 3 18 | 23 20 | 0 1 | 13 13 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 19 | 7 4 | 10 7 | 10 31 | 6 2 | 0 34 | 4 44 |
| W30 | 3 45 | 0n15 | 2 49 | 11 21 | 1 21 | 14 20 | 0n 1 | 19 32 | 3 16 | 23 20 | 0 1 | 13 11 | 1 2 | 23 19 | 0 4 | 20 32 | 0 35 | 16 19 | 7 4 | 10 6 | 10 30 | 6 4 | 0 32 | 4 44 |
| T 31 | 4n 8 | 5n 6 | 1n32 | 12n 6 | 1n33 | 14n46 | 0n 4 | 19n28 | 3n13 | 23n20 | 0s 1 | 13s 9 | 1s 3 | 23s19 | 0s 4 | 20n32 | 0s35 | 16n19 | 7s 4 | 10s 6 | 10s28 | 6s 6 | 0s31 | 4n44 |

Julian Day Number = 2599527.5, Delta T = 08m53s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'17, Lahiri = 29°31'18


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## APRIL 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 38 21 | 11♈27'19 | 24♈31 | 29♈12 | 10♉58 | 14♌46 | 2♋57 | 28♒ 1 | 23°R59 | 24°R49 | 0♋44 | 26°D12 | 27♎12 | 12♎28 | 17♓42 | F 1 |
| S 2 | 12 42 18 | 12°26'47 | 9♉35 | 0♉35 | 12°11 | 14°51 | 3° 3 | 28° 7 | 23♐59 | 24♋49 | 0°44 | 26♎12 | 27° 9 | 12°35 | 17°46 | S 2 |
| S 3 | 12 46 14 | 13°26'12 | 24°21 | 1°52 | 13°24 | 14°57 | 3°10 | 28°13 | 23°59 | 24°49 | 0°44 | 26°13 | 27° 6 | 12°41 | 17°49 | S 3 |
| M 4 | 12 50 11 | 14°25'35 | 8♊44 | 3° 4 | 14°37 | 15° 4 | 3°17 | 28°18 | 23°59 | 24°49 | 0°45 | 26°14 | 27° 3 | 12°48 | 17°53 | M 4 |
| T 5 | 12 54 7 | 15°24'56 | 22°42 | 4° 9 | 15°50 | 15°11 | 3°24 | 28°24 | 23°58 | 24°D49 | 0°45 | 26°15 | 27° 0 | 12°55 | 17°57 | T 5 |
| W 6 | 12 58 4 | 16°24'14 | 6♋13 | 5° 8 | 17° 3 | 15°18 | 3°31 | 28°30 | 23°58 | 24°49 | 0°46 | 26°16 | 26°57 | 13° 1 | 18° 1 | W 6 |
| T 7 | 13 2 0 | 17°23'31 | 19°20 | 6° 0 | 18°15 | 15°27 | 3°38 | 28°35 | 23°57 | 24°49 | 0°46 | 26°R16 | 26°53 | 13° 8 | 18° 4 | T 7 |
| F 8 | 13 5 57 | 18°22'44 | 2♌ 5 | 6°46 | 19°28 | 15°36 | 3°46 | 28°41 | 23°57 | 24°49 | 0°47 | 26°16 | 26°50 | 13°15 | 18° 8 | F 8 |
| S 9 | 13 9 53 | 19°21'56 | 14°32 | 7°24 | 20°41 | 15°45 | 3°53 | 28°46 | 23°56 | 24°49 | 0°47 | 26°15 | 26°47 | 13°21 | 18°11 | S 9 |
| S 10 | 13 13 50 | 20°21'05 | 26°44 | 7°56 | 21°53 | 15°55 | 4° 1 | 28°52 | 23°56 | 24°49 | 0°48 | 26°14 | 26°44 | 13°28 | 18°15 | S 10 |
| M11 | 13 17 47 | 21°20'12 | 8♍46 | 8°20 | 23° 6 | 16° 6 | 4° 9 | 28°57 | 23°55 | 24°49 | 0°49 | 26°14 | 26°41 | 13°35 | 18°19 | M11 |
| T 12 | 13 21 43 | 22°19'17 | 20°40 | 8°37 | 24°18 | 16°17 | 4°17 | 29° 2 | 23°54 | 24°49 | 0°49 | 26°13 | 26°38 | 13°41 | 18°22 | T 12 |
| W13 | 13 25 40 | 23°18'20 | 2♎30 | 8°48 | 25°30 | 16°29 | 4°25 | 29° 7 | 23°54 | 24°50 | 0°50 | 26°13 | 26°34 | 13°48 | 18°26 | W13 |
| T 14 | 13 29 36 | 24°17'20 | 14°17 | 8°R51 | 26°42 | 16°41 | 4°33 | 29°12 | 23°53 | 24°50 | 0°50 | 26°12 | 26°31 | 13°54 | 18°29 | T 14 |
| F 15 | 13 33 33 | 25°16'19 | 26° 6 | 8°48 | 27°55 | 16°54 | 4°41 | 29°17 | 23°52 | 24°50 | 0°51 | 26°D12 | 26°28 | 14° 1 | 18°32 | F 15 |
| S 16 | 13 37 29 | 26°15'15 | 7♏57 | 8°38 | 29° 7 | 17° 8 | 4°50 | 29°22 | 23°51 | 24°51 | 0°52 | 26°R12 | 26°25 | 14° 8 | 18°36 | S 16 |
| S 17 | 13 41 26 | 27°14'10 | 19°53 | 8°23 | 0♊19 | 17°21 | 4°58 | 29°27 | 23°50 | 24°51 | 0°53 | 26°12 | 26°22 | 14°14 | 18°39 | S 17 |
| M18 | 13 45 22 | 28°13'03 | 1♐56 | 8° 1 | 1°31 | 17°36 | 5° 7 | 29°32 | 23°49 | 24°51 | 0°53 | 26°12 | 26°18 | 14°21 | 18°43 | M18 |
| T 19 | 13 49 19 | 29°11'53 | 14° 9 | 7°35 | 2°43 | 17°50 | 5°16 | 29°37 | 23°48 | 24°52 | 0°54 | 26°12 | 26°15 | 14°28 | 18°46 | T 19 |
| W20 | 13 53 16 | 0♑10'43 | 26°34 | 7° 4 | 3°54 | 18° 6 | 5°25 | 29°42 | 23°47 | 24°52 | 0°55 | 26°11 | 26°12 | 14°34 | 18°49 | W20 |
| T 21 | 13 57 12 | 1° 9'30 | 9♒15 | 6°29 | 5° 6 | 18°21 | 5°34 | 29°46 | 23°46 | 24°53 | 0°56 | 26°11 | 26° 9 | 14°41 | 18°52 | T 21 |
| F 22 | 14 1 9 | 2° 8'16 | 22°13 | 5°51 | 6°18 | 18°37 | 5°43 | 29°51 | 23°45 | 24°53 | 0°56 | 26°11 | 26° 6 | 14°48 | 18°56 | F 22 |
| S 23 | 14 5 5 | 3° 7'00 | 5♒32 | 5°10 | 7°29 | 18°54 | 5°52 | 29°55 | 23°43 | 24°54 | 0°57 | 26°D11 | 26° 3 | 14°54 | 18°59 | S 23 |
| S 24 | 14 9 2 | 4° 5'42 | 19°14 | 4°28 | 8°41 | 19°11 | 6° 2 | 29°59 | 23°42 | 24°55 | 0°58 | 26°11 | 25°59 | 15° 1 | 19° 2 | S 24 |
| M25 | 14 12 58 | 5° 4'23 | 3♓19 | 3°45 | 9°52 | 19°28 | 6°11 | 0♓ 4 | 23°41 | 24°55 | 0°59 | 26°11 | 25°56 | 15° 8 | 19° 5 | M25 |
| T 26 | 14 16 55 | 6° 3'02 | 17°46 | 3° 2 | 11° 4 | 19°46 | 6°21 | 0° 8 | 23°39 | 24°56 | 1° 0 | 26°12 | 25°53 | 15°14 | 19° 8 | T 26 |
| W27 | 14 20 51 | 7° 1'40 | 2♈33 | 2°20 | 12°15 | 20° 4 | 6°31 | 0°13 | 23°38 | 24°57 | 1° 1 | 26°13 | 25°50 | 15°21 | 19°11 | W27 |
| T 28 | 14 24 48 | 8° 0'15 | 17°33 | 1°39 | 13°26 | 20°23 | 6°41 | 0°17 | 23°37 | 24°58 | 1° 2 | 26°14 | 25°47 | 15°28 | 19°14 | T 28 |
| F 29 | 14 28 44 | 8°58'49 | 2♉39 | 1° 1 | 14°37 | 20°42 | 6°51 | 0°21 | 23°35 | 24°58 | 1° 2 | 26°R14 | 25°44 | 15°34 | 19°17 | F 29 |
| S 30 | 14 32 41 | 9♉57'21 | 17♉42 | 0♉25 | 15♊48 | 21♌ 1 | 7♋ 1 | 0♓25 | 23♐34 | 24♋59 | 1♋ 3 | 26♎13 | 25♎40 | 15♎41 | 19♓20 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n31 | 9n38 | 0n 9 | 12n48 | 1n45 | 15n11 | 0n 7 | 19n25 | 3n11 | 23n20 | 0s 1 | 13s 7 | 1s 3 | 23s19 | 0s 4 | 20n32 | 0s35 | 16n19 | 7s 4 | 10s 6 | 10s27 | 6s 7 | 0s29 | 4n44 |
| S 2 | 4 54 | 13 29 | 1s14 | 13 28 | 1 57 | 15 37 | 0 10 | 19 21 | 3 9 | 23 20 | 0 1 | 13 5 | 1 3 | 23 19 | 0 4 | 20 32 | 0 35 | 16 19 | 7 3 | 10 6 | 10 26 | 6 9 | 0 28 | 4 44 |
| S 3 | 5 18 | 16 23 | 2 30 | 14 6 | 2 8 | 16 2 | 0 13 | 19 17 | 3 7 | 23 20 | 0 1 | 13 3 | 1 3 | 23 19 | 0 4 | 20 32 | 0 35 | 16 20 | 7 3 | 10 6 | 10 25 | 6 11 | 0 26 | 4 44 |
| M 4 | 5 40 | 18 10 | 3 35 | 14 40 | 2 18 | 16 26 | 0 16 | 19 13 | 3 4 | 23 20 | 0 1 | 13 1 | 1 3 | 23 19 | 0 4 | 20 32 | 0 35 | 16 20 | 7 3 | 10 6 | 10 24 | 6 13 | 0 25 | 4 44 |
| T 5 | 6 3 | 18 47 | 4 25 | 15 11 | 2 28 | 16 50 | 0 19 | 19 9 | 3 2 | 23 20 | 0 0 | 12 59 | 1 3 | 23 19 | 0 4 | 20 33 | 0 35 | 16 20 | 7 3 | 10 7 | 10 23 | 6 15 | 0 23 | 4 44 |
| W 6 | 6 26 | 18 16 | 4 58 | 15 40 | 2 37 | 17 14 | 0 22 | 19 4 | 3 0 | 23 20 | 0 0 | 12 58 | 1 3 | 23 19 | 0 4 | 20 33 | 0 35 | 16 20 | 7 3 | 10 7 | 10 22 | 6 16 | 0 22 | 4 45 |
| T 7 | 6 49 | 16 47 | 5 15 | 16 5 | 2 45 | 17 37 | 0 25 | 19 0 | 2 58 | 23 20 | 0 0 | 12 56 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 20 | 7 2 | 10 7 | 10 20 | 6 18 | 0 20 | 4 45 |
| F 8 | 7 11 | 14 31 | 5 16 | 16 27 | 2 52 | 18 0 | 0 28 | 18 55 | 2 56 | 23 20 | 0 0 | 12 54 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 21 | 7 2 | 10 7 | 10 19 | 6 20 | 0 19 | 4 45 |
| S 9 | 7 34 | 11 37 | 5 2 | 16 45 | 2 58 | 18 23 | 0 31 | 18 50 | 2 53 | 23 20 | 0n 0 | 12 52 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 21 | 7 2 | 10 7 | 10 18 | 6 22 | 0 17 | 4 45 |
| S 10 | 7 56 | 8 16 | 4 34 | 17 0 | 3 3 | 18 45 | 0 34 | 18 45 | 2 51 | 23 20 | 0 0 | 12 51 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 21 | 7 2 | 10 6 | 10 17 | 6 24 | 0 16 | 4 45 |
| M11 | 8 18 | 4 38 | 3 54 | 17 11 | 3 6 | 19 6 | 0 37 | 18 40 | 2 49 | 23 19 | 0 0 | 12 49 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 21 | 7 2 | 10 6 | 10 16 | 6 25 | 0 14 | 4 45 |
| T 12 | 8 40 | 0 51 | 3 5 | 17 19 | 3 9 | 19 27 | 0 40 | 18 34 | 2 47 | 23 19 | 0 0 | 12 47 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 21 | 7 1 | 10 6 | 10 15 | 6 27 | 0 13 | 4 45 |
| W13 | 9 2 | 2s57 | 2 8 | 17 24 | 3 10 | 19 48 | 0 43 | 18 29 | 2 45 | 23 19 | 0 0 | 12 46 | 1 4 | 23 19 | 0 4 | 20 33 | 0 35 | 16 22 | 7 1 | 10 6 | 10 14 | 6 29 | 0 11 | 4 45 |
| T 14 | 9 24 | 6 38 | 1 6 | 17 24 | 3 9 | 20 7 | 0 46 | 18 23 | 2 43 | 23 19 | 0 1 | 12 44 | 1 5 | 23 19 | 0 4 | 20 33 | 0 35 | 16 22 | 7 1 | 10 6 | 10 12 | 6 31 | 0 10 | 4 45 |
| F 15 | 9 45 | 10 4 | 0 1 | 17 21 | 3 7 | 20 27 | 0 49 | 18 17 | 2 41 | 23 19 | 0 1 | 12 42 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 22 | 7 1 | 10 6 | 10 11 | 6 33 | 0 9 | 4 45 |
| S 16 | 10 7 | 13 6 | 1n 5 | 17 15 | 3 4 | 20 46 | 0 52 | 18 11 | 2 39 | 23 19 | 0 1 | 12 41 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 22 | 7 1 | 10 6 | 10 10 | 6 34 | 0 7 | 4 45 |
| S 17 | 10 28 | 15 37 | 2 8 | 17 5 | 2 59 | 21 4 | 0 55 | 18 5 | 2 37 | 23 18 | 0 1 | 12 39 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 22 | 7 1 | 10 6 | 10 9 | 6 36 | 0 6 | 4 45 |
| M18 | 10 49 | 17 28 | 3 6 | 16 52 | 2 53 | 21 22 | 0 58 | 17 59 | 2 35 | 23 18 | 0 1 | 12 38 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 7 0 | 10 6 | 10 8 | 6 38 | 0 4 | 4 46 |
| T 19 | 11 10 | 18 32 | 3 56 | 16 36 | 2 45 | 21 39 | 1 1 | 17 52 | 2 33 | 23 18 | 0 1 | 12 36 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 7 0 | 10 5 | 10 7 | 6 40 | 0 3 | 4 46 |
| W20 | 11 31 | 18 44 | 4 37 | 16 17 | 2 35 | 21 56 | 1 4 | 17 46 | 2 31 | 23 18 | 0 1 | 12 35 | 1 5 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 7 0 | 10 5 | 10 6 | 6 41 | 0 2 | 4 46 |
| T 21 | 11 51 | 18 0 | 5 4 | 15 55 | 2 24 | 22 12 | 1 7 | 17 39 | 2 29 | 23 17 | 0 1 | 12 33 | 1 6 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 7 0 | 10 5 | 10 4 | 6 43 | 0 0 | 4 46 |
| F 22 | 12 11 | 16 20 | 5 17 | 15 31 | 2 12 | 22 28 | 1 10 | 17 32 | 2 27 | 23 17 | 0 1 | 12 32 | 1 6 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 7 0 | 10 5 | 10 3 | 6 45 | 0n 1 | 4 46 |
| S 23 | 12 31 | 13 46 | 5 14 | 15 5 | 1 59 | 22 43 | 1 13 | 17 25 | 2 25 | 23 17 | 0 1 | 12 30 | 1 6 | 23 19 | 0 4 | 20 32 | 0 35 | 16 23 | 6 59 | 10 5 | 10 2 | 6 47 | 0 2 | 4 46 |
| S 24 | 12 51 | 10 23 | 4 53 | 14 37 | 1 44 | 22 57 | 1 16 | 17 18 | 2 23 | 23 16 | 0 2 | 12 29 | 1 6 | 23 19 | 0 4 | 20 32 | 0 34 | 16 24 | 6 59 | 10 5 | 10 1 | 6 49 | 0 4 | 4 46 |
| M25 | 13 11 | 6 19 | 4 14 | 14 8 | 1 29 | 23 11 | 1 19 | 17 11 | 2 21 | 23 16 | 0 2 | 12 27 | 1 6 | 23 18 | 0 4 | 20 32 | 0 34 | 16 24 | 6 59 | 10 5 | 10 0 | 6 50 | 0 5 | 4 46 |
| T 26 | 13 30 | 1 47 | 3 18 | 13 39 | 1 13 | 23 24 | 1 22 | 17 4 | 2 19 | 23 16 | 0 2 | 12 26 | 1 6 | 23 18 | 0 4 | 20 32 | 0 34 | 16 24 | 6 59 | 10 6 | 9 59 | 6 52 | 0 6 | 4 47 |
| W27 | 13 50 | 2n58 | 2 8 | 13 8 | 0 57 | 23 36 | 1 24 | 16 56 | 2 18 | 23 15 | 0 2 | 12 25 | 1 7 | 23 18 | 0 4 | 20 32 | 0 34 | 16 24 | 6 59 | 10 6 | 9 58 | 6 54 | 0 8 | 4 47 |
| T 28 | 14 9 | 7 37 | 0 48 | 12 39 | 0 40 | 23 48 | 1 27 | 16 48 | 2 16 | 23 15 | 0 2 | 12 23 | 1 7 | 23 18 | 0 4 | 20 32 | 0 34 | 16 24 | 6 59 | 10 6 | 9 56 | 6 56 | 0 9 | 4 47 |
| F 29 | 14 27 | 11 48 | 0s36 | 12 9 | 0 23 | 23 59 | 1 30 | 16 41 | 2 14 | 23 15 | 0 2 | 12 22 | 1 7 | 23 18 | 0 5 | 20 31 | 0 34 | 16 24 | 6 58 | 10 6 | 9 55 | 6 57 | 0 10 | 4 47 |
| S 30 | 14n46 | 15n12 | 1s56 | 11n41 | 0n 6 | 24n10 | 1n32 | 16n33 | 2n12 | 23n14 | 0n 2 | 12s21 | 1s 7 | 23s18 | 0s 5 | 20n31 | 0s34 | 16n25 | 6s58 | 10s 6 | 9s54 | 6s59 | 0n12 | 4n47 |

Julian Day Number = 2599558.5, Delta T = 08m54s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'21, Lahiri = 29°31'22


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## MAY 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 36 38 | 10♉55'52 | 2♊33 | 29°R53 | 16♊59 | 21♌21 | 7♋11 | 0♓29 | 23°R32 | 25♋ 0 | 1♋ 4 | 26°R12 | 25♎37 | 15♎47 | 19♓23 | S 1 |
| M 2 | 14 40 34 | 11°54'20 | 17° 5 | 29♈24 | 18°10 | 21°41 | 7°21 | 0°32 | 23♐30 | 25° 1 | 1° 5 | 26♎10 | 25°34 | 15°54 | 19°25 | M 2 |
| T 3 | 14 44 31 | 12°52'46 | 1♋12 | 29° 0 | 19°21 | 22° 2 | 7°31 | 0°36 | 23°29 | 25° 2 | 1° 6 | 26° 8 | 25°31 | 16° 1 | 19°28 | T 3 |
| W 4 | 14 48 27 | 13°51'11 | 14°53 | 28°40 | 20°32 | 22°22 | 7°42 | 0°40 | 23°27 | 25° 3 | 1° 7 | 26° 6 | 25°28 | 16° 7 | 19°31 | W 4 |
| T 5 | 14 52 24 | 14°49'33 | 28° 7 | 28°24 | 21°42 | 22°43 | 7°52 | 0°43 | 23°25 | 25° 4 | 1° 8 | 26° 4 | 25°24 | 16°14 | 19°34 | T 5 |
| F 6 | 14 56 20 | 15°47'53 | 10♌55 | 28°14 | 22°53 | 23° 5 | 8° 3 | 0°47 | 23°24 | 25° 5 | 1° 9 | 26°D 3 | 25°21 | 16°21 | 19°36 | F 6 |
| S 7 | 15 0 17 | 16°46'11 | 23°23 | 28° 8 | 24° 3 | 23°27 | 8°14 | 0°50 | 23°22 | 25° 6 | 1°11 | 26° 3 | 25°18 | 16°27 | 19°39 | S 7 |
| S 8 | 15 4 13 | 17°44'27 | 5♍34 | 28°D 7 | 25°13 | 23°49 | 8°25 | 0°53 | 23°20 | 25° 7 | 1°12 | 26° 4 | 25°15 | 16°34 | 19°41 | S 8 |
| M 9 | 15 8 10 | 18°42'41 | 17°32 | 28°11 | 26°24 | 24°11 | 8°35 | 0°56 | 23°18 | 25° 8 | 1°13 | 26° 6 | 25°12 | 16°41 | 19°44 | M 9 |
| T 10 | 15 12 7 | 19°40'53 | 29°23 | 28°20 | 27°34 | 24°34 | 8°46 | 1° 0 | 23°16 | 25° 9 | 1°14 | 26° 7 | 25° 9 | 16°47 | 19°46 | T 10 |
| W11 | 15 16 3 | 20°39'03 | 11♎10 | 28°33 | 28°44 | 24°57 | 8°57 | 1° 3 | 23°14 | 25°10 | 1°15 | 26° 9 | 25° 5 | 16°54 | 19°49 | W11 |
| T 12 | 15 20 0 | 21°37'11 | 22°57 | 28°51 | 29°54 | 25°20 | 9° 9 | 1° 5 | 23°12 | 25°11 | 1°16 | 26°R10 | 25° 2 | 17° 1 | 19°51 | T 12 |
| F 13 | 15 23 56 | 22°35'18 | 4♏49 | 29°13 | 1♋ 4 | 25°44 | 9°20 | 1° 8 | 23°10 | 25°12 | 1°17 | 26° 9 | 24°59 | 17° 7 | 19°54 | F 13 |
| S 14 | 15 27 53 | 23°33'22 | 16°46 | 29°40 | 2°13 | 26° 8 | 9°31 | 1°11 | 23° 8 | 25°14 | 1°18 | 26° 8 | 24°56 | 17°14 | 19°56 | S 14 |
| S 15 | 15 31 49 | 24°31'26 | 28°53 | 0♉11 | 3°23 | 26°32 | 9°43 | 1°14 | 23° 6 | 25°15 | 1°19 | 26° 5 | 24°53 | 17°21 | 19°58 | S 15 |
| M16 | 15 35 46 | 25°29'27 | 11♐ 9 | 0°46 | 4°32 | 26°56 | 9°54 | 1°16 | 23° 4 | 25°16 | 1°21 | 26° 1 | 24°49 | 17°27 | 20° 0 | M16 |
| T 17 | 15 39 42 | 26°27'27 | 23°37 | 1°24 | 5°42 | 27°21 | 10° 6 | 1°19 | 23° 2 | 25°18 | 1°22 | 25°56 | 24°46 | 17°34 | 20° 2 | T 17 |
| W18 | 15 43 39 | 27°25'26 | 6♑17 | 2° 7 | 6°51 | 27°46 | 10°17 | 1°21 | 23° 0 | 25°19 | 1°23 | 25°51 | 24°43 | 17°40 | 20° 4 | W18 |
| T 19 | 15 47 36 | 28°23'23 | 19°10 | 2°53 | 8° 0 | 28°11 | 10°29 | 1°24 | 22°58 | 25°20 | 1°24 | 25°46 | 24°40 | 17°47 | 20° 6 | T 19 |
| F 20 | 15 51 32 | 29°21'19 | 2♒18 | 3°43 | 9° 9 | 28°36 | 10°41 | 1°26 | 22°56 | 25°22 | 1°25 | 25°42 | 24°37 | 17°54 | 20° 8 | F 20 |
| S 21 | 15 55 29 | 0♊19'14 | 15°41 | 4°36 | 10°18 | 29° 2 | 10°52 | 1°28 | 22°53 | 25°23 | 1°27 | 25°40 | 24°34 | 18° 0 | 20°10 | S 21 |
| S 22 | 15 59 25 | 1°17'07 | 29°20 | 5°32 | 11°27 | 29°28 | 11° 4 | 1°30 | 22°51 | 25°24 | 1°28 | 25°D39 | 24°30 | 18° 7 | 20°12 | S 22 |
| M23 | 16 3 22 | 2°14'59 | 13♓16 | 6°32 | 12°35 | 29°54 | 11°16 | 1°32 | 22°49 | 25°26 | 1°29 | 25°39 | 24°27 | 18°14 | 20°14 | M23 |
| T 24 | 16 7 18 | 3°12'50 | 27°28 | 7°34 | 13°44 | 0♍20 | 11°28 | 1°34 | 22°47 | 25°27 | 1°30 | 25°40 | 24°24 | 18°20 | 20°16 | T 24 |
| W25 | 16 11 15 | 4°10'40 | 11♈55 | 8°40 | 14°52 | 0°47 | 11°40 | 1°35 | 22°44 | 25°29 | 1°32 | 25°41 | 24°21 | 18°27 | 20°18 | W25 |
| T 26 | 16 15 11 | 5° 8'29 | 26°33 | 9°48 | 16° 0 | 1°14 | 11°52 | 1°37 | 22°42 | 25°30 | 1°33 | 25°R42 | 24°18 | 18°34 | 20°19 | T 26 |
| F 27 | 16 19 8 | 6° 6'17 | 11♉19 | 10°59 | 17° 8 | 1°41 | 12° 4 | 1°39 | 22°40 | 25°32 | 1°34 | 25°41 | 24°15 | 18°40 | 20°21 | F 27 |
| S 28 | 16 23 5 | 7° 4'03 | 26° 6 | 12°13 | 18°16 | 2° 8 | 12°17 | 1°40 | 22°37 | 25°34 | 1°36 | 25°38 | 24°11 | 18°47 | 20°22 | S 28 |
| S 29 | 16 27 1 | 8° 1'49 | 10♊46 | 13°30 | 19°24 | 2°35 | 12°29 | 1°41 | 22°35 | 25°35 | 1°37 | 25°34 | 24° 8 | 18°54 | 20°24 | S 29 |
| M30 | 16 30 58 | 8°59'33 | 25°13 | 14°49 | 20°32 | 3° 3 | 12°41 | 1°43 | 22°33 | 25°37 | 1°38 | 25°27 | 24° 5 | 19° 0 | 20°25 | M30 |
| T 31 | 16 34 54 | 9♊57'15 | 9♋19 | 16♉10 | 21♋39 | 3♍31 | 12♋54 | 1♓44 | 22♐30 | 25♋39 | 1♋40 | 25♎20 | 24♎ 2 | 19♎ 7 | 20♓27 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 4 | 17n33 | 3s 8 | 11n14 | 0s11 | 24n19 | 1n35 | 16n25 | 2n11 | 23n14 | 0n 2 | 12s20 | 1s 7 | 23s18 | 0s 5 | 20n31 | 0s34 | 16n25 | 6s58 | 10s 5 | 9s53 | 7s 1 | 0n13 | 4n47 |
| M 2 | 15 22 | 18 41 | 4 6 | 10 48 | 0 28 | 24 29 | 1 38 | 16 17 | 2 9 | 23 13 | 0 2 | 12 19 | 1 7 | 23 18 | 0 5 | 20 31 | 0 34 | 16 25 | 6 58 | 10 5 | 9 52 | 7 3 | 0 14 | 4 47 |
| T 3 | 15 40 | 18 36 | 4 47 | 10 24 | 0 44 | 24 37 | 1 40 | 16 8 | 2 7 | 23 13 | 0 2 | 12 17 | 1 8 | 23 18 | 0 5 | 20 31 | 0 34 | 16 25 | 6 58 | 10 4 | 9 51 | 7 4 | 0 15 | 4 48 |
| W 4 | 15 58 | 17 25 | 5 10 | 10 3 | 1 0 | 24 45 | 1 43 | 16 0 | 2 5 | 23 12 | 0 3 | 12 16 | 1 8 | 23 18 | 0 5 | 20 31 | 0 34 | 16 25 | 6 58 | 10 3 | 9 49 | 7 6 | 0 16 | 4 48 |
| T 5 | 16 15 | 15 20 | 5 16 | 9 43 | 1 15 | 24 52 | 1 45 | 15 51 | 2 4 | 23 12 | 0 3 | 12 15 | 1 8 | 23 18 | 0 5 | 20 31 | 0 34 | 16 25 | 6 57 | 10 3 | 9 48 | 7 8 | 0 18 | 4 48 |
| F 6 | 16 32 | 12 33 | 5 6 | 9 26 | 1 29 | 24 59 | 1 47 | 15 43 | 2 2 | 23 11 | 0 3 | 12 14 | 1 8 | 23 18 | 0 5 | 20 31 | 0 34 | 16 26 | 6 57 | 10 2 | 9 47 | 7 10 | 0 19 | 4 48 |
| S 7 | 16 49 | 9 16 | 4 41 | 9 11 | 1 43 | 25 5 | 1 50 | 15 34 | 2 0 | 23 11 | 0 3 | 12 13 | 1 8 | 23 18 | 0 5 | 20 30 | 0 34 | 16 26 | 6 57 | 10 2 | 9 46 | 7 11 | 0 20 | 4 48 |
| S 8 | 17 5 | 5 39 | 4 4 | 8 59 | 1 55 | 25 10 | 1 52 | 15 25 | 1 59 | 23 10 | 0 3 | 12 12 | 1 9 | 23 18 | 0 5 | 20 30 | 0 34 | 16 26 | 6 57 | 10 3 | 9 45 | 7 13 | 0 21 | 4 48 |
| M 9 | 17 21 | 1 53 | 3 17 | 8 49 | 2 7 | 25 14 | 1 54 | 15 16 | 1 57 | 23 9 | 0 3 | 12 11 | 1 9 | 23 18 | 0 5 | 20 30 | 0 34 | 16 26 | 6 57 | 10 3 | 9 44 | 7 15 | 0 22 | 4 49 |
| T 10 | 17 37 | 1s56 | 2 22 | 8 42 | 2 18 | 25 18 | 1 56 | 15 7 | 1 56 | 23 9 | 0 3 | 12 10 | 1 9 | 23 17 | 0 5 | 20 30 | 0 34 | 16 26 | 6 57 | 10 4 | 9 42 | 7 17 | 0 23 | 4 49 |
| W11 | 17 52 | 5 40 | 1 22 | 8 38 | 2 28 | 25 21 | 1 58 | 14 58 | 1 54 | 23 8 | 0 3 | 12 9 | 1 9 | 23 17 | 0 5 | 20 30 | 0 34 | 16 26 | 6 56 | 10 4 | 9 41 | 7 18 | 0 25 | 4 49 |
| T 12 | 18 8 | 9 11 | 0 18 | 8 35 | 2 37 | 25 23 | 2 0 | 14 49 | 1 52 | 23 8 | 0 3 | 12 8 | 1 9 | 23 17 | 0 5 | 20 30 | 0 34 | 16 26 | 6 56 | 10 5 | 9 40 | 7 20 | 0 26 | 4 49 |
| F 13 | 18 23 | 12 21 | 0n47 | 8 35 | 2 45 | 25 25 | 2 2 | 14 39 | 1 51 | 23 7 | 0 3 | 12 8 | 1 9 | 23 17 | 0 5 | 20 29 | 0 34 | 16 27 | 6 56 | 10 5 | 9 39 | 7 22 | 0 27 | 4 49 |
| S 14 | 18 37 | 15 2 | 1 51 | 8 38 | 2 53 | 25 26 | 2 4 | 14 30 | 1 49 | 23 6 | 0 4 | 12 7 | 1 10 | 23 17 | 0 5 | 20 29 | 0 34 | 16 27 | 6 56 | 10 4 | 9 38 | 7 23 | 0 28 | 4 50 |
| S 15 | 18 51 | 17 6 | 2 50 | 8 43 | 2 59 | 25 26 | 2 6 | 14 20 | 1 48 | 23 5 | 0 4 | 12 6 | 1 10 | 23 17 | 0 5 | 20 29 | 0 34 | 16 27 | 6 56 | 10 3 | 9 37 | 7 25 | 0 29 | 4 50 |
| M16 | 19 5 | 18 24 | 3 42 | 8 49 | 3 5 | 25 26 | 2 8 | 14 10 | 1 46 | 23 5 | 0 4 | 12 5 | 1 10 | 23 17 | 0 5 | 20 29 | 0 34 | 16 27 | 6 56 | 10 1 | 9 36 | 7 27 | 0 30 | 4 50 |
| T 17 | 19 19 | 18 50 | 4 24 | 8 58 | 3 10 | 25 25 | 2 9 | 14 0 | 1 45 | 23 4 | 0 4 | 12 5 | 1 10 | 23 17 | 0 5 | 20 29 | 0 34 | 16 27 | 6 56 | 10 0 | 9 34 | 7 29 | 0 31 | 4 50 |
| W18 | 19 32 | 18 20 | 4 55 | 9 9 | 3 13 | 25 23 | 2 11 | 13 50 | 1 43 | 23 3 | 0 4 | 12 4 | 1 10 | 23 17 | 0 5 | 20 28 | 0 34 | 16 27 | 6 55 | 9 58 | 9 33 | 7 30 | 0 32 | 4 50 |
| T 19 | 19 45 | 16 54 | 5 10 | 9 22 | 3 17 | 25 21 | 2 12 | 13 40 | 1 42 | 23 2 | 0 4 | 12 3 | 1 11 | 23 17 | 0 5 | 20 28 | 0 34 | 16 27 | 6 55 | 9 56 | 9 32 | 7 32 | 0 33 | 4 51 |
| F 20 | 19 58 | 14 34 | 5 10 | 9 36 | 3 19 | 25 18 | 2 14 | 13 30 | 1 40 | 23 1 | 0 4 | 12 3 | 1 11 | 23 17 | 0 5 | 20 28 | 0 34 | 16 27 | 6 55 | 9 55 | 9 31 | 7 34 | 0 34 | 4 51 |
| S 21 | 20 10 | 11 25 | 4 54 | 9 52 | 3 21 | 25 14 | 2 15 | 13 20 | 1 39 | 23 1 | 0 4 | 12 2 | 1 11 | 23 16 | 0 5 | 20 28 | 0 34 | 16 28 | 6 55 | 9 54 | 9 30 | 7 36 | 0 35 | 4 51 |
| S 22 | 20 22 | 7 37 | 4 20 | 10 10 | 3 21 | 25 9 | 2 16 | 13 9 | 1 38 | 23 0 | 0 4 | 12 1 | 1 11 | 23 16 | 0 5 | 20 27 | 0 34 | 16 28 | 6 55 | 9 53 | 9 29 | 7 37 | 0 36 | 4 51 |
| M23 | 20 34 | 3 19 | 3 31 | 10 29 | 3 21 | 25 4 | 2 17 | 12 59 | 1 36 | 22 59 | 0 4 | 12 1 | 1 11 | 23 16 | 0 5 | 20 27 | 0 34 | 16 28 | 6 55 | 9 54 | 9 27 | 7 39 | 0 37 | 4 51 |
| T 24 | 20 45 | 1n15 | 2 28 | 10 50 | 3 21 | 24 58 | 2 18 | 12 48 | 1 35 | 22 58 | 0 4 | 12 1 | 1 11 | 23 16 | 0 5 | 20 27 | 0 34 | 16 28 | 6 55 | 9 54 | 9 26 | 7 41 | 0 37 | 4 52 |
| W25 | 20 56 | 5 50 | 1 15 | 11 12 | 3 19 | 24 52 | 2 19 | 12 38 | 1 33 | 22 57 | 0 5 | 12 0 | 1 12 | 23 16 | 0 5 | 20 27 | 0 34 | 16 28 | 6 55 | 9 54 | 9 25 | 7 42 | 0 38 | 4 52 |
| T 26 | 21 6 | 10 9 | 0s 5 | 11 36 | 3 17 | 24 45 | 2 20 | 12 27 | 1 32 | 22 56 | 0 5 | 12 0 | 1 12 | 23 16 | 0 5 | 20 26 | 0 34 | 16 28 | 6 54 | 9 55 | 9 24 | 7 44 | 0 39 | 4 52 |
| F 27 | 21 17 | 13 52 | 1 24 | 12 0 | 3 15 | 24 37 | 2 21 | 12 16 | 1 31 | 22 55 | 0 5 | 11 59 | 1 12 | 23 16 | 0 5 | 20 26 | 0 34 | 16 28 | 6 54 | 9 54 | 9 23 | 7 46 | 0 40 | 4 52 |
| S 28 | 21 26 | 16 41 | 2 38 | 12 25 | 3 12 | 24 29 | 2 22 | 12 5 | 1 29 | 22 54 | 0 5 | 11 59 | 1 12 | 23 16 | 0 5 | 20 26 | 0 34 | 16 28 | 6 54 | 9 53 | 9 22 | 7 47 | 0 41 | 4 52 |
| S 29 | 21 36 | 18 23 | 3 40 | 12 52 | 3 8 | 24 20 | 2 22 | 11 54 | 1 28 | 22 53 | 0 5 | 11 59 | 1 12 | 23 15 | 0 5 | 20 26 | 0 34 | 16 28 | 6 54 | 9 52 | 9 20 | 7 49 | 0 42 | 4 53 |
| M30 | 21 45 | 18 51 | 4 27 | 13 19 | 3 3 | 24 10 | 2 23 | 11 43 | 1 27 | 22 52 | 0 5 | 11 58 | 1 13 | 23 15 | 0 5 | 20 25 | 0 34 | 16 28 | 6 54 | 9 49 | 9 19 | 7 51 | 0 42 | 4 53 |
| T 31 | 21n53 | 18n 7 | 4s57 | 13n48 | 2s58 | 24n 0 | 2n23 | 11n31 | 1n25 | 22n51 | 0n 5 | 11s58 | 1s13 | 23s15 | 0s 5 | 20n25 | 0s33 | 16n29 | 6s54 | 9s47 | 9s18 | 7s53 | 0n43 | 4n53 |

Julian Day Number = 2599588.5, Delta T = 08m54s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'25, Lahiri = 29°31'26


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## JUNE 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 38 51 | 10♊54'56 | 23♋ 2 | 17♉35 | 22♋47 | 3♍59 | 13♋ 6 | 1♓45 | 22°R28 | 25♋40 | 1♋41 | 25°R13 | 23♎59 | 19♎14 | 20♓28 | W 1 |
| T 2 | 16 42 47 | 11°52'36 | 6♌19 | 19° 1 | 23°54 | 4°27 | 13°19 | 1°46 | 22♐25 | 25°42 | 1°42 | 25♎ 7 | 23°55 | 19°20 | 20°29 | T 2 |
| F 3 | 16 46 44 | 12°50'15 | 19°11 | 20°31 | 25° 1 | 4°56 | 13°31 | 1°47 | 22°23 | 25°44 | 1°44 | 25° 3 | 23°52 | 19°27 | 20°31 | F 3 |
| S 4 | 16 50 41 | 13°47'51 | 1♍41 | 22° 2 | 26° 8 | 5°24 | 13°44 | 1°47 | 22°21 | 25°45 | 1°45 | 25° 0 | 23°49 | 19°33 | 20°32 | S 4 |
| S 5 | 16 54 37 | 14°45'27 | 13°53 | 23°37 | 27°15 | 5°53 | 13°57 | 1°48 | 22°18 | 25°47 | 1°46 | 24°D59 | 23°46 | 19°40 | 20°33 | S 5 |
| M 6 | 16 58 34 | 15°43'01 | 25°51 | 25°13 | 28°21 | 6°22 | 14° 9 | 1°49 | 22°16 | 25°49 | 1°48 | 25° 0 | 23°43 | 19°47 | 20°34 | M 6 |
| T 7 | 17 2 30 | 16°40'34 | 7♎42 | 26°52 | 29°28 | 6°51 | 14°22 | 1°49 | 22°13 | 25°51 | 1°49 | 25° 1 | 23°40 | 19°53 | 20°35 | T 7 |
| W 8 | 17 6 27 | 17°38'05 | 19°29 | 28°34 | 0♌34 | 7°20 | 14°35 | 1°49 | 22°11 | 25°53 | 1°51 | 25°R 2 | 23°36 | 20° 0 | 20°36 | W 8 |
| T 9 | 17 10 23 | 18°35'35 | 1♏19 | 0♊18 | 1°40 | 7°50 | 14°48 | 1°50 | 22° 8 | 25°54 | 1°52 | 25° 2 | 23°33 | 20° 7 | 20°37 | T 9 |
| F 10 | 17 14 20 | 19°33'04 | 13°15 | 2° 4 | 2°46 | 8°19 | 15° 1 | 1°50 | 22° 6 | 25°56 | 1°53 | 25° 0 | 23°30 | 20°13 | 20°37 | F 10 |
| S 11 | 17 18 16 | 20°30'32 | 25°20 | 3°53 | 3°51 | 8°49 | 15°13 | 1°R50 | 22° 3 | 25°58 | 1°55 | 24°56 | 23°27 | 20°20 | 20°38 | S 11 |
| S 12 | 17 22 13 | 21°27'59 | 7♐38 | 5°44 | 4°57 | 9°19 | 15°26 | 1°50 | 22° 1 | 26° 0 | 1°56 | 24°50 | 23°24 | 20°27 | 20°39 | S 12 |
| M13 | 17 26 9 | 22°25'25 | 20°10 | 7°37 | 6° 2 | 9°49 | 15°39 | 1°50 | 21°58 | 26° 2 | 1°58 | 24°41 | 23°21 | 20°33 | 20°40 | M13 |
| T 14 | 17 30 6 | 23°22'50 | 2♑56 | 9°33 | 7° 7 | 10°20 | 15°52 | 1°50 | 21°56 | 26° 4 | 1°59 | 24°32 | 23°17 | 20°40 | 20°40 | T 14 |
| W15 | 17 34 3 | 24°20'14 | 15°57 | 11°31 | 8°12 | 10°50 | 16° 5 | 1°49 | 21°53 | 26° 6 | 2° 0 | 24°21 | 23°14 | 20°47 | 20°41 | W15 |
| T 16 | 17 37 59 | 25°17'37 | 29°11 | 13°31 | 9°16 | 11°21 | 16°18 | 1°49 | 21°51 | 26° 8 | 2° 2 | 24°12 | 23°11 | 20°53 | 20°41 | T 16 |
| F 17 | 17 41 56 | 26°15'00 | 12♒37 | 15°33 | 10°20 | 11°51 | 16°32 | 1°48 | 21°49 | 26°10 | 2° 3 | 24° 4 | 23° 8 | 21° 0 | 20°42 | F 17 |
| S 18 | 17 45 52 | 27°12'22 | 26°14 | 17°37 | 11°24 | 12°22 | 16°45 | 1°48 | 21°46 | 26°12 | 2° 5 | 23°58 | 23° 5 | 21° 6 | 20°42 | S 18 |
| S 19 | 17 49 49 | 28° 9'44 | 10♓ 1 | 19°43 | 12°28 | 12°53 | 16°58 | 1°47 | 21°44 | 26°14 | 2° 6 | 23°54 | 23° 1 | 21°13 | 20°42 | S 19 |
| M20 | 17 53 45 | 29° 7'05 | 23°57 | 21°50 | 13°32 | 13°24 | 17°11 | 1°46 | 21°41 | 26°16 | 2° 7 | 23°D53 | 22°58 | 21°20 | 20°43 | M20 |
| T 21 | 17 57 42 | 0♋ 4'26 | 8♈ 1 | 23°59 | 14°35 | 13°56 | 17°24 | 1°45 | 21°39 | 26°18 | 2° 9 | 23°53 | 22°55 | 21°26 | 20°43 | T 21 |
| W22 | 18 1 39 | 1° 1'46 | 22°14 | 26° 9 | 15°38 | 14°27 | 17°38 | 1°44 | 21°36 | 26°20 | 2°10 | 23°R53 | 22°52 | 21°33 | 20°43 | W22 |
| T 23 | 18 5 35 | 1°59'07 | 6♉32 | 28°20 | 16°41 | 14°59 | 17°51 | 1°43 | 21°34 | 26°22 | 2°12 | 23°53 | 22°49 | 21°40 | 20°43 | T 23 |
| F 24 | 18 9 32 | 2°56'26 | 20°55 | 0♋31 | 17°44 | 15°31 | 18° 4 | 1°42 | 21°31 | 26°24 | 2°13 | 23°50 | 22°46 | 21°46 | 20°R43 | F 24 |
| S 25 | 18 13 28 | 3°53'46 | 5♊17 | 2°43 | 18°46 | 16° 2 | 18°18 | 1°41 | 21°29 | 26°26 | 2°15 | 23°45 | 22°42 | 21°53 | 20°43 | S 25 |
| S 26 | 18 17 25 | 4°51'05 | 19°35 | 4°55 | 19°48 | 16°34 | 18°31 | 1°39 | 21°27 | 26°28 | 2°16 | 23°38 | 22°39 | 22° 0 | 20°43 | S 26 |
| M27 | 18 21 21 | 5°48'24 | 3♋43 | 7° 7 | 20°50 | 17° 6 | 18°44 | 1°38 | 21°24 | 26°30 | 2°17 | 23°28 | 22°36 | 22° 6 | 20°43 | M27 |
| T 28 | 18 25 18 | 6°45'43 | 17°36 | 9°18 | 21°51 | 17°39 | 18°58 | 1°36 | 21°22 | 26°32 | 2°19 | 23°17 | 22°33 | 22°13 | 20°42 | T 28 |
| W29 | 18 29 14 | 7°43'00 | 1♌10 | 11°28 | 22°52 | 18°11 | 19°11 | 1°35 | 21°20 | 26°34 | 2°20 | 23° 5 | 22°30 | 22°20 | 20°42 | W29 |
| T 30 | 18 33 11 | 8♋40'18 | 14♌21 | 13♋38 | 23♌53 | 18♍44 | 19♋24 | 1♓33 | 21♐17 | 26♋37 | 2♋22 | 22♎55 | 22♎27 | 22♎26 | 20♓42 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 2 | 16n21 | 5s 9 | 14n17 | 2s52 | 23n49 | 2n23 | 11n20 | 1n24 | 22n50 | 0n 5 | 11s58 | 1s13 | 23s15 | 0s 5 | 20n25 | 0s33 | 16n29 | 6s54 | 9s44 | 9s17 | 7s54 | 0n44 | 4n53 |
| T 2 | 22 10 | 13 45 | 5 3 | 14 46 | 2 46 | 23 38 | 2 23 | 11 8 | 1 23 | 22 48 | 0 5 | 11 58 | 1 13 | 23 15 | 0 5 | 20 24 | 0 33 | 16 29 | 6 54 | 9 42 | 9 16 | 7 56 | 0 44 | 4 54 |
| F 3 | 22 17 | 10 34 | 4 42 | 15 16 | 2 40 | 23 26 | 2 24 | 10 57 | 1 22 | 22 47 | 0 5 | 11 58 | 1 13 | 23 15 | 0 5 | 20 24 | 0 33 | 16 29 | 6 54 | 9 40 | 9 15 | 7 58 | 0 45 | 4 54 |
| S 4 | 22 24 | 6 59 | 4 8 | 15 47 | 2 32 | 23 13 | 2 23 | 10 45 | 1 20 | 22 46 | 0 5 | 11 58 | 1 14 | 23 15 | 0 5 | 20 24 | 0 33 | 16 29 | 6 54 | 9 39 | 9 13 | 7 59 | 0 46 | 4 54 |
| S 5 | 22 31 | 3 11 | 3 24 | 16 18 | 2 25 | 23 0 | 2 23 | 10 33 | 1 19 | 22 45 | 0 6 | 11 58 | 1 14 | 23 15 | 0 5 | 20 24 | 0 33 | 16 29 | 6 53 | 9 39 | 9 12 | 8 1 | 0 46 | 4 54 |
| M 6 | 22 37 | 0s40 | 2 31 | 16 49 | 2 16 | 22 47 | 2 23 | 10 22 | 1 18 | 22 44 | 0 6 | 11 58 | 1 14 | 23 14 | 0 5 | 20 23 | 0 33 | 16 29 | 6 53 | 9 39 | 9 11 | 8 3 | 0 47 | 4 54 |
| T 7 | 22 43 | 4 28 | 1 32 | 17 20 | 2 8 | 22 32 | 2 23 | 10 10 | 1 17 | 22 42 | 0 6 | 11 58 | 1 14 | 23 14 | 0 5 | 20 23 | 0 33 | 16 29 | 6 53 | 9 40 | 9 10 | 8 4 | 0 48 | 4 55 |
| W 8 | 22 49 | 8 4 | 0 30 | 17 52 | 1 59 | 22 18 | 2 22 | 9 58 | 1 15 | 22 41 | 0 6 | 11 58 | 1 14 | 23 14 | 0 5 | 20 23 | 0 33 | 16 29 | 6 53 | 9 40 | 9 9 | 8 6 | 0 48 | 4 55 |
| T 9 | 22 54 | 11 23 | 0n34 | 18 23 | 1 49 | 22 3 | 2 21 | 9 46 | 1 14 | 22 40 | 0 6 | 11 58 | 1 15 | 23 14 | 0 5 | 20 22 | 0 33 | 16 29 | 6 53 | 9 40 | 9 8 | 8 8 | 0 49 | 4 55 |
| F 10 | 22 58 | 14 15 | 1 36 | 18 54 | 1 40 | 21 47 | 2 21 | 9 33 | 1 13 | 22 38 | 0 6 | 11 58 | 1 15 | 23 14 | 0 5 | 20 22 | 0 33 | 16 29 | 6 53 | 9 39 | 9 6 | 8 10 | 0 49 | 4 55 |
| S 11 | 23 3 | 16 32 | 2 35 | 19 24 | 1 30 | 21 31 | 2 20 | 9 21 | 1 12 | 22 37 | 0 6 | 11 58 | 1 15 | 23 14 | 0 5 | 20 22 | 0 33 | 16 29 | 6 53 | 9 38 | 9 5 | 8 11 | 0 50 | 4 56 |
| S 12 | 23 7 | 18 7 | 3 28 | 19 55 | 1 19 | 21 14 | 2 19 | 9 9 | 1 11 | 22 36 | 0 6 | 11 58 | 1 15 | 23 14 | 0 5 | 20 21 | 0 33 | 16 29 | 6 53 | 9 36 | 9 4 | 8 13 | 0 50 | 4 56 |
| M13 | 23 10 | 18 50 | 4 12 | 20 24 | 1 9 | 20 57 | 2 18 | 8 56 | 1 9 | 22 34 | 0 6 | 11 58 | 1 15 | 23 14 | 0 5 | 20 21 | 0 33 | 16 29 | 6 53 | 9 33 | 9 3 | 8 15 | 0 51 | 4 56 |
| T 14 | 23 13 | 18 38 | 4 43 | 20 53 | 0 58 | 20 39 | 2 16 | 8 44 | 1 8 | 22 33 | 0 6 | 11 59 | 1 16 | 23 13 | 0 5 | 20 21 | 0 33 | 16 29 | 6 53 | 9 29 | 9 2 | 8 16 | 0 51 | 4 56 |
| W15 | 23 16 | 17 27 | 5 1 | 21 20 | 0 47 | 20 21 | 2 15 | 8 31 | 1 7 | 22 31 | 0 6 | 11 59 | 1 16 | 23 13 | 0 5 | 20 20 | 0 33 | 16 30 | 6 53 | 9 25 | 9 1 | 8 18 | 0 52 | 4 57 |
| T 16 | 23 18 | 15 20 | 5 3 | 21 46 | 0 36 | 20 2 | 2 14 | 8 19 | 1 6 | 22 30 | 0 6 | 11 59 | 1 16 | 23 13 | 0 5 | 20 20 | 0 33 | 16 30 | 6 53 | 9 22 | 8 59 | 8 20 | 0 52 | 4 57 |
| F 17 | 23 20 | 12 21 | 4 49 | 22 11 | 0 25 | 19 44 | 2 12 | 8 6 | 1 5 | 22 28 | 0 7 | 12 0 | 1 16 | 23 13 | 0 5 | 20 20 | 0 33 | 16 30 | 6 53 | 9 19 | 8 58 | 8 21 | 0 52 | 4 57 |
| S 18 | 23 21 | 8 42 | 4 18 | 22 35 | 0 14 | 19 24 | 2 10 | 7 53 | 1 4 | 22 27 | 0 7 | 12 0 | 1 16 | 23 13 | 0 5 | 20 19 | 0 33 | 16 30 | 6 52 | 9 17 | 8 57 | 8 23 | 0 53 | 4 57 |
| S 19 | 23 22 | 4 31 | 3 32 | 22 56 | 0 3 | 19 4 | 2 8 | 7 40 | 1 3 | 22 25 | 0 7 | 12 0 | 1 17 | 23 13 | 0 5 | 20 19 | 0 33 | 16 30 | 6 52 | 9 15 | 8 56 | 8 25 | 0 53 | 4 57 |
| M20 | 23 23 | 0 4 | 2 33 | 23 16 | 0n 8 | 18 44 | 2 6 | 7 27 | 1 1 | 22 24 | 0 7 | 12 1 | 1 17 | 23 13 | 0 5 | 20 19 | 0 33 | 16 30 | 6 52 | 9 15 | 8 55 | 8 26 | 0 53 | 4 58 |
| T 21 | 23 23 | 4n27 | 1 24 | 23 33 | 0 18 | 18 24 | 2 4 | 7 14 | 1 0 | 22 22 | 0 7 | 12 1 | 1 17 | 23 12 | 0 5 | 20 18 | 0 33 | 16 30 | 6 52 | 9 15 | 8 53 | 8 28 | 0 54 | 4 58 |
| W22 | 23 23 | 8 46 | 0 9 | 23 48 | 0 29 | 18 3 | 2 2 | 7 1 | 0 59 | 22 21 | 0 7 | 12 2 | 1 17 | 23 12 | 0 5 | 20 18 | 0 33 | 16 30 | 6 52 | 9 15 | 8 52 | 8 30 | 0 54 | 4 58 |
| T 23 | 23 22 | 12 37 | 1s 7 | 24 1 | 0 39 | 17 42 | 1 59 | 6 48 | 0 58 | 22 19 | 0 7 | 12 3 | 1 17 | 23 12 | 0 5 | 20 17 | 0 33 | 16 30 | 6 52 | 9 15 | 8 51 | 8 31 | 0 54 | 4 58 |
| F 24 | 23 21 | 15 43 | 2 19 | 24 11 | 0 48 | 17 20 | 1 57 | 6 35 | 0 57 | 22 17 | 0 7 | 12 3 | 1 18 | 23 12 | 0 5 | 20 17 | 0 33 | 16 30 | 6 52 | 9 14 | 8 50 | 8 33 | 0 54 | 4 59 |
| S 25 | 23 20 | 17 50 | 3 21 | 24 19 | 0 57 | 16 58 | 1 54 | 6 21 | 0 56 | 22 15 | 0 7 | 12 4 | 1 18 | 23 12 | 0 5 | 20 17 | 0 33 | 16 30 | 6 52 | 9 12 | 8 49 | 8 35 | 0 55 | 4 59 |
| S 26 | 23 18 | 18 48 | 4 11 | 24 23 | 1 6 | 16 36 | 1 51 | 6 8 | 0 55 | 22 14 | 0 7 | 12 4 | 1 18 | 23 12 | 0 5 | 20 16 | 0 33 | 16 30 | 6 52 | 9 9 | 8 48 | 8 36 | 0 55 | 4 59 |
| M27 | 23 15 | 18 35 | 4 45 | 24 25 | 1 14 | 16 14 | 1 48 | 5 55 | 0 54 | 22 12 | 0 7 | 12 5 | 1 18 | 23 12 | 0 5 | 20 16 | 0 33 | 16 30 | 6 52 | 9 6 | 8 46 | 8 38 | 0 55 | 4 59 |
| T 28 | 23 13 | 17 16 | 5 1 | 24 24 | 1 21 | 15 51 | 1 45 | 5 41 | 0 53 | 22 10 | 0 8 | 12 6 | 1 18 | 23 11 | 0 5 | 20 16 | 0 33 | 16 30 | 6 52 | 9 1 | 8 45 | 8 39 | 0 55 | 5 0 |
| W29 | 23 10 | 14 59 | 4 59 | 24 20 | 1 27 | 15 28 | 1 41 | 5 27 | 0 52 | 22 8 | 0 8 | 12 7 | 1 18 | 23 11 | 0 5 | 20 15 | 0 33 | 16 30 | 6 52 | 8 57 | 8 44 | 8 41 | 0 55 | 5 0 |
| T 30 | 23n 6 | 12n 0 | 4s41 | 24n14 | 1n33 | 15n 4 | 1n38 | 5n14 | 0n51 | 22n 7 | 0n 8 | 12s 7 | 1s19 | 23s11 | 0s 5 | 20n15 | 0s33 | 16n30 | 6s52 | 8s53 | 8s43 | 8s43 | 0n55 | 5n 0 |

Julian Day Number = 2599619.5, Delta T = 08m54s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'29, Lahiri = 29°31'31


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## JULY 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 37 8 | 9♋37'34 | 27♌11 | 15♋46 | 24♌53 | 19♍16 | 19♋38 | 1°R31 | 21°R15 | 26♋39 | 2♋23 | 22°R47 | 22♎23 | 22♎33 | 20°R41 | F 1 |
| S 2 | 18 41 4 | 10°34'51 | 9♍40 | 17°53 | 25°53 | 19°49 | 19°51 | 1♓29 | 21♐13 | 26°41 | 2°25 | 22♎41 | 22°20 | 22°40 | 20♓41 | S 2 |
| S 3 | 18 45 1 | 11°32'06 | 21°52 | 19°59 | 26°53 | 20°22 | 20° 5 | 1°27 | 21°10 | 26°43 | 2°26 | 22°37 | 22°17 | 22°46 | 20°40 | S 3 |
| M 4 | 18 48 57 | 12°29'21 | 3♎51 | 22° 3 | 27°52 | 20°55 | 20°18 | 1°25 | 21° 8 | 26°45 | 2°27 | 22°36 | 22°14 | 22°53 | 20°40 | M 4 |
| T 5 | 18 52 54 | 13°26'36 | 15°42 | 24° 5 | 28°51 | 21°28 | 20°32 | 1°23 | 21° 6 | 26°47 | 2°29 | 22°36 | 22°11 | 22°59 | 20°39 | T 5 |
| W 6 | 18 56 50 | 14°23'50 | 27°30 | 26° 5 | 29°50 | 22° 1 | 20°45 | 1°21 | 21° 4 | 26°50 | 2°30 | 22°36 | 22° 7 | 23° 6 | 20°39 | W 6 |
| T 7 | 19 0 47 | 15°21'03 | 9♏21 | 28° 4 | 0♍48 | 22°35 | 20°59 | 1°18 | 21° 1 | 26°52 | 2°32 | 22°35 | 22° 4 | 23°13 | 20°38 | T 7 |
| F 8 | 19 4 43 | 16°18'16 | 21°21 | 0♌ 0 | 1°46 | 23° 8 | 21°12 | 1°16 | 20°59 | 26°54 | 2°33 | 22°32 | 22° 1 | 23°19 | 20°37 | F 8 |
| S 9 | 19 8 40 | 17°15'29 | 3♐32 | 1°55 | 2°43 | 23°42 | 21°26 | 1°13 | 20°57 | 26°56 | 2°34 | 22°27 | 21°58 | 23°26 | 20°36 | S 9 |
| S 10 | 19 12 37 | 18°12'42 | 16° 0 | 3°47 | 3°40 | 24°15 | 21°39 | 1°11 | 20°55 | 26°58 | 2°36 | 22°19 | 21°55 | 23°33 | 20°35 | S 10 |
| M11 | 19 16 33 | 19° 9'55 | 28°46 | 5°38 | 4°36 | 24°49 | 21°53 | 1° 8 | 20°53 | 27° 1 | 2°37 | 22° 9 | 21°52 | 23°39 | 20°34 | M11 |
| T 12 | 19 20 30 | 20° 7'07 | 11♑50 | 7°26 | 5°32 | 25°23 | 22° 6 | 1° 5 | 20°51 | 27° 3 | 2°39 | 21°58 | 21°48 | 23°46 | 20°33 | T 12 |
| W13 | 19 24 26 | 21° 4'19 | 25°13 | 9°12 | 6°27 | 25°57 | 22°20 | 1° 3 | 20°49 | 27° 5 | 2°40 | 21°45 | 21°45 | 23°53 | 20°32 | W13 |
| T 14 | 19 28 23 | 22° 1'32 | 8♒51 | 10°57 | 7°22 | 26°31 | 22°33 | 1° 0 | 20°47 | 27° 7 | 2°41 | 21°34 | 21°42 | 23°59 | 20°31 | T 14 |
| F 15 | 19 32 19 | 22°58'44 | 22°41 | 12°39 | 8°16 | 27° 5 | 22°47 | 0°57 | 20°45 | 27° 9 | 2°43 | 21°24 | 21°39 | 24° 6 | 20°30 | F 15 |
| S 16 | 19 36 16 | 23°55'57 | 6♓40 | 14°19 | 9°10 | 27°40 | 23° 0 | 0°54 | 20°43 | 27°12 | 2°44 | 21°16 | 21°36 | 24°13 | 20°29 | S 16 |
| S 17 | 19 40 12 | 24°53'10 | 20°45 | 15°57 | 10° 3 | 28°14 | 23°14 | 0°50 | 20°41 | 27°14 | 2°45 | 21°12 | 21°33 | 24°19 | 20°27 | S 17 |
| M18 | 19 44 9 | 25°50'23 | 4♈52 | 17°34 | 10°56 | 28°49 | 23°27 | 0°47 | 20°39 | 27°16 | 2°47 | 21° 9 | 21°29 | 24°26 | 20°26 | M18 |
| T 19 | 19 48 6 | 26°47'37 | 19° 0 | 19° 8 | 11°48 | 29°23 | 23°41 | 0°44 | 20°37 | 27°18 | 2°48 | 21° 9 | 21°26 | 24°32 | 20°25 | T 19 |
| W20 | 19 52 2 | 27°44'52 | 3♉ 8 | 20°40 | 12°39 | 29°58 | 23°55 | 0°41 | 20°35 | 27°21 | 2°49 | 21° 9 | 21°23 | 24°39 | 20°23 | W20 |
| T 21 | 19 55 59 | 28°42'07 | 17°14 | 22°10 | 13°30 | 0♎33 | 24° 8 | 0°37 | 20°34 | 27°23 | 2°51 | 21° 8 | 21°20 | 24°46 | 20°22 | T 21 |
| F 22 | 19 59 55 | 29°39'22 | 1♊18 | 23°38 | 14°20 | 1° 8 | 24°22 | 0°34 | 20°32 | 27°25 | 2°52 | 21° 5 | 21°17 | 24°52 | 20°20 | F 22 |
| S 23 | 20 3 52 | 0♌36'39 | 15°17 | 25° 3 | 15° 9 | 1°43 | 24°35 | 0°30 | 20°30 | 27°27 | 2°53 | 21° 0 | 21°13 | 24°59 | 20°19 | S 23 |
| S 24 | 20 7 48 | 1°33'56 | 29°10 | 26°27 | 15°58 | 2°18 | 24°48 | 0°27 | 20°29 | 27°30 | 2°54 | 20°52 | 21°10 | 25° 6 | 20°17 | S 24 |
| M25 | 20 11 45 | 2°31'13 | 12♋53 | 27°48 | 16°46 | 2°53 | 25° 2 | 0°23 | 20°27 | 27°32 | 2°56 | 20°41 | 21° 7 | 25°12 | 20°15 | M25 |
| T 26 | 20 15 41 | 3°28'31 | 26°24 | 29° 8 | 17°33 | 3°28 | 25°15 | 0°19 | 20°25 | 27°34 | 2°57 | 20°30 | 21° 4 | 25°19 | 20°14 | T 26 |
| W27 | 20 19 38 | 4°25'49 | 9♌39 | 0♍24 | 18°19 | 4° 4 | 25°29 | 0°16 | 20°24 | 27°36 | 2°58 | 20°18 | 21° 1 | 25°26 | 20°12 | W27 |
| T 28 | 20 23 35 | 5°23'08 | 22°37 | 1°39 | 19° 5 | 4°39 | 25°42 | 0°12 | 20°22 | 27°38 | 2°59 | 20° 7 | 20°58 | 25°32 | 20°10 | T 28 |
| F 29 | 20 27 31 | 6°20'27 | 5♍17 | 2°51 | 19°49 | 5°15 | 25°56 | 0° 8 | 20°21 | 27°41 | 3° 1 | 19°58 | 20°54 | 25°39 | 20° 8 | F 29 |
| S 30 | 20 31 28 | 7°17'47 | 17°40 | 4° 1 | 20°33 | 5°51 | 26° 9 | 0° 4 | 20°19 | 27°43 | 3° 2 | 19°51 | 20°51 | 25°46 | 20° 6 | S 30 |
| S 31 | 20 35 24 | 8♌15'07 | 29♍49 | 5♍ 9 | 21♍16 | 6♎27 | 26♋22 | 29♒59 | 20♐18 | 27♋45 | 3♋ 3 | 19♎47 | 20♎48 | 25♎52 | 20♓ 4 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 2 | 8n30 | 4s10 | 24n 5 | 1n38 | 14n41 | 1n34 | 5n 0 | 0n50 | 22n 5 | 0n 8 | 12s 8 | 1s19 | 23s11 | 0s 5 | 20n14 | 0s33 | 16n30 | 6s52 | 8s50 | 8s42 | 8s44 | 0n55 | 5n 0 |
| S 2 | 22 58 | 4 44 | 3 27 | 23 53 | 1 43 | 14 17 | 1 31 | 4 46 | 0 49 | 22 3 | 0 8 | 12 9 | 1 19 | 23 11 | 0 5 | 20 14 | 0 33 | 16 30 | 6 52 | 8 48 | 8 41 | 8 46 | 0 55 | 5 0 |
| S 3 | 22 53 | 0 50 | 2 35 | 23 39 | 1 46 | 13 53 | 1 27 | 4 32 | 0 48 | 22 1 | 0 8 | 12 10 | 1 19 | 23 11 | 0 5 | 20 14 | 0 33 | 16 30 | 6 52 | 8 47 | 8 39 | 8 48 | 0 55 | 5 1 |
| M 4 | 22 48 | 3s 1 | 1 38 | 23 23 | 1 49 | 13 29 | 1 23 | 4 19 | 0 47 | 21 59 | 0 8 | 12 11 | 1 19 | 23 11 | 0 5 | 20 13 | 0 33 | 16 30 | 6 52 | 8 46 | 8 38 | 8 49 | 0 55 | 5 1 |
| T 5 | 22 42 | 6 44 | 0 37 | 23 4 | 1 51 | 13 4 | 1 18 | 4 5 | 0 46 | 21 57 | 0 8 | 12 12 | 1 20 | 23 10 | 0 5 | 20 13 | 0 33 | 16 30 | 6 52 | 8 46 | 8 37 | 8 51 | 0 55 | 5 1 |
| W 6 | 22 37 | 10 9 | 0n26 | 22 43 | 1 52 | 12 40 | 1 14 | 3 51 | 0 45 | 21 55 | 0 8 | 12 13 | 1 20 | 23 10 | 0 5 | 20 12 | 0 33 | 16 30 | 6 52 | 8 46 | 8 36 | 8 53 | 0 55 | 5 1 |
| T 7 | 22 30 | 13 11 | 1 28 | 22 21 | 1 53 | 12 15 | 1 9 | 3 37 | 0 44 | 21 53 | 0 8 | 12 14 | 1 20 | 23 10 | 0 5 | 20 12 | 0 33 | 16 30 | 6 52 | 8 46 | 8 35 | 8 54 | 0 55 | 5 1 |
| F 8 | 22 23 | 15 42 | 2 26 | 21 57 | 1 53 | 11 50 | 1 5 | 3 23 | 0 43 | 21 51 | 0 8 | 12 15 | 1 20 | 23 10 | 0 5 | 20 12 | 0 33 | 16 30 | 6 52 | 8 45 | 8 33 | 8 56 | 0 55 | 5 2 |
| S 9 | 22 16 | 17 33 | 3 19 | 21 31 | 1 52 | 11 25 | 1 0 | 3 8 | 0 42 | 21 49 | 0 9 | 12 16 | 1 20 | 23 10 | 0 5 | 20 11 | 0 33 | 16 30 | 6 52 | 8 43 | 8 32 | 8 58 | 0 55 | 5 2 |
| S 10 | 22 9 | 18 37 | 4 3 | 21 3 | 1 51 | 11 0 | 0 55 | 2 54 | 0 41 | 21 47 | 0 9 | 12 17 | 1 20 | 23 10 | 0 5 | 20 11 | 0 33 | 16 30 | 6 52 | 8 40 | 8 31 | 8 59 | 0 55 | 5 2 |
| M11 | 22 1 | 18 46 | 4 36 | 20 35 | 1 49 | 10 34 | 0 50 | 2 40 | 0 40 | 21 45 | 0 9 | 12 18 | 1 21 | 23 10 | 0 5 | 20 10 | 0 33 | 16 30 | 6 52 | 8 37 | 8 30 | 9 1 | 0 55 | 5 2 |
| T 12 | 21 53 | 17 57 | 4 56 | 20 5 | 1 46 | 10 9 | 0 44 | 2 26 | 0 39 | 21 43 | 0 9 | 12 19 | 1 21 | 23 9 | 0 5 | 20 10 | 0 33 | 16 30 | 6 52 | 8 32 | 8 29 | 9 2 | 0 54 | 5 3 |
| W13 | 21 44 | 16 7 | 5 0 | 19 34 | 1 43 | 9 43 | 0 39 | 2 11 | 0 38 | 21 41 | 0 9 | 12 20 | 1 21 | 23 9 | 0 5 | 20 10 | 0 33 | 16 30 | 6 52 | 8 28 | 8 28 | 9 4 | 0 54 | 5 3 |
| T 14 | 21 35 | 13 23 | 4 47 | 19 2 | 1 39 | 9 18 | 0 33 | 1 57 | 0 37 | 21 39 | 0 9 | 12 22 | 1 21 | 23 9 | 0 5 | 20 9 | 0 33 | 16 30 | 6 52 | 8 23 | 8 26 | 9 6 | 0 54 | 5 3 |
| F 15 | 21 26 | 9 52 | 4 18 | 18 29 | 1 34 | 8 52 | 0 27 | 1 43 | 0 36 | 21 37 | 0 9 | 12 23 | 1 21 | 23 9 | 0 5 | 20 9 | 0 33 | 16 30 | 6 52 | 8 20 | 8 25 | 9 7 | 0 54 | 5 3 |
| S 16 | 21 16 | 5 45 | 3 32 | 17 55 | 1 29 | 8 26 | 0 21 | 1 28 | 0 35 | 21 35 | 0 9 | 12 24 | 1 21 | 23 9 | 0 5 | 20 8 | 0 33 | 16 30 | 6 52 | 8 17 | 8 24 | 9 9 | 0 53 | 5 3 |
| S 17 | 21 6 | 1 18 | 2 33 | 17 21 | 1 23 | 8 1 | 0 15 | 1 14 | 0 34 | 21 33 | 0 9 | 12 25 | 1 22 | 23 9 | 0 5 | 20 8 | 0 33 | 16 30 | 6 52 | 8 15 | 8 23 | 9 10 | 0 53 | 5 4 |
| M18 | 20 56 | 3n14 | 1 25 | 16 46 | 1 17 | 7 35 | 0 9 | 0 59 | 0 33 | 21 30 | 0 9 | 12 27 | 1 22 | 23 9 | 0 5 | 20 7 | 0 33 | 16 30 | 6 52 | 8 14 | 8 22 | 9 12 | 0 53 | 5 4 |
| T 19 | 20 45 | 7 36 | 0 11 | 16 10 | 1 11 | 7 9 | 0 2 | 0 44 | 0 33 | 21 28 | 0 9 | 12 28 | 1 22 | 23 9 | 0 5 | 20 7 | 0 33 | 16 30 | 6 52 | 8 14 | 8 20 | 9 14 | 0 52 | 5 4 |
| W20 | 20 34 | 11 32 | 1s 3 | 15 35 | 1 4 | 6 43 | 0s 5 | 0 30 | 0 32 | 21 26 | 0 10 | 12 29 | 1 22 | 23 8 | 0 5 | 20 7 | 0 33 | 16 30 | 6 52 | 8 14 | 8 19 | 9 15 | 0 52 | 5 4 |
| T 21 | 20 22 | 14 48 | 2 13 | 14 59 | 0 56 | 6 18 | 0 12 | 0 15 | 0 31 | 21 24 | 0 10 | 12 31 | 1 22 | 23 8 | 0 5 | 20 6 | 0 33 | 16 30 | 6 52 | 8 14 | 8 18 | 9 17 | 0 51 | 5 4 |
| F 22 | 20 11 | 17 11 | 3 15 | 14 23 | 0 48 | 5 52 | 0 19 | 0 0 | 0 30 | 21 21 | 0 10 | 12 32 | 1 22 | 23 8 | 0 5 | 20 6 | 0 33 | 16 29 | 6 52 | 8 13 | 8 17 | 9 19 | 0 51 | 5 4 |
| S 23 | 19 58 | 18 30 | 4 5 | 13 46 | 0 40 | 5 26 | 0 26 | 0s14 | 0 29 | 21 19 | 0 10 | 12 33 | 1 23 | 23 8 | 0 5 | 20 5 | 0 33 | 16 29 | 6 52 | 8 11 | 8 16 | 9 20 | 0 51 | 5 5 |
| S 24 | 19 46 | 18 43 | 4 40 | 13 10 | 0 31 | 5 1 | 0 33 | 0 29 | 0 28 | 21 17 | 0 10 | 12 35 | 1 23 | 23 8 | 0 5 | 20 5 | 0 33 | 16 29 | 6 52 | 8 8 | 8 14 | 9 22 | 0 50 | 5 5 |
| M25 | 19 33 | 17 48 | 4 59 | 12 33 | 0 22 | 4 35 | 0 41 | 0 44 | 0 27 | 21 14 | 0 10 | 12 36 | 1 23 | 23 8 | 0 5 | 20 4 | 0 33 | 16 29 | 6 52 | 8 4 | 8 13 | 9 23 | 0 50 | 5 5 |
| T 26 | 19 20 | 15 55 | 5 0 | 11 57 | 0 13 | 4 10 | 0 49 | 0 59 | 0 26 | 21 12 | 0 10 | 12 38 | 1 23 | 23 8 | 0 5 | 20 4 | 0 33 | 16 29 | 6 52 | 7 59 | 8 12 | 9 25 | 0 49 | 5 5 |
| W27 | 19 7 | 13 13 | 4 45 | 11 21 | 0 3 | 3 44 | 0 57 | 1 13 | 0 25 | 21 10 | 0 10 | 12 39 | 1 23 | 23 8 | 0 5 | 20 4 | 0 33 | 16 29 | 6 52 | 7 55 | 8 11 | 9 27 | 0 48 | 5 5 |
| T 28 | 18 53 | 9 55 | 4 15 | 10 45 | 0s 7 | 3 19 | 1 5 | 1 28 | 0 25 | 21 7 | 0 10 | 12 41 | 1 23 | 23 8 | 0 5 | 20 3 | 0 33 | 16 29 | 6 52 | 7 51 | 8 10 | 9 28 | 0 48 | 5 5 |
| F 29 | 18 39 | 6 15 | 3 33 | 10 10 | 0 18 | 2 54 | 1 13 | 1 43 | 0 24 | 21 5 | 0 10 | 12 42 | 1 23 | 23 7 | 0 5 | 20 3 | 0 33 | 16 29 | 6 52 | 7 47 | 8 9 | 9 30 | 0 47 | 5 6 |
| S 30 | 18 24 | 2 23 | 2 42 | 9 34 | 0 28 | 2 29 | 1 22 | 1 58 | 0 23 | 21 3 | 0 11 | 12 44 | 1 24 | 23 7 | 0 5 | 20 2 | 0 33 | 16 29 | 6 52 | 7 45 | 8 7 | 9 31 | 0 47 | 5 6 |
| S 31 | 18n10 | 1s31 | 1s44 | 9n 0 | 0s39 | 2n 4 | 1s30 | 2s13 | 0n22 | 21n 0 | 0n11 | 12s45 | 1s24 | 23s 7 | 0s 5 | 20n 2 | 0s33 | 16n29 | 6s52 | 7s43 | 8s 6 | 9s33 | 0n46 | 5n 6 |

Julian Day Number = 2599649.5, Delta T = 08m54s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'33, Lahiri = 29°31'35


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## AUGUST 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 39 21 | 9♌12'27 | 11♎46 | 6♍13 | 21♍58 | 7♎ 2 | 26♋36 | 29°R56 | 20°R17 | 27♋47 | 3♋ 4 | 19°R45 | 20♎45 | 25♎59 | 20°R 2 | M 1 |
| T 2 | 20 43 17 | 10° 9'48 | 23°36 | 7°15 | 22°38 | 7°38 | 26°49 | 29♒52 | 20♐15 | 27°49 | 3° 5 | 19°D45 | 20°42 | 26° 5 | 20♓ 0 | T 2 |
| W 3 | 20 47 14 | 11° 7'09 | 5♏24 | 8°14 | 23°18 | 8°14 | 27° 2 | 29°48 | 20°14 | 27°52 | 3° 7 | 19°R46 | 20°39 | 26°12 | 19°58 | W 3 |
| T 4 | 20 51 10 | 12° 4'31 | 17°15 | 9°11 | 23°57 | 8°51 | 27°16 | 29°44 | 20°13 | 27°54 | 3° 8 | 19♎46 | 20°35 | 26°19 | 19°56 | T 4 |
| F 5 | 20 55 7 | 13° 1'53 | 29°16 | 10° 4 | 24°34 | 9°27 | 27°29 | 29°39 | 20°12 | 27°56 | 3° 9 | 19°44 | 20°32 | 26°25 | 19°54 | F 5 |
| S 6 | 20 59 4 | 13°59'16 | 11♐30 | 10°54 | 25°10 | 10° 3 | 27°42 | 29°35 | 20°10 | 27°58 | 3°10 | 19°41 | 20°29 | 26°32 | 19°52 | S 6 |
| S 7 | 21 3 0 | 14°56'39 | 24° 3 | 11°41 | 25°45 | 10°40 | 27°55 | 29°31 | 20° 9 | 28° 0 | 3°11 | 19°35 | 20°26 | 26°39 | 19°49 | S 7 |
| M 8 | 21 6 57 | 15°54'03 | 6♑56 | 12°24 | 26°19 | 11°16 | 28° 8 | 29°27 | 20° 8 | 28° 2 | 3°12 | 19°28 | 20°23 | 26°45 | 19°47 | M 8 |
| T 9 | 21 10 53 | 16°51'27 | 20°13 | 13° 3 | 26°51 | 11°53 | 28°22 | 29°22 | 20° 7 | 28° 5 | 3°13 | 19°18 | 20°19 | 26°52 | 19°45 | T 9 |
| W10 | 21 14 50 | 17°48'52 | 3♒52 | 13°39 | 27°22 | 12°29 | 28°35 | 29°18 | 20° 6 | 28° 7 | 3°14 | 19° 8 | 20°16 | 26°59 | 19°42 | W10 |
| T 11 | 21 18 46 | 18°46'18 | 17°51 | 14°11 | 27°52 | 13° 6 | 28°48 | 29°14 | 20° 5 | 28° 9 | 3°16 | 18°59 | 20°13 | 27° 5 | 19°40 | T 11 |
| F 12 | 21 22 43 | 19°43'45 | 2♓ 6 | 14°38 | 28°20 | 13°43 | 29° 1 | 29° 9 | 20° 5 | 28°11 | 3°17 | 18°51 | 20°10 | 27°12 | 19°38 | F 12 |
| S 13 | 21 26 39 | 20°41'13 | 16°31 | 15° 1 | 28°46 | 14°20 | 29°14 | 29° 5 | 20° 4 | 28°13 | 3°18 | 18°45 | 20° 7 | 27°19 | 19°35 | S 13 |
| S 14 | 21 30 36 | 21°38'42 | 0♈59 | 15°20 | 29°11 | 14°57 | 29°27 | 29° 0 | 20° 3 | 28°15 | 3°19 | 18°41 | 20° 4 | 27°25 | 19°33 | S 14 |
| M15 | 21 34 33 | 22°36'12 | 15°27 | 15°33 | 29°34 | 15°34 | 29°40 | 28°56 | 20° 2 | 28°17 | 3°20 | 18°D40 | 20° 0 | 27°32 | 19°30 | M15 |
| T 16 | 21 38 29 | 23°33'43 | 29°50 | 15°42 | 29°56 | 16°11 | 29°53 | 28°51 | 20° 2 | 28°19 | 3°21 | 18°40 | 19°57 | 27°39 | 19°27 | T 16 |
| W17 | 21 42 26 | 24°31'16 | 14♉ 4 | 15°R46 | 0♎15 | 16°49 | 0♌ 6 | 28°47 | 20° 1 | 28°21 | 3°22 | 18°41 | 19°54 | 27°45 | 19°25 | W17 |
| T 18 | 21 46 22 | 25°28'51 | 28° 9 | 15°44 | 0°33 | 17°26 | 0°18 | 28°42 | 20° 0 | 28°23 | 3°23 | 18°R41 | 19°51 | 27°52 | 19°22 | T 18 |
| F 19 | 21 50 19 | 26°26'26 | 12♊ 3 | 15°37 | 0°49 | 18° 3 | 0°31 | 28°38 | 20° 0 | 28°25 | 3°24 | 18°40 | 19°48 | 27°58 | 19°20 | F 19 |
| S 20 | 21 54 15 | 27°24'04 | 25°47 | 15°24 | 1° 3 | 18°41 | 0°44 | 28°33 | 19°59 | 28°27 | 3°24 | 18°37 | 19°44 | 28° 5 | 19°17 | S 20 |
| S 21 | 21 58 12 | 28°21'42 | 9♋18 | 15° 6 | 1°15 | 19°19 | 0°57 | 28°29 | 19°59 | 28°29 | 3°25 | 18°32 | 19°41 | 28°12 | 19°14 | S 21 |
| M22 | 22 2 8 | 29°19'23 | 22°38 | 14°42 | 1°25 | 19°56 | 1° 9 | 28°24 | 19°59 | 28°31 | 3°26 | 18°25 | 19°38 | 28°18 | 19°12 | M22 |
| T 23 | 22 6 5 | 0♍17'04 | 5♌45 | 14°13 | 1°33 | 20°34 | 1°22 | 28°20 | 19°58 | 28°33 | 3°27 | 18°17 | 19°35 | 28°25 | 19° 9 | T 23 |
| W24 | 22 10 2 | 1°14'47 | 18°38 | 13°39 | 1°39 | 21°12 | 1°34 | 28°15 | 19°58 | 28°35 | 3°28 | 18° 8 | 19°32 | 28°32 | 19° 6 | W24 |
| T 25 | 22 13 58 | 2°12'31 | 1♍18 | 13° 0 | 1°42 | 21°50 | 1°47 | 28°11 | 19°58 | 28°37 | 3°29 | 18° 1 | 19°29 | 28°38 | 19° 3 | T 25 |
| F 26 | 22 17 55 | 3°10'16 | 13°44 | 12°17 | 1°R44 | 22°28 | 1°59 | 28° 6 | 19°58 | 28°39 | 3°30 | 17°55 | 19°25 | 28°45 | 19° 0 | F 26 |
| S 27 | 22 21 51 | 4° 8'03 | 25°57 | 11°30 | 1°43 | 23° 6 | 2°12 | 28° 2 | 19°58 | 28°41 | 3°30 | 17°50 | 19°22 | 28°52 | 18°58 | S 27 |
| S 28 | 22 25 48 | 5° 5'51 | 7♎59 | 10°40 | 1°39 | 23°44 | 2°24 | 27°58 | 19°57 | 28°43 | 3°31 | 17°48 | 19°19 | 28°58 | 18°55 | S 28 |
| M29 | 22 29 44 | 6° 3'40 | 19°52 | 9°48 | 1°33 | 24°22 | 2°36 | 27°53 | 19°D57 | 28°45 | 3°32 | 17°D47 | 19°16 | 29° 5 | 18°52 | M29 |
| T 30 | 22 33 41 | 7° 1'30 | 1♏40 | 8°54 | 1°25 | 25° 1 | 2°49 | 27°49 | 19°57 | 28°47 | 3°33 | 17°48 | 19°13 | 29°12 | 18°49 | T 30 |
| W31 | 22 37 37 | 7♍59'22 | 13♏27 | 8♍ 1 | 1♎15 | 25♎39 | 3♌ 1 | 27♒44 | 19♐58 | 28♋48 | 3♋33 | 17♎50 | 19♎10 | 29♎18 | 18♓46 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n55 | 5s18 | 0s42 | 8n26 | 0s50 | 1n40 | 1s39 | 2s28 | 0n21 | 20n58 | 0n11 | 12s47 | 1s24 | 23s 7 | 0s 5 | 20n 1 | 0s33 | 16n29 | 6s52 | 7s43 | 8s 5 | 9s34 | 0n45 | 5n 6 |
| T 2 | 17 39 | 8 49 | 0n21 | 7 52 | 1 2 | 1 15 | 1 48 | 2 43 | 0 20 | 20 55 | 0 11 | 12 48 | 1 24 | 23 7 | 0 5 | 20 1 | 0 33 | 16 29 | 6 52 | 7 43 | 8 4 | 9 36 | 0 45 | 5 6 |
| W 3 | 17 24 | 12 0 | 1 23 | 7 20 | 1 13 | 0 51 | 1 57 | 2 58 | 0 19 | 20 53 | 0 11 | 12 50 | 1 24 | 23 7 | 0 5 | 20 1 | 0 33 | 16 29 | 6 52 | 7 43 | 8 3 | 9 38 | 0 44 | 5 6 |
| T 4 | 17 8 | 14 41 | 2 21 | 6 48 | 1 25 | 0 27 | 2 7 | 3 13 | 0 19 | 20 50 | 0 11 | 12 51 | 1 24 | 23 7 | 0 5 | 20 0 | 0 33 | 16 29 | 6 52 | 7 43 | 8 1 | 9 39 | 0 43 | 5 6 |
| F 5 | 16 52 | 16 47 | 3 15 | 6 17 | 1 37 | 0 4 | 2 16 | 3 28 | 0 18 | 20 48 | 0 11 | 12 53 | 1 24 | 23 7 | 0 5 | 20 0 | 0 33 | 16 29 | 6 52 | 7 42 | 8 0 | 9 41 | 0 43 | 5 7 |
| S 6 | 16 36 | 18 9 | 4 0 | 5 47 | 1 49 | 0s19 | 2 26 | 3 43 | 0 17 | 20 45 | 0 11 | 12 55 | 1 24 | 23 7 | 0 5 | 19 59 | 0 33 | 16 29 | 6 52 | 7 41 | 7 59 | 9 42 | 0 42 | 5 7 |
| S 7 | 16 19 | 18 40 | 4 35 | 5 18 | 2 1 | 0 42 | 2 36 | 3 58 | 0 16 | 20 43 | 0 11 | 12 56 | 1 25 | 23 7 | 0 5 | 19 59 | 0 33 | 16 28 | 6 52 | 7 39 | 7 58 | 9 44 | 0 41 | 5 7 |
| M 8 | 16 2 | 18 15 | 4 57 | 4 50 | 2 13 | 1 5 | 2 46 | 4 13 | 0 15 | 20 40 | 0 11 | 12 58 | 1 25 | 23 7 | 0 5 | 19 59 | 0 32 | 16 28 | 6 52 | 7 36 | 7 57 | 9 45 | 0 40 | 5 7 |
| T 9 | 15 45 | 16 51 | 5 4 | 4 24 | 2 25 | 1 27 | 2 56 | 4 28 | 0 14 | 20 38 | 0 12 | 12 59 | 1 25 | 23 7 | 0 5 | 19 58 | 0 32 | 16 28 | 6 53 | 7 32 | 7 55 | 9 47 | 0 39 | 5 7 |
| W10 | 15 27 | 14 28 | 4 54 | 3 59 | 2 37 | 1 49 | 3 7 | 4 43 | 0 14 | 20 35 | 0 12 | 13 1 | 1 25 | 23 6 | 0 5 | 19 58 | 0 32 | 16 28 | 6 53 | 7 29 | 7 54 | 9 49 | 0 39 | 5 7 |
| T 11 | 15 10 | 11 12 | 4 27 | 3 36 | 2 50 | 2 10 | 3 17 | 4 58 | 0 13 | 20 33 | 0 12 | 13 3 | 1 25 | 23 6 | 0 5 | 19 57 | 0 32 | 16 28 | 6 53 | 7 25 | 7 53 | 9 50 | 0 38 | 5 7 |
| F 12 | 14 52 | 7 14 | 3 43 | 3 15 | 3 1 | 2 31 | 3 28 | 5 13 | 0 12 | 20 30 | 0 12 | 13 4 | 1 25 | 23 6 | 0 6 | 19 57 | 0 32 | 16 28 | 6 53 | 7 22 | 7 52 | 9 52 | 0 37 | 5 7 |
| S 13 | 14 34 | 2 48 | 2 43 | 2 55 | 3 13 | 2 52 | 3 39 | 5 28 | 0 11 | 20 28 | 0 12 | 13 6 | 1 25 | 23 6 | 0 6 | 19 56 | 0 32 | 16 28 | 6 53 | 7 20 | 7 51 | 9 53 | 0 36 | 5 7 |
| S 14 | 14 15 | 1n49 | 1 33 | 2 37 | 3 25 | 3 12 | 3 50 | 5 43 | 0 10 | 20 25 | 0 12 | 13 8 | 1 25 | 23 6 | 0 6 | 19 56 | 0 32 | 16 28 | 6 53 | 7 18 | 7 49 | 9 55 | 0 35 | 5 7 |
| M15 | 13 57 | 6 20 | 0 17 | 2 22 | 3 36 | 3 31 | 4 1 | 5 58 | 0 10 | 20 22 | 0 12 | 13 9 | 1 25 | 23 6 | 0 6 | 19 56 | 0 32 | 16 28 | 6 53 | 7 18 | 7 48 | 9 56 | 0 34 | 5 8 |
| T 16 | 13 38 | 10 27 | 1s 0 | 2 9 | 3 46 | 3 50 | 4 13 | 6 13 | 0 9 | 20 20 | 0 12 | 13 11 | 1 26 | 23 6 | 0 6 | 19 55 | 0 32 | 16 28 | 6 53 | 7 18 | 7 47 | 9 58 | 0 33 | 5 8 |
| W17 | 13 19 | 13 55 | 2 12 | 1 58 | 3 57 | 4 8 | 4 24 | 6 28 | 0 8 | 20 17 | 0 12 | 13 13 | 1 26 | 23 6 | 0 6 | 19 55 | 0 32 | 16 28 | 6 53 | 7 18 | 7 46 | 10 0 | 0 32 | 5 8 |
| T 18 | 13 0 | 16 31 | 3 16 | 1 50 | 4 6 | 4 26 | 4 36 | 6 43 | 0 7 | 20 14 | 0 12 | 13 14 | 1 26 | 23 6 | 0 6 | 19 54 | 0 32 | 16 27 | 6 53 | 7 18 | 7 45 | 10 1 | 0 31 | 5 8 |
| F 19 | 12 40 | 18 6 | 4 7 | 1 44 | 4 15 | 4 43 | 4 47 | 6 58 | 0 7 | 20 12 | 0 13 | 13 16 | 1 26 | 23 6 | 0 6 | 19 54 | 0 32 | 16 27 | 6 53 | 7 18 | 7 43 | 10 3 | 0 30 | 5 8 |
| S 20 | 12 21 | 18 36 | 4 44 | 1 42 | 4 23 | 4 59 | 4 59 | 7 13 | 0 6 | 20 9 | 0 13 | 13 17 | 1 26 | 23 6 | 0 6 | 19 54 | 0 32 | 16 27 | 6 53 | 7 17 | 7 42 | 10 4 | 0 29 | 5 8 |
| S 21 | 12 1 | 18 1 | 5 4 | 1 42 | 4 30 | 5 15 | 5 10 | 7 28 | 0 5 | 20 7 | 0 13 | 13 19 | 1 26 | 23 6 | 0 6 | 19 53 | 0 32 | 16 27 | 6 53 | 7 15 | 7 41 | 10 6 | 0 28 | 5 8 |
| M22 | 11 41 | 16 27 | 5 7 | 1 46 | 4 36 | 5 30 | 5 22 | 7 43 | 0 4 | 20 4 | 0 13 | 13 21 | 1 26 | 23 6 | 0 6 | 19 53 | 0 32 | 16 27 | 6 53 | 7 12 | 7 40 | 10 7 | 0 27 | 5 8 |
| T 23 | 11 21 | 14 3 | 4 53 | 1 53 | 4 40 | 5 43 | 5 34 | 7 58 | 0 4 | 20 1 | 0 13 | 13 22 | 1 26 | 23 6 | 0 6 | 19 52 | 0 32 | 16 27 | 6 54 | 7 9 | 7 39 | 10 9 | 0 26 | 5 8 |
| W24 | 11 0 | 11 0 | 4 26 | 2 3 | 4 43 | 5 57 | 5 46 | 8 12 | 0 3 | 19 59 | 0 13 | 13 24 | 1 26 | 23 6 | 0 6 | 19 52 | 0 32 | 16 27 | 6 54 | 7 6 | 7 37 | 10 10 | 0 25 | 5 8 |
| T 25 | 10 40 | 7 29 | 3 45 | 2 17 | 4 45 | 6 9 | 5 57 | 8 27 | 0 2 | 19 56 | 0 13 | 13 26 | 1 26 | 23 6 | 0 6 | 19 52 | 0 32 | 16 27 | 6 54 | 7 3 | 7 36 | 10 12 | 0 24 | 5 8 |
| F 26 | 10 19 | 3 42 | 2 54 | 2 33 | 4 45 | 6 20 | 6 9 | 8 42 | 0 1 | 19 53 | 0 13 | 13 27 | 1 26 | 23 6 | 0 6 | 19 51 | 0 32 | 16 27 | 6 54 | 7 1 | 7 35 | 10 13 | 0 23 | 5 8 |
| S 27 | 9 58 | 0s10 | 1 56 | 2 52 | 4 43 | 6 30 | 6 21 | 8 57 | 0 1 | 19 51 | 0 13 | 13 29 | 1 26 | 23 6 | 0 6 | 19 51 | 0 32 | 16 27 | 6 54 | 6 59 | 7 34 | 10 15 | 0 22 | 5 8 |
| S 28 | 9 37 | 3 58 | 0 53 | 3 15 | 4 39 | 6 39 | 6 32 | 9 12 | 0s 0 | 19 48 | 0 14 | 13 30 | 1 26 | 23 6 | 0 6 | 19 50 | 0 32 | 16 26 | 6 54 | 6 58 | 7 33 | 10 16 | 0 21 | 5 8 |
| M29 | 9 16 | 7 35 | 0n11 | 3 39 | 4 33 | 6 47 | 6 43 | 9 27 | 0 1 | 19 45 | 0 14 | 13 32 | 1 26 | 23 6 | 0 6 | 19 50 | 0 32 | 16 26 | 6 54 | 6 58 | 7 31 | 10 18 | 0 20 | 5 8 |
| T 30 | 8 55 | 10 51 | 1 15 | 4 6 | 4 26 | 6 54 | 6 54 | 9 41 | 0 2 | 19 43 | 0 14 | 13 34 | 1 27 | 23 6 | 0 6 | 19 50 | 0 32 | 16 26 | 6 54 | 6 58 | 7 30 | 10 20 | 0 19 | 5 8 |
| W31 | 8n33 | 13s41 | 2n15 | 4n35 | 4s16 | 6s59 | 7s 5 | 9s56 | 0s 2 | 19n40 | 0n14 | 13s35 | 1s27 | 23s 6 | 0s 6 | 19n49 | 0s32 | 16n26 | 6s54 | 6s59 | 7s29 | 10s21 | 0n18 | 5n 8 |

Julian Day Number = 2599680.5, Delta T = 08m55s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'38, Lahiri = 29°31'39


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## SEPTEMBER 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 41 34 | 8♍57'15 | 25♏18 | 7°R 8 | 1°R 2 | 26♎18 | 3♌13 | 27°R40 | 19♐58 | 28♋50 | 3♋34 | 17♎51 | 19♎ 6 | 29♎25 | 18°R43 | T 1 |
| F 2 | 22 45 30 | 9°55'09 | 7♐18 | 6♍17 | 0♎46 | 26°56 | 3°25 | 27♒35 | 19°58 | 28°52 | 3°35 | 17°R52 | 19° 3 | 29°31 | 18♓40 | F 2 |
| S 3 | 22 49 27 | 10°53'04 | 19°31 | 5°30 | 0°29 | 27°35 | 3°37 | 27°31 | 19°58 | 28°54 | 3°35 | 17°52 | 19° 0 | 29°38 | 18°37 | S 3 |
| S 4 | 22 53 24 | 11°51'01 | 2♑ 3 | 4°46 | 0° 9 | 28°14 | 3°49 | 27°27 | 19°58 | 28°56 | 3°36 | 17°50 | 18°57 | 29°45 | 18°34 | S 4 |
| M 5 | 22 57 20 | 12°48'59 | 14°57 | 4° 8 | 29♍47 | 28°53 | 4° 1 | 27°23 | 19°59 | 28°57 | 3°37 | 17°47 | 18°54 | 29°51 | 18°32 | M 5 |
| T 6 | 23 1 17 | 13°46'58 | 28°16 | 3°36 | 29°22 | 29°31 | 4°13 | 27°18 | 19°59 | 28°59 | 3°37 | 17°42 | 18°50 | 29°58 | 18°29 | T 6 |
| W 7 | 23 5 13 | 14°44'58 | 12♒ 2 | 3°10 | 28°56 | 0♏10 | 4°24 | 27°14 | 20° 0 | 29° 1 | 3°38 | 17°37 | 18°47 | 0♏ 5 | 18°26 | W 7 |
| T 8 | 23 9 10 | 15°43'00 | 26°12 | 2°53 | 28°28 | 0°50 | 4°36 | 27°10 | 20° 0 | 29° 2 | 3°38 | 17°32 | 18°44 | 0°11 | 18°23 | T 8 |
| F 9 | 23 13 6 | 16°41'04 | 10♓43 | 2°43 | 27°58 | 1°29 | 4°48 | 27° 6 | 20° 1 | 29° 4 | 3°39 | 17°28 | 18°41 | 0°18 | 18°20 | F 9 |
| S 10 | 23 17 3 | 17°39'09 | 25°29 | 2°D41 | 27°26 | 2° 8 | 4°59 | 27° 2 | 20° 1 | 29° 6 | 3°40 | 17°25 | 18°38 | 0°25 | 18°17 | S 10 |
| S 11 | 23 20 59 | 18°37'15 | 10♈21 | 2°48 | 26°53 | 2°47 | 5°11 | 26°58 | 20° 2 | 29° 7 | 3°40 | 17°D24 | 18°35 | 0°31 | 18°14 | S 11 |
| M12 | 23 24 56 | 19°35'24 | 25°13 | 3° 4 | 26°18 | 3°26 | 5°22 | 26°54 | 20° 3 | 29° 9 | 3°41 | 17°24 | 18°31 | 0°38 | 18°11 | M12 |
| T 13 | 23 28 53 | 20°33'34 | 9♉57 | 3°29 | 25°43 | 4° 6 | 5°33 | 26°50 | 20° 3 | 29°10 | 3°41 | 17°25 | 18°28 | 0°45 | 18° 8 | T 13 |
| W14 | 23 32 49 | 21°31'46 | 24°28 | 4° 2 | 25° 7 | 4°45 | 5°44 | 26°46 | 20° 4 | 29°12 | 3°41 | 17°26 | 18°25 | 0°51 | 18° 5 | W14 |
| T 15 | 23 36 46 | 22°30'01 | 8♊43 | 4°43 | 24°30 | 5°25 | 5°56 | 26°42 | 20° 5 | 29°13 | 3°42 | 17°28 | 18°22 | 0°58 | 18° 2 | T 15 |
| F 16 | 23 40 42 | 23°28'17 | 22°39 | 5°33 | 23°53 | 6° 5 | 6° 7 | 26°38 | 20° 6 | 29°15 | 3°42 | 17°R28 | 18°19 | 1° 5 | 17°59 | F 16 |
| S 17 | 23 44 39 | 24°26'36 | 6♋16 | 6°30 | 23°16 | 6°44 | 6°18 | 26°35 | 20° 7 | 29°16 | 3°43 | 17°28 | 18°16 | 1°11 | 17°56 | S 17 |
| S 18 | 23 48 35 | 25°24'57 | 19°36 | 7°34 | 22°39 | 7°24 | 6°29 | 26°31 | 20° 8 | 29°18 | 3°43 | 17°26 | 18°12 | 1°18 | 17°53 | S 18 |
| M19 | 23 52 32 | 26°23'19 | 2♌39 | 8°46 | 22° 2 | 8° 4 | 6°39 | 26°27 | 20° 9 | 29°19 | 3°43 | 17°24 | 18° 9 | 1°24 | 17°50 | M19 |
| T 20 | 23 56 28 | 27°21'44 | 15°26 | 10° 3 | 21°26 | 8°44 | 6°50 | 26°24 | 20°10 | 29°20 | 3°44 | 17°21 | 18° 6 | 1°31 | 17°47 | T 20 |
| W21 | 0 0 25 | 28°20'11 | 28° 0 | 11°26 | 20°51 | 9°24 | 7° 1 | 26°20 | 20°11 | 29°22 | 3°44 | 17°18 | 18° 3 | 1°38 | 17°44 | W21 |
| T 22 | 0 4 22 | 29°18'39 | 10♍22 | 12°54 | 20°17 | 10° 4 | 7°11 | 26°17 | 20°12 | 29°23 | 3°44 | 17°15 | 18° 0 | 1°44 | 17°42 | T 22 |
| F 23 | 0 8 18 | 0♎17'10 | 22°33 | 14°26 | 19°44 | 10°44 | 7°22 | 26°14 | 20°14 | 29°24 | 3°44 | 17°13 | 17°56 | 1°51 | 17°39 | F 23 |
| S 24 | 0 12 15 | 1°15'42 | 4♎34 | 16° 2 | 19°13 | 11°25 | 7°32 | 26°10 | 20°15 | 29°26 | 3°45 | 17°12 | 17°53 | 1°58 | 17°36 | S 24 |
| S 25 | 0 16 11 | 2°14'17 | 16°29 | 17°41 | 18°43 | 12° 5 | 7°42 | 26° 7 | 20°16 | 29°27 | 3°45 | 17°D11 | 17°50 | 2° 4 | 17°33 | S 25 |
| M26 | 0 20 8 | 3°12'53 | 28°18 | 19°23 | 18°15 | 12°45 | 7°53 | 26° 4 | 20°18 | 29°28 | 3°45 | 17°12 | 17°47 | 2°11 | 17°30 | M26 |
| T 27 | 0 24 4 | 4°11'31 | 10♏ 5 | 21° 8 | 17°49 | 13°26 | 8° 3 | 26° 1 | 20°19 | 29°29 | 3°45 | 17°13 | 17°44 | 2°18 | 17°27 | T 27 |
| W28 | 0 28 1 | 5°10'11 | 21°52 | 22°54 | 17°25 | 14° 7 | 8°13 | 25°58 | 20°21 | 29°30 | 3°45 | 17°14 | 17°41 | 2°24 | 17°25 | W28 |
| T 29 | 0 31 57 | 6° 8'52 | 3♐44 | 24°41 | 17° 4 | 14°47 | 8°22 | 25°55 | 20°22 | 29°31 | 3°45 | 17°15 | 17°37 | 2°31 | 17°22 | T 29 |
| F 30 | 0 35 54 | 7♎ 7'35 | 15♐43 | 26♍30 | 16♍44 | 15♏28 | 8♌32 | 25♒52 | 20♐24 | 29♋33 | 3♋46 | 17♎16 | 17♎34 | 2♏38 | 17♓19 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n12 | 15s58 | 3n10 | 5n 4 | 4s 5 | 7s 4 | 7s15 | 10s11 | 0s 3 | 19n37 | 0n14 | 13s37 | 1s27 | 23s 6 | 0s 6 | 19n49 | 0s32 | 16n26 | 6s54 | 6s59 | 7s28 | 10s23 | 0n17 | 5n 8 |
| F 2 | 7 50 | 17 34 | 3 58 | 5 35 | 3 52 | 7 7 | 7 25 | 10 25 | 0 4 | 19 35 | 0 14 | 13 38 | 1 27 | 23 6 | 0 6 | 19 49 | 0 32 | 16 26 | 6 54 | 7 0 | 7 27 | 10 24 | 0 15 | 5 8 |
| S 3 | 7 28 | 18 24 | 4 35 | 6 6 | 3 38 | 7 9 | 7 35 | 10 40 | 0 5 | 19 32 | 0 14 | 13 40 | 1 27 | 23 6 | 0 6 | 19 48 | 0 32 | 16 26 | 6 54 | 7 0 | 7 25 | 10 26 | 0 14 | 5 8 |
| S 4 | 7 6 | 18 21 | 5 1 | 6 36 | 3 22 | 7 10 | 7 44 | 10 54 | 0 5 | 19 29 | 0 14 | 13 41 | 1 27 | 23 6 | 0 6 | 19 48 | 0 32 | 16 26 | 6 55 | 6 59 | 7 24 | 10 27 | 0 13 | 5 8 |
| M 5 | 6 44 | 17 23 | 5 12 | 7 6 | 3 5 | 7 9 | 7 53 | 11 9 | 0 6 | 19 27 | 0 14 | 13 43 | 1 27 | 23 6 | 0 6 | 19 48 | 0 32 | 16 26 | 6 55 | 6 58 | 7 23 | 10 29 | 0 12 | 5 8 |
| T 6 | 6 22 | 15 26 | 5 7 | 7 34 | 2 47 | 7 7 | 8 1 | 11 23 | 0 7 | 19 24 | 0 15 | 13 44 | 1 27 | 23 6 | 0 6 | 19 47 | 0 32 | 16 25 | 6 55 | 6 56 | 7 22 | 10 30 | 0 11 | 5 8 |
| W 7 | 6 0 | 12 35 | 4 45 | 8 0 | 2 29 | 7 3 | 8 9 | 11 37 | 0 7 | 19 21 | 0 15 | 13 46 | 1 27 | 23 6 | 0 6 | 19 47 | 0 32 | 16 25 | 6 55 | 6 54 | 7 21 | 10 32 | 0 10 | 5 8 |
| T 8 | 5 37 | 8 55 | 4 4 | 8 24 | 2 10 | 6 58 | 8 16 | 11 52 | 0 8 | 19 19 | 0 15 | 13 47 | 1 27 | 23 6 | 0 6 | 19 46 | 0 32 | 16 25 | 6 55 | 6 52 | 7 19 | 10 33 | 0 8 | 5 8 |
| F 9 | 5 15 | 4 38 | 3 8 | 8 45 | 1 51 | 6 52 | 8 22 | 12 6 | 0 9 | 19 16 | 0 15 | 13 49 | 1 27 | 23 6 | 0 6 | 19 46 | 0 32 | 16 25 | 6 55 | 6 51 | 7 18 | 10 35 | 0 7 | 5 8 |
| S 10 | 4 52 | 0n 0 | 1 57 | 9 4 | 1 32 | 6 45 | 8 28 | 12 20 | 0 9 | 19 13 | 0 15 | 13 50 | 1 27 | 23 6 | 0 6 | 19 46 | 0 32 | 16 25 | 6 55 | 6 50 | 7 17 | 10 36 | 0 6 | 5 8 |
| S 11 | 4 29 | 4 41 | 0 39 | 9 19 | 1 13 | 6 36 | 8 32 | 12 34 | 0 10 | 19 11 | 0 15 | 13 51 | 1 27 | 23 6 | 0 6 | 19 45 | 0 32 | 16 25 | 6 55 | 6 49 | 7 16 | 10 38 | 0 5 | 5 8 |
| M12 | 4 7 | 9 4 | 0s43 | 9 30 | 0 55 | 6 26 | 8 36 | 12 48 | 0 11 | 19 8 | 0 15 | 13 53 | 1 27 | 23 6 | 0 6 | 19 45 | 0 32 | 16 25 | 6 55 | 6 49 | 7 15 | 10 39 | 0 4 | 5 7 |
| T 13 | 3 44 | 12 51 | 2 1 | 9 38 | 0 37 | 6 14 | 8 39 | 13 2 | 0 12 | 19 5 | 0 15 | 13 54 | 1 27 | 23 6 | 0 6 | 19 45 | 0 32 | 16 25 | 6 55 | 6 49 | 7 13 | 10 41 | 0 2 | 5 7 |
| W14 | 3 21 | 15 46 | 3 10 | 9 42 | 0 20 | 6 2 | 8 41 | 13 16 | 0 12 | 19 3 | 0 16 | 13 56 | 1 27 | 23 6 | 0 6 | 19 44 | 0 33 | 16 25 | 6 56 | 6 50 | 7 12 | 10 42 | 0 1 | 5 7 |
| T 15 | 2 58 | 17 39 | 4 6 | 9 42 | 0 4 | 5 49 | 8 42 | 13 30 | 0 13 | 19 0 | 0 16 | 13 57 | 1 27 | 23 7 | 0 6 | 19 44 | 0 33 | 16 24 | 6 56 | 6 50 | 7 11 | 10 44 | 0s 0 | 5 7 |
| F 16 | 2 35 | 18 25 | 4 46 | 9 38 | 0n12 | 5 34 | 8 42 | 13 44 | 0 14 | 18 57 | 0 16 | 13 58 | 1 27 | 23 7 | 0 6 | 19 44 | 0 33 | 16 24 | 6 56 | 6 51 | 7 10 | 10 45 | 0 1 | 5 7 |
| S 17 | 2 12 | 18 5 | 5 9 | 9 30 | 0 26 | 5 19 | 8 41 | 13 57 | 0 14 | 18 55 | 0 16 | 13 59 | 1 27 | 23 7 | 0 6 | 19 44 | 0 33 | 16 24 | 6 56 | 6 50 | 7 9 | 10 47 | 0 3 | 5 7 |
| S 18 | 1 49 | 16 46 | 5 15 | 9 19 | 0 39 | 5 3 | 8 40 | 14 11 | 0 15 | 18 52 | 0 16 | 14 1 | 1 27 | 23 7 | 0 6 | 19 43 | 0 33 | 16 24 | 6 56 | 6 50 | 7 7 | 10 48 | 0 4 | 5 7 |
| M19 | 1 26 | 14 35 | 5 4 | 9 4 | 0 51 | 4 46 | 8 37 | 14 25 | 0 16 | 18 50 | 0 16 | 14 2 | 1 27 | 23 7 | 0 6 | 19 43 | 0 33 | 16 24 | 6 56 | 6 49 | 7 6 | 10 50 | 0 5 | 5 7 |
| T 20 | 1 3 | 11 44 | 4 38 | 8 45 | 1 2 | 4 29 | 8 33 | 14 38 | 0 16 | 18 47 | 0 16 | 14 3 | 1 27 | 23 7 | 0 6 | 19 43 | 0 33 | 16 24 | 6 56 | 6 48 | 7 5 | 10 51 | 0 6 | 5 7 |
| W21 | 0 40 | 8 23 | 4 0 | 8 22 | 1 12 | 4 11 | 8 29 | 14 51 | 0 17 | 18 45 | 0 16 | 14 4 | 1 27 | 23 7 | 0 6 | 19 42 | 0 33 | 16 24 | 6 56 | 6 47 | 7 4 | 10 53 | 0 8 | 5 7 |
| T 22 | 0 16 | 4 44 | 3 10 | 7 57 | 1 21 | 3 53 | 8 23 | 15 5 | 0 18 | 18 42 | 0 17 | 14 5 | 1 27 | 23 7 | 0 6 | 19 42 | 0 33 | 16 24 | 6 56 | 6 46 | 7 3 | 10 54 | 0 9 | 5 6 |
| F 23 | 0s 7 | 0 56 | 2 12 | 7 28 | 1 28 | 3 34 | 8 17 | 15 18 | 0 18 | 18 39 | 0 17 | 14 7 | 1 27 | 23 7 | 0 6 | 19 42 | 0 33 | 16 23 | 6 57 | 6 45 | 7 1 | 10 56 | 0 10 | 5 6 |
| S 24 | 0 30 | 2s52 | 1 9 | 6 57 | 1 35 | 3 16 | 8 10 | 15 31 | 0 19 | 18 37 | 0 17 | 14 8 | 1 27 | 23 7 | 0 6 | 19 42 | 0 33 | 16 23 | 6 57 | 6 44 | 7 0 | 10 57 | 0 11 | 5 6 |
| S 25 | 0 53 | 6 32 | 0 4 | 6 23 | 1 40 | 2 57 | 8 3 | 15 44 | 0 19 | 18 34 | 0 17 | 14 9 | 1 27 | 23 7 | 0 6 | 19 41 | 0 33 | 16 23 | 6 57 | 6 44 | 6 59 | 10 58 | 0 13 | 5 6 |
| M26 | 1 17 | 9 54 | 1n 1 | 5 47 | 1 44 | 2 39 | 7 54 | 15 57 | 0 20 | 18 32 | 0 17 | 14 10 | 1 27 | 23 8 | 0 6 | 19 41 | 0 33 | 16 23 | 6 57 | 6 44 | 6 58 | 11 0 | 0 14 | 5 6 |
| T 27 | 1 40 | 12 51 | 2 4 | 5 9 | 1 47 | 2 21 | 7 45 | 16 10 | 0 21 | 18 30 | 0 17 | 14 11 | 1 27 | 23 8 | 0 6 | 19 41 | 0 33 | 16 23 | 6 57 | 6 45 | 6 57 | 11 1 | 0 15 | 5 6 |
| W28 | 2 3 | 15 17 | 3 1 | 4 29 | 1 49 | 2 3 | 7 36 | 16 23 | 0 21 | 18 27 | 0 17 | 14 12 | 1 27 | 23 8 | 0 6 | 19 41 | 0 33 | 16 23 | 6 57 | 6 45 | 6 55 | 11 3 | 0 16 | 5 5 |
| T 29 | 2 26 | 17 4 | 3 51 | 3 48 | 1 51 | 1 45 | 7 26 | 16 35 | 0 22 | 18 25 | 0 18 | 14 13 | 1 27 | 23 8 | 0 6 | 19 40 | 0 33 | 16 23 | 6 57 | 6 45 | 6 54 | 11 4 | 0 17 | 5 5 |
| F 30 | 2s49 | 18s 8 | 4n31 | 3n 6 | 1n51 | 1s28 | 7s15 | 16s48 | 0s23 | 18n22 | 0n18 | 14s14 | 1s27 | 23s 8 | 0s 6 | 19n40 | 0s33 | 16n23 | 6s57 | 6s46 | 6s53 | 11s 6 | 0s19 | 5n 5 |

Julian Day Number = 2599711.5, Delta T = 08m55s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'42, Lahiri = 29°31'43


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## OCTOBER 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 39 50 | 8♎ 6'20 | 27♐55 | 28♍19 | 16°R27 | 16♏ 9 | 8♌42 | 25°R49 | 20♐26 | 29♋34 | 3♋46 | 17♎16 | 17♎31 | 2♏44 | 17°R16 | S 1 |
| S 2 | 0 43 47 | 9° 5'07 | 10♑23 | 0♎ 9 | 16♍12 | 16°50 | 8°51 | 25♒47 | 20°27 | 29°35 | 3°46 | 17°R17 | 17°28 | 2°51 | 17♓14 | S 2 |
| M 3 | 0 47 44 | 10° 3'55 | 23°13 | 1°59 | 15°59 | 17°30 | 9° 1 | 25°44 | 20°29 | 29°36 | 3°46 | 17°16 | 17°25 | 2°58 | 17°11 | M 3 |
| T 4 | 0 51 40 | 11° 2'45 | 6♒27 | 3°49 | 15°49 | 18°11 | 9°10 | 25°42 | 20°31 | 29°37 | 3°R46 | 17°16 | 17°21 | 3° 4 | 17° 8 | T 4 |
| W 5 | 0 55 37 | 12° 1'37 | 20° 8 | 5°38 | 15°42 | 18°53 | 9°19 | 25°39 | 20°33 | 29°38 | 3°46 | 17°15 | 17°18 | 3°11 | 17° 6 | W 5 |
| T 6 | 0 59 33 | 13° 0'31 | 4♓16 | 7°28 | 15°36 | 19°34 | 9°28 | 25°37 | 20°34 | 29°38 | 3°46 | 17°15 | 17°15 | 3°18 | 17° 3 | T 6 |
| F 7 | 1 3 30 | 13°59'26 | 18°49 | 9°17 | 15°34 | 20°15 | 9°37 | 25°35 | 20°36 | 29°39 | 3°46 | 17°14 | 17°12 | 3°24 | 17° 1 | F 7 |
| S 8 | 1 7 26 | 14°58'23 | 3♈43 | 11° 5 | 15°D33 | 20°56 | 9°46 | 25°33 | 20°38 | 29°40 | 3°45 | 17°14 | 17° 9 | 3°31 | 16°58 | S 8 |
| S 9 | 1 11 23 | 15°57'22 | 18°49 | 12°53 | 15°35 | 21°38 | 9°55 | 25°31 | 20°40 | 29°41 | 3°45 | 17°D14 | 17° 6 | 3°37 | 16°56 | S 9 |
| M10 | 1 15 19 | 16°56'23 | 3♉59 | 14°40 | 15°39 | 22°19 | 10° 4 | 25°29 | 20°42 | 29°42 | 3°45 | 17°R14 | 17° 2 | 3°44 | 16°53 | M10 |
| T 11 | 1 19 16 | 17°55'26 | 19° 4 | 16°26 | 15°46 | 23° 0 | 10°12 | 25°27 | 20°45 | 29°43 | 3°45 | 17°14 | 16°59 | 3°51 | 16°51 | T 11 |
| W12 | 1 23 13 | 18°54'31 | 3♊55 | 18°12 | 15°55 | 23°42 | 10°21 | 25°25 | 20°47 | 29°43 | 3°45 | 17°14 | 16°56 | 3°57 | 16°49 | W12 |
| T 13 | 1 27 9 | 19°53'39 | 18°26 | 19°57 | 16° 6 | 24°24 | 10°29 | 25°23 | 20°49 | 29°44 | 3°45 | 17°14 | 16°53 | 4° 4 | 16°46 | T 13 |
| F 14 | 1 31 6 | 20°52'49 | 2♋34 | 21°41 | 16°19 | 25° 5 | 10°37 | 25°22 | 20°51 | 29°45 | 3°44 | 17°14 | 16°50 | 4°11 | 16°44 | F 14 |
| S 15 | 1 35 2 | 21°52'01 | 16°16 | 23°24 | 16°34 | 25°47 | 10°45 | 25°20 | 20°53 | 29°45 | 3°44 | 17°D13 | 16°47 | 4°17 | 16°42 | S 15 |
| S 16 | 1 38 59 | 22°51'16 | 29°33 | 25° 7 | 16°52 | 26°29 | 10°53 | 25°19 | 20°56 | 29°46 | 3°44 | 17°13 | 16°43 | 4°24 | 16°39 | S 16 |
| M17 | 1 42 55 | 23°50'33 | 12♌28 | 26°49 | 17°11 | 27°11 | 11° 1 | 25°17 | 20°58 | 29°46 | 3°44 | 17°14 | 16°40 | 4°31 | 16°37 | M17 |
| T 18 | 1 46 52 | 24°49'52 | 25° 5 | 28°30 | 17°32 | 27°53 | 11° 8 | 25°16 | 21° 0 | 29°47 | 3°43 | 17°14 | 16°37 | 4°37 | 16°35 | T 18 |
| W19 | 1 50 48 | 25°49'13 | 7♍25 | 0♏10 | 17°55 | 28°35 | 11°16 | 25°15 | 21° 3 | 29°47 | 3°43 | 17°15 | 16°34 | 4°44 | 16°33 | W19 |
| T 20 | 1 54 45 | 26°48'37 | 19°34 | 1°50 | 18°20 | 29°17 | 11°23 | 25°14 | 21° 5 | 29°48 | 3°43 | 17°16 | 16°31 | 4°51 | 16°31 | T 20 |
| F 21 | 1 58 42 | 27°48'02 | 1♎33 | 3°29 | 18°46 | 29°59 | 11°30 | 25°13 | 21° 8 | 29°48 | 3°42 | 17°17 | 16°27 | 4°57 | 16°29 | F 21 |
| S 22 | 2 2 38 | 28°47'30 | 13°26 | 5° 7 | 19°15 | 0♐42 | 11°37 | 25°12 | 21°10 | 29°49 | 3°42 | 17°R17 | 16°24 | 5° 4 | 16°27 | S 22 |
| S 23 | 2 6 35 | 29°47'00 | 25°15 | 6°45 | 19°44 | 1°24 | 11°44 | 25°12 | 21°13 | 29°49 | 3°41 | 17°17 | 16°21 | 5°11 | 16°25 | S 23 |
| M24 | 2 10 31 | 0♏46'32 | 7♏ 2 | 8°22 | 20°15 | 2° 6 | 11°51 | 25°11 | 21°16 | 29°49 | 3°41 | 17°16 | 16°18 | 5°17 | 16°23 | M24 |
| T 25 | 2 14 28 | 1°46'06 | 18°50 | 9°58 | 20°48 | 2°49 | 11°57 | 25°10 | 21°18 | 29°50 | 3°41 | 17°15 | 16°15 | 5°24 | 16°21 | T 25 |
| W26 | 2 18 24 | 2°45'42 | 0♐41 | 11°34 | 21°22 | 3°32 | 12° 4 | 25°10 | 21°21 | 29°50 | 3°40 | 17°13 | 16°12 | 5°31 | 16°20 | W26 |
| T 27 | 2 22 21 | 3°45'20 | 12°37 | 13° 9 | 21°58 | 4°14 | 12°10 | 25°10 | 21°24 | 29°50 | 3°40 | 17°10 | 16° 8 | 5°37 | 16°18 | T 27 |
| F 28 | 2 26 17 | 4°44'59 | 24°40 | 14°43 | 22°35 | 4°57 | 12°16 | 25° 9 | 21°26 | 29°50 | 3°39 | 17° 7 | 16° 5 | 5°44 | 16°16 | F 28 |
| S 29 | 2 30 14 | 5°44'41 | 6♑55 | 16°17 | 23°13 | 5°40 | 12°22 | 25° 9 | 21°29 | 29°50 | 3°39 | 17° 5 | 16° 2 | 5°50 | 16°14 | S 29 |
| S 30 | 2 34 11 | 6°44'24 | 19°23 | 17°51 | 23°52 | 6°23 | 12°28 | 25°D 9 | 21°32 | 29°51 | 3°38 | 17° 3 | 15°59 | 5°57 | 16°13 | S 30 |
| M31 | 2 38 7 | 7♏44'09 | 2♒ 8 | 19♏23 | 24♍33 | 7♐ 5 | 12♌34 | 25♒ 9 | 21♐35 | 29♋51 | 3♋37 | 17°D 2 | 15♎56 | 6♏ 4 | 16♓11 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s12 | 18s22 | 5n 0 | 2n22 | 1n51 | 1s11 | 7s 5 | 17s 0 | 0s23 | 18n20 | 0n18 | 14s15 | 1s27 | 23s 8 | 0s 6 | 19n40 | 0s33 | 16n23 | 6s57 | 6s46 | 6s52 | 11s 7 | 0s20 | 5n 5 |
| S 2 | 3 36 | 17 44 | 5 16 | 1 38 | 1 50 | 0 55 | 6 53 | 17 12 | 0 24 | 18 18 | 0 18 | 14 15 | 1 27 | 23 8 | 0 6 | 19 40 | 0 33 | 16 22 | 6 58 | 6 46 | 6 50 | 11 9 | 0 21 | 5 5 |
| M 3 | 3 59 | 16 12 | 5 16 | 0 52 | 1 49 | 0 40 | 6 42 | 17 25 | 0 24 | 18 15 | 0 18 | 14 16 | 1 27 | 23 8 | 0 6 | 19 39 | 0 33 | 16 22 | 6 58 | 6 46 | 6 49 | 11 10 | 0 22 | 5 5 |
| T 4 | 4 22 | 13 46 | 5 0 | 0 7 | 1 46 | 0 25 | 6 30 | 17 37 | 0 25 | 18 13 | 0 18 | 14 17 | 1 27 | 23 8 | 0 6 | 19 39 | 0 33 | 16 22 | 6 58 | 6 46 | 6 48 | 11 12 | 0 24 | 5 4 |
| W 5 | 4 45 | 10 30 | 4 27 | 0s39 | 1 44 | 0 11 | 6 18 | 17 48 | 0 26 | 18 11 | 0 18 | 14 18 | 1 27 | 23 9 | 0 6 | 19 39 | 0 33 | 16 22 | 6 58 | 6 46 | 6 47 | 11 13 | 0 25 | 5 4 |
| T 6 | 5 8 | 6 33 | 3 37 | 1 25 | 1 40 | 0n 2 | 6 6 | 18 0 | 0 26 | 18 8 | 0 19 | 14 19 | 1 26 | 23 9 | 0 6 | 19 39 | 0 33 | 16 22 | 6 58 | 6 45 | 6 46 | 11 15 | 0 26 | 5 4 |
| F 7 | 5 30 | 2 5 | 2 32 | 2 11 | 1 37 | 0 15 | 5 53 | 18 12 | 0 27 | 18 6 | 0 19 | 14 19 | 1 26 | 23 9 | 0 6 | 19 39 | 0 33 | 16 22 | 6 58 | 6 45 | 6 44 | 11 16 | 0 27 | 5 4 |
| S 8 | 5 53 | 2n37 | 1 15 | 2 57 | 1 32 | 0 26 | 5 41 | 18 23 | 0 27 | 18 4 | 0 19 | 14 20 | 1 26 | 23 9 | 0 6 | 19 38 | 0 33 | 16 22 | 6 58 | 6 45 | 6 43 | 11 17 | 0 28 | 5 3 |
| S 9 | 6 16 | 7 13 | 0s 9 | 3 43 | 1 28 | 0 37 | 5 28 | 18 35 | 0 28 | 18 2 | 0 19 | 14 21 | 1 26 | 23 9 | 0 6 | 19 38 | 0 33 | 16 22 | 6 58 | 6 45 | 6 42 | 11 19 | 0 29 | 5 3 |
| M10 | 6 38 | 11 23 | 1 32 | 4 29 | 1 23 | 0 47 | 5 16 | 18 46 | 0 29 | 17 59 | 0 19 | 14 21 | 1 26 | 23 9 | 0 6 | 19 38 | 0 33 | 16 22 | 6 58 | 6 45 | 6 41 | 11 20 | 0 31 | 5 3 |
| T 11 | 7 1 | 14 45 | 2 48 | 5 15 | 1 18 | 0 56 | 5 3 | 18 57 | 0 29 | 17 57 | 0 19 | 14 22 | 1 26 | 23 9 | 0 6 | 19 38 | 0 33 | 16 22 | 6 58 | 6 45 | 6 40 | 11 22 | 0 32 | 5 3 |
| W12 | 7 23 | 17 5 | 3 52 | 6 0 | 1 12 | 1 4 | 4 51 | 19 8 | 0 30 | 17 55 | 0 19 | 14 22 | 1 26 | 23 10 | 0 6 | 19 38 | 0 33 | 16 21 | 6 59 | 6 45 | 6 38 | 11 23 | 0 33 | 5 3 |
| T 13 | 7 46 | 18 15 | 4 39 | 6 45 | 1 7 | 1 11 | 4 38 | 19 19 | 0 30 | 17 53 | 0 20 | 14 23 | 1 26 | 23 10 | 0 6 | 19 38 | 0 33 | 16 21 | 6 59 | 6 45 | 6 37 | 11 25 | 0 34 | 5 2 |
| F 14 | 8 8 | 18 14 | 5 8 | 7 29 | 1 1 | 1 18 | 4 26 | 19 30 | 0 31 | 17 51 | 0 20 | 14 23 | 1 26 | 23 10 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 45 | 6 36 | 11 26 | 0 35 | 5 2 |
| S 15 | 8 30 | 17 8 | 5 18 | 8 13 | 0 55 | 1 23 | 4 14 | 19 40 | 0 32 | 17 49 | 0 20 | 14 24 | 1 26 | 23 10 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 45 | 6 35 | 11 27 | 0 36 | 5 2 |
| S 16 | 8 52 | 15 8 | 5 11 | 8 57 | 0 48 | 1 28 | 4 2 | 19 51 | 0 32 | 17 47 | 0 20 | 14 24 | 1 26 | 23 10 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 45 | 6 33 | 11 29 | 0 37 | 5 2 |
| M17 | 9 14 | 12 25 | 4 48 | 9 40 | 0 42 | 1 31 | 3 50 | 20 1 | 0 33 | 17 45 | 0 20 | 14 25 | 1 26 | 23 10 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 45 | 6 32 | 11 30 | 0 38 | 5 1 |
| T 18 | 9 36 | 9 11 | 4 11 | 10 22 | 0 36 | 1 34 | 3 38 | 20 11 | 0 33 | 17 43 | 0 20 | 14 25 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 45 | 6 31 | 11 32 | 0 39 | 5 1 |
| W19 | 9 57 | 5 36 | 3 24 | 11 3 | 0 29 | 1 36 | 3 26 | 20 21 | 0 34 | 17 41 | 0 21 | 14 25 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 46 | 6 30 | 11 33 | 0 40 | 5 1 |
| T 20 | 10 19 | 1 51 | 2 28 | 11 44 | 0 22 | 1 37 | 3 15 | 20 31 | 0 34 | 17 39 | 0 21 | 14 26 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 21 | 6 59 | 6 46 | 6 29 | 11 35 | 0 42 | 5 0 |
| F 21 | 10 40 | 1s56 | 1 26 | 12 24 | 0 16 | 1 37 | 3 3 | 20 40 | 0 35 | 17 38 | 0 21 | 14 26 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 21 | 7 0 | 6 46 | 6 27 | 11 36 | 0 43 | 5 0 |
| S 22 | 11 1 | 5 37 | 0 21 | 13 4 | 0 9 | 1 37 | 2 52 | 20 50 | 0 35 | 17 36 | 0 21 | 14 26 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 20 | 7 0 | 6 46 | 6 26 | 11 37 | 0 44 | 5 0 |
| S 23 | 11 22 | 9 4 | 0n44 | 13 42 | 0 2 | 1 35 | 2 41 | 20 59 | 0 36 | 17 34 | 0 21 | 14 26 | 1 26 | 23 11 | 0 6 | 19 37 | 0 33 | 16 20 | 7 0 | 6 46 | 6 25 | 11 39 | 0 45 | 5 0 |
| M24 | 11 43 | 12 8 | 1 47 | 14 20 | 0s 5 | 1 33 | 2 30 | 21 8 | 0 37 | 17 32 | 0 21 | 14 26 | 1 25 | 23 12 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 46 | 6 24 | 11 40 | 0 46 | 4 59 |
| T 25 | 12 4 | 14 43 | 2 46 | 14 58 | 0 12 | 1 30 | 2 19 | 21 17 | 0 37 | 17 31 | 0 22 | 14 26 | 1 25 | 23 12 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 45 | 6 22 | 11 42 | 0 47 | 4 59 |
| W26 | 12 24 | 16 42 | 3 38 | 15 34 | 0 19 | 1 26 | 2 9 | 21 25 | 0 38 | 17 29 | 0 22 | 14 27 | 1 25 | 23 12 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 45 | 6 21 | 11 43 | 0 48 | 4 59 |
| T 27 | 12 44 | 17 57 | 4 21 | 16 9 | 0 26 | 1 22 | 1 59 | 21 34 | 0 38 | 17 27 | 0 22 | 14 27 | 1 25 | 23 12 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 44 | 6 20 | 11 44 | 0 48 | 4 58 |
| F 28 | 13 4 | 18 25 | 4 52 | 16 44 | 0 32 | 1 17 | 1 48 | 21 42 | 0 39 | 17 26 | 0 22 | 14 27 | 1 25 | 23 12 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 43 | 6 19 | 11 46 | 0 49 | 4 58 |
| S 29 | 13 24 | 18 2 | 5 11 | 17 18 | 0 39 | 1 11 | 1 39 | 21 50 | 0 39 | 17 24 | 0 22 | 14 27 | 1 25 | 23 13 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 42 | 6 18 | 11 47 | 0 50 | 4 58 |
| S 30 | 13 44 | 16 47 | 5 16 | 17 51 | 0 46 | 1 4 | 1 29 | 21 58 | 0 40 | 17 23 | 0 22 | 14 27 | 1 25 | 23 13 | 0 6 | 19 36 | 0 33 | 16 20 | 7 0 | 6 41 | 6 16 | 11 49 | 0 51 | 4 57 |
| M31 | 14s 3 | 14s41 | 5n 5 | 18s23 | 0s52 | 0n57 | 1s19 | 22s 6 | 0s40 | 17n22 | 0n23 | 14s26 | 1s25 | 23s13 | 0s 6 | 19n36 | 0s33 | 16n20 | 7s 0 | 6s41 | 6s15 | 11s50 | 0s52 | 4n57 |

Julian Day Number = 2599741.5, Delta T = 08m55s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'46, Lahiri = 29°31'48


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## NOVEMBER 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 42 4 | 8♏43'56 | 15♒15 | 20♏55 | 25♍14 | 7♐48 | 12♌39 | 25♒10 | 21♐38 | 29♋51 | 3°R37 | 17♎ 2 | 15♎53 | 6♏10 | 16°R10 | T 1 |
| W 2 | 2 46 0 | 9°43'44 | 28°45 | 22°27 | 25°57 | 8°31 | 12°44 | 25°10 | 21°41 | 29°R51 | 3♋36 | 17° 3 | 15°49 | 6°17 | 16♓ 8 | W 2 |
| T 3 | 2 49 57 | 10°43'33 | 12♓41 | 23°58 | 26°41 | 9°15 | 12°50 | 25°10 | 21°44 | 29°51 | 3°36 | 17° 4 | 15°46 | 6°24 | 16° 7 | T 3 |
| F 4 | 2 53 53 | 11°43'25 | 27° 2 | 25°29 | 27°26 | 9°58 | 12°55 | 25°11 | 21°47 | 29°51 | 3°35 | 17° 6 | 15°43 | 6°30 | 16° 6 | F 4 |
| S 5 | 2 57 50 | 12°43'18 | 11♈47 | 26°59 | 28°11 | 10°41 | 12°59 | 25°11 | 21°50 | 29°51 | 3°34 | 17°R 7 | 15°40 | 6°37 | 16° 5 | S 5 |
| S 6 | 3 1 46 | 13°43'13 | 26°50 | 28°29 | 28°58 | 11°24 | 13° 4 | 25°12 | 21°53 | 29°50 | 3°34 | 17° 7 | 15°37 | 6°44 | 16° 3 | S 6 |
| M 7 | 3 5 43 | 14°43'09 | 12♉ 4 | 29°58 | 29°46 | 12° 8 | 13° 9 | 25°13 | 21°56 | 29°50 | 3°33 | 17° 5 | 15°33 | 6°50 | 16° 2 | M 7 |
| T 8 | 3 9 39 | 15°43'08 | 27°18 | 1♗26 | 0♎34 | 12°51 | 13°13 | 25°14 | 21°59 | 29°50 | 3°32 | 17° 2 | 15°30 | 6°57 | 16° 1 | T 8 |
| W 9 | 3 13 36 | 16°43'08 | 12♊23 | 2°54 | 1°24 | 13°34 | 13°17 | 25°15 | 22° 2 | 29°50 | 3°31 | 16°58 | 15°27 | 7° 4 | 16° 0 | W 9 |
| T 10 | 3 17 33 | 17°43'11 | 27° 9 | 4°22 | 2°14 | 14°18 | 13°21 | 25°16 | 22° 5 | 29°50 | 3°31 | 16°54 | 15°24 | 7°10 | 15°59 | T 10 |
| F 11 | 3 21 29 | 18°43'15 | 11♋30 | 5°48 | 3° 5 | 15° 2 | 13°25 | 25°17 | 22° 9 | 29°49 | 3°30 | 16°49 | 15°21 | 7°17 | 15°58 | F 11 |
| S 12 | 3 25 26 | 19°43'22 | 25°22 | 7°15 | 3°57 | 15°45 | 13°28 | 25°19 | 22°12 | 29°49 | 3°29 | 16°46 | 15°18 | 7°24 | 15°57 | S 12 |
| S 13 | 3 29 22 | 20°43'31 | 8♌46 | 8°40 | 4°49 | 16°29 | 13°32 | 25°20 | 22°15 | 29°49 | 3°28 | 16°43 | 15°14 | 7°30 | 15°56 | S 13 |
| M14 | 3 33 19 | 21°43'41 | 21°43 | 10° 5 | 5°43 | 17°13 | 13°35 | 25°21 | 22°18 | 29°48 | 3°27 | 16°D43 | 15°11 | 7°37 | 15°56 | M14 |
| T 15 | 3 37 15 | 22°43'54 | 4♍17 | 11°29 | 6°37 | 17°57 | 13°38 | 25°23 | 22°22 | 29°48 | 3°27 | 16°43 | 15° 8 | 7°44 | 15°55 | T 15 |
| W16 | 3 41 12 | 23°44'09 | 16°32 | 12°53 | 7°31 | 18°41 | 13°41 | 25°25 | 22°25 | 29°47 | 3°26 | 16°45 | 15° 5 | 7°50 | 15°54 | W16 |
| T 17 | 3 45 8 | 24°44'25 | 28°34 | 14°15 | 8°26 | 19°25 | 13°44 | 25°27 | 22°28 | 29°47 | 3°25 | 16°47 | 15° 2 | 7°57 | 15°54 | T 17 |
| F 18 | 3 49 5 | 25°44'44 | 10♎26 | 15°37 | 9°22 | 20° 9 | 13°46 | 25°29 | 22°32 | 29°46 | 3°24 | 16°48 | 14°58 | 8° 4 | 15°53 | F 18 |
| S 19 | 3 53 2 | 26°45'05 | 22°14 | 16°57 | 10°19 | 20°53 | 13°48 | 25°31 | 22°35 | 29°46 | 3°23 | 16°R48 | 14°55 | 8°10 | 15°53 | S 19 |
| S 20 | 3 56 58 | 27°45'27 | 4♏ 1 | 18°17 | 11°16 | 21°37 | 13°51 | 25°33 | 22°38 | 29°45 | 3°22 | 16°46 | 14°52 | 8°17 | 15°52 | S 20 |
| M21 | 4 0 55 | 28°45'51 | 15°49 | 19°35 | 12°13 | 22°21 | 13°52 | 25°35 | 22°42 | 29°45 | 3°21 | 16°42 | 14°49 | 8°24 | 15°52 | M21 |
| T 22 | 4 4 51 | 29°46'17 | 27°42 | 20°52 | 13°11 | 23° 6 | 13°54 | 25°37 | 22°45 | 29°44 | 3°20 | 16°36 | 14°46 | 8°30 | 15°52 | T 22 |
| W23 | 4 8 48 | 0♐46'44 | 9♐40 | 22° 7 | 14°10 | 23°50 | 13°56 | 25°40 | 22°49 | 29°43 | 3°19 | 16°29 | 14°43 | 8°37 | 15°52 | W23 |
| T 24 | 4 12 44 | 1°47'13 | 21°46 | 23°20 | 15° 9 | 24°34 | 13°57 | 25°42 | 22°52 | 29°43 | 3°18 | 16°20 | 14°39 | 8°44 | 15°51 | T 24 |
| F 25 | 4 16 41 | 2°47'44 | 4♑ 0 | 24°31 | 16° 8 | 25°19 | 13°58 | 25°45 | 22°56 | 29°42 | 3°17 | 16°11 | 14°36 | 8°50 | 15°51 | F 25 |
| S 26 | 4 20 37 | 3°48'16 | 16°24 | 25°40 | 17° 8 | 26° 4 | 13°59 | 25°47 | 22°59 | 29°41 | 3°16 | 16° 2 | 14°33 | 8°57 | 15°D51 | S 26 |
| S 27 | 4 24 34 | 4°48'49 | 29° 0 | 26°46 | 18° 9 | 26°48 | 14° 0 | 25°50 | 23° 3 | 29°40 | 3°15 | 15°55 | 14°30 | 9° 4 | 15°51 | S 27 |
| M28 | 4 28 31 | 5°49'23 | 11♒49 | 27°49 | 19°10 | 27°33 | 14° 0 | 25°53 | 23° 6 | 29°39 | 3°14 | 15°50 | 14°27 | 9°10 | 15°51 | M28 |
| T 29 | 4 32 27 | 6°49'59 | 24°54 | 28°49 | 20°11 | 28°18 | 14° 1 | 25°56 | 23°10 | 29°39 | 3°13 | 15°47 | 14°24 | 9°17 | 15°52 | T 29 |
| W30 | 4 36 24 | 7♐50'36 | 8♓17 | 29♐45 | 21♎13 | 29♐ 2 | 14°R 1 | 25♒59 | 23♐13 | 29♋38 | 3♋12 | 15°D47 | 14♎20 | 9♏23 | 15♓52 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s23 | 11s47 | 4n38 | 18s54 | 0s59 | 0n49 | 1s10 | 22s14 | 0s41 | 17n20 | 0n23 | 14s26 | 1s25 | 23s13 | 0s 6 | 19n36 | 0s33 | 16n20 | 7s 1 | 6s41 | 6s14 | 11s51 | 0s53 | 4n57 |
| W 2 | 14 42 | 8 11 | 3 56 | 19 24 | 1 6 | 0 40 | 1 1 | 22 21 | 0 41 | 17 19 | 0 23 | 14 26 | 1 25 | 23 13 | 0 6 | 19 36 | 0 33 | 16 20 | 7 1 | 6 41 | 6 13 | 11 53 | 0 54 | 4 57 |
| T 3 | 15 0 | 4 2 | 2 59 | 19 53 | 1 12 | 0 31 | 0 52 | 22 28 | 0 42 | 17 18 | 0 23 | 14 26 | 1 25 | 23 14 | 0 6 | 19 36 | 0 33 | 16 20 | 7 1 | 6 42 | 6 12 | 11 54 | 0 55 | 4 56 |
| F 4 | 15 19 | 0n29 | 1 48 | 20 21 | 1 18 | 0 21 | 0 44 | 22 35 | 0 42 | 17 16 | 0 23 | 14 26 | 1 25 | 23 14 | 0 6 | 19 36 | 0 33 | 16 20 | 7 1 | 6 42 | 6 10 | 11 56 | 0 55 | 4 56 |
| S 5 | 15 37 | 5 6 | 0 29 | 20 48 | 1 24 | 0 11 | 0 35 | 22 42 | 0 43 | 17 15 | 0 23 | 14 25 | 1 25 | 23 14 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 42 | 6 9 | 11 57 | 0 56 | 4 56 |
| S 6 | 15 55 | 9 30 | 0s53 | 21 14 | 1 30 | 0s 0 | 0 27 | 22 49 | 0 43 | 17 14 | 0 24 | 14 25 | 1 24 | 23 14 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 42 | 6 8 | 11 58 | 0 57 | 4 55 |
| M 7 | 16 13 | 13 19 | 2 13 | 21 40 | 1 36 | 0 12 | 0 19 | 22 55 | 0 44 | 17 13 | 0 24 | 14 25 | 1 24 | 23 14 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 42 | 6 7 | 12 0 | 0 58 | 4 55 |
| T 8 | 16 30 | 16 13 | 3 23 | 22 4 | 1 42 | 0 24 | 0 11 | 23 1 | 0 44 | 17 12 | 0 24 | 14 24 | 1 24 | 23 14 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 41 | 6 5 | 12 1 | 0 58 | 4 55 |
| W 9 | 16 48 | 17 57 | 4 18 | 22 27 | 1 47 | 0 36 | 0 3 | 23 7 | 0 45 | 17 11 | 0 24 | 14 24 | 1 24 | 23 15 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 39 | 6 4 | 12 3 | 0 59 | 4 54 |
| T 10 | 17 5 | 18 26 | 4 55 | 22 48 | 1 52 | 0 49 | 0n 4 | 23 12 | 0 45 | 17 10 | 0 24 | 14 23 | 1 24 | 23 15 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 37 | 6 3 | 12 4 | 1 0 | 4 54 |
| F 11 | 17 21 | 17 43 | 5 12 | 23 9 | 1 58 | 1 3 | 0 11 | 23 18 | 0 45 | 17 9 | 0 25 | 14 23 | 1 24 | 23 15 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 36 | 6 2 | 12 5 | 1 0 | 4 54 |
| S 12 | 17 38 | 15 56 | 5 10 | 23 29 | 2 2 | 1 17 | 0 18 | 23 23 | 0 46 | 17 8 | 0 25 | 14 22 | 1 24 | 23 15 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 34 | 6 1 | 12 7 | 1 1 | 4 53 |
| S 13 | 17 54 | 13 21 | 4 50 | 23 47 | 2 7 | 1 31 | 0 25 | 23 28 | 0 46 | 17 7 | 0 25 | 14 22 | 1 24 | 23 15 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 33 | 5 59 | 12 8 | 1 2 | 4 53 |
| M14 | 18 9 | 10 11 | 4 17 | 24 5 | 2 11 | 1 46 | 0 32 | 23 33 | 0 47 | 17 7 | 0 25 | 14 21 | 1 24 | 23 16 | 0 6 | 19 36 | 0 33 | 16 19 | 7 1 | 6 33 | 5 58 | 12 9 | 1 2 | 4 53 |
| T 15 | 18 25 | 6 38 | 3 32 | 24 21 | 2 15 | 2 2 | 0 38 | 23 37 | 0 47 | 17 6 | 0 25 | 14 21 | 1 24 | 23 16 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 33 | 5 57 | 12 11 | 1 3 | 4 52 |
| W16 | 18 40 | 2 53 | 2 38 | 24 35 | 2 19 | 2 17 | 0 45 | 23 42 | 0 48 | 17 5 | 0 25 | 14 20 | 1 24 | 23 16 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 34 | 5 56 | 12 12 | 1 3 | 4 52 |
| T 17 | 18 55 | 0s56 | 1 38 | 24 49 | 2 23 | 2 34 | 0 51 | 23 46 | 0 48 | 17 5 | 0 26 | 14 19 | 1 24 | 23 16 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 35 | 5 54 | 12 14 | 1 4 | 4 52 |
| F 18 | 19 9 | 4 39 | 0 35 | 25 1 | 2 26 | 2 50 | 0 57 | 23 50 | 0 49 | 17 4 | 0 26 | 14 19 | 1 24 | 23 16 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 35 | 5 53 | 12 15 | 1 5 | 4 51 |
| S 19 | 19 23 | 8 11 | 0n30 | 25 13 | 2 28 | 3 7 | 1 3 | 23 53 | 0 49 | 17 4 | 0 26 | 14 18 | 1 24 | 23 17 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 35 | 5 52 | 12 16 | 1 5 | 4 51 |
| S 20 | 19 37 | 11 23 | 1 32 | 25 22 | 2 31 | 3 24 | 1 8 | 23 56 | 0 49 | 17 3 | 0 26 | 14 17 | 1 23 | 23 17 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 35 | 5 51 | 12 18 | 1 6 | 4 50 |
| M21 | 19 50 | 14 8 | 2 31 | 25 31 | 2 33 | 3 41 | 1 13 | 24 0 | 0 50 | 17 3 | 0 26 | 14 16 | 1 23 | 23 17 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 33 | 5 49 | 12 19 | 1 6 | 4 50 |
| T 22 | 20 3 | 16 18 | 3 23 | 25 38 | 2 34 | 3 59 | 1 19 | 24 2 | 0 50 | 17 2 | 0 27 | 14 15 | 1 23 | 23 17 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 31 | 5 48 | 12 20 | 1 6 | 4 50 |
| W23 | 20 16 | 17 46 | 4 7 | 25 44 | 2 35 | 4 17 | 1 24 | 24 5 | 0 51 | 17 2 | 0 27 | 14 15 | 1 23 | 23 17 | 0 6 | 19 37 | 0 33 | 16 19 | 7 2 | 6 28 | 5 47 | 12 22 | 1 7 | 4 49 |
| T 24 | 20 28 | 18 28 | 4 40 | 25 48 | 2 35 | 4 36 | 1 28 | 24 7 | 0 51 | 17 2 | 0 27 | 14 14 | 1 23 | 23 18 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 25 | 5 46 | 12 23 | 1 7 | 4 49 |
| F 25 | 20 40 | 18 19 | 5 1 | 25 51 | 2 35 | 4 54 | 1 33 | 24 9 | 0 51 | 17 2 | 0 27 | 14 13 | 1 23 | 23 18 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 21 | 5 45 | 12 24 | 1 8 | 4 49 |
| S 26 | 20 52 | 17 17 | 5 8 | 25 53 | 2 34 | 5 13 | 1 37 | 24 11 | 0 52 | 17 2 | 0 27 | 14 12 | 1 23 | 23 18 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 18 | 5 43 | 12 26 | 1 8 | 4 48 |
| S 27 | 21 3 | 15 25 | 5 0 | 25 53 | 2 33 | 5 32 | 1 42 | 24 13 | 0 52 | 17 2 | 0 28 | 14 11 | 1 23 | 23 18 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 15 | 5 42 | 12 27 | 1 8 | 4 48 |
| M28 | 21 14 | 12 46 | 4 37 | 25 53 | 2 31 | 5 51 | 1 46 | 24 14 | 0 53 | 17 2 | 0 28 | 14 10 | 1 23 | 23 18 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 13 | 5 41 | 12 28 | 1 9 | 4 48 |
| T 29 | 21 24 | 9 26 | 3 59 | 25 50 | 2 28 | 6 10 | 1 50 | 24 15 | 0 53 | 17 2 | 0 28 | 14 9 | 1 23 | 23 19 | 0 6 | 19 38 | 0 33 | 16 19 | 7 2 | 6 12 | 5 40 | 12 30 | 1 9 | 4 47 |
| W30 | 21s34 | 5s32 | 3n 8 | 25s47 | 2s24 | 6s30 | 1n54 | 24s16 | 0s53 | 17n 2 | 0n28 | 14s 7 | 1s23 | 23s19 | 0s 6 | 19n39 | 0s33 | 16n19 | 7s 2 | 6s12 | 5s38 | 12s31 | 1s 9 | 4n47 |

Julian Day Number = 2599772.5, Delta T = 08m55s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'50, Lahiri = 29°31'52


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# ASTRODIENST EPHEMERIS for the year 2405
# geocentric

## DECEMBER 2405 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 40 20 | 8♐51'13 | 22♓ 0 | 0♑36 | 22♎15 | 29♐47 | 14°R 1 | 26♒ 2 | 23♐17 | 29°R37 | 3°R11 | 15♎47 | 14♎17 | 9♏30 | 15♓52 | T 1 |
| F 2 | 4 44 17 | 9°51'52 | 6♈ 4 | 1°22 | 23°17 | 0♑32 | 14♌ 1 | 26° 6 | 23°20 | 29♑36 | 3♋10 | 15°48 | 14°14 | 9°37 | 15°52 | F 2 |
| S 3 | 4 48 13 | 10°52'32 | 20°30 | 2° 3 | 24°20 | 1°17 | 14° 0 | 26° 9 | 23°24 | 29°35 | 3° 9 | 15°R48 | 14°11 | 9°43 | 15°53 | S 3 |
| S 4 | 4 52 10 | 11°53'13 | 5♉15 | 2°37 | 25°23 | 2° 2 | 14° 0 | 26°12 | 23°28 | 29°34 | 3° 8 | 15°47 | 14° 8 | 9°50 | 15°53 | S 4 |
| M 5 | 4 56 6 | 12°53'55 | 20°14 | 3° 4 | 26°27 | 2°47 | 13°59 | 26°16 | 23°31 | 29°33 | 3° 7 | 15°43 | 14° 4 | 9°57 | 15°54 | M 5 |
| T 6 | 5 0 3 | 13°54'39 | 5♊19 | 3°24 | 27°30 | 3°32 | 13°58 | 26°20 | 23°35 | 29°32 | 3° 6 | 15°36 | 14° 1 | 10° 3 | 15°54 | T 6 |
| W 7 | 5 4 0 | 14°55'23 | 20°20 | 3°34 | 28°35 | 4°17 | 13°57 | 26°23 | 23°39 | 29°31 | 3° 5 | 15°28 | 13°58 | 10°10 | 15°55 | W 7 |
| T 8 | 5 7 56 | 15°56'09 | 5♋ 8 | 3°R35 | 29°39 | 5° 3 | 13°55 | 26°27 | 23°42 | 29°30 | 3° 4 | 15°18 | 13°55 | 10°17 | 15°56 | T 8 |
| F 9 | 5 11 53 | 16°56'56 | 19°35 | 3°25 | 0♏44 | 5°48 | 13°54 | 26°31 | 23°46 | 29°28 | 3° 2 | 15° 8 | 13°52 | 10°23 | 15°57 | F 9 |
| S 10 | 5 15 49 | 17°57'45 | 3♌36 | 3° 5 | 1°49 | 6°33 | 13°52 | 26°35 | 23°49 | 29°27 | 3° 1 | 14°59 | 13°49 | 10°30 | 15°57 | S 10 |
| S 11 | 5 19 46 | 18°58'34 | 17° 7 | 2°34 | 2°54 | 7°19 | 13°50 | 26°39 | 23°53 | 29°26 | 3° 0 | 14°53 | 13°45 | 10°37 | 15°58 | S 11 |
| M12 | 5 23 42 | 19°59'25 | 0♍10 | 1°51 | 4° 0 | 8° 4 | 13°48 | 26°43 | 23°57 | 29°25 | 2°59 | 14°48 | 13°42 | 10°43 | 15°59 | M12 |
| T 13 | 5 27 39 | 21° 0'18 | 12°47 | 0°58 | 5° 6 | 8°49 | 13°45 | 26°47 | 24° 0 | 29°24 | 2°58 | 14°46 | 13°39 | 10°50 | 16° 0 | T 13 |
| W14 | 5 31 36 | 22° 1'11 | 25° 4 | 29♐54 | 6°12 | 9°35 | 13°43 | 26°52 | 24° 4 | 29°22 | 2°57 | 14°D46 | 13°36 | 10°57 | 16° 1 | W14 |
| T 15 | 5 35 32 | 23° 2'06 | 7♎ 5 | 28°43 | 7°19 | 10°21 | 13°40 | 26°56 | 24° 8 | 29°21 | 2°56 | 14°47 | 13°33 | 11° 3 | 16° 2 | T 15 |
| F 16 | 5 39 29 | 24° 3'02 | 18°57 | 27°25 | 8°25 | 11° 6 | 13°37 | 27° 0 | 24°11 | 29°20 | 2°54 | 14°R47 | 13°30 | 11°10 | 16° 4 | F 16 |
| S 17 | 5 43 25 | 25° 4'00 | 0♏44 | 26° 3 | 9°32 | 11°52 | 13°34 | 27° 5 | 24°15 | 29°18 | 2°53 | 14°45 | 13°26 | 11°17 | 16° 5 | S 17 |
| S 18 | 5 47 22 | 26° 4'58 | 12°31 | 24°40 | 10°39 | 12°38 | 13°30 | 27° 9 | 24°19 | 29°17 | 2°52 | 14°42 | 13°23 | 11°23 | 16° 6 | S 18 |
| M19 | 5 51 18 | 27° 5'57 | 24°22 | 23°18 | 11°47 | 13°23 | 13°27 | 27°14 | 24°22 | 29°16 | 2°51 | 14°35 | 13°20 | 11°30 | 16° 7 | M19 |
| T 20 | 5 55 15 | 28° 6'58 | 6♐20 | 22° 1 | 12°54 | 14° 9 | 13°23 | 27°19 | 24°26 | 29°14 | 2°50 | 14°26 | 13°17 | 11°37 | 16° 9 | T 20 |
| W21 | 5 59 11 | 29° 7'59 | 18°29 | 20°51 | 14° 2 | 14°55 | 13°19 | 27°24 | 24°30 | 29°13 | 2°48 | 14°14 | 13°14 | 11°43 | 16°10 | W21 |
| T 22 | 6 3 8 | 0♑ 9'01 | 0♑47 | 19°49 | 15°10 | 15°41 | 13°15 | 27°29 | 24°33 | 29°12 | 2°47 | 14° 1 | 13°10 | 11°50 | 16°12 | T 22 |
| F 23 | 6 7 5 | 1°10'04 | 13°18 | 18°57 | 16°18 | 16°27 | 13°11 | 27°34 | 24°37 | 29°10 | 2°46 | 13°46 | 13° 7 | 11°57 | 16°13 | F 23 |
| S 24 | 6 11 1 | 2°11'08 | 25°59 | 18°16 | 17°27 | 17°13 | 13° 6 | 27°39 | 24°41 | 29° 9 | 2°45 | 13°33 | 13° 4 | 12° 3 | 16°15 | S 24 |
| S 25 | 6 14 58 | 3°12'12 | 8♒52 | 17°46 | 18°35 | 17°59 | 13° 2 | 27°44 | 24°44 | 29° 7 | 2°44 | 13°22 | 13° 1 | 12°10 | 16°17 | S 25 |
| M26 | 6 18 54 | 4°13'16 | 21°56 | 17°27 | 19°44 | 18°45 | 12°57 | 27°49 | 24°48 | 29° 6 | 2°43 | 13°13 | 12°58 | 12°17 | 16°19 | M26 |
| T 27 | 6 22 51 | 5°14'21 | 5♓11 | 17°D18 | 20°53 | 19°31 | 12°52 | 27°54 | 24°52 | 29° 4 | 2°41 | 13° 7 | 12°55 | 12°23 | 16°20 | T 27 |
| W28 | 6 26 47 | 6°15'26 | 18°38 | 17°20 | 22° 2 | 20°18 | 12°47 | 28° 0 | 24°55 | 29° 3 | 2°40 | 13° 4 | 12°51 | 12°30 | 16°22 | W28 |
| T 29 | 6 30 44 | 7°16'31 | 2♈18 | 17°30 | 23°11 | 21° 4 | 12°41 | 28° 5 | 24°59 | 29° 1 | 2°39 | 13° 3 | 12°48 | 12°37 | 16°24 | T 29 |
| F 30 | 6 34 40 | 8°17'37 | 16°12 | 17°50 | 24°20 | 21°50 | 12°36 | 28°10 | 25° 2 | 29° 0 | 2°38 | 13° 3 | 12°45 | 12°43 | 16°26 | F 30 |
| S 31 | 6 38 37 | 9♑18'42 | 0♉21 | 18♐16 | 25♏30 | 22♑37 | 12♌30 | 28♒16 | 25♐ 6 | 28♋58 | 2♋37 | 13♎ 3 | 12♎42 | 12♏50 | 16♓28 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s44 | 1s16 | 2n 5 | 25s42 | 2s19 | 6s50 | 1n57 | 24s17 | 0s54 | 17n 2 | 0n28 | 14s 6 | 1s23 | 23s19 | 0s 6 | 19n39 | 0s33 | 16n19 | 7s 2 | 6s12 | 5s37 | 12s32 | 1s 9 | 4n47 |
| F 2 | 21 53 | 3n12 | 0 52 | 25 35 | 2 13 | 7 9 | 2 1 | 24 17 | 0 54 | 17 2 | 0 29 | 14 5 | 1 23 | 23 19 | 0 6 | 19 39 | 0 33 | 16 19 | 7 2 | 6 12 | 5 36 | 12 34 | 1 9 | 4 46 |
| S 3 | 22 1 | 7 36 | 0s25 | 25 28 | 2 6 | 7 29 | 2 4 | 24 17 | 0 54 | 17 3 | 0 29 | 14 4 | 1 22 | 23 19 | 0 6 | 19 39 | 0 33 | 16 19 | 7 2 | 6 12 | 5 35 | 12 35 | 1 10 | 4 46 |
| S 4 | 22 10 | 11 38 | 1 42 | 25 19 | 1 58 | 7 49 | 2 7 | 24 17 | 0 55 | 17 3 | 0 29 | 14 3 | 1 22 | 23 19 | 0 6 | 19 39 | 0 33 | 16 19 | 7 2 | 6 12 | 5 34 | 12 36 | 1 10 | 4 45 |
| M 5 | 22 18 | 14 58 | 2 54 | 25 9 | 1 48 | 8 10 | 2 10 | 24 16 | 0 55 | 17 4 | 0 29 | 14 1 | 1 22 | 23 20 | 0 6 | 19 40 | 0 33 | 16 19 | 7 2 | 6 10 | 5 32 | 12 38 | 1 10 | 4 45 |
| T 6 | 22 25 | 17 19 | 3 53 | 24 58 | 1 37 | 8 30 | 2 13 | 24 16 | 0 55 | 17 4 | 0 29 | 14 0 | 1 22 | 23 20 | 0 6 | 19 40 | 0 33 | 16 19 | 7 2 | 6 8 | 5 31 | 12 39 | 1 10 | 4 45 |
| W 7 | 22 32 | 18 27 | 4 36 | 24 45 | 1 25 | 8 50 | 2 15 | 24 15 | 0 56 | 17 5 | 0 30 | 13 59 | 1 22 | 23 20 | 0 6 | 19 40 | 0 33 | 16 19 | 7 2 | 6 4 | 5 30 | 12 40 | 1 10 | 4 44 |
| T 8 | 22 39 | 18 18 | 5 0 | 24 32 | 1 12 | 9 10 | 2 18 | 24 13 | 0 56 | 17 5 | 0 30 | 13 57 | 1 22 | 23 20 | 0 6 | 19 40 | 0 33 | 16 19 | 7 2 | 6 1 | 5 29 | 12 42 | 1 10 | 4 44 |
| F 9 | 22 45 | 16 57 | 5 3 | 24 17 | 0 57 | 9 31 | 2 20 | 24 12 | 0 56 | 17 6 | 0 30 | 13 56 | 1 22 | 23 20 | 0 6 | 19 40 | 0 33 | 16 19 | 7 2 | 5 57 | 5 27 | 12 43 | 1 10 | 4 44 |
| S 10 | 22 50 | 14 37 | 4 49 | 24 1 | 0 40 | 9 51 | 2 22 | 24 10 | 0 57 | 17 7 | 0 30 | 13 55 | 1 22 | 23 21 | 0 6 | 19 41 | 0 33 | 16 19 | 7 2 | 5 54 | 5 26 | 12 44 | 1 10 | 4 43 |
| S 11 | 22 56 | 11 34 | 4 18 | 23 44 | 0 23 | 10 11 | 2 24 | 24 8 | 0 57 | 17 7 | 0 30 | 13 53 | 1 22 | 23 21 | 0 6 | 19 41 | 0 33 | 16 19 | 7 2 | 5 51 | 5 25 | 12 45 | 1 10 | 4 43 |
| M12 | 23 0 | 8 2 | 3 35 | 23 26 | 0 4 | 10 32 | 2 26 | 24 6 | 0 57 | 17 8 | 0 31 | 13 52 | 1 22 | 23 21 | 0 6 | 19 41 | 0 33 | 16 19 | 7 2 | 5 49 | 5 24 | 12 47 | 1 10 | 4 43 |
| T 13 | 23 5 | 4 15 | 2 42 | 23 7 | 0n16 | 10 52 | 2 28 | 24 3 | 0 58 | 17 9 | 0 31 | 13 50 | 1 22 | 23 21 | 0 6 | 19 41 | 0 33 | 16 19 | 7 2 | 5 49 | 5 22 | 12 48 | 1 10 | 4 42 |
| W14 | 23 9 | 0 23 | 1 43 | 22 47 | 0 36 | 11 12 | 2 29 | 24 0 | 0 58 | 17 10 | 0 31 | 13 49 | 1 22 | 23 21 | 0 6 | 19 42 | 0 33 | 16 19 | 7 2 | 5 48 | 5 21 | 12 49 | 1 10 | 4 42 |
| T 15 | 23 12 | 3s26 | 0 41 | 22 27 | 0 56 | 11 33 | 2 31 | 23 57 | 0 58 | 17 11 | 0 31 | 13 47 | 1 22 | 23 21 | 0 6 | 19 42 | 0 33 | 16 19 | 7 2 | 5 49 | 5 20 | 12 51 | 1 10 | 4 42 |
| F 16 | 23 15 | 7 4 | 0n22 | 22 6 | 1 16 | 11 53 | 2 32 | 23 54 | 0 59 | 17 12 | 0 31 | 13 46 | 1 22 | 23 22 | 0 6 | 19 42 | 0 33 | 16 19 | 7 2 | 5 49 | 5 19 | 12 52 | 1 10 | 4 41 |
| S 17 | 23 18 | 10 23 | 1 24 | 21 45 | 1 35 | 12 13 | 2 33 | 23 50 | 0 59 | 17 13 | 0 32 | 13 44 | 1 22 | 23 22 | 0 6 | 19 43 | 0 33 | 16 19 | 7 2 | 5 48 | 5 18 | 12 53 | 1 10 | 4 41 |
| S 18 | 23 20 | 13 18 | 2 22 | 21 24 | 1 53 | 12 33 | 2 34 | 23 46 | 0 59 | 17 14 | 0 32 | 13 42 | 1 22 | 23 22 | 0 6 | 19 43 | 0 33 | 16 19 | 7 2 | 5 47 | 5 16 | 12 55 | 1 9 | 4 41 |
| M19 | 23 21 | 15 41 | 3 14 | 21 5 | 2 9 | 12 52 | 2 35 | 23 42 | 0 59 | 17 16 | 0 32 | 13 41 | 1 22 | 23 22 | 0 6 | 19 43 | 0 33 | 16 19 | 7 2 | 5 44 | 5 15 | 12 56 | 1 9 | 4 40 |
| T 20 | 23 22 | 17 25 | 3 58 | 20 47 | 2 22 | 13 12 | 2 36 | 23 37 | 1 0 | 17 17 | 0 32 | 13 39 | 1 21 | 23 22 | 0 6 | 19 43 | 0 33 | 16 19 | 7 2 | 5 41 | 5 14 | 12 57 | 1 9 | 4 40 |
| W21 | 23 23 | 18 23 | 4 31 | 20 31 | 2 34 | 13 31 | 2 36 | 23 33 | 1 0 | 17 18 | 0 32 | 13 37 | 1 21 | 23 22 | 0 6 | 19 44 | 0 33 | 16 19 | 7 2 | 5 36 | 5 13 | 12 58 | 1 9 | 4 40 |
| T 22 | 23 23 | 18 30 | 4 53 | 20 17 | 2 43 | 13 51 | 2 37 | 23 28 | 1 0 | 17 19 | 0 33 | 13 36 | 1 21 | 23 23 | 0 6 | 19 44 | 0 33 | 16 19 | 7 2 | 5 31 | 5 11 | 13 0 | 1 8 | 4 39 |
| F 23 | 23 23 | 17 44 | 5 1 | 20 6 | 2 50 | 14 10 | 2 37 | 23 22 | 1 0 | 17 21 | 0 33 | 13 34 | 1 21 | 23 23 | 0 6 | 19 44 | 0 33 | 16 20 | 7 2 | 5 25 | 5 10 | 13 1 | 1 8 | 4 39 |
| S 24 | 23 22 | 16 5 | 4 54 | 19 58 | 2 54 | 14 29 | 2 37 | 23 17 | 1 1 | 17 22 | 0 33 | 13 32 | 1 21 | 23 23 | 0 6 | 19 45 | 0 33 | 16 20 | 7 2 | 5 20 | 5 9 | 13 2 | 1 8 | 4 39 |
| S 25 | 23 21 | 13 38 | 4 32 | 19 53 | 2 57 | 14 48 | 2 37 | 23 11 | 1 1 | 17 24 | 0 33 | 13 30 | 1 21 | 23 23 | 0 6 | 19 45 | 0 33 | 16 20 | 7 2 | 5 16 | 5 8 | 13 4 | 1 7 | 4 38 |
| M26 | 23 19 | 10 27 | 3 55 | 19 51 | 2 57 | 15 6 | 2 37 | 23 5 | 1 1 | 17 25 | 0 33 | 13 28 | 1 21 | 23 23 | 0 6 | 19 45 | 0 33 | 16 20 | 7 2 | 5 12 | 5 6 | 13 5 | 1 7 | 4 38 |
| T 27 | 23 17 | 6 42 | 3 6 | 19 51 | 2 56 | 15 24 | 2 37 | 22 59 | 1 1 | 17 27 | 0 34 | 13 27 | 1 21 | 23 23 | 0 6 | 19 45 | 0 33 | 16 20 | 7 2 | 5 10 | 5 5 | 13 6 | 1 7 | 4 38 |
| W28 | 23 14 | 2 34 | 2 5 | 19 54 | 2 53 | 15 42 | 2 37 | 22 52 | 1 2 | 17 29 | 0 34 | 13 25 | 1 21 | 23 24 | 0 6 | 19 46 | 0 33 | 16 20 | 7 2 | 5 9 | 5 4 | 13 7 | 1 6 | 4 37 |
| T 29 | 23 11 | 1n47 | 0 57 | 19 59 | 2 50 | 16 0 | 2 37 | 22 45 | 1 2 | 17 30 | 0 34 | 13 23 | 1 21 | 23 24 | 0 6 | 19 46 | 0 33 | 16 20 | 7 2 | 5 9 | 5 3 | 13 9 | 1 6 | 4 37 |
| F 30 | 23 7 | 6 6 | 0s17 | 20 6 | 2 45 | 16 17 | 2 36 | 22 38 | 1 2 | 17 32 | 0 34 | 13 21 | 1 21 | 23 24 | 0 6 | 19 46 | 0 33 | 16 20 | 7 1 | 5 9 | 5 2 | 13 10 | 1 5 | 4 37 |
| S 31 | 23s 3 | 10n10 | 1s30 | 20s14 | 2n39 | 16s34 | 2n35 | 22s31 | 1s 2 | 17n34 | 0n34 | 13s19 | 1s21 | 23s24 | 0s 6 | 19n47 | 0s33 | 16n20 | 7s 1 | 5s 8 | 5s 0 | 13s11 | 1s 5 | 4n36 |

Julian Day Number = 2599802.5, Delta T = 08m56s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'55, Lahiri = 29°31'56


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## JANUARY 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 42 34 | 10♑19'48 | 14♉43 | 18♐50 | 26♏39 | 23♑23 | 12°R25 | 28♒21 | 25♐10 | 28°R56 | 2°R35 | 13°R 0 | 12♎39 | 12♏57 | 16♓30 | S 1 |
| M 2 | 6 46 30 | 11°20'54 | 29°17 | 19°30 | 27°49 | 24° 9 | 12♌19 | 28°27 | 25°13 | 28°55 | 2♋34 | 12♎55 | 12°36 | 13° 3 | 16°32 | M 2 |
| T 3 | 6 50 27 | 12°22'00 | 13♊58 | 20°16 | 28°59 | 24°56 | 12°13 | 28°33 | 25°17 | 28°53 | 2°33 | 12°47 | 12°32 | 13°10 | 16°34 | T 3 |
| W 4 | 6 54 23 | 13°23'06 | 28°38 | 21° 7 | 0♐ 9 | 25°42 | 12° 7 | 28°39 | 25°20 | 28°52 | 2°32 | 12°36 | 12°29 | 13°17 | 16°37 | W 4 |
| T 5 | 6 58 20 | 14°24'12 | 13♋11 | 22° 1 | 1°19 | 26°29 | 12° 0 | 28°44 | 25°24 | 28°50 | 2°31 | 12°24 | 12°26 | 13°23 | 16°39 | T 5 |
| F 6 | 7 2 16 | 15°25'18 | 27°28 | 23° 0 | 2°30 | 27°15 | 11°54 | 28°50 | 25°27 | 28°48 | 2°30 | 12°11 | 12°23 | 13°30 | 16°41 | F 6 |
| S 7 | 7 6 13 | 16°26'25 | 11♌24 | 24° 2 | 3°40 | 28° 2 | 11°47 | 28°56 | 25°31 | 28°47 | 2°29 | 12° 0 | 12°20 | 13°37 | 16°44 | S 7 |
| S 8 | 7 10 9 | 17°27'32 | 24°55 | 25° 8 | 4°51 | 28°48 | 11°41 | 29° 2 | 25°34 | 28°45 | 2°27 | 11°51 | 12°16 | 13°43 | 16°46 | S 8 |
| M 9 | 7 14 6 | 18°28'39 | 8♍ 0 | 26°16 | 6° 1 | 29°35 | 11°34 | 29° 8 | 25°38 | 28°43 | 2°26 | 11°44 | 12°13 | 13°50 | 16°49 | M 9 |
| T 10 | 7 18 3 | 19°29'46 | 20°41 | 27°26 | 7°12 | 0♒22 | 11°27 | 29°14 | 25°41 | 28°42 | 2°25 | 11°40 | 12°10 | 13°57 | 16°51 | T 10 |
| W11 | 7 21 59 | 20°30'54 | 3♎ 2 | 28°38 | 8°23 | 1° 8 | 11°20 | 29°20 | 25°45 | 28°40 | 2°24 | 11°39 | 12° 7 | 14° 3 | 16°54 | W11 |
| T 12 | 7 25 56 | 21°32'02 | 15° 6 | 29°53 | 9°34 | 1°55 | 11°13 | 29°27 | 25°48 | 28°38 | 2°23 | 11°39 | 12° 4 | 14°10 | 16°56 | T 12 |
| F 13 | 7 29 52 | 22°33'10 | 26°59 | 1♑ 9 | 10°45 | 2°42 | 11° 5 | 29°33 | 25°51 | 28°37 | 2°22 | 11°39 | 12° 1 | 14°17 | 16°59 | F 13 |
| S 14 | 7 33 49 | 23°34'18 | 8♏47 | 2°26 | 11°56 | 3°29 | 10°58 | 29°39 | 25°55 | 28°35 | 2°21 | 11°38 | 11°57 | 14°23 | 17° 2 | S 14 |
| S 15 | 7 37 45 | 24°35'26 | 20°36 | 3°45 | 13° 7 | 4°16 | 10°51 | 29°45 | 25°58 | 28°33 | 2°20 | 11°35 | 11°54 | 14°30 | 17° 4 | S 15 |
| M16 | 7 41 42 | 25°36'35 | 2♐30 | 5° 5 | 14°19 | 5° 3 | 10°43 | 29°52 | 26° 1 | 28°32 | 2°18 | 11°29 | 11°51 | 14°37 | 17° 7 | M16 |
| T 17 | 7 45 38 | 26°37'43 | 14°33 | 6°27 | 15°30 | 5°49 | 10°36 | 29°58 | 26° 5 | 28°30 | 2°17 | 11°21 | 11°48 | 14°43 | 17°10 | T 17 |
| W18 | 7 49 35 | 27°38'52 | 26°50 | 7°49 | 16°42 | 6°36 | 10°28 | 0♓ 5 | 26° 8 | 28°28 | 2°16 | 11°10 | 11°45 | 14°50 | 17°13 | W18 |
| T 19 | 7 53 32 | 28°40'00 | 9♑21 | 9°13 | 17°54 | 7°23 | 10°20 | 0°11 | 26°11 | 28°27 | 2°15 | 10°57 | 11°42 | 14°57 | 17°16 | T 19 |
| F 20 | 7 57 28 | 29°41'08 | 22° 7 | 10°37 | 19° 5 | 8°10 | 10°12 | 0°18 | 26°15 | 28°25 | 2°14 | 10°44 | 11°38 | 15° 3 | 17°19 | F 20 |
| S 21 | 8 1 25 | 0♒42'16 | 5♒ 9 | 12° 2 | 20°17 | 8°57 | 10° 5 | 0°24 | 26°18 | 28°23 | 2°13 | 10°31 | 11°35 | 15°10 | 17°22 | S 21 |
| S 22 | 8 5 21 | 1°43'23 | 18°24 | 13°28 | 21°29 | 9°45 | 9°57 | 0°31 | 26°21 | 28°21 | 2°12 | 10°21 | 11°32 | 15°17 | 17°25 | S 22 |
| M23 | 8 9 18 | 2°44'30 | 1♓51 | 14°55 | 22°41 | 10°32 | 9°49 | 0°38 | 26°24 | 28°20 | 2°11 | 10°12 | 11°29 | 15°23 | 17°28 | M23 |
| T 24 | 8 13 14 | 3°45'36 | 15°28 | 16°22 | 23°53 | 11°19 | 9°41 | 0°44 | 26°27 | 28°18 | 2°10 | 10° 7 | 11°26 | 15°30 | 17°31 | T 24 |
| W25 | 8 17 11 | 4°46'41 | 29°13 | 17°50 | 25° 5 | 12° 6 | 9°33 | 0°51 | 26°30 | 28°16 | 2° 9 | 10° 4 | 11°22 | 15°37 | 17°34 | W25 |
| T 26 | 8 21 7 | 5°47'46 | 13♈ 5 | 19°19 | 26°17 | 12°53 | 9°25 | 0°58 | 26°33 | 28°15 | 2° 8 | 10°D 4 | 11°19 | 15°43 | 17°37 | T 26 |
| F 27 | 8 25 4 | 6°48'50 | 27° 3 | 20°48 | 27°29 | 13°40 | 9°17 | 1° 5 | 26°36 | 28°13 | 2° 7 | 10° 4 | 11°16 | 15°50 | 17°40 | F 27 |
| S 28 | 8 29 1 | 7°49'52 | 11♉ 7 | 22°18 | 28°42 | 14°27 | 9° 9 | 1°11 | 26°39 | 28°11 | 2° 6 | 10°R 5 | 11°13 | 15°57 | 17°44 | S 28 |
| S 29 | 8 32 57 | 8°50'54 | 25°16 | 23°49 | 29°54 | 15°15 | 9° 1 | 1°18 | 26°42 | 28°10 | 2° 5 | 10° 3 | 11°10 | 16° 3 | 17°47 | S 29 |
| M30 | 8 36 54 | 9°51'55 | 9♊28 | 25°20 | 1♑ 6 | 16° 2 | 8°53 | 1°25 | 26°45 | 28° 8 | 2° 5 | 10° 0 | 11° 7 | 16°10 | 17°50 | M30 |
| T 31 | 8 40 50 | 10♒52'55 | 23♊42 | 26♑52 | 2♑19 | 16♒49 | 8♌45 | 1♓32 | 26♐48 | 28♋ 6 | 2♋ 4 | 9♎54 | 11♎ 3 | 16♏17 | 17♓53 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s59 | 13n41 | 2s39 | 20s23 | 2n32 | 16s51 | 2n35 | 22s23 | 1s 2 | 17n36 | 0n35 | 13s17 | 1s21 | 23s24 | 0s 6 | 19n47 | 0s33 | 16n20 | 7s 1 | 5s 7 | 4s59 | 13s12 | 1s 4 | 4n36 |
| M 2 | 22 54 | 16 24 | 3 38 | 20 33 | 2 25 | 17 8 | 2 34 | 22 16 | 1 3 | 17 37 | 0 35 | 13 15 | 1 21 | 23 24 | 0 6 | 19 47 | 0 33 | 16 20 | 7 1 | 5 5 | 4 58 | 13 14 | 1 4 | 4 36 |
| T 3 | 22 49 | 18 4 | 4 24 | 20 44 | 2 18 | 17 24 | 2 33 | 22 7 | 1 3 | 17 39 | 0 35 | 13 13 | 1 21 | 23 24 | 0 6 | 19 48 | 0 33 | 16 20 | 7 1 | 5 2 | 4 57 | 13 15 | 1 3 | 4 35 |
| W 4 | 22 43 | 18 31 | 4 52 | 20 56 | 2 10 | 17 40 | 2 32 | 21 59 | 1 3 | 17 41 | 0 35 | 13 11 | 1 21 | 23 25 | 0 6 | 19 48 | 0 33 | 16 21 | 7 1 | 4 58 | 4 55 | 13 16 | 1 3 | 4 35 |
| T 5 | 22 36 | 17 45 | 5 0 | 21 7 | 2 2 | 17 55 | 2 31 | 21 51 | 1 3 | 17 43 | 0 35 | 13 9 | 1 21 | 23 25 | 0 6 | 19 48 | 0 33 | 16 21 | 7 1 | 4 53 | 4 54 | 13 17 | 1 2 | 4 35 |
| F 6 | 22 30 | 15 53 | 4 50 | 21 19 | 1 53 | 18 10 | 2 29 | 21 42 | 1 3 | 17 45 | 0 35 | 13 7 | 1 21 | 23 25 | 0 6 | 19 49 | 0 33 | 16 21 | 7 1 | 4 48 | 4 53 | 13 19 | 1 2 | 4 34 |
| S 7 | 22 22 | 13 7 | 4 22 | 21 31 | 1 44 | 18 25 | 2 28 | 21 33 | 1 3 | 17 47 | 0 36 | 13 5 | 1 21 | 23 25 | 0 6 | 19 49 | 0 33 | 16 21 | 7 1 | 4 44 | 4 52 | 13 20 | 1 1 | 4 34 |
| S 8 | 22 15 | 9 43 | 3 40 | 21 42 | 1 36 | 18 39 | 2 27 | 21 23 | 1 4 | 17 49 | 0 36 | 13 3 | 1 21 | 23 25 | 0 6 | 19 49 | 0 33 | 16 21 | 7 1 | 4 40 | 4 50 | 13 21 | 1 0 | 4 34 |
| M 9 | 22 7 | 5 57 | 2 48 | 21 53 | 1 27 | 18 53 | 2 25 | 21 14 | 1 4 | 17 51 | 0 36 | 13 1 | 1 21 | 23 25 | 0 6 | 19 50 | 0 33 | 16 21 | 7 1 | 4 38 | 4 49 | 13 22 | 1 0 | 4 34 |
| T 10 | 21 58 | 2 1 | 1 49 | 22 3 | 1 18 | 19 6 | 2 23 | 21 4 | 1 4 | 17 53 | 0 36 | 12 58 | 1 21 | 23 25 | 0 6 | 19 50 | 0 33 | 16 21 | 7 1 | 4 36 | 4 48 | 13 24 | 0 59 | 4 33 |
| W11 | 21 49 | 1s54 | 0 46 | 22 13 | 1 9 | 19 19 | 2 22 | 20 54 | 1 4 | 17 55 | 0 36 | 12 56 | 1 21 | 23 25 | 0 7 | 19 50 | 0 33 | 16 21 | 7 1 | 4 36 | 4 47 | 13 25 | 0 58 | 4 33 |
| T 12 | 21 40 | 5 39 | 0n18 | 22 22 | 1 1 | 19 32 | 2 20 | 20 44 | 1 4 | 17 57 | 0 36 | 12 54 | 1 21 | 23 26 | 0 7 | 19 51 | 0 33 | 16 21 | 7 0 | 4 36 | 4 45 | 13 26 | 0 57 | 4 33 |
| F 13 | 21 30 | 9 7 | 1 20 | 22 31 | 0 52 | 19 44 | 2 18 | 20 33 | 1 4 | 18 0 | 0 37 | 12 52 | 1 21 | 23 26 | 0 7 | 19 51 | 0 33 | 16 22 | 7 0 | 4 36 | 4 44 | 13 27 | 0 57 | 4 32 |
| S 14 | 21 20 | 12 12 | 2 19 | 22 38 | 0 43 | 19 55 | 2 16 | 20 22 | 1 4 | 18 2 | 0 37 | 12 50 | 1 21 | 23 26 | 0 7 | 19 52 | 0 33 | 16 22 | 7 0 | 4 35 | 4 43 | 13 29 | 0 56 | 4 32 |
| S 15 | 21 9 | 14 47 | 3 11 | 22 45 | 0 35 | 20 6 | 2 14 | 20 11 | 1 4 | 18 4 | 0 37 | 12 47 | 1 21 | 23 26 | 0 7 | 19 52 | 0 33 | 16 22 | 7 0 | 4 34 | 4 42 | 13 30 | 0 55 | 4 32 |
| M16 | 20 58 | 16 46 | 3 55 | 22 51 | 0 26 | 20 17 | 2 12 | 20 0 | 1 4 | 18 6 | 0 37 | 12 45 | 1 21 | 23 26 | 0 7 | 19 52 | 0 33 | 16 22 | 7 0 | 4 32 | 4 41 | 13 31 | 0 54 | 4 32 |
| T 17 | 20 47 | 18 2 | 4 30 | 22 56 | 0 18 | 20 27 | 2 10 | 19 49 | 1 5 | 18 8 | 0 37 | 12 43 | 1 21 | 23 26 | 0 7 | 19 53 | 0 33 | 16 22 | 7 0 | 4 29 | 4 39 | 13 32 | 0 53 | 4 31 |
| W18 | 20 35 | 18 29 | 4 52 | 22 59 | 0 10 | 20 36 | 2 7 | 19 37 | 1 5 | 18 11 | 0 37 | 12 41 | 1 21 | 23 26 | 0 7 | 19 53 | 0 33 | 16 22 | 7 0 | 4 24 | 4 38 | 13 33 | 0 53 | 4 31 |
| T 19 | 20 23 | 18 3 | 5 1 | 23 2 | 0 2 | 20 45 | 2 5 | 19 25 | 1 5 | 18 13 | 0 38 | 12 38 | 1 21 | 23 26 | 0 7 | 19 53 | 0 33 | 16 22 | 7 0 | 4 20 | 4 37 | 13 35 | 0 52 | 4 31 |
| F 20 | 20 10 | 16 42 | 4 56 | 23 4 | 0s 6 | 20 54 | 2 3 | 19 13 | 1 5 | 18 15 | 0 38 | 12 36 | 1 21 | 23 26 | 0 7 | 19 54 | 0 33 | 16 22 | 7 0 | 4 14 | 4 36 | 13 36 | 0 51 | 4 30 |
| S 21 | 19 57 | 14 30 | 4 35 | 23 4 | 0 14 | 21 2 | 2 0 | 19 1 | 1 5 | 18 17 | 0 38 | 12 34 | 1 21 | 23 27 | 0 7 | 19 54 | 0 33 | 16 23 | 6 59 | 4 9 | 4 34 | 13 37 | 0 50 | 4 30 |
| S 22 | 19 44 | 11 30 | 3 58 | 23 3 | 0 21 | 21 9 | 1 58 | 18 49 | 1 5 | 18 20 | 0 38 | 12 31 | 1 21 | 23 27 | 0 7 | 19 54 | 0 33 | 16 23 | 6 59 | 4 5 | 4 33 | 13 38 | 0 49 | 4 30 |
| M23 | 19 30 | 7 51 | 3 8 | 23 1 | 0 28 | 21 16 | 1 55 | 18 36 | 1 5 | 18 22 | 0 38 | 12 29 | 1 21 | 23 27 | 0 7 | 19 55 | 0 33 | 16 23 | 6 59 | 4 2 | 4 32 | 13 40 | 0 48 | 4 30 |
| T 24 | 19 16 | 3 46 | 2 7 | 22 58 | 0 35 | 21 22 | 1 53 | 18 23 | 1 5 | 18 24 | 0 38 | 12 27 | 1 21 | 23 27 | 0 7 | 19 55 | 0 33 | 16 23 | 6 59 | 4 0 | 4 31 | 13 41 | 0 47 | 4 29 |
| W25 | 19 2 | 0n34 | 0 58 | 22 54 | 0 42 | 21 28 | 1 50 | 18 10 | 1 5 | 18 26 | 0 38 | 12 24 | 1 21 | 23 27 | 0 7 | 19 55 | 0 33 | 16 23 | 6 59 | 3 59 | 4 29 | 13 42 | 0 46 | 4 29 |
| T 26 | 18 47 | 4 54 | 0s16 | 22 48 | 0 49 | 21 33 | 1 47 | 17 57 | 1 5 | 18 29 | 0 39 | 12 22 | 1 21 | 23 27 | 0 7 | 19 56 | 0 33 | 16 23 | 6 59 | 3 59 | 4 28 | 13 43 | 0 45 | 4 29 |
| F 27 | 18 32 | 9 0 | 1 29 | 22 42 | 0 55 | 21 37 | 1 44 | 17 43 | 1 5 | 18 31 | 0 39 | 12 19 | 1 21 | 23 27 | 0 7 | 19 56 | 0 33 | 16 23 | 6 59 | 3 59 | 4 27 | 13 44 | 0 44 | 4 29 |
| S 28 | 18 16 | 12 38 | 2 38 | 22 33 | 1 2 | 21 41 | 1 41 | 17 30 | 1 5 | 18 33 | 0 39 | 12 17 | 1 21 | 23 27 | 0 7 | 19 56 | 0 33 | 16 24 | 6 58 | 3 59 | 4 26 | 13 46 | 0 43 | 4 29 |
| S 29 | 18 0 | 15 31 | 3 37 | 22 24 | 1 8 | 21 44 | 1 39 | 17 16 | 1 5 | 18 35 | 0 39 | 12 14 | 1 21 | 23 27 | 0 7 | 19 57 | 0 33 | 16 24 | 6 58 | 3 58 | 4 24 | 13 47 | 0 42 | 4 28 |
| M30 | 17 44 | 17 29 | 4 23 | 22 13 | 1 13 | 21 47 | 1 36 | 17 2 | 1 5 | 18 38 | 0 39 | 12 12 | 1 21 | 23 27 | 0 7 | 19 57 | 0 33 | 16 24 | 6 58 | 3 57 | 4 23 | 13 48 | 0 41 | 4 28 |
| T 31 | 17s28 | 18n22 | 4s53 | 22s 2 | 1s19 | 21s49 | 1n33 | 16s48 | 1s 5 | 18n40 | 0n39 | 12s10 | 1s21 | 23s27 | 0s 7 | 19n57 | 0s33 | 16n24 | 6s58 | 3s55 | 4s22 | 13s49 | 0s40 | 4n28 |

Julian Day Number = 2599833.5, Delta T = 08m56s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°24'59, Lahiri = 29°32'00


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## FEBRUARY 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 44 47 | 11♒53'54 | 7♋54 | 28♉25 | 3♉31 | 17♒36 | 8°R37 | 1♓39 | 26♐51 | 28°R 5 | 2°R 3 | 9°R46 | 11♎ 0 | 16♏23 | 17♓57 | W 1 |
| T 2 | 8 48 43 | 12°54'52 | 21°59 | 29°58 | 4°44 | 18°24 | 8♌29 | 1°46 | 26°54 | 28♋ 3 | 2♋ 2 | 9♎36 | 10°57 | 16°30 | 18° 0 | T 2 |
| F 3 | 8 52 40 | 13°55'49 | 5♌52 | 1♒32 | 5°56 | 19°11 | 8°21 | 1°53 | 26°57 | 28° 2 | 2° 1 | 9°26 | 10°54 | 16°37 | 18° 4 | F 3 |
| S 4 | 8 56 36 | 14°56'45 | 19°29 | 3° 6 | 7° 9 | 19°58 | 8°13 | 2° 0 | 26°59 | 28° 0 | 2° 0 | 9°17 | 10°51 | 16°43 | 18° 7 | S 4 |
| S 5 | 9 0 33 | 15°57'40 | 2♍47 | 4°41 | 8°22 | 20°45 | 8° 5 | 2° 7 | 27° 2 | 27°58 | 1°59 | 9°10 | 10°48 | 16°50 | 18°11 | S 5 |
| M 6 | 9 4 30 | 16°58'35 | 15°46 | 6°17 | 9°34 | 21°33 | 7°57 | 2°14 | 27° 5 | 27°57 | 1°59 | 9° 5 | 10°44 | 16°57 | 18°14 | M 6 |
| T 7 | 9 8 26 | 17°59'28 | 28°24 | 7°53 | 10°47 | 22°20 | 7°49 | 2°21 | 27° 7 | 27°55 | 1°58 | 9° 2 | 10°41 | 17° 3 | 18°18 | T 7 |
| W 8 | 9 12 23 | 19° 0'21 | 10♎44 | 9°31 | 12° 0 | 23° 7 | 7°41 | 2°28 | 27°10 | 27°54 | 1°57 | 9°D 1 | 10°38 | 17°10 | 18°21 | W 8 |
| T 9 | 9 16 19 | 20° 1'13 | 22°49 | 11° 8 | 13°13 | 23°55 | 7°34 | 2°35 | 27°13 | 27°52 | 1°56 | 9° 2 | 10°35 | 17°17 | 18°25 | T 9 |
| F 10 | 9 20 16 | 21° 2'04 | 4♏45 | 12°47 | 14°26 | 24°42 | 7°26 | 2°43 | 27°15 | 27°50 | 1°56 | 9° 4 | 10°32 | 17°23 | 18°28 | F 10 |
| S 11 | 9 24 12 | 22° 2'54 | 16°34 | 14°26 | 15°39 | 25°30 | 7°18 | 2°50 | 27°18 | 27°49 | 1°55 | 9°R 5 | 10°28 | 17°30 | 18°32 | S 11 |
| S 12 | 9 28 9 | 23° 3'43 | 28°24 | 16° 6 | 16°52 | 26°17 | 7°11 | 2°57 | 27°20 | 27°47 | 1°54 | 9° 5 | 10°25 | 17°37 | 18°36 | S 12 |
| M13 | 9 32 5 | 24° 4'32 | 10♐20 | 17°47 | 18° 5 | 27° 4 | 7° 3 | 3° 4 | 27°22 | 27°46 | 1°53 | 9° 3 | 10°22 | 17°43 | 18°39 | M13 |
| T 14 | 9 36 2 | 25° 5'19 | 22°25 | 19°29 | 19°18 | 27°52 | 6°56 | 3°11 | 27°25 | 27°44 | 1°53 | 8°59 | 10°19 | 17°50 | 18°43 | T 14 |
| W15 | 9 39 59 | 26° 6'06 | 4♑45 | 21°11 | 20°31 | 28°39 | 6°49 | 3°19 | 27°27 | 27°43 | 1°52 | 8°54 | 10°16 | 17°57 | 18°47 | W15 |
| T 16 | 9 43 55 | 27° 6'52 | 17°22 | 22°54 | 21°44 | 29°27 | 6°42 | 3°26 | 27°30 | 27°42 | 1°52 | 8°47 | 10°13 | 18° 3 | 18°51 | T 16 |
| F 17 | 9 47 52 | 28° 7'36 | 0♒19 | 24°38 | 22°57 | 0♓14 | 6°35 | 3°33 | 27°32 | 27°40 | 1°51 | 8°40 | 10° 9 | 18°10 | 18°54 | F 17 |
| S 18 | 9 51 48 | 29° 8'20 | 13°36 | 26°23 | 24°10 | 1° 2 | 6°28 | 3°40 | 27°34 | 27°39 | 1°50 | 8°33 | 10° 6 | 18°17 | 18°58 | S 18 |
| S 19 | 9 55 45 | 0♓ 9'02 | 27°11 | 28° 9 | 25°24 | 1°49 | 6°21 | 3°47 | 27°36 | 27°37 | 1°50 | 8°27 | 10° 3 | 18°23 | 19° 2 | S 19 |
| M20 | 9 59 41 | 1° 9'42 | 11♓ 3 | 29°55 | 26°37 | 2°37 | 6°14 | 3°55 | 27°38 | 27°36 | 1°49 | 8°22 | 10° 0 | 18°30 | 19° 6 | M20 |
| T 21 | 10 3 38 | 2°10'21 | 25° 7 | 1♓42 | 27°50 | 3°24 | 6° 8 | 4° 2 | 27°40 | 27°35 | 1°49 | 8°19 | 9°57 | 18°37 | 19°10 | T 21 |
| W22 | 10 7 34 | 3°10'59 | 9♈19 | 3°30 | 29° 4 | 4°12 | 6° 1 | 4° 9 | 27°42 | 27°33 | 1°48 | 8°D19 | 9°53 | 18°44 | 19°13 | W22 |
| T 23 | 10 11 31 | 4°11'35 | 23°35 | 5°19 | 0♒17 | 4°59 | 5°55 | 4°16 | 27°44 | 27°32 | 1°48 | 8°19 | 9°50 | 18°50 | 19°17 | T 23 |
| F 24 | 10 15 28 | 5°12'10 | 7♉52 | 7° 9 | 1°30 | 5°46 | 5°49 | 4°24 | 27°46 | 27°31 | 1°47 | 8°21 | 9°47 | 18°57 | 19°21 | F 24 |
| S 25 | 10 19 24 | 6°12'42 | 22° 6 | 8°59 | 2°44 | 6°34 | 5°43 | 4°31 | 27°48 | 27°29 | 1°47 | 8°22 | 9°44 | 19° 4 | 19°25 | S 25 |
| S 26 | 10 23 21 | 7°13'13 | 6♊16 | 10°50 | 3°57 | 7°21 | 5°37 | 4°38 | 27°50 | 27°28 | 1°46 | 8°R23 | 9°41 | 19°10 | 19°29 | S 26 |
| M27 | 10 27 17 | 8°13'42 | 20°20 | 12°42 | 5°10 | 8° 9 | 5°31 | 4°45 | 27°52 | 27°27 | 1°46 | 8°22 | 9°38 | 19°17 | 19°33 | M27 |
| T 28 | 10 31 14 | 9♓14'09 | 4♋16 | 14♓34 | 6♒24 | 8♓56 | 5♌25 | 4♓53 | 27♐54 | 27♋26 | 1♋46 | 8♎20 | 9♎34 | 19♏24 | 19♓37 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s11 | 18n 5 | 5s 5 | 21s48 | 1s24 | 21s51 | 1n30 | 16s33 | 1s 5 | 18n42 | 0n39 | 12s 7 | 1s21 | 23s28 | 0s 7 | 19n58 | 0s33 | 16n24 | 6s58 | 3s52 | 4s21 | 13s50 | 0s39 | 4n28 |
| T 2 | 16 54 | 16 42 | 4 58 | 21 34 | 1 29 | 21 51 | 1 27 | 16 19 | 1 5 | 18 44 | 0 39 | 12 5 | 1 21 | 23 28 | 0 7 | 19 58 | 0 33 | 16 24 | 6 58 | 3 48 | 4 19 | 13 51 | 0 38 | 4 27 |
| F 3 | 16 37 | 14 20 | 4 33 | 21 18 | 1 34 | 21 52 | 1 24 | 16 4 | 1 5 | 18 46 | 0 40 | 12 2 | 1 21 | 23 28 | 0 7 | 19 58 | 0 33 | 16 25 | 6 58 | 3 44 | 4 18 | 13 53 | 0 36 | 4 27 |
| S 4 | 16 19 | 11 14 | 3 54 | 21 1 | 1 38 | 21 51 | 1 20 | 15 49 | 1 5 | 18 49 | 0 40 | 12 0 | 1 21 | 23 28 | 0 7 | 19 59 | 0 33 | 16 25 | 6 57 | 3 40 | 4 17 | 13 54 | 0 35 | 4 27 |
| S 5 | 16 1 | 7 37 | 3 2 | 20 42 | 1 42 | 21 50 | 1 17 | 15 34 | 1 5 | 18 51 | 0 40 | 11 57 | 1 21 | 23 28 | 0 7 | 19 59 | 0 33 | 16 25 | 6 57 | 3 37 | 4 16 | 13 55 | 0 34 | 4 27 |
| M 6 | 15 43 | 3 44 | 2 2 | 20 22 | 1 46 | 21 48 | 1 14 | 15 19 | 1 5 | 18 53 | 0 40 | 11 55 | 1 21 | 23 28 | 0 7 | 19 59 | 0 33 | 16 25 | 6 57 | 3 35 | 4 14 | 13 56 | 0 33 | 4 27 |
| T 7 | 15 24 | 0s14 | 0 57 | 20 1 | 1 50 | 21 46 | 1 11 | 15 3 | 1 5 | 18 55 | 0 40 | 11 52 | 1 21 | 23 28 | 0 7 | 20 0 | 0 33 | 16 25 | 6 57 | 3 34 | 4 13 | 13 57 | 0 32 | 4 26 |
| W 8 | 15 5 | 4 6 | 0n 9 | 19 39 | 1 53 | 21 43 | 1 8 | 14 48 | 1 5 | 18 57 | 0 40 | 11 50 | 1 21 | 23 28 | 0 7 | 20 0 | 0 33 | 16 25 | 6 57 | 3 34 | 4 12 | 13 59 | 0 30 | 4 26 |
| T 9 | 14 46 | 7 43 | 1 14 | 19 15 | 1 56 | 21 39 | 1 5 | 14 32 | 1 5 | 18 59 | 0 40 | 11 47 | 1 21 | 23 28 | 0 7 | 20 0 | 0 33 | 16 26 | 6 57 | 3 34 | 4 11 | 14 0 | 0 29 | 4 26 |
| F 10 | 14 27 | 10 58 | 2 14 | 18 50 | 1 58 | 21 35 | 1 1 | 14 16 | 1 5 | 19 1 | 0 40 | 11 45 | 1 21 | 23 28 | 0 7 | 20 1 | 0 33 | 16 26 | 6 56 | 3 35 | 4 9 | 14 1 | 0 28 | 4 26 |
| S 11 | 14 8 | 13 44 | 3 9 | 18 23 | 2 1 | 21 30 | 0 58 | 14 0 | 1 5 | 19 3 | 0 40 | 11 42 | 1 21 | 23 28 | 0 7 | 20 1 | 0 33 | 16 26 | 6 56 | 3 35 | 4 8 | 14 2 | 0 27 | 4 26 |
| S 12 | 13 48 | 15 56 | 3 55 | 17 55 | 2 2 | 21 25 | 0 55 | 13 44 | 1 4 | 19 5 | 0 40 | 11 39 | 1 21 | 23 28 | 0 7 | 20 1 | 0 33 | 16 26 | 6 56 | 3 35 | 4 7 | 14 3 | 0 26 | 4 25 |
| M13 | 13 28 | 17 28 | 4 32 | 17 26 | 2 4 | 21 19 | 0 52 | 13 28 | 1 4 | 19 7 | 0 40 | 11 37 | 1 21 | 23 28 | 0 7 | 20 2 | 0 33 | 16 26 | 6 56 | 3 35 | 4 6 | 14 4 | 0 24 | 4 25 |
| T 14 | 13 8 | 18 14 | 4 57 | 16 55 | 2 5 | 21 12 | 0 48 | 13 12 | 1 4 | 19 9 | 0 41 | 11 34 | 1 21 | 23 28 | 0 7 | 20 2 | 0 33 | 16 27 | 6 56 | 3 33 | 4 5 | 14 6 | 0 23 | 4 25 |
| W15 | 12 47 | 18 10 | 5 9 | 16 23 | 2 6 | 21 5 | 0 45 | 12 55 | 1 4 | 19 11 | 0 41 | 11 32 | 1 21 | 23 29 | 0 7 | 20 2 | 0 33 | 16 27 | 6 56 | 3 31 | 4 3 | 14 7 | 0 22 | 4 25 |
| T 16 | 12 27 | 17 12 | 5 6 | 15 50 | 2 6 | 20 57 | 0 42 | 12 38 | 1 4 | 19 13 | 0 41 | 11 29 | 1 21 | 23 29 | 0 7 | 20 3 | 0 32 | 16 27 | 6 55 | 3 29 | 4 2 | 14 8 | 0 20 | 4 25 |
| F 17 | 12 6 | 15 21 | 4 48 | 15 15 | 2 6 | 20 48 | 0 39 | 12 22 | 1 4 | 19 15 | 0 41 | 11 27 | 1 21 | 23 29 | 0 7 | 20 3 | 0 32 | 16 27 | 6 55 | 3 26 | 4 1 | 14 9 | 0 19 | 4 25 |
| S 18 | 11 45 | 12 39 | 4 14 | 14 39 | 2 5 | 20 39 | 0 35 | 12 5 | 1 4 | 19 16 | 0 41 | 11 24 | 1 21 | 23 29 | 0 7 | 20 3 | 0 32 | 16 27 | 6 55 | 3 23 | 4 0 | 14 10 | 0 18 | 4 25 |
| S 19 | 11 24 | 9 12 | 3 25 | 14 2 | 2 4 | 20 29 | 0 32 | 11 48 | 1 4 | 19 18 | 0 41 | 11 21 | 1 21 | 23 29 | 0 7 | 20 4 | 0 32 | 16 27 | 6 55 | 3 20 | 3 58 | 14 11 | 0 16 | 4 24 |
| M20 | 11 2 | 5 12 | 2 23 | 13 24 | 2 3 | 20 19 | 0 29 | 11 31 | 1 3 | 19 20 | 0 41 | 11 19 | 1 21 | 23 29 | 0 7 | 20 4 | 0 32 | 16 28 | 6 55 | 3 19 | 3 57 | 14 12 | 0 15 | 4 24 |
| T 21 | 10 41 | 0 51 | 1 11 | 12 44 | 2 1 | 20 8 | 0 25 | 11 13 | 1 3 | 19 22 | 0 41 | 11 16 | 1 21 | 23 29 | 0 7 | 20 4 | 0 32 | 16 28 | 6 54 | 3 18 | 3 56 | 14 14 | 0 14 | 4 24 |
| W22 | 10 19 | 3n36 | 0s 5 | 12 2 | 1 59 | 19 56 | 0 22 | 10 56 | 1 3 | 19 23 | 0 41 | 11 14 | 1 21 | 23 29 | 0 7 | 20 4 | 0 32 | 16 28 | 6 54 | 3 17 | 3 55 | 14 15 | 0 12 | 4 24 |
| T 23 | 9 57 | 7 52 | 1 23 | 11 20 | 1 56 | 19 44 | 0 19 | 10 38 | 1 3 | 19 25 | 0 41 | 11 11 | 1 21 | 23 29 | 0 7 | 20 5 | 0 32 | 16 28 | 6 54 | 3 18 | 3 53 | 14 16 | 0 11 | 4 24 |
| F 24 | 9 35 | 11 40 | 2 35 | 10 36 | 1 52 | 19 31 | 0 16 | 10 21 | 1 3 | 19 26 | 0 41 | 11 8 | 1 21 | 23 29 | 0 7 | 20 5 | 0 32 | 16 28 | 6 54 | 3 18 | 3 52 | 14 17 | 0 10 | 4 24 |
| S 25 | 9 13 | 14 45 | 3 37 | 9 51 | 1 48 | 19 18 | 0 13 | 10 3 | 1 3 | 19 28 | 0 41 | 11 6 | 1 22 | 23 29 | 0 7 | 20 5 | 0 32 | 16 29 | 6 54 | 3 19 | 3 51 | 14 18 | 0 8 | 4 24 |
| S 26 | 8 50 | 16 57 | 4 26 | 9 5 | 1 43 | 19 4 | 0 9 | 9 45 | 1 2 | 19 29 | 0 41 | 11 3 | 1 22 | 23 29 | 0 7 | 20 5 | 0 32 | 16 29 | 6 54 | 3 19 | 3 50 | 14 19 | 0 7 | 4 23 |
| M27 | 8 28 | 18 5 | 4 58 | 8 18 | 1 38 | 18 50 | 0 6 | 9 28 | 1 2 | 19 31 | 0 41 | 11 1 | 1 22 | 23 29 | 0 7 | 20 6 | 0 32 | 16 29 | 6 53 | 3 19 | 3 48 | 14 20 | 0 5 | 4 23 |
| T 28 | 8s 5 | 18n 7 | 5s12 | 7s29 | 1s33 | 18s35 | 0n 3 | 9s10 | 1s 2 | 19n32 | 0n41 | 10s58 | 1s22 | 23s29 | 0s 7 | 20n 6 | 0s32 | 16n29 | 6s53 | 3s18 | 3s47 | 14s21 | 0s 4 | 4n23 |

Julian Day Number = 2599864.5, Delta T = 08m56s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'03, Lahiri = 29°32'05


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## MARCH 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 35 10 | 10♓14'35 | 18♋ 4 | 16♓27 | 7♒37 | 9♓44 | 5°R20 | 5♓ 0 | 27♐55 | 27°R25 | 1°R45 | 8°R17 | 9♎31 | 19♏30 | 19♓41 | W 1 |
| T 2 | 10 39 7 | 11°14'58 | 1♌41 | 18°20 | 8°51 | 10°31 | 5♌14 | 5° 7 | 27°57 | 27♋24 | 1♋45 | 8♎13 | 9°28 | 19°37 | 19°45 | T 2 |
| F 3 | 10 43 3 | 12°15'20 | 15° 6 | 20°13 | 10° 4 | 11°18 | 5° 9 | 5°14 | 27°58 | 27°22 | 1°45 | 8° 9 | 9°25 | 19°44 | 19°49 | F 3 |
| S 4 | 10 47 0 | 13°15'39 | 28°17 | 22° 6 | 11°18 | 12° 6 | 5° 4 | 5°22 | 28° 0 | 27°21 | 1°44 | 8° 5 | 9°22 | 19°50 | 19°53 | S 4 |
| S 5 | 10 50 57 | 14°15'57 | 11♍14 | 23°59 | 12°31 | 12°53 | 5° 0 | 5°29 | 28° 2 | 27°20 | 1°44 | 8° 2 | 9°19 | 19°57 | 19°57 | S 5 |
| M 6 | 10 54 53 | 15°16'14 | 23°56 | 25°51 | 13°45 | 13°41 | 4°55 | 5°36 | 28° 3 | 27°19 | 1°44 | 8° 0 | 9°15 | 20° 4 | 20° 1 | M 6 |
| T 7 | 10 58 50 | 16°16'28 | 6♎23 | 27°43 | 14°58 | 14°28 | 4°50 | 5°43 | 28° 4 | 27°18 | 1°44 | 7°D59 | 9°12 | 20°10 | 20° 4 | T 7 |
| W 8 | 11 2 46 | 17°16'41 | 18°37 | 29°34 | 16°12 | 15°15 | 4°46 | 5°50 | 28° 6 | 27°17 | 1°44 | 8° 0 | 9° 9 | 20°17 | 20° 8 | W 8 |
| T 9 | 11 6 43 | 18°16'52 | 0♏40 | 1♈23 | 17°25 | 16° 3 | 4°42 | 5°57 | 28° 7 | 27°16 | 1°43 | 8° 1 | 9° 6 | 20°24 | 20°12 | T 9 |
| F 10 | 11 10 39 | 19°17'02 | 12°35 | 3°10 | 18°39 | 16°50 | 4°38 | 6° 5 | 28° 8 | 27°15 | 1°43 | 8° 2 | 9° 3 | 20°30 | 20°16 | F 10 |
| S 11 | 11 14 36 | 20°17'10 | 24°26 | 4°55 | 19°53 | 17°38 | 4°34 | 6°12 | 28°10 | 27°15 | 1°43 | 8° 4 | 8°59 | 20°37 | 20°20 | S 11 |
| S 12 | 11 18 32 | 21°17'17 | 6♐16 | 6°37 | 21° 6 | 18°25 | 4°30 | 6°19 | 28°11 | 27°14 | 1°43 | 8° 5 | 8°56 | 20°44 | 20°24 | S 12 |
| M13 | 11 22 29 | 22°17'22 | 18°11 | 8°16 | 22°20 | 19°12 | 4°27 | 6°26 | 28°12 | 27°13 | 1°43 | 8°R 6 | 8°53 | 20°50 | 20°28 | M13 |
| T 14 | 11 26 25 | 23°17'26 | 0♑16 | 9°51 | 23°33 | 19°59 | 4°24 | 6°33 | 28°13 | 27°12 | 1°43 | 8° 6 | 8°50 | 20°57 | 20°32 | T 14 |
| W15 | 11 30 22 | 24°17'28 | 12°34 | 11°22 | 24°47 | 20°47 | 4°21 | 6°40 | 28°14 | 27°11 | 1°43 | 8° 5 | 8°47 | 21° 4 | 20°36 | W15 |
| T 16 | 11 34 19 | 25°17'28 | 25°11 | 12°48 | 26° 1 | 21°34 | 4°18 | 6°47 | 28°15 | 27°11 | 1°D43 | 8° 4 | 8°44 | 21°10 | 20°40 | T 16 |
| F 17 | 11 38 15 | 26°17'27 | 8♒ 9 | 14° 8 | 27°14 | 22°21 | 4°15 | 6°54 | 28°16 | 27°10 | 1°43 | 8° 2 | 8°40 | 21°17 | 20°44 | F 17 |
| S 18 | 11 42 12 | 27°17'24 | 21°31 | 15°22 | 28°28 | 23° 9 | 4°13 | 7° 1 | 28°17 | 27° 9 | 1°43 | 8° 1 | 8°37 | 21°24 | 20°48 | S 18 |
| S 19 | 11 46 8 | 28°17'19 | 5♓17 | 16°30 | 29°42 | 23°56 | 4°10 | 7° 8 | 28°17 | 27° 8 | 1°43 | 7°59 | 8°34 | 21°30 | 20°52 | S 19 |
| M20 | 11 50 5 | 29°17'13 | 19°25 | 17°31 | 0♓56 | 24°43 | 4° 8 | 7°15 | 28°18 | 27° 8 | 1°43 | 7°58 | 8°31 | 21°37 | 20°56 | M20 |
| T 21 | 11 54 1 | 0♈17'04 | 3♈51 | 18°25 | 2° 9 | 25°30 | 4° 6 | 7°22 | 28°19 | 27° 7 | 1°43 | 7°D58 | 8°28 | 21°44 | 21° 0 | T 21 |
| W22 | 11 57 58 | 1°16'54 | 18°29 | 19°11 | 3°23 | 26°17 | 4° 5 | 7°28 | 28°19 | 27° 7 | 1°43 | 7°58 | 8°25 | 21°50 | 21° 4 | W22 |
| T 23 | 12 1 54 | 2°16'42 | 3♉14 | 19°49 | 4°37 | 27° 5 | 4° 3 | 7°35 | 28°20 | 27° 6 | 1°43 | 7°59 | 8°21 | 21°57 | 21° 8 | T 23 |
| F 24 | 12 5 51 | 3°16'27 | 17°57 | 20°19 | 5°50 | 27°52 | 4° 2 | 7°42 | 28°20 | 27° 6 | 1°43 | 7°59 | 8°18 | 22° 4 | 21°12 | F 24 |
| S 25 | 12 9 48 | 4°16'11 | 2♊33 | 20°41 | 7° 4 | 28°39 | 4° 1 | 7°49 | 28°21 | 27° 5 | 1°44 | 7°59 | 8°15 | 22°11 | 21°15 | S 25 |
| S 26 | 12 13 44 | 5°15'52 | 16°58 | 20°54 | 8°18 | 29°26 | 4° 0 | 7°56 | 28°21 | 27° 5 | 1°44 | 8° 0 | 8°12 | 22°17 | 21°19 | S 26 |
| M27 | 12 17 41 | 6°15'31 | 1♋ 7 | 20°R59 | 9°32 | 0♈13 | 3°59 | 8° 2 | 28°22 | 27° 4 | 1°44 | 8° 0 | 8° 9 | 22°24 | 21°23 | M27 |
| T 28 | 12 21 37 | 7°15'07 | 14°59 | 20°57 | 10°45 | 1° 0 | 3°58 | 8° 9 | 28°22 | 27° 4 | 1°44 | 8°R 0 | 8° 5 | 22°31 | 21°27 | T 28 |
| W29 | 12 25 34 | 8°14'41 | 28°34 | 20°46 | 11°59 | 1°47 | 3°58 | 8°16 | 28°22 | 27° 4 | 1°45 | 8°D 0 | 8° 2 | 22°37 | 21°31 | W29 |
| T 30 | 12 29 30 | 9°14'13 | 11♌52 | 20°28 | 13°13 | 2°34 | 3°D58 | 8°22 | 28°22 | 27° 3 | 1°45 | 8° 0 | 7°59 | 22°44 | 21°35 | T 30 |
| F 31 | 12 33 27 | 10♈13'43 | 24♌54 | 20♈ 3 | 14♓27 | 3♈21 | 3♌58 | 8♓29 | 28♐23 | 27♋ 3 | 1♋45 | 8♎ 0 | 7♎56 | 22♏51 | 21♓39 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s43 | 17n 4 | 5s 9 | 6s40 | 1s26 | 18s19 | 0n 0 | 8s52 | 1s 2 | 19n34 | 0n41 | 10s56 | 1s22 | 23s29 | 0s 7 | 20n 6 | 0s32 | 16n29 | 6s53 | 3s17 | 3s46 | 14s23 | 0s 2 | 4n23 |
| T 2 | 7 20 | 15 4 | 4 48 | 5 49 | 1 19 | 18 3 | 0s 3 | 8 33 | 1 2 | 19 35 | 0 41 | 10 53 | 1 22 | 23 29 | 0 7 | 20 6 | 0 32 | 16 30 | 6 53 | 3 15 | 3 45 | 14 24 | 0 1 | 4 23 |
| F 3 | 6 57 | 12 16 | 4 11 | 4 58 | 1 12 | 17 47 | 0 6 | 8 15 | 1 1 | 19 36 | 0 41 | 10 50 | 1 22 | 23 29 | 0 7 | 20 7 | 0 32 | 16 30 | 6 53 | 3 13 | 3 43 | 14 25 | 0n 0 | 4 23 |
| S 4 | 6 34 | 8 54 | 3 21 | 4 6 | 1 4 | 17 30 | 0 9 | 7 57 | 1 1 | 19 37 | 0 41 | 10 48 | 1 22 | 23 29 | 0 7 | 20 7 | 0 32 | 16 30 | 6 52 | 3 12 | 3 42 | 14 26 | 0 2 | 4 23 |
| S 5 | 6 11 | 5 9 | 2 22 | 3 13 | 0 55 | 17 12 | 0 12 | 7 39 | 1 1 | 19 39 | 0 41 | 10 45 | 1 22 | 23 29 | 0 7 | 20 7 | 0 32 | 16 30 | 6 52 | 3 11 | 3 41 | 14 27 | 0 3 | 4 23 |
| M 6 | 5 48 | 1 14 | 1 17 | 2 20 | 0 45 | 16 54 | 0 15 | 7 20 | 1 1 | 19 40 | 0 41 | 10 43 | 1 22 | 23 29 | 0 7 | 20 7 | 0 32 | 16 30 | 6 52 | 3 10 | 3 40 | 14 28 | 0 5 | 4 23 |
| T 7 | 5 24 | 2s40 | 0 9 | 1 27 | 0 35 | 16 36 | 0 18 | 7 2 | 1 0 | 19 41 | 0 41 | 10 40 | 1 22 | 23 29 | 0 7 | 20 8 | 0 32 | 16 31 | 6 52 | 3 10 | 3 38 | 14 29 | 0 6 | 4 23 |
| W 8 | 5 1 | 6 23 | 0n58 | 0 33 | 0 25 | 16 17 | 0 21 | 6 43 | 1 0 | 19 42 | 0 41 | 10 38 | 1 22 | 23 30 | 0 7 | 20 8 | 0 32 | 16 31 | 6 52 | 3 10 | 3 37 | 14 30 | 0 8 | 4 22 |
| T 9 | 4 37 | 9 46 | 2 2 | 0n20 | 0 14 | 15 57 | 0 24 | 6 25 | 1 0 | 19 43 | 0 41 | 10 35 | 1 22 | 23 30 | 0 7 | 20 8 | 0 32 | 16 31 | 6 51 | 3 10 | 3 36 | 14 31 | 0 9 | 4 22 |
| F 10 | 4 14 | 12 43 | 3 0 | 1 13 | 0 2 | 15 37 | 0 27 | 6 6 | 1 0 | 19 44 | 0 41 | 10 32 | 1 23 | 23 30 | 0 7 | 20 8 | 0 32 | 16 31 | 6 51 | 3 11 | 3 35 | 14 33 | 0 11 | 4 22 |
| S 11 | 3 50 | 15 7 | 3 49 | 2 6 | 0n10 | 15 17 | 0 29 | 5 47 | 0 59 | 19 45 | 0 41 | 10 30 | 1 23 | 23 30 | 0 7 | 20 8 | 0 32 | 16 31 | 6 51 | 3 12 | 3 33 | 14 34 | 0 12 | 4 22 |
| S 12 | 3 27 | 16 53 | 4 29 | 2 58 | 0 23 | 14 56 | 0 32 | 5 29 | 0 59 | 19 46 | 0 41 | 10 27 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 32 | 6 51 | 3 12 | 3 32 | 14 35 | 0 14 | 4 22 |
| M13 | 3 3 | 17 55 | 4 58 | 3 49 | 0 35 | 14 35 | 0 35 | 5 10 | 0 59 | 19 47 | 0 41 | 10 25 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 32 | 6 51 | 3 12 | 3 31 | 14 36 | 0 15 | 4 22 |
| T 14 | 2 39 | 18 9 | 5 14 | 4 38 | 0 49 | 14 13 | 0 37 | 4 51 | 0 59 | 19 47 | 0 41 | 10 22 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 32 | 6 50 | 3 12 | 3 30 | 14 37 | 0 17 | 4 22 |
| W15 | 2 16 | 17 33 | 5 16 | 5 26 | 1 2 | 13 51 | 0 40 | 4 32 | 0 58 | 19 48 | 0 41 | 10 20 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 32 | 6 50 | 3 12 | 3 28 | 14 38 | 0 18 | 4 22 |
| T 16 | 1 52 | 16 5 | 5 3 | 6 12 | 1 15 | 13 29 | 0 43 | 4 13 | 0 58 | 19 49 | 0 41 | 10 17 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 32 | 6 50 | 3 11 | 3 27 | 14 39 | 0 20 | 4 22 |
| F 17 | 1 28 | 13 46 | 4 34 | 6 56 | 1 29 | 13 6 | 0 45 | 3 55 | 0 58 | 19 49 | 0 41 | 10 15 | 1 23 | 23 30 | 0 7 | 20 9 | 0 32 | 16 33 | 6 50 | 3 11 | 3 26 | 14 40 | 0 21 | 4 22 |
| S 18 | 1 5 | 10 40 | 3 50 | 7 37 | 1 42 | 12 43 | 0 47 | 3 36 | 0 57 | 19 50 | 0 41 | 10 12 | 1 23 | 23 30 | 0 7 | 20 10 | 0 32 | 16 33 | 6 50 | 3 10 | 3 25 | 14 41 | 0 23 | 4 22 |
| S 19 | 0 41 | 6 53 | 2 52 | 8 15 | 1 55 | 12 20 | 0 50 | 3 17 | 0 57 | 19 50 | 0 41 | 10 10 | 1 23 | 23 30 | 0 7 | 20 10 | 0 32 | 16 33 | 6 49 | 3 10 | 3 23 | 14 42 | 0 24 | 4 22 |
| M20 | 0 17 | 2 38 | 1 41 | 8 50 | 2 8 | 11 56 | 0 52 | 2 58 | 0 57 | 19 51 | 0 41 | 10 7 | 1 23 | 23 30 | 0 7 | 20 10 | 0 32 | 16 33 | 6 49 | 3 9 | 3 22 | 14 43 | 0 26 | 4 22 |
| T 21 | 0n 7 | 1n53 | 0 23 | 9 22 | 2 20 | 11 32 | 0 54 | 2 39 | 0 56 | 19 51 | 0 41 | 10 5 | 1 24 | 23 30 | 0 7 | 20 10 | 0 32 | 16 33 | 6 49 | 3 9 | 3 21 | 14 45 | 0 27 | 4 22 |
| W22 | 0 31 | 6 20 | 0s58 | 9 50 | 2 32 | 11 7 | 0 57 | 2 20 | 0 56 | 19 52 | 0 41 | 10 2 | 1 24 | 23 30 | 0 8 | 20 10 | 0 32 | 16 34 | 6 49 | 3 9 | 3 20 | 14 46 | 0 29 | 4 22 |
| T 23 | 0 54 | 10 26 | 2 16 | 10 14 | 2 42 | 10 43 | 0 59 | 2 1 | 0 56 | 19 52 | 0 41 | 10 0 | 1 24 | 23 30 | 0 8 | 20 10 | 0 32 | 16 34 | 6 49 | 3 9 | 3 18 | 14 47 | 0 30 | 4 22 |
| F 24 | 1 18 | 13 52 | 3 24 | 10 35 | 2 52 | 10 18 | 1 1 | 1 42 | 0 55 | 19 52 | 0 41 | 9 58 | 1 24 | 23 30 | 0 8 | 20 10 | 0 32 | 16 34 | 6 48 | 3 10 | 3 17 | 14 48 | 0 32 | 4 22 |
| S 25 | 1 42 | 16 23 | 4 19 | 10 51 | 3 1 | 9 52 | 1 3 | 1 23 | 0 55 | 19 53 | 0 41 | 9 55 | 1 24 | 23 30 | 0 8 | 20 11 | 0 32 | 16 34 | 6 48 | 3 10 | 3 16 | 14 49 | 0 33 | 4 22 |
| S 26 | 2 5 | 17 50 | 4 57 | 11 3 | 3 9 | 9 27 | 1 5 | 1 4 | 0 55 | 19 53 | 0 41 | 9 53 | 1 24 | 23 30 | 0 8 | 20 11 | 0 32 | 16 34 | 6 48 | 3 10 | 3 15 | 14 50 | 0 35 | 4 22 |
| M27 | 2 29 | 18 7 | 5 15 | 11 11 | 3 15 | 9 1 | 1 7 | 0 45 | 0 54 | 19 53 | 0 41 | 9 50 | 1 24 | 23 30 | 0 8 | 20 11 | 0 32 | 16 35 | 6 48 | 3 10 | 3 13 | 14 51 | 0 36 | 4 22 |
| T 28 | 2 52 | 17 19 | 5 15 | 11 15 | 3 20 | 8 35 | 1 9 | 0 26 | 0 54 | 19 53 | 0 41 | 9 48 | 1 24 | 23 30 | 0 8 | 20 11 | 0 32 | 16 35 | 6 48 | 3 10 | 3 12 | 14 52 | 0 38 | 4 22 |
| W29 | 3 16 | 15 33 | 4 58 | 11 14 | 3 24 | 8 8 | 1 10 | 0 7 | 0 53 | 19 53 | 0 41 | 9 46 | 1 24 | 23 30 | 0 8 | 20 11 | 0 31 | 16 35 | 6 47 | 3 10 | 3 11 | 14 53 | 0 39 | 4 22 |
| T 30 | 3 39 | 12 58 | 4 24 | 11 9 | 3 25 | 7 42 | 1 12 | 0n12 | 0 53 | 19 53 | 0 41 | 9 43 | 1 25 | 23 30 | 0 8 | 20 11 | 0 31 | 16 35 | 6 47 | 3 10 | 3 10 | 14 54 | 0 41 | 4 22 |
| F 31 | 4n 2 | 9n46 | 3s37 | 10n59 | 3n25 | 7s15 | 1s14 | 0n31 | 0s53 | 19n53 | 0n41 | 9s41 | 1s25 | 23s30 | 0s 8 | 20n11 | 0s31 | 16n35 | 6s47 | 3s10 | 3s 8 | 14s55 | 0n42 | 4n22 |

Julian Day Number = 2599892.5, Delta T = 08m56s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'07, Lahiri = 29°32'08


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## APRIL 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 37 23 | 11♈13'10 | 7♍42 | 19°R31 | 15♓40 | 4♈ 8 | 3♌58 | 8♓35 | 28♐23 | 27°R 3 | 1♋46 | 8♎ 0 | 7♎53 | 22♏57 | 21♓42 | S 1 |
| S 2 | 12 41 20 | 12°12'36 | 20°17 | 18♈54 | 16°54 | 4°55 | 3°58 | 8°42 | 28°R23 | 27♋ 3 | 1°46 | 8° 1 | 7°50 | 23° 4 | 21°46 | S 2 |
| M 3 | 12 45 16 | 13°11'59 | 2♎41 | 18°13 | 18° 8 | 5°41 | 3°59 | 8°48 | 28°23 | 27° 3 | 1°46 | 8°R 1 | 7°46 | 23°11 | 21°50 | M 3 |
| T 4 | 12 49 13 | 14°11'20 | 14°54 | 17°27 | 19°22 | 6°28 | 4° 0 | 8°54 | 28°23 | 27° 2 | 1°47 | 8° 1 | 7°43 | 23°17 | 21°54 | T 4 |
| W 5 | 12 53 10 | 15°10'39 | 26°59 | 16°39 | 20°35 | 7°15 | 4° 1 | 9° 1 | 28°23 | 27° 2 | 1°47 | 8° 0 | 7°40 | 23°24 | 21°57 | W 5 |
| T 6 | 12 57 6 | 16° 9'56 | 8♏56 | 15°49 | 21°49 | 8° 2 | 4° 2 | 9° 7 | 28°22 | 27° 2 | 1°48 | 8° 0 | 7°37 | 23°31 | 22° 1 | T 6 |
| F 7 | 13 1 3 | 17° 9'11 | 20°49 | 14°59 | 23° 3 | 8°49 | 4° 3 | 9°13 | 28°22 | 27°D 2 | 1°48 | 7°58 | 7°34 | 23°37 | 22° 5 | F 7 |
| S 8 | 13 4 59 | 18° 8'24 | 2♐40 | 14° 9 | 24°17 | 9°35 | 4° 5 | 9°20 | 28°22 | 27° 2 | 1°49 | 7°57 | 7°30 | 23°44 | 22° 8 | S 8 |
| S 9 | 13 8 56 | 19° 7'36 | 14°31 | 13°20 | 25°30 | 10°22 | 4° 6 | 9°26 | 28°22 | 27° 2 | 1°49 | 7°56 | 7°27 | 23°51 | 22°12 | S 9 |
| M10 | 13 12 52 | 20° 6'45 | 26°26 | 12°33 | 26°44 | 11° 9 | 4° 8 | 9°32 | 28°21 | 27° 2 | 1°50 | 7°54 | 7°24 | 23°57 | 22°16 | M10 |
| T 11 | 13 16 49 | 21° 5'53 | 8♑30 | 11°49 | 27°58 | 11°55 | 4°10 | 9°38 | 28°21 | 27° 2 | 1°50 | 7°53 | 7°21 | 24° 4 | 22°19 | T 11 |
| W12 | 13 20 45 | 22° 5'00 | 20°46 | 11° 9 | 29°12 | 12°42 | 4°13 | 9°44 | 28°20 | 27° 3 | 1°51 | 7°D53 | 7°18 | 24°11 | 22°23 | W12 |
| T 13 | 13 24 42 | 23° 4'04 | 3♒18 | 10°33 | 0♈25 | 13°28 | 4°15 | 9°50 | 28°20 | 27° 3 | 1°51 | 7°53 | 7°15 | 24°18 | 22°26 | T 13 |
| F 14 | 13 28 39 | 24° 3'07 | 16°12 | 10° 2 | 1°39 | 14°15 | 4°18 | 9°56 | 28°19 | 27° 3 | 1°52 | 7°54 | 7°11 | 24°24 | 22°30 | F 14 |
| S 15 | 13 32 35 | 25° 2'08 | 29°30 | 9°35 | 2°53 | 15° 1 | 4°21 | 10° 2 | 28°19 | 27° 3 | 1°53 | 7°55 | 7° 8 | 24°31 | 22°33 | S 15 |
| S 16 | 13 36 32 | 26° 1'07 | 13♓14 | 9°14 | 4° 7 | 15°48 | 4°24 | 10° 7 | 28°18 | 27° 3 | 1°53 | 7°56 | 7° 5 | 24°38 | 22°37 | S 16 |
| M17 | 13 40 28 | 27° 0'04 | 27°24 | 8°58 | 5°20 | 16°34 | 4°27 | 10°13 | 28°17 | 27° 4 | 1°54 | 7°57 | 7° 2 | 24°44 | 22°40 | M17 |
| T 18 | 13 44 25 | 27°58'59 | 11♈59 | 8°48 | 6°34 | 17°21 | 4°30 | 10°19 | 28°16 | 27° 4 | 1°55 | 7°R58 | 6°59 | 24°51 | 22°44 | T 18 |
| W19 | 13 48 21 | 28°57'53 | 26°52 | 8°D43 | 7°48 | 18° 7 | 4°34 | 10°24 | 28°16 | 27° 4 | 1°56 | 7°57 | 6°56 | 24°58 | 22°47 | W19 |
| T 20 | 13 52 18 | 29°56'45 | 11♉57 | 8°43 | 9° 2 | 18°53 | 4°37 | 10°30 | 28°15 | 27° 5 | 1°56 | 7°55 | 6°52 | 25° 4 | 22°50 | T 20 |
| F 21 | 13 56 14 | 0♉55'34 | 27° 4 | 8°48 | 10°15 | 19°39 | 4°41 | 10°35 | 28°14 | 27° 5 | 1°57 | 7°52 | 6°49 | 25°11 | 22°54 | F 21 |
| S 22 | 14 0 11 | 1°54'22 | 12♊ 4 | 8°59 | 11°29 | 20°26 | 4°45 | 10°41 | 28°13 | 27° 6 | 1°58 | 7°49 | 6°46 | 25°18 | 22°57 | S 22 |
| S 23 | 14 4 8 | 2°53'07 | 26°48 | 9°14 | 12°43 | 21°12 | 4°50 | 10°46 | 28°12 | 27° 6 | 1°59 | 7°46 | 6°43 | 25°24 | 23° 0 | S 23 |
| M24 | 14 8 4 | 3°51'51 | 11♋11 | 9°35 | 13°57 | 21°58 | 4°54 | 10°52 | 28°11 | 27° 7 | 1°59 | 7°43 | 6°40 | 25°31 | 23° 3 | M24 |
| T 25 | 14 12 1 | 4°50'32 | 25°10 | 9°59 | 15°10 | 22°44 | 4°58 | 10°57 | 28°10 | 27° 7 | 2° 0 | 7°42 | 6°36 | 25°38 | 23° 7 | T 25 |
| W26 | 14 15 57 | 5°49'10 | 8♌45 | 10°28 | 16°24 | 23°30 | 5° 3 | 11° 2 | 28° 9 | 27° 8 | 2° 1 | 7°D41 | 6°33 | 25°44 | 23°10 | W26 |
| T 27 | 14 19 54 | 6°47'47 | 21°56 | 11° 2 | 17°38 | 24°16 | 5° 8 | 11° 7 | 28° 7 | 27° 9 | 2° 2 | 7°42 | 6°30 | 25°51 | 23°13 | T 27 |
| F 28 | 14 23 50 | 7°46'21 | 4♍46 | 11°39 | 18°52 | 25° 2 | 5°13 | 11°12 | 28° 6 | 27° 9 | 2° 3 | 7°44 | 6°27 | 25°58 | 23°16 | F 28 |
| S 29 | 14 27 47 | 8°44'53 | 17°20 | 12°20 | 20° 5 | 25°48 | 5°18 | 11°17 | 28° 5 | 27°10 | 2° 4 | 7°45 | 6°24 | 26° 5 | 23°19 | S 29 |
| S 30 | 14 31 43 | 9♉43'23 | 29♍39 | 13♈ 5 | 21♈19 | 26♈34 | 5♌24 | 11♓22 | 28♐ 4 | 27♋11 | 2♋ 5 | 7♎47 | 6♎21 | 26♏11 | 23♓22 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n26 | 6n10 | 2s41 | 10n46 | 3n24 | 6s48 | 1s15 | 0n50 | 0s52 | 19n53 | 0n41 | 9s39 | 1s25 | 23s30 | 0s 8 | 20n11 | 0s31 | 16n36 | 6s47 | 3s10 | 3s 7 | 14s56 | 0n44 | 4n22 |
| S 2 | 4 49 | 2 21 | 1 37 | 10 28 | 3 20 | 6 21 | 1 17 | 1 9 | 0 52 | 19 53 | 0 41 | 9 36 | 1 25 | 23 30 | 0 8 | 20 11 | 0 31 | 16 36 | 6 47 | 3 10 | 3 6 | 14 57 | 0 45 | 4 22 |
| M 3 | 5 12 | 1s31 | 0 30 | 10 8 | 3 15 | 5 53 | 1 18 | 1 28 | 0 51 | 19 53 | 0 41 | 9 34 | 1 25 | 23 30 | 0 8 | 20 11 | 0 31 | 16 36 | 6 46 | 3 10 | 3 5 | 14 58 | 0 47 | 4 22 |
| T 4 | 5 35 | 5 16 | 0n38 | 9 44 | 3 8 | 5 26 | 1 20 | 1 47 | 0 51 | 19 53 | 0 41 | 9 32 | 1 25 | 23 30 | 0 8 | 20 11 | 0 31 | 16 36 | 6 46 | 3 10 | 3 3 | 14 59 | 0 48 | 4 22 |
| W 5 | 5 58 | 8 46 | 1 43 | 9 17 | 2 59 | 4 58 | 1 21 | 2 6 | 0 51 | 19 52 | 0 41 | 9 29 | 1 25 | 23 30 | 0 8 | 20 11 | 0 31 | 16 36 | 6 46 | 3 10 | 3 2 | 15 0 | 0 50 | 4 22 |
| T 6 | 6 21 | 11 52 | 2 43 | 8 49 | 2 49 | 4 30 | 1 22 | 2 25 | 0 50 | 19 52 | 0 41 | 9 27 | 1 26 | 23 30 | 0 8 | 20 11 | 0 31 | 16 37 | 6 46 | 3 10 | 3 1 | 15 1 | 0 51 | 4 22 |
| F 7 | 6 43 | 14 27 | 3 36 | 8 18 | 2 37 | 4 2 | 1 24 | 2 43 | 0 50 | 19 52 | 0 41 | 9 25 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 37 | 6 46 | 3 9 | 3 0 | 15 2 | 0 53 | 4 22 |
| S 8 | 7 6 | 16 25 | 4 19 | 7 47 | 2 24 | 3 34 | 1 25 | 3 2 | 0 49 | 19 51 | 0 41 | 9 23 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 37 | 6 45 | 3 9 | 2 58 | 15 3 | 0 54 | 4 22 |
| S 9 | 7 28 | 17 40 | 4 51 | 7 15 | 2 10 | 3 6 | 1 26 | 3 21 | 0 49 | 19 51 | 0 41 | 9 21 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 37 | 6 45 | 3 8 | 2 57 | 15 4 | 0 56 | 4 22 |
| M10 | 7 51 | 18 10 | 5 10 | 6 43 | 1 56 | 2 37 | 1 27 | 3 39 | 0 48 | 19 51 | 0 41 | 9 18 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 37 | 6 45 | 3 8 | 2 56 | 15 5 | 0 57 | 4 22 |
| T 11 | 8 13 | 17 51 | 5 17 | 6 12 | 1 40 | 2 9 | 1 28 | 3 58 | 0 48 | 19 50 | 0 41 | 9 16 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 45 | 3 7 | 2 55 | 15 6 | 0 59 | 4 22 |
| W12 | 8 35 | 16 42 | 5 9 | 5 41 | 1 24 | 1 41 | 1 29 | 4 17 | 0 47 | 19 49 | 0 41 | 9 14 | 1 26 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 45 | 3 7 | 2 53 | 15 8 | 1 0 | 4 22 |
| T 13 | 8 57 | 14 44 | 4 46 | 5 12 | 1 8 | 1 12 | 1 29 | 4 35 | 0 47 | 19 49 | 0 41 | 9 12 | 1 27 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 44 | 3 7 | 2 52 | 15 9 | 1 1 | 4 22 |
| F 14 | 9 19 | 11 59 | 4 9 | 4 45 | 0 51 | 0 43 | 1 30 | 4 53 | 0 46 | 19 48 | 0 41 | 9 10 | 1 27 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 44 | 3 8 | 2 51 | 15 10 | 1 3 | 4 22 |
| S 15 | 9 40 | 8 33 | 3 17 | 4 20 | 0 35 | 0 15 | 1 31 | 5 12 | 0 46 | 19 48 | 0 41 | 9 8 | 1 27 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 44 | 3 8 | 2 50 | 15 11 | 1 4 | 4 22 |
| S 16 | 10 2 | 4 32 | 2 13 | 3 57 | 0 19 | 0n14 | 1 31 | 5 30 | 0 45 | 19 47 | 0 41 | 9 6 | 1 27 | 23 30 | 0 8 | 20 12 | 0 31 | 16 38 | 6 44 | 3 9 | 2 48 | 15 12 | 1 6 | 4 22 |
| M17 | 10 23 | 0 9 | 0 58 | 3 36 | 0 3 | 0 43 | 1 32 | 5 48 | 0 45 | 19 46 | 0 41 | 9 4 | 1 27 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 44 | 3 9 | 2 47 | 15 13 | 1 7 | 4 22 |
| T 18 | 10 44 | 4n23 | 0s22 | 3 18 | 0s12 | 1 11 | 1 32 | 6 7 | 0 45 | 19 45 | 0 41 | 9 2 | 1 27 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 43 | 3 9 | 2 46 | 15 14 | 1 9 | 4 23 |
| W19 | 11 5 | 8 44 | 1 43 | 3 2 | 0 27 | 1 40 | 1 33 | 6 25 | 0 44 | 19 44 | 0 41 | 9 0 | 1 27 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 43 | 3 9 | 2 45 | 15 15 | 1 10 | 4 23 |
| T 20 | 11 26 | 12 35 | 2 57 | 2 49 | 0 41 | 2 9 | 1 33 | 6 43 | 0 44 | 19 43 | 0 41 | 8 58 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 43 | 3 8 | 2 43 | 15 16 | 1 11 | 4 23 |
| F 21 | 11 46 | 15 35 | 3 58 | 2 38 | 0 55 | 2 38 | 1 33 | 7 1 | 0 43 | 19 42 | 0 41 | 8 56 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 43 | 3 7 | 2 42 | 15 17 | 1 13 | 4 23 |
| S 22 | 12 7 | 17 30 | 4 43 | 2 30 | 1 8 | 3 6 | 1 33 | 7 18 | 0 42 | 19 41 | 0 41 | 8 54 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 39 | 6 43 | 3 6 | 2 41 | 15 18 | 1 14 | 4 23 |
| S 23 | 12 27 | 18 12 | 5 9 | 2 25 | 1 20 | 3 35 | 1 33 | 7 36 | 0 42 | 19 40 | 0 41 | 8 52 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 43 | 3 4 | 2 40 | 15 19 | 1 15 | 4 23 |
| M24 | 12 47 | 17 42 | 5 14 | 2 22 | 1 32 | 4 3 | 1 33 | 7 54 | 0 41 | 19 39 | 0 41 | 8 50 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 42 | 3 3 | 2 38 | 15 20 | 1 17 | 4 23 |
| T 25 | 13 6 | 16 8 | 5 0 | 2 22 | 1 43 | 4 32 | 1 33 | 8 11 | 0 41 | 19 38 | 0 41 | 8 49 | 1 28 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 42 | 3 3 | 2 37 | 15 21 | 1 18 | 4 23 |
| W26 | 13 26 | 13 42 | 4 30 | 2 24 | 1 53 | 5 0 | 1 33 | 8 29 | 0 40 | 19 37 | 0 41 | 8 47 | 1 29 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 42 | 3 3 | 2 36 | 15 22 | 1 19 | 4 23 |
| T 27 | 13 45 | 10 36 | 3 46 | 2 28 | 2 3 | 5 28 | 1 33 | 8 46 | 0 40 | 19 36 | 0 41 | 8 45 | 1 29 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 42 | 3 3 | 2 35 | 15 23 | 1 21 | 4 23 |
| F 28 | 14 4 | 7 5 | 2 51 | 2 35 | 2 11 | 5 57 | 1 33 | 9 3 | 0 39 | 19 35 | 0 41 | 8 43 | 1 29 | 23 30 | 0 8 | 20 11 | 0 31 | 16 40 | 6 42 | 3 4 | 2 33 | 15 23 | 1 22 | 4 24 |
| S 29 | 14 23 | 3 19 | 1 50 | 2 44 | 2 19 | 6 25 | 1 32 | 9 21 | 0 39 | 19 33 | 0 41 | 8 41 | 1 29 | 23 30 | 0 8 | 20 11 | 0 31 | 16 41 | 6 42 | 3 4 | 2 32 | 15 24 | 1 23 | 4 24 |
| S 30 | 14n42 | 0s32 | 0s44 | 2n54 | 2s26 | 6n52 | 1s32 | 9n38 | 0s38 | 19n32 | 0n40 | 8s40 | 1s29 | 23s30 | 0s 8 | 20n10 | 0s31 | 16n41 | 6s41 | 3s 5 | 2s31 | 15s25 | 1n25 | 4n24 |

Julian Day Number = 2599923.5, Delta T = 08m56s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'11, Lahiri = 29°32'13


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## MAY 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 35 40 | 10♉41'51 | 11♎48 | 13♈53 | 22♈33 | 27♈20 | 5♌29 | 11♓27 | 28°R 2 | 27♋12 | 2♋ 6 | 7°R47 | 6♎17 | 26♏18 | 23♓25 | M 1 |
| T 2 | 14 39 37 | 11°40'17 | 23°49 | 14°44 | 23°46 | 28° 5 | 5°35 | 11°32 | 28♐ 1 | 27°12 | 2° 7 | 7♎46 | 6°14 | 26°25 | 23°28 | T 2 |
| W 3 | 14 43 33 | 12°38'41 | 5♏45 | 15°39 | 25° 0 | 28°51 | 5°41 | 11°36 | 27°59 | 27°13 | 2° 8 | 7°43 | 6°11 | 26°31 | 23°31 | W 3 |
| T 4 | 14 47 30 | 13°37'03 | 17°37 | 16°37 | 26°14 | 29°37 | 5°47 | 11°41 | 27°58 | 27°14 | 2° 9 | 7°38 | 6° 8 | 26°38 | 23°34 | T 4 |
| F 5 | 14 51 26 | 14°35'24 | 29°28 | 17°38 | 27°27 | 0♉22 | 5°53 | 11°46 | 27°56 | 27°15 | 2°10 | 7°32 | 6° 5 | 26°45 | 23°36 | F 5 |
| S 6 | 14 55 23 | 15°33'42 | 11♐20 | 18°41 | 28°41 | 1° 8 | 5°59 | 11°50 | 27°55 | 27°16 | 2°11 | 7°25 | 6° 1 | 26°51 | 23°39 | S 6 |
| S 7 | 14 59 19 | 16°32'00 | 23°13 | 19°47 | 29°55 | 1°54 | 6° 5 | 11°55 | 27°53 | 27°17 | 2°12 | 7°18 | 5°58 | 26°58 | 23°42 | S 7 |
| M 8 | 15 3 16 | 17°30'15 | 5♑11 | 20°56 | 1♉ 8 | 2°39 | 6°12 | 11°59 | 27°51 | 27°18 | 2°13 | 7°11 | 5°55 | 27° 5 | 23°45 | M 8 |
| T 9 | 15 7 12 | 18°28'29 | 17°17 | 22° 8 | 2°22 | 3°24 | 6°19 | 12° 3 | 27°50 | 27°19 | 2°14 | 7° 6 | 5°52 | 27°11 | 23°47 | T 9 |
| W10 | 15 11 9 | 19°26'41 | 29°33 | 23°21 | 3°36 | 4°10 | 6°25 | 12° 7 | 27°48 | 27°20 | 2°15 | 7° 2 | 5°49 | 27°18 | 23°50 | W10 |
| T 11 | 15 15 6 | 20°24'52 | 12♒ 4 | 24°38 | 4°49 | 4°55 | 6°32 | 12°11 | 27°46 | 27°21 | 2°16 | 7° 0 | 5°46 | 27°25 | 23°52 | T 11 |
| F 12 | 15 19 2 | 21°23'02 | 24°53 | 25°56 | 6° 3 | 5°41 | 6°40 | 12°15 | 27°45 | 27°22 | 2°17 | 6°D59 | 5°42 | 27°32 | 23°55 | F 12 |
| S 13 | 15 22 59 | 22°21'10 | 8♓ 3 | 27°17 | 7°17 | 6°26 | 6°47 | 12°19 | 27°43 | 27°23 | 2°18 | 7° 0 | 5°39 | 27°38 | 23°57 | S 13 |
| S 14 | 15 26 55 | 23°19'17 | 21°39 | 28°40 | 8°30 | 7°11 | 6°54 | 12°23 | 27°41 | 27°24 | 2°19 | 7° 2 | 5°36 | 27°45 | 24° 0 | S 14 |
| M15 | 15 30 52 | 24°17'22 | 5♈42 | 0♉ 5 | 9°44 | 7°56 | 7° 2 | 12°27 | 27°39 | 27°25 | 2°20 | 7°R 2 | 5°33 | 27°52 | 24° 2 | M15 |
| T 16 | 15 34 48 | 25°15'26 | 20°11 | 1°33 | 10°58 | 8°41 | 7° 9 | 12°31 | 27°37 | 27°27 | 2°22 | 7° 2 | 5°30 | 27°58 | 24° 5 | T 16 |
| W17 | 15 38 45 | 26°13'28 | 5♉ 4 | 3° 2 | 12°11 | 9°26 | 7°17 | 12°34 | 27°35 | 27°28 | 2°23 | 6°59 | 5°27 | 28° 5 | 24° 7 | W17 |
| T 18 | 15 42 41 | 27°11'29 | 20°14 | 4°34 | 13°25 | 10°11 | 7°25 | 12°38 | 27°33 | 27°29 | 2°24 | 6°54 | 5°23 | 28°12 | 24° 9 | T 18 |
| F 19 | 15 46 38 | 28° 9'29 | 5♊31 | 6° 8 | 14°39 | 10°56 | 7°33 | 12°41 | 27°31 | 27°30 | 2°25 | 6°47 | 5°20 | 28°18 | 24°11 | F 19 |
| S 20 | 15 50 35 | 29° 7'27 | 20°45 | 7°43 | 15°52 | 11°41 | 7°41 | 12°45 | 27°29 | 27°32 | 2°26 | 6°40 | 5°17 | 28°25 | 24°13 | S 20 |
| S 21 | 15 54 31 | 0♊ 5'24 | 5♋44 | 9°21 | 17° 6 | 12°26 | 7°49 | 12°48 | 27°27 | 27°33 | 2°28 | 6°32 | 5°14 | 28°32 | 24°16 | S 21 |
| M22 | 15 58 28 | 1° 3'19 | 20°21 | 11° 1 | 18°20 | 13°11 | 7°58 | 12°51 | 27°25 | 27°35 | 2°29 | 6°25 | 5°11 | 28°38 | 24°18 | M22 |
| T 23 | 16 2 24 | 2° 1'12 | 4♌31 | 12°43 | 19°33 | 13°56 | 8° 6 | 12°54 | 27°23 | 27°36 | 2°30 | 6°20 | 5° 7 | 28°45 | 24°20 | T 23 |
| W24 | 16 6 21 | 2°59'03 | 18°12 | 14°27 | 20°47 | 14°41 | 8°15 | 12°57 | 27°21 | 27°37 | 2°31 | 6°17 | 5° 4 | 28°52 | 24°22 | W24 |
| T 25 | 16 10 17 | 3°56'53 | 1♍25 | 16°14 | 22° 0 | 15°25 | 8°24 | 13° 0 | 27°18 | 27°39 | 2°33 | 6°D16 | 5° 1 | 28°59 | 24°24 | T 25 |
| F 26 | 16 14 14 | 4°54'40 | 14°13 | 18° 2 | 23°14 | 16°10 | 8°32 | 13° 3 | 27°16 | 27°40 | 2°34 | 6°16 | 4°58 | 29° 5 | 24°25 | F 26 |
| S 27 | 16 18 10 | 5°52'26 | 26°41 | 19°52 | 24°28 | 16°54 | 8°41 | 13° 6 | 27°14 | 27°42 | 2°35 | 6°17 | 4°55 | 29°12 | 24°27 | S 27 |
| S 28 | 16 22 7 | 6°50'11 | 8♎53 | 21°45 | 25°41 | 17°39 | 8°50 | 13° 8 | 27°12 | 27°43 | 2°37 | 6°R17 | 4°52 | 29°19 | 24°29 | S 28 |
| M29 | 16 26 4 | 7°47'54 | 20°55 | 23°39 | 26°55 | 18°23 | 9° 0 | 13°11 | 27° 9 | 27°45 | 2°38 | 6°16 | 4°48 | 29°25 | 24°31 | M29 |
| T 30 | 16 30 0 | 8°45'36 | 2♏49 | 25°35 | 28° 8 | 19° 8 | 9° 9 | 13°13 | 27° 7 | 27°46 | 2°39 | 6°13 | 4°45 | 29°32 | 24°32 | T 30 |
| W31 | 16 33 57 | 9♊43'16 | 14♏39 | 27♉34 | 29♉22 | 19♉52 | 9♌18 | 13♓16 | 27♐ 5 | 27♋48 | 2♋41 | 6♎ 7 | 4♎42 | 29♏39 | 24♓34 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n 0 | 4s19 | 0n22 | 3n 7 | 2s33 | 7n20 | 1s31 | 9n55 | 0s38 | 19n31 | 0n40 | 8s38 | 1s30 | 23s30 | 0s 8 | 20n10 | 0s31 | 16n41 | 6s41 | 3s 5 | 2s30 | 15s26 | 1n26 | 4n24 |
| T 2 | 15 18 | 7 53 | 1 27 | 3 21 | 2 39 | 7 48 | 1 31 | 10 12 | 0 37 | 19 29 | 0 40 | 8 36 | 1 30 | 23 30 | 0 8 | 20 10 | 0 31 | 16 41 | 6 41 | 3 4 | 2 28 | 15 27 | 1 27 | 4 24 |
| W 3 | 15 36 | 11 6 | 2 27 | 3 38 | 2 44 | 8 15 | 1 30 | 10 28 | 0 37 | 19 28 | 0 40 | 8 35 | 1 30 | 23 30 | 0 8 | 20 10 | 0 30 | 16 41 | 6 41 | 3 3 | 2 27 | 15 28 | 1 28 | 4 24 |
| T 4 | 15 53 | 13 51 | 3 20 | 3 56 | 2 48 | 8 43 | 1 30 | 10 45 | 0 36 | 19 26 | 0 40 | 8 33 | 1 30 | 23 30 | 0 8 | 20 10 | 0 30 | 16 41 | 6 41 | 3 1 | 2 26 | 15 29 | 1 30 | 4 24 |
| F 5 | 16 11 | 16 0 | 4 5 | 4 15 | 2 52 | 9 10 | 1 29 | 11 1 | 0 35 | 19 25 | 0 40 | 8 32 | 1 30 | 23 30 | 0 8 | 20 10 | 0 30 | 16 41 | 6 41 | 2 59 | 2 25 | 15 30 | 1 31 | 4 24 |
| S 6 | 16 28 | 17 29 | 4 39 | 4 36 | 2 55 | 9 37 | 1 28 | 11 18 | 0 35 | 19 23 | 0 40 | 8 30 | 1 30 | 23 30 | 0 8 | 20 10 | 0 30 | 16 42 | 6 40 | 2 56 | 2 23 | 15 31 | 1 32 | 4 24 |
| S 7 | 16 44 | 18 13 | 5 1 | 4 59 | 2 57 | 10 3 | 1 27 | 11 34 | 0 34 | 19 21 | 0 40 | 8 29 | 1 31 | 23 30 | 0 8 | 20 10 | 0 30 | 16 42 | 6 40 | 2 53 | 2 22 | 15 32 | 1 33 | 4 25 |
| M 8 | 17 1 | 18 8 | 5 9 | 5 23 | 2 59 | 10 30 | 1 26 | 11 50 | 0 34 | 19 20 | 0 40 | 8 27 | 1 31 | 23 30 | 0 8 | 20 9 | 0 30 | 16 42 | 6 40 | 2 51 | 2 21 | 15 33 | 1 35 | 4 25 |
| T 9 | 17 17 | 17 14 | 5 5 | 5 49 | 3 0 | 10 56 | 1 25 | 12 6 | 0 33 | 19 18 | 0 40 | 8 26 | 1 31 | 23 30 | 0 8 | 20 9 | 0 30 | 16 42 | 6 40 | 2 49 | 2 19 | 15 34 | 1 36 | 4 25 |
| W10 | 17 33 | 15 32 | 4 46 | 6 15 | 3 1 | 11 22 | 1 24 | 12 22 | 0 33 | 19 16 | 0 40 | 8 24 | 1 31 | 23 30 | 0 8 | 20 9 | 0 30 | 16 42 | 6 40 | 2 47 | 2 18 | 15 35 | 1 37 | 4 25 |
| T 11 | 17 49 | 13 4 | 4 14 | 6 43 | 3 0 | 11 48 | 1 23 | 12 38 | 0 32 | 19 15 | 0 40 | 8 23 | 1 31 | 23 30 | 0 8 | 20 9 | 0 30 | 16 42 | 6 40 | 2 46 | 2 17 | 15 36 | 1 38 | 4 25 |
| F 12 | 18 4 | 9 56 | 3 28 | 7 12 | 3 0 | 12 13 | 1 22 | 12 53 | 0 31 | 19 13 | 0 40 | 8 22 | 1 32 | 23 30 | 0 8 | 20 9 | 0 30 | 16 42 | 6 40 | 2 46 | 2 16 | 15 37 | 1 39 | 4 25 |
| S 13 | 18 19 | 6 12 | 2 30 | 7 42 | 2 58 | 12 38 | 1 21 | 13 9 | 0 31 | 19 11 | 0 40 | 8 20 | 1 32 | 23 30 | 0 8 | 20 8 | 0 30 | 16 43 | 6 39 | 2 46 | 2 14 | 15 38 | 1 40 | 4 25 |
| S 14 | 18 34 | 2 3 | 1 22 | 8 14 | 2 56 | 13 3 | 1 20 | 13 24 | 0 30 | 19 9 | 0 40 | 8 19 | 1 32 | 23 30 | 0 8 | 20 8 | 0 30 | 16 43 | 6 39 | 2 47 | 2 13 | 15 39 | 1 41 | 4 26 |
| M15 | 18 48 | 2n22 | 0 7 | 8 46 | 2 54 | 13 28 | 1 18 | 13 39 | 0 30 | 19 7 | 0 40 | 8 18 | 1 32 | 23 30 | 0 8 | 20 8 | 0 30 | 16 43 | 6 39 | 2 47 | 2 12 | 15 40 | 1 42 | 4 26 |
| T 16 | 19 2 | 6 47 | 1s10 | 9 19 | 2 51 | 13 52 | 1 17 | 13 54 | 0 29 | 19 5 | 0 40 | 8 16 | 1 32 | 23 30 | 0 8 | 20 8 | 0 30 | 16 43 | 6 39 | 2 47 | 2 11 | 15 41 | 1 43 | 4 26 |
| W17 | 19 16 | 10 54 | 2 25 | 9 53 | 2 47 | 14 16 | 1 15 | 14 9 | 0 28 | 19 3 | 0 40 | 8 15 | 1 33 | 23 30 | 0 8 | 20 8 | 0 30 | 16 43 | 6 39 | 2 46 | 2 9 | 15 42 | 1 45 | 4 26 |
| T 18 | 19 29 | 14 22 | 3 31 | 10 27 | 2 43 | 14 39 | 1 14 | 14 24 | 0 28 | 19 1 | 0 40 | 8 14 | 1 33 | 23 30 | 0 8 | 20 7 | 0 30 | 16 43 | 6 39 | 2 44 | 2 8 | 15 43 | 1 46 | 4 26 |
| F 19 | 19 42 | 16 52 | 4 22 | 11 3 | 2 38 | 15 2 | 1 12 | 14 39 | 0 27 | 18 59 | 0 40 | 8 13 | 1 33 | 23 30 | 0 8 | 20 7 | 0 30 | 16 43 | 6 39 | 2 41 | 2 7 | 15 43 | 1 47 | 4 26 |
| S 20 | 19 55 | 18 10 | 4 55 | 11 38 | 2 33 | 15 25 | 1 11 | 14 53 | 0 27 | 18 57 | 0 40 | 8 12 | 1 33 | 23 30 | 0 8 | 20 7 | 0 30 | 16 43 | 6 38 | 2 38 | 2 6 | 15 44 | 1 48 | 4 27 |
| S 21 | 20 7 | 18 9 | 5 6 | 12 15 | 2 27 | 15 48 | 1 9 | 15 7 | 0 26 | 18 55 | 0 40 | 8 11 | 1 34 | 23 30 | 0 8 | 20 7 | 0 30 | 16 43 | 6 38 | 2 35 | 2 4 | 15 45 | 1 49 | 4 27 |
| M22 | 20 19 | 16 56 | 4 57 | 12 52 | 2 21 | 16 10 | 1 8 | 15 22 | 0 25 | 18 53 | 0 40 | 8 10 | 1 34 | 23 30 | 0 8 | 20 6 | 0 30 | 16 44 | 6 38 | 2 33 | 2 3 | 15 46 | 1 50 | 4 27 |
| T 23 | 20 31 | 14 42 | 4 30 | 13 29 | 2 14 | 16 31 | 1 6 | 15 35 | 0 25 | 18 50 | 0 40 | 8 9 | 1 34 | 23 30 | 0 8 | 20 6 | 0 30 | 16 44 | 6 38 | 2 30 | 2 2 | 15 47 | 1 50 | 4 27 |
| W24 | 20 42 | 11 43 | 3 49 | 14 7 | 2 7 | 16 53 | 1 4 | 15 49 | 0 24 | 18 48 | 0 40 | 8 8 | 1 34 | 23 30 | 0 8 | 20 6 | 0 30 | 16 44 | 6 38 | 2 29 | 2 1 | 15 48 | 1 51 | 4 27 |
| T 25 | 20 53 | 8 12 | 2 56 | 14 45 | 1 59 | 17 13 | 1 2 | 16 3 | 0 23 | 18 46 | 0 40 | 8 7 | 1 34 | 23 30 | 0 8 | 20 6 | 0 30 | 16 44 | 6 38 | 2 29 | 1 59 | 15 49 | 1 52 | 4 27 |
| F 26 | 21 4 | 4 25 | 1 55 | 15 23 | 1 51 | 17 34 | 1 0 | 16 16 | 0 23 | 18 44 | 0 40 | 8 6 | 1 35 | 23 30 | 0 9 | 20 5 | 0 30 | 16 44 | 6 38 | 2 29 | 1 58 | 15 50 | 1 53 | 4 28 |
| S 27 | 21 14 | 0 32 | 0 51 | 16 1 | 1 42 | 17 54 | 0 59 | 16 30 | 0 22 | 18 41 | 0 40 | 8 5 | 1 35 | 23 30 | 0 9 | 20 5 | 0 30 | 16 44 | 6 38 | 2 29 | 1 57 | 15 51 | 1 54 | 4 28 |
| S 28 | 21 24 | 3s18 | 0n14 | 16 39 | 1 34 | 18 13 | 0 57 | 16 43 | 0 21 | 18 39 | 0 40 | 8 4 | 1 35 | 23 30 | 0 9 | 20 5 | 0 30 | 16 44 | 6 37 | 2 29 | 1 56 | 15 52 | 1 55 | 4 28 |
| M29 | 21 34 | 6 57 | 1 17 | 17 17 | 1 24 | 18 32 | 0 55 | 16 56 | 0 21 | 18 36 | 0 40 | 8 4 | 1 35 | 23 30 | 0 9 | 20 5 | 0 30 | 16 44 | 6 37 | 2 29 | 1 54 | 15 53 | 1 56 | 4 28 |
| T 30 | 21 43 | 10 17 | 2 17 | 17 54 | 1 15 | 18 51 | 0 53 | 17 8 | 0 20 | 18 34 | 0 40 | 8 3 | 1 35 | 23 30 | 0 9 | 20 4 | 0 30 | 16 44 | 6 37 | 2 28 | 1 53 | 15 54 | 1 57 | 4 28 |
| W31 | 21n51 | 13s10 | 3n10 | 18n31 | 1s 5 | 19n 9 | 0s51 | 17n21 | 0s20 | 18n32 | 0n40 | 8s 2 | 1s36 | 23s30 | 0s 9 | 20n 4 | 0s30 | 16n44 | 6s37 | 2s25 | 1s52 | 15s54 | 1n57 | 4n29 |

Julian Day Number = 2599953.5, Delta T = 08m57s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'15, Lahiri = 29°32'17


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## JUNE 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 37 53 | 10♊40'54 | 26♏29 | 29♉34 | 0♊36 | 20♉36 | 9♌28 | 13♓18 | 27°R 3 | 27♋50 | 2♋42 | 5°R58 | 4♎39 | 29♏45 | 24♓35 | T 1 |
| F 2 | 16 41 50 | 11°38'32 | 8♐21 | 1♊37 | 1°49 | 21°20 | 9°37 | 13°20 | 27♐ 0 | 27°51 | 2°43 | 5♎48 | 4°36 | 29°52 | 24°37 | F 2 |
| S 3 | 16 45 46 | 12°36'08 | 20°16 | 3°41 | 3° 3 | 22° 5 | 9°47 | 13°22 | 26°58 | 27°53 | 2°45 | 5°36 | 4°33 | 29°59 | 24°38 | S 3 |
| S 4 | 16 49 43 | 13°33'43 | 2♑15 | 5°46 | 4°17 | 22°49 | 9°57 | 13°24 | 26°55 | 27°55 | 2°46 | 5°24 | 4°29 | 0♐ 6 | 24°40 | S 4 |
| M 5 | 16 53 39 | 14°31'18 | 14°20 | 7°53 | 5°30 | 23°33 | 10° 7 | 13°26 | 26°53 | 27°56 | 2°47 | 5°12 | 4°26 | 0°12 | 24°41 | M 5 |
| T 6 | 16 57 36 | 15°28'51 | 26°33 | 10° 2 | 6°44 | 24°17 | 10°17 | 13°28 | 26°51 | 27°58 | 2°49 | 5° 2 | 4°23 | 0°19 | 24°42 | T 6 |
| W 7 | 17 1 33 | 16°26'23 | 8♒55 | 12°12 | 7°57 | 25° 1 | 10°27 | 13°30 | 26°48 | 28° 0 | 2°50 | 4°54 | 4°20 | 0°26 | 24°44 | W 7 |
| T 8 | 17 5 29 | 17°23'54 | 21°30 | 14°23 | 9°11 | 25°45 | 10°37 | 13°31 | 26°46 | 28° 2 | 2°51 | 4°49 | 4°17 | 0°32 | 24°45 | T 8 |
| F 9 | 17 9 26 | 18°21'25 | 4♓19 | 16°34 | 10°25 | 26°28 | 10°47 | 13°33 | 26°43 | 28° 3 | 2°53 | 4°46 | 4°13 | 0°39 | 24°46 | F 9 |
| S 10 | 17 13 22 | 19°18'54 | 17°27 | 18°46 | 11°38 | 27°12 | 10°57 | 13°34 | 26°41 | 28° 5 | 2°54 | 4°D46 | 4°10 | 0°46 | 24°47 | S 10 |
| S 11 | 17 17 19 | 20°16'23 | 0♈56 | 20°58 | 12°52 | 27°56 | 11° 8 | 13°36 | 26°39 | 28° 7 | 2°56 | 4°R46 | 4° 7 | 0°52 | 24°48 | S 11 |
| M12 | 17 21 15 | 21°13'52 | 14°48 | 23°10 | 14° 5 | 28°40 | 11°18 | 13°37 | 26°36 | 28° 9 | 2°57 | 4°45 | 4° 4 | 0°59 | 24°49 | M12 |
| T 13 | 17 25 12 | 22°11'19 | 29° 6 | 25°22 | 15°19 | 29°23 | 11°29 | 13°38 | 26°34 | 28°11 | 2°58 | 4°44 | 4° 1 | 1° 6 | 24°50 | T 13 |
| W14 | 17 29 8 | 23° 8'47 | 13♉46 | 27°33 | 16°33 | 0♊ 7 | 11°39 | 13°39 | 26°31 | 28°13 | 3° 0 | 4°40 | 3°58 | 1°13 | 24°51 | W14 |
| T 15 | 17 33 5 | 24° 6'13 | 28°46 | 29°44 | 17°46 | 0°50 | 11°50 | 13°40 | 26°29 | 28°15 | 3° 1 | 4°33 | 3°54 | 1°19 | 24°51 | T 15 |
| F 16 | 17 37 2 | 25° 3'39 | 13♊56 | 1♋53 | 19° 0 | 1°34 | 12° 1 | 13°41 | 26°26 | 28°16 | 3° 3 | 4°24 | 3°51 | 1°26 | 24°52 | F 16 |
| S 17 | 17 40 58 | 26° 1'04 | 29° 7 | 4° 1 | 20°14 | 2°17 | 12°12 | 13°42 | 26°24 | 28°18 | 3° 4 | 4°13 | 3°48 | 1°33 | 24°53 | S 17 |
| S 18 | 17 44 55 | 26°58'29 | 14♋ 8 | 6° 7 | 21°27 | 3° 1 | 12°23 | 13°42 | 26°21 | 28°20 | 3° 5 | 4° 2 | 3°45 | 1°39 | 24°53 | S 18 |
| M19 | 17 48 51 | 27°55'52 | 28°50 | 8°12 | 22°41 | 3°44 | 12°34 | 13°43 | 26°19 | 28°22 | 3° 7 | 3°53 | 3°42 | 1°46 | 24°54 | M19 |
| T 20 | 17 52 48 | 28°53'15 | 13♌ 6 | 10°15 | 23°55 | 4°27 | 12°45 | 13°43 | 26°16 | 28°24 | 3° 8 | 3°45 | 3°39 | 1°53 | 24°54 | T 20 |
| W21 | 17 56 44 | 29°50'36 | 26°53 | 12°16 | 25° 8 | 5°10 | 12°56 | 13°44 | 26°14 | 28°26 | 3°10 | 3°40 | 3°35 | 1°59 | 24°55 | W21 |
| T 22 | 18 0 41 | 0♋47'57 | 10♍11 | 14°14 | 26°22 | 5°53 | 13° 8 | 13°44 | 26°11 | 28°28 | 3°11 | 3°37 | 3°32 | 2° 6 | 24°55 | T 22 |
| F 23 | 18 4 37 | 1°45'17 | 23° 2 | 16°11 | 27°36 | 6°36 | 13°19 | 13°44 | 26° 9 | 28°30 | 3°13 | 3°36 | 3°29 | 2°13 | 24°56 | F 23 |
| S 24 | 18 8 34 | 2°42'36 | 5♎31 | 18° 6 | 28°49 | 7°19 | 13°30 | 13°R44 | 26° 7 | 28°32 | 3°14 | 3°36 | 3°26 | 2°20 | 24°56 | S 24 |
| S 25 | 18 12 31 | 3°39'54 | 17°42 | 19°58 | 0♋ 3 | 8° 2 | 13°42 | 13°44 | 26° 4 | 28°34 | 3°15 | 3°35 | 3°23 | 2°26 | 24°56 | S 25 |
| M26 | 18 16 27 | 4°37'11 | 29°42 | 21°48 | 1°17 | 8°45 | 13°53 | 13°44 | 26° 2 | 28°36 | 3°17 | 3°34 | 3°19 | 2°33 | 24°56 | M26 |
| T 27 | 18 20 24 | 5°34'27 | 11♏34 | 23°35 | 2°30 | 9°28 | 14° 5 | 13°44 | 25°59 | 28°39 | 3°18 | 3°30 | 3°16 | 2°40 | 24°56 | T 27 |
| W28 | 18 24 20 | 6°31'43 | 23°24 | 25°21 | 3°44 | 10°11 | 14°17 | 13°43 | 25°57 | 28°41 | 3°20 | 3°23 | 3°13 | 2°46 | 24°R56 | W28 |
| T 29 | 18 28 17 | 7°28'59 | 5♐15 | 27° 4 | 4°58 | 10°53 | 14°28 | 13°43 | 25°54 | 28°43 | 3°21 | 3°14 | 3°10 | 2°53 | 24°56 | T 29 |
| F 30 | 18 32 13 | 8♋26'13 | 17♐ 9 | 28♋45 | 6♋11 | 11♊36 | 14♌40 | 13♓42 | 25♐52 | 28♋45 | 3♋23 | 3♎ 3 | 3♎ 7 | 3♐ 0 | 24♓56 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 0 | 15s32 | 3n54 | 19n 7 | 0s55 | 19n26 | 0s49 | 17n33 | 0s19 | 18n29 | 0n40 | 8s 2 | 1s36 | 23s30 | 0s 9 | 20n 4 | 0s30 | 16n44 | 6s37 | 2s22 | 1s51 | 15s55 | 1n58 | 4n29 |
| F 2 | 22 8 | 17 13 | 4 29 | 19 43 | 0 44 | 19 43 | 0 46 | 17 46 | 0 18 | 18 26 | 0 40 | 8 1 | 1 36 | 23 30 | 0 9 | 20 3 | 0 30 | 16 45 | 6 37 | 2 18 | 1 49 | 15 56 | 1 59 | 4 29 |
| S 3 | 22 15 | 18 11 | 4 51 | 20 17 | 0 34 | 20 0 | 0 44 | 17 58 | 0 18 | 18 24 | 0 40 | 8 0 | 1 36 | 23 30 | 0 9 | 20 3 | 0 30 | 16 45 | 6 37 | 2 13 | 1 48 | 15 57 | 2 0 | 4 29 |
| S 4 | 22 23 | 18 20 | 5 2 | 20 51 | 0 23 | 20 16 | 0 42 | 18 10 | 0 17 | 18 21 | 0 40 | 8 0 | 1 37 | 23 30 | 0 9 | 20 3 | 0 30 | 16 45 | 6 37 | 2 8 | 1 47 | 15 58 | 2 0 | 4 29 |
| M 5 | 22 29 | 17 40 | 4 58 | 21 22 | 0 12 | 20 31 | 0 40 | 18 21 | 0 16 | 18 19 | 0 40 | 7 59 | 1 37 | 23 29 | 0 9 | 20 2 | 0 30 | 16 45 | 6 37 | 2 4 | 1 46 | 15 59 | 2 1 | 4 29 |
| T 6 | 22 36 | 16 11 | 4 41 | 21 53 | 0 2 | 20 46 | 0 38 | 18 33 | 0 16 | 18 16 | 0 40 | 7 59 | 1 37 | 23 29 | 0 9 | 20 2 | 0 30 | 16 45 | 6 37 | 2 0 | 1 44 | 16 0 | 2 2 | 4 30 |
| W 7 | 22 42 | 13 57 | 4 11 | 22 21 | 0n 9 | 21 0 | 0 36 | 18 44 | 0 15 | 18 13 | 0 40 | 7 58 | 1 37 | 23 29 | 0 9 | 20 2 | 0 30 | 16 45 | 6 36 | 1 57 | 1 43 | 16 1 | 2 2 | 4 30 |
| T 8 | 22 47 | 11 1 | 3 28 | 22 48 | 0 20 | 21 14 | 0 33 | 18 55 | 0 14 | 18 10 | 0 40 | 7 58 | 1 38 | 23 29 | 0 9 | 20 1 | 0 30 | 16 45 | 6 36 | 1 55 | 1 42 | 16 2 | 2 3 | 4 30 |
| F 9 | 22 52 | 7 31 | 2 34 | 23 12 | 0 30 | 21 27 | 0 31 | 19 6 | 0 14 | 18 8 | 0 40 | 7 57 | 1 38 | 23 29 | 0 9 | 20 1 | 0 30 | 16 45 | 6 36 | 1 54 | 1 41 | 16 2 | 2 4 | 4 30 |
| S 10 | 22 57 | 3 34 | 1 31 | 23 34 | 0 40 | 21 39 | 0 29 | 19 17 | 0 13 | 18 5 | 0 40 | 7 57 | 1 38 | 23 29 | 0 9 | 20 1 | 0 30 | 16 45 | 6 36 | 1 53 | 1 39 | 16 3 | 2 4 | 4 30 |
| S 11 | 23 2 | 0n41 | 0 20 | 23 54 | 0 49 | 21 51 | 0 26 | 19 27 | 0 12 | 18 2 | 0 40 | 7 57 | 1 38 | 23 29 | 0 9 | 20 0 | 0 30 | 16 45 | 6 36 | 1 53 | 1 38 | 16 4 | 2 5 | 4 31 |
| M12 | 23 6 | 5 0 | 0s53 | 24 11 | 0 58 | 22 2 | 0 24 | 19 38 | 0 12 | 17 59 | 0 40 | 7 57 | 1 38 | 23 29 | 0 9 | 20 0 | 0 30 | 16 45 | 6 36 | 1 53 | 1 37 | 16 5 | 2 5 | 4 31 |
| T 13 | 23 9 | 9 11 | 2 5 | 24 25 | 1 7 | 22 13 | 0 22 | 19 48 | 0 11 | 17 56 | 0 40 | 7 56 | 1 39 | 23 29 | 0 9 | 20 0 | 0 30 | 16 45 | 6 36 | 1 53 | 1 35 | 16 6 | 2 6 | 4 31 |
| W14 | 23 12 | 12 54 | 3 11 | 24 37 | 1 15 | 22 23 | 0 19 | 19 58 | 0 10 | 17 53 | 0 40 | 7 56 | 1 39 | 23 29 | 0 9 | 19 59 | 0 30 | 16 45 | 6 36 | 1 51 | 1 34 | 16 7 | 2 6 | 4 31 |
| T 15 | 23 15 | 15 51 | 4 5 | 24 46 | 1 23 | 22 32 | 0 17 | 20 7 | 0 10 | 17 50 | 0 40 | 7 56 | 1 39 | 23 29 | 0 9 | 19 59 | 0 29 | 16 45 | 6 36 | 1 48 | 1 33 | 16 8 | 2 7 | 4 31 |
| F 16 | 23 17 | 17 45 | 4 42 | 24 52 | 1 30 | 22 41 | 0 15 | 20 17 | 0 9 | 17 47 | 0 40 | 7 56 | 1 39 | 23 29 | 0 9 | 19 59 | 0 29 | 16 45 | 6 36 | 1 45 | 1 32 | 16 8 | 2 7 | 4 32 |
| S 17 | 23 19 | 18 23 | 5 0 | 24 55 | 1 36 | 22 49 | 0 12 | 20 26 | 0 8 | 17 44 | 0 40 | 7 56 | 1 40 | 23 29 | 0 9 | 19 58 | 0 29 | 16 45 | 6 36 | 1 40 | 1 30 | 16 9 | 2 8 | 4 32 |
| S 18 | 23 21 | 17 43 | 4 56 | 24 56 | 1 41 | 22 57 | 0 10 | 20 35 | 0 8 | 17 41 | 0 40 | 7 56 | 1 40 | 23 29 | 0 9 | 19 58 | 0 29 | 16 45 | 6 36 | 1 36 | 1 29 | 16 10 | 2 8 | 4 32 |
| M19 | 23 22 | 15 53 | 4 33 | 24 54 | 1 46 | 23 3 | 0 8 | 20 44 | 0 7 | 17 38 | 0 40 | 7 56 | 1 40 | 23 29 | 0 9 | 19 58 | 0 29 | 16 45 | 6 36 | 1 32 | 1 28 | 16 11 | 2 9 | 4 32 |
| T 20 | 23 23 | 13 7 | 3 53 | 24 49 | 1 50 | 23 10 | 0 5 | 20 53 | 0 6 | 17 35 | 0 40 | 7 56 | 1 40 | 23 29 | 0 9 | 19 57 | 0 29 | 16 45 | 6 35 | 1 29 | 1 27 | 16 12 | 2 9 | 4 32 |
| W21 | 23 23 | 9 41 | 3 1 | 24 42 | 1 53 | 23 15 | 0 3 | 21 1 | 0 5 | 17 32 | 0 40 | 7 56 | 1 40 | 23 29 | 0 9 | 19 57 | 0 29 | 16 45 | 6 35 | 1 27 | 1 25 | 16 13 | 2 9 | 4 33 |
| T 22 | 23 23 | 5 52 | 2 1 | 24 33 | 1 56 | 23 20 | 0 0 | 21 10 | 0 5 | 17 28 | 0 40 | 7 56 | 1 41 | 23 29 | 0 9 | 19 56 | 0 29 | 16 45 | 6 35 | 1 26 | 1 24 | 16 14 | 2 10 | 4 33 |
| F 23 | 23 22 | 1 54 | 0 56 | 24 21 | 1 57 | 23 24 | 0n 2 | 21 18 | 0 4 | 17 25 | 0 40 | 7 56 | 1 41 | 23 28 | 0 9 | 19 56 | 0 29 | 16 45 | 6 35 | 1 26 | 1 23 | 16 14 | 2 10 | 4 33 |
| S 24 | 23 21 | 2s 2 | 0n10 | 24 7 | 1 58 | 23 27 | 0 4 | 21 26 | 0 3 | 17 22 | 0 40 | 7 56 | 1 41 | 23 28 | 0 9 | 19 56 | 0 29 | 16 46 | 6 35 | 1 26 | 1 22 | 16 15 | 2 10 | 4 33 |
| S 25 | 23 20 | 5 48 | 1 14 | 23 52 | 1 59 | 23 30 | 0 7 | 21 33 | 0 3 | 17 19 | 0 40 | 7 57 | 1 41 | 23 28 | 0 9 | 19 55 | 0 29 | 16 46 | 6 35 | 1 25 | 1 20 | 16 16 | 2 11 | 4 33 |
| M26 | 23 18 | 9 15 | 2 13 | 23 34 | 1 58 | 23 32 | 0 9 | 21 41 | 0 2 | 17 15 | 0 40 | 7 57 | 1 42 | 23 28 | 0 9 | 19 55 | 0 29 | 16 46 | 6 35 | 1 25 | 1 19 | 16 17 | 2 11 | 4 34 |
| T 27 | 23 16 | 12 19 | 3 6 | 23 15 | 1 57 | 23 33 | 0 12 | 21 48 | 0 1 | 17 12 | 0 40 | 7 57 | 1 42 | 23 28 | 0 9 | 19 54 | 0 29 | 16 46 | 6 35 | 1 23 | 1 18 | 16 18 | 2 11 | 4 34 |
| W28 | 23 13 | 14 51 | 3 51 | 22 54 | 1 55 | 23 34 | 0 14 | 21 55 | 0 1 | 17 9 | 0 40 | 7 58 | 1 42 | 23 28 | 0 9 | 19 54 | 0 29 | 16 46 | 6 35 | 1 21 | 1 17 | 16 19 | 2 11 | 4 34 |
| T 29 | 23 10 | 16 46 | 4 26 | 22 32 | 1 52 | 23 34 | 0 16 | 22 2 | 0n 0 | 17 5 | 0 40 | 7 58 | 1 42 | 23 28 | 0 9 | 19 54 | 0 29 | 16 46 | 6 35 | 1 17 | 1 15 | 16 19 | 2 11 | 4 34 |
| F 30 | 23n 7 | 17s58 | 4n49 | 22n 9 | 1n49 | 23n33 | 0n19 | 22n 8 | 0n 1 | 17n 2 | 0n40 | 7s58 | 1s43 | 23s28 | 0s 9 | 19n53 | 0s29 | 16n46 | 6s35 | 1s13 | 1s14 | 16s20 | 2n12 | 4n34 |

Julian Day Number = 2599984.5, Delta T = 08m57s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'20, Lahiri = 29°32'21


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## JULY 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 36 10 | 9♋23'28 | 29♐10 | 0♌23 | 7♋25 | 12♊19 | 14♌52 | 13°R42 | 25°R50 | 28♋47 | 3♋24 | 2°R50 | 3♎ 4 | 3♐ 6 | 24°R56 | S 1 |
| S 2 | 18 40 6 | 10°20'42 | 11♑18 | 1°59 | 8°39 | 13° 1 | 15° 4 | 13♓41 | 25♐47 | 28°49 | 3°25 | 2♎36 | 3° 0 | 3°13 | 24♓56 | S 2 |
| M 3 | 18 44 3 | 11°17'55 | 23°34 | 3°32 | 9°52 | 13°44 | 15°16 | 13°40 | 25°45 | 28°51 | 3°27 | 2°24 | 2°57 | 3°20 | 24°56 | M 3 |
| T 4 | 18 48 0 | 12°15'09 | 5♒59 | 5° 4 | 11° 6 | 14°26 | 15°28 | 13°39 | 25°43 | 28°53 | 3°28 | 2°12 | 2°54 | 3°27 | 24°55 | T 4 |
| W 5 | 18 51 56 | 13°12'22 | 18°35 | 6°32 | 12°20 | 15° 8 | 15°40 | 13°38 | 25°40 | 28°56 | 3°30 | 2° 4 | 2°51 | 3°33 | 24°55 | W 5 |
| T 6 | 18 55 53 | 14° 9'35 | 1♓21 | 7°59 | 13°34 | 15°51 | 15°52 | 13°37 | 25°38 | 28°58 | 3°31 | 1°58 | 2°48 | 3°40 | 24°54 | T 6 |
| F 7 | 18 59 49 | 15° 6'48 | 14°20 | 9°23 | 14°47 | 16°33 | 16° 4 | 13°36 | 25°36 | 29° 0 | 3°33 | 1°55 | 2°45 | 3°47 | 24°54 | F 7 |
| S 8 | 19 3 46 | 16° 4'01 | 27°33 | 10°44 | 16° 1 | 17°15 | 16°16 | 13°34 | 25°33 | 29° 2 | 3°34 | 1°D54 | 2°41 | 3°53 | 24°53 | S 8 |
| S 9 | 19 7 42 | 17° 1'14 | 11♈ 2 | 12° 3 | 17°15 | 17°57 | 16°28 | 13°33 | 25°31 | 29° 4 | 3°35 | 1°R54 | 2°38 | 4° 0 | 24°53 | S 9 |
| M10 | 19 11 39 | 17°58'28 | 24°50 | 13°19 | 18°29 | 18°39 | 16°41 | 13°32 | 25°29 | 29° 6 | 3°37 | 1°54 | 2°35 | 4° 7 | 24°52 | M10 |
| T 11 | 19 15 35 | 18°55'41 | 8♉56 | 14°33 | 19°42 | 19°21 | 16°53 | 13°30 | 25°27 | 29° 9 | 3°38 | 1°53 | 2°32 | 4°14 | 24°52 | T 11 |
| W12 | 19 19 32 | 19°52'55 | 23°22 | 15°44 | 20°56 | 20° 3 | 17° 5 | 13°28 | 25°25 | 29°11 | 3°40 | 1°49 | 2°29 | 4°20 | 24°51 | W12 |
| T 13 | 19 23 29 | 20°50'10 | 8♊ 3 | 16°53 | 22°10 | 20°45 | 17°18 | 13°27 | 25°22 | 29°13 | 3°41 | 1°43 | 2°25 | 4°27 | 24°50 | T 13 |
| F 14 | 19 27 25 | 21°47'25 | 22°54 | 17°58 | 23°24 | 21°27 | 17°30 | 13°25 | 25°20 | 29°15 | 3°42 | 1°35 | 2°22 | 4°34 | 24°49 | F 14 |
| S 15 | 19 31 22 | 22°44'39 | 7♋48 | 19° 1 | 24°38 | 22° 9 | 17°43 | 13°23 | 25°18 | 29°17 | 3°44 | 1°25 | 2°19 | 4°40 | 24°48 | S 15 |
| S 16 | 19 35 18 | 23°41'55 | 22°35 | 20° 0 | 25°51 | 22°50 | 17°55 | 13°21 | 25°16 | 29°20 | 3°45 | 1°15 | 2°16 | 4°47 | 24°47 | S 16 |
| M17 | 19 39 15 | 24°39'10 | 7♌ 7 | 20°57 | 27° 5 | 23°32 | 18° 8 | 13°18 | 25°14 | 29°22 | 3°46 | 1° 6 | 2°13 | 4°54 | 24°46 | M17 |
| T 18 | 19 43 11 | 25°36'25 | 21°18 | 21°50 | 28°19 | 24°14 | 18°21 | 13°16 | 25°12 | 29°24 | 3°48 | 0°59 | 2°10 | 5° 0 | 24°45 | T 18 |
| W19 | 19 47 8 | 26°33'40 | 5♍ 4 | 22°40 | 29°33 | 24°55 | 18°33 | 13°14 | 25°10 | 29°26 | 3°49 | 0°54 | 2° 6 | 5° 7 | 24°44 | W19 |
| T 20 | 19 51 4 | 27°30'55 | 18°23 | 23°26 | 0♌47 | 25°37 | 18°46 | 13°12 | 25° 8 | 29°29 | 3°50 | 0°51 | 2° 3 | 5°14 | 24°43 | T 20 |
| F 21 | 19 55 1 | 28°28'11 | 1♎16 | 24° 9 | 2° 1 | 26°18 | 18°59 | 13° 9 | 25° 6 | 29°31 | 3°52 | 0°D50 | 2° 0 | 5°21 | 24°42 | F 21 |
| S 22 | 19 58 58 | 29°25'26 | 13°48 | 24°48 | 3°14 | 26°59 | 19°12 | 13° 7 | 25° 4 | 29°33 | 3°53 | 0°51 | 1°57 | 5°27 | 24°40 | S 22 |
| S 23 | 20 2 54 | 0♌22'41 | 26° 1 | 25°24 | 4°28 | 27°41 | 19°24 | 13° 4 | 25° 2 | 29°35 | 3°54 | 0°R52 | 1°54 | 5°34 | 24°39 | S 23 |
| M24 | 20 6 51 | 1°19'57 | 8♏ 2 | 25°55 | 5°42 | 28°22 | 19°37 | 13° 1 | 25° 1 | 29°37 | 3°56 | 0°51 | 1°51 | 5°41 | 24°38 | M24 |
| T 25 | 20 10 47 | 2°17'12 | 19°56 | 26°22 | 6°56 | 29° 3 | 19°50 | 12°58 | 24°59 | 29°40 | 3°57 | 0°50 | 1°47 | 5°47 | 24°36 | T 25 |
| W26 | 20 14 44 | 3°14'28 | 1♐47 | 26°44 | 8°10 | 29°44 | 20° 3 | 12°55 | 24°57 | 29°42 | 3°58 | 0°46 | 1°44 | 5°54 | 24°35 | W26 |
| T 27 | 20 18 40 | 4°11'44 | 13°40 | 27° 3 | 9°24 | 0♋25 | 20°16 | 12°52 | 24°55 | 29°44 | 3°59 | 0°40 | 1°41 | 6° 1 | 24°33 | T 27 |
| F 28 | 20 22 37 | 5° 9'01 | 25°39 | 27°16 | 10°38 | 1° 6 | 20°29 | 12°49 | 24°54 | 29°46 | 4° 1 | 0°32 | 1°38 | 6° 8 | 24°31 | F 28 |
| S 29 | 20 26 33 | 6° 6'17 | 7♑46 | 27°25 | 11°51 | 1°47 | 20°42 | 12°46 | 24°52 | 29°49 | 4° 2 | 0°23 | 1°35 | 6°14 | 24°30 | S 29 |
| S 30 | 20 30 30 | 7° 3'34 | 20° 3 | 27°R29 | 13° 5 | 2°28 | 20°55 | 12°43 | 24°50 | 29°51 | 4° 3 | 0°13 | 1°31 | 6°21 | 24°28 | S 30 |
| M31 | 20 34 27 | 8♌ 0'52 | 2♒33 | 27♌28 | 14♌19 | 3♋ 8 | 21♌ 8 | 12♓40 | 24♐49 | 29♋53 | 4♋ 4 | 0♎ 4 | 1♎28 | 6♐28 | 24♓26 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 3 | 18s23 | 4n59 | 21n44 | 1n45 | 23n31 | 0n21 | 22n15 | 0n 1 | 16n58 | 0n40 | 7s59 | 1s43 | 23s28 | 0s 9 | 19n53 | 0s29 | 16n46 | 6s35 | 1s 7 | 1s13 | 16s21 | 2n12 | 4n35 |
| S 2 | 22 59 | 17 59 | 4 57 | 21 18 | 1 41 | 23 29 | 0 23 | 22 21 | 0 2 | 16 55 | 0 40 | 7 59 | 1 43 | 23 28 | 0 9 | 19 52 | 0 29 | 16 46 | 6 35 | 1 2 | 1 12 | 16 22 | 2 12 | 4 35 |
| M 3 | 22 54 | 16 44 | 4 40 | 20 52 | 1 35 | 23 26 | 0 25 | 22 27 | 0 3 | 16 51 | 0 40 | 8 0 | 1 43 | 23 28 | 0 9 | 19 52 | 0 29 | 16 46 | 6 35 | 0 57 | 1 10 | 16 23 | 2 12 | 4 35 |
| T 4 | 22 49 | 14 41 | 4 10 | 20 24 | 1 30 | 23 23 | 0 28 | 22 32 | 0 4 | 16 48 | 0 40 | 8 0 | 1 43 | 23 28 | 0 9 | 19 52 | 0 29 | 16 46 | 6 35 | 0 53 | 1 9 | 16 23 | 2 12 | 4 35 |
| W 5 | 22 44 | 11 56 | 3 28 | 19 56 | 1 23 | 23 19 | 0 30 | 22 38 | 0 4 | 16 44 | 0 40 | 8 1 | 1 44 | 23 28 | 0 9 | 19 51 | 0 29 | 16 46 | 6 35 | 0 49 | 1 8 | 16 24 | 2 12 | 4 35 |
| T 6 | 22 38 | 8 34 | 2 34 | 19 27 | 1 16 | 23 14 | 0 32 | 22 43 | 0 5 | 16 41 | 0 40 | 8 2 | 1 44 | 23 28 | 0 9 | 19 51 | 0 29 | 16 46 | 6 35 | 0 47 | 1 7 | 16 25 | 2 12 | 4 36 |
| F 7 | 22 32 | 4 45 | 1 32 | 18 58 | 1 9 | 23 8 | 0 34 | 22 48 | 0 6 | 16 37 | 0 40 | 8 2 | 1 44 | 23 28 | 0 9 | 19 50 | 0 29 | 16 45 | 6 35 | 0 46 | 1 5 | 16 26 | 2 12 | 4 36 |
| S 8 | 22 25 | 0 37 | 0 23 | 18 28 | 1 1 | 23 2 | 0 37 | 22 53 | 0 6 | 16 34 | 0 40 | 8 3 | 1 44 | 23 27 | 0 9 | 19 50 | 0 29 | 16 45 | 6 35 | 0 45 | 1 4 | 16 27 | 2 12 | 4 36 |
| S 9 | 22 18 | 3n37 | 0s48 | 17 58 | 0 52 | 22 55 | 0 39 | 22 57 | 0 7 | 16 30 | 0 40 | 8 4 | 1 45 | 23 27 | 0 9 | 19 49 | 0 29 | 16 45 | 6 35 | 0 45 | 1 3 | 16 27 | 2 12 | 4 36 |
| M10 | 22 11 | 7 45 | 1 58 | 17 28 | 0 43 | 22 47 | 0 41 | 23 2 | 0 8 | 16 26 | 0 40 | 8 5 | 1 45 | 23 27 | 0 9 | 19 49 | 0 29 | 16 45 | 6 35 | 0 45 | 1 1 | 16 28 | 2 12 | 4 36 |
| T 11 | 22 3 | 11 33 | 3 3 | 16 58 | 0 33 | 22 39 | 0 43 | 23 6 | 0 9 | 16 23 | 0 40 | 8 5 | 1 45 | 23 27 | 0 9 | 19 48 | 0 29 | 16 45 | 6 35 | 0 45 | 1 0 | 16 29 | 2 12 | 4 37 |
| W12 | 21 55 | 14 44 | 3 57 | 16 27 | 0 23 | 22 30 | 0 45 | 23 10 | 0 9 | 16 19 | 0 40 | 8 6 | 1 45 | 23 27 | 0 9 | 19 48 | 0 29 | 16 45 | 6 35 | 0 43 | 0 59 | 16 30 | 2 12 | 4 37 |
| T 13 | 21 46 | 17 2 | 4 37 | 15 57 | 0 13 | 22 20 | 0 47 | 23 14 | 0 10 | 16 15 | 0 40 | 8 7 | 1 45 | 23 27 | 0 9 | 19 48 | 0 29 | 16 45 | 6 35 | 0 41 | 0 58 | 16 31 | 2 11 | 4 37 |
| F 14 | 21 37 | 18 13 | 4 59 | 15 26 | 0 2 | 22 10 | 0 49 | 23 17 | 0 11 | 16 11 | 0 40 | 8 8 | 1 46 | 23 27 | 0 9 | 19 47 | 0 29 | 16 45 | 6 35 | 0 38 | 0 56 | 16 31 | 2 11 | 4 37 |
| S 15 | 21 28 | 18 9 | 5 1 | 14 56 | 0s 9 | 21 59 | 0 51 | 23 20 | 0 11 | 16 8 | 0 40 | 8 9 | 1 46 | 23 27 | 0 9 | 19 47 | 0 29 | 16 45 | 6 35 | 0 34 | 0 55 | 16 32 | 2 11 | 4 37 |
| S 16 | 21 19 | 16 52 | 4 42 | 14 27 | 0 21 | 21 47 | 0 53 | 23 24 | 0 12 | 16 4 | 0 40 | 8 10 | 1 46 | 23 27 | 0 9 | 19 46 | 0 29 | 16 45 | 6 35 | 0 30 | 0 54 | 16 33 | 2 11 | 4 37 |
| M17 | 21 9 | 14 29 | 4 5 | 13 57 | 0 33 | 21 35 | 0 55 | 23 26 | 0 13 | 16 0 | 0 40 | 8 11 | 1 46 | 23 27 | 0 9 | 19 46 | 0 29 | 16 45 | 6 35 | 0 26 | 0 53 | 16 34 | 2 11 | 4 38 |
| T 18 | 20 58 | 11 18 | 3 14 | 13 29 | 0 46 | 21 22 | 0 56 | 23 29 | 0 14 | 15 56 | 0 40 | 8 12 | 1 47 | 23 27 | 0 9 | 19 45 | 0 29 | 16 45 | 6 35 | 0 23 | 0 51 | 16 34 | 2 10 | 4 38 |
| W19 | 20 48 | 7 34 | 2 13 | 13 1 | 0 58 | 21 9 | 0 58 | 23 31 | 0 14 | 15 52 | 0 40 | 8 13 | 1 47 | 23 27 | 0 9 | 19 45 | 0 29 | 16 45 | 6 35 | 0 21 | 0 50 | 16 35 | 2 10 | 4 38 |
| T 20 | 20 37 | 3 34 | 1 6 | 12 33 | 1 11 | 20 55 | 1 0 | 23 34 | 0 15 | 15 48 | 0 40 | 8 14 | 1 47 | 23 27 | 0 9 | 19 44 | 0 29 | 16 45 | 6 35 | 0 20 | 0 49 | 16 36 | 2 10 | 4 38 |
| F 21 | 20 25 | 0s28 | 0n 2 | 12 7 | 1 24 | 20 40 | 1 2 | 23 36 | 0 16 | 15 44 | 0 40 | 8 15 | 1 47 | 23 27 | 0 9 | 19 44 | 0 29 | 16 45 | 6 35 | 0 20 | 0 48 | 16 37 | 2 9 | 4 38 |
| S 22 | 20 13 | 4 22 | 1 9 | 11 41 | 1 38 | 20 25 | 1 3 | 23 37 | 0 16 | 15 40 | 0 40 | 8 16 | 1 47 | 23 27 | 0 9 | 19 44 | 0 29 | 16 45 | 6 35 | 0 20 | 0 46 | 16 38 | 2 9 | 4 38 |
| S 23 | 20 1 | 8 0 | 2 10 | 11 17 | 1 52 | 20 9 | 1 5 | 23 39 | 0 17 | 15 36 | 0 40 | 8 18 | 1 48 | 23 26 | 0 9 | 19 43 | 0 29 | 16 45 | 6 35 | 0 20 | 0 45 | 16 38 | 2 9 | 4 39 |
| M24 | 19 49 | 11 14 | 3 5 | 10 53 | 2 5 | 19 53 | 1 6 | 23 40 | 0 18 | 15 32 | 0 40 | 8 19 | 1 48 | 23 26 | 0 9 | 19 43 | 0 29 | 16 45 | 6 35 | 0 20 | 0 44 | 16 39 | 2 8 | 4 39 |
| T 25 | 19 36 | 13 58 | 3 51 | 10 31 | 2 19 | 19 36 | 1 8 | 23 41 | 0 19 | 15 28 | 0 41 | 8 20 | 1 48 | 23 26 | 0 9 | 19 42 | 0 29 | 16 45 | 6 35 | 0 20 | 0 43 | 16 40 | 2 8 | 4 39 |
| W26 | 19 23 | 16 6 | 4 28 | 10 10 | 2 33 | 19 18 | 1 9 | 23 42 | 0 19 | 15 24 | 0 41 | 8 21 | 1 48 | 23 26 | 0 9 | 19 42 | 0 29 | 16 45 | 6 35 | 0 18 | 0 41 | 16 41 | 2 7 | 4 39 |
| T 27 | 19 10 | 17 33 | 4 52 | 9 51 | 2 47 | 19 0 | 1 11 | 23 43 | 0 20 | 15 20 | 0 41 | 8 23 | 1 48 | 23 26 | 0 9 | 19 41 | 0 29 | 16 45 | 6 35 | 0 16 | 0 40 | 16 41 | 2 7 | 4 39 |
| F 28 | 18 56 | 18 15 | 5 4 | 9 34 | 3 0 | 18 41 | 1 12 | 23 43 | 0 21 | 15 16 | 0 41 | 8 24 | 1 49 | 23 26 | 0 9 | 19 41 | 0 29 | 16 45 | 6 35 | 0 13 | 0 39 | 16 42 | 2 6 | 4 39 |
| S 29 | 18 42 | 18 7 | 5 3 | 9 18 | 3 14 | 18 22 | 1 13 | 23 44 | 0 21 | 15 12 | 0 41 | 8 25 | 1 49 | 23 26 | 0 9 | 19 40 | 0 29 | 16 45 | 6 35 | 0 9 | 0 38 | 16 43 | 2 6 | 4 40 |
| S 30 | 18 28 | 17 9 | 4 47 | 9 5 | 3 27 | 18 3 | 1 15 | 23 44 | 0 22 | 15 8 | 0 41 | 8 27 | 1 49 | 23 26 | 0 9 | 19 40 | 0 29 | 16 44 | 6 35 | 0 5 | 0 36 | 16 44 | 2 5 | 4 40 |
| M31 | 18n13 | 15s21 | 4n18 | 8n53 | 3s40 | 17n42 | 1n16 | 23n44 | 0n23 | 15n 4 | 0n41 | 8s28 | 1s49 | 23s26 | 0s 9 | 19n39 | 0s29 | 16n44 | 6s35 | 0s 1 | 0s35 | 16s44 | 2n 5 | 4n40 |

Julian Day Number = 2600014.5, Delta T = 08m57s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'24, Lahiri = 29°32'25


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## AUGUST 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 38 23 | 8♌58'10 | 15♒14 | 27°R22 | 15♌33 | 3♋49 | 21♌21 | 12°R37 | 24°R47 | 29♋55 | 4♋ 6 | 29°R56 | 1♎25 | 6♐34 | 24°R25 | T 1 |
| W 2 | 20 42 20 | 9°55'29 | 28° 8 | 27♌11 | 16°47 | 4°30 | 21°34 | 12♓33 | 24♐46 | 29°57 | 4° 7 | 29♍50 | 1°22 | 6°41 | 24♓23 | W 2 |
| T 3 | 20 46 16 | 10°52'48 | 11♓13 | 26°55 | 18° 1 | 5°10 | 21°47 | 12°30 | 24°44 | 29°59 | 4° 8 | 29°46 | 1°19 | 6°48 | 24°21 | T 3 |
| F 4 | 20 50 13 | 11°50'08 | 24°30 | 26°34 | 19°15 | 5°51 | 22° 0 | 12°26 | 24°43 | 0♌ 2 | 4° 9 | 29°D44 | 1°16 | 6°55 | 24°19 | F 4 |
| S 5 | 20 54 9 | 12°47'30 | 7♈59 | 26° 8 | 20°29 | 6°31 | 22°13 | 12°23 | 24°41 | 0° 4 | 4°10 | 29°44 | 1°12 | 7° 1 | 24°17 | S 5 |
| S 6 | 20 58 6 | 13°44'52 | 21°39 | 25°38 | 21°43 | 7°12 | 22°26 | 12°19 | 24°40 | 0° 6 | 4°12 | 29°45 | 1° 9 | 7° 8 | 24°15 | S 6 |
| M 7 | 21 2 2 | 14°42'15 | 5♉31 | 25° 4 | 22°57 | 7°52 | 22°39 | 12°15 | 24°39 | 0° 8 | 4°13 | 29°47 | 1° 6 | 7°15 | 24°13 | M 7 |
| T 8 | 21 5 59 | 15°39'39 | 19°35 | 24°26 | 24°11 | 8°32 | 22°52 | 12°11 | 24°38 | 0°11 | 4°14 | 29°R47 | 1° 3 | 7°21 | 24°11 | T 8 |
| W 9 | 21 9 56 | 16°37'05 | 3♊50 | 23°45 | 25°25 | 9°13 | 23° 5 | 12° 8 | 24°36 | 0°13 | 4°15 | 29°46 | 1° 0 | 7°28 | 24° 9 | W 9 |
| T 10 | 21 13 52 | 17°34'32 | 18°13 | 23° 1 | 26°39 | 9°53 | 23°18 | 12° 4 | 24°35 | 0°15 | 4°16 | 29°43 | 0°56 | 7°35 | 24° 7 | T 10 |
| F 11 | 21 17 49 | 18°32'00 | 2♋41 | 22°16 | 27°53 | 10°33 | 23°31 | 12° 0 | 24°34 | 0°17 | 4°17 | 29°38 | 0°53 | 7°42 | 24° 4 | F 11 |
| S 12 | 21 21 45 | 19°29'29 | 17° 9 | 21°30 | 29° 6 | 11°13 | 23°45 | 11°56 | 24°33 | 0°19 | 4°18 | 29°32 | 0°50 | 7°48 | 24° 2 | S 12 |
| S 13 | 21 25 42 | 20°26'59 | 1♌32 | 20°43 | 0♍20 | 11°53 | 23°58 | 11°52 | 24°32 | 0°21 | 4°19 | 29°26 | 0°47 | 7°55 | 24° 0 | S 13 |
| M14 | 21 29 38 | 21°24'31 | 15°42 | 19°57 | 1°34 | 12°33 | 24°11 | 11°48 | 24°31 | 0°23 | 4°20 | 29°21 | 0°44 | 8° 2 | 23°58 | M14 |
| T 15 | 21 33 35 | 22°22'03 | 29°36 | 19°12 | 2°48 | 13°13 | 24°24 | 11°44 | 24°30 | 0°25 | 4°21 | 29°16 | 0°41 | 8° 8 | 23°55 | T 15 |
| W16 | 21 37 31 | 23°19'36 | 13♍10 | 18°30 | 4° 2 | 13°53 | 24°37 | 11°39 | 24°29 | 0°28 | 4°22 | 29°13 | 0°37 | 8°15 | 23°53 | W16 |
| T 17 | 21 41 28 | 24°17'10 | 26°23 | 17°51 | 5°16 | 14°32 | 24°50 | 11°35 | 24°28 | 0°30 | 4°23 | 29°D12 | 0°34 | 8°22 | 23°50 | T 17 |
| F 18 | 21 45 25 | 25°14'46 | 9♎13 | 17°16 | 6°30 | 15°12 | 25° 4 | 11°31 | 24°27 | 0°32 | 4°24 | 29°13 | 0°31 | 8°28 | 23°48 | F 18 |
| S 19 | 21 49 21 | 26°12'22 | 21°44 | 16°45 | 7°44 | 15°52 | 25°17 | 11°27 | 24°27 | 0°34 | 4°25 | 29°14 | 0°28 | 8°35 | 23°46 | S 19 |
| S 20 | 21 53 18 | 27° 9'59 | 3♏59 | 16°20 | 8°58 | 16°31 | 25°30 | 11°22 | 24°26 | 0°36 | 4°26 | 29°16 | 0°25 | 8°42 | 23°43 | S 20 |
| M21 | 21 57 14 | 28° 7'37 | 16° 2 | 16° 1 | 10°12 | 17°11 | 25°43 | 11°18 | 24°25 | 0°38 | 4°27 | 29°17 | 0°22 | 8°49 | 23°40 | M21 |
| T 22 | 22 1 11 | 29° 5'16 | 27°57 | 15°49 | 11°26 | 17°50 | 25°56 | 11°14 | 24°25 | 0°40 | 4°28 | 29°R18 | 0°18 | 8°55 | 23°38 | T 22 |
| W23 | 22 5 7 | 0♍ 2'56 | 9♐49 | 15°D43 | 12°40 | 18°29 | 26° 9 | 11° 9 | 24°24 | 0°42 | 4°29 | 29°17 | 0°15 | 9° 2 | 23°35 | W23 |
| T 24 | 22 9 4 | 1° 0'37 | 21°44 | 15°44 | 13°54 | 19° 9 | 26°23 | 11° 5 | 24°24 | 0°44 | 4°30 | 29°16 | 0°12 | 9° 9 | 23°33 | T 24 |
| F 25 | 22 13 0 | 1°58'19 | 3♑45 | 15°53 | 15° 8 | 19°48 | 26°36 | 11° 0 | 24°23 | 0°46 | 4°31 | 29°13 | 0° 9 | 9°15 | 23°30 | F 25 |
| S 26 | 22 16 57 | 2°56'02 | 15°57 | 16° 9 | 16°22 | 20°27 | 26°49 | 10°56 | 24°23 | 0°48 | 4°32 | 29° 9 | 0° 6 | 9°22 | 23°27 | S 26 |
| S 27 | 22 20 54 | 3°53'46 | 28°21 | 16°33 | 17°36 | 21° 6 | 27° 2 | 10°51 | 24°22 | 0°50 | 4°32 | 29° 5 | 0° 2 | 9°29 | 23°25 | S 27 |
| M28 | 22 24 50 | 4°51'31 | 11♒ 2 | 17° 5 | 18°50 | 21°45 | 27°15 | 10°47 | 24°22 | 0°52 | 4°33 | 29° 1 | 29♍59 | 9°36 | 23°22 | M28 |
| T 29 | 22 28 47 | 5°49'18 | 23°58 | 17°43 | 20° 4 | 22°24 | 27°28 | 10°42 | 24°22 | 0°54 | 4°34 | 28°58 | 29°56 | 9°42 | 23°19 | T 29 |
| W30 | 22 32 43 | 6°47'06 | 7♓11 | 18°30 | 21°18 | 23° 3 | 27°41 | 10°38 | 24°22 | 0°55 | 4°35 | 28°55 | 29°53 | 9°49 | 23°16 | W30 |
| T 31 | 22 36 40 | 7♍44'55 | 20♓40 | 19♌23 | 22♍32 | 23♋42 | 27♌54 | 10♓33 | 24♐21 | 0♌57 | 4♋35 | 28♍54 | 29♍50 | 9♐56 | 23♓14 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n58 | 12s47 | 3n36 | 8n43 | 3s52 | 17n22 | 1n17 | 23n43 | 0n24 | 15n 0 | 0n41 | 8s30 | 1s49 | 23s26 | 0s 9 | 19n39 | 0s29 | 16n44 | 6s35 | 0n 2 | 0s34 | 16s45 | 2n 4 | 4n40 |
| W 2 | 17 43 | 9 34 | 2 42 | 8 36 | 4 4 | 17 1 | 1 18 | 23 43 | 0 24 | 14 56 | 0 41 | 8 31 | 1 49 | 23 26 | 0 9 | 19 39 | 0 29 | 16 44 | 6 35 | 0 4 | 0 33 | 16 46 | 2 4 | 4 40 |
| T 3 | 17 28 | 5 50 | 1 38 | 8 31 | 4 15 | 16 39 | 1 19 | 23 42 | 0 25 | 14 52 | 0 41 | 8 33 | 1 50 | 23 26 | 0 9 | 19 38 | 0 29 | 16 44 | 6 35 | 0 6 | 0 31 | 16 47 | 2 3 | 4 40 |
| F 4 | 17 12 | 1 45 | 0 28 | 8 29 | 4 24 | 16 17 | 1 20 | 23 41 | 0 26 | 14 48 | 0 41 | 8 34 | 1 50 | 23 26 | 0 9 | 19 38 | 0 29 | 16 44 | 6 35 | 0 6 | 0 30 | 16 47 | 2 2 | 4 40 |
| S 5 | 16 56 | 2n29 | 0s44 | 8 29 | 4 33 | 15 55 | 1 21 | 23 40 | 0 26 | 14 43 | 0 41 | 8 36 | 1 50 | 23 26 | 0 9 | 19 37 | 0 29 | 16 44 | 6 35 | 0 6 | 0 29 | 16 48 | 2 2 | 4 40 |
| S 6 | 16 40 | 6 38 | 1 56 | 8 32 | 4 41 | 15 32 | 1 22 | 23 38 | 0 27 | 14 39 | 0 41 | 8 37 | 1 50 | 23 26 | 0 9 | 19 37 | 0 29 | 16 44 | 6 35 | 0 6 | 0 27 | 16 49 | 2 1 | 4 41 |
| M 7 | 16 23 | 10 29 | 3 1 | 8 37 | 4 48 | 15 8 | 1 23 | 23 37 | 0 28 | 14 35 | 0 41 | 8 39 | 1 50 | 23 26 | 0 9 | 19 36 | 0 29 | 16 44 | 6 35 | 0 5 | 0 26 | 16 49 | 2 0 | 4 41 |
| T 8 | 16 6 | 13 47 | 3 57 | 8 45 | 4 53 | 14 45 | 1 23 | 23 35 | 0 29 | 14 31 | 0 41 | 8 40 | 1 50 | 23 26 | 0 9 | 19 36 | 0 29 | 16 44 | 6 35 | 0 5 | 0 25 | 16 50 | 2 0 | 4 41 |
| W 9 | 15 49 | 16 18 | 4 39 | 8 55 | 4 56 | 14 20 | 1 24 | 23 33 | 0 29 | 14 26 | 0 41 | 8 42 | 1 51 | 23 26 | 0 9 | 19 35 | 0 29 | 16 44 | 6 35 | 0 6 | 0 24 | 16 51 | 1 59 | 4 41 |
| T 10 | 15 32 | 17 50 | 5 3 | 9 7 | 4 58 | 13 56 | 1 25 | 23 31 | 0 30 | 14 22 | 0 41 | 8 44 | 1 51 | 23 26 | 0 9 | 19 35 | 0 29 | 16 44 | 6 35 | 0 7 | 0 22 | 16 52 | 1 58 | 4 41 |
| F 11 | 15 14 | 18 12 | 5 9 | 9 21 | 4 58 | 13 31 | 1 25 | 23 29 | 0 31 | 14 18 | 0 41 | 8 45 | 1 51 | 23 25 | 0 9 | 19 34 | 0 29 | 16 44 | 6 36 | 0 9 | 0 21 | 16 52 | 1 57 | 4 41 |
| S 12 | 14 56 | 17 24 | 4 55 | 9 38 | 4 56 | 13 6 | 1 26 | 23 26 | 0 32 | 14 14 | 0 41 | 8 47 | 1 51 | 23 25 | 0 9 | 19 34 | 0 29 | 16 43 | 6 36 | 0 11 | 0 20 | 16 53 | 1 57 | 4 41 |
| S 13 | 14 38 | 15 30 | 4 23 | 9 56 | 4 52 | 12 40 | 1 26 | 23 23 | 0 32 | 14 9 | 0 42 | 8 49 | 1 51 | 23 25 | 0 9 | 19 34 | 0 29 | 16 43 | 6 36 | 0 13 | 0 19 | 16 54 | 1 56 | 4 41 |
| M14 | 14 20 | 12 41 | 3 34 | 10 15 | 4 47 | 12 14 | 1 26 | 23 20 | 0 33 | 14 5 | 0 42 | 8 50 | 1 51 | 23 25 | 0 9 | 19 33 | 0 29 | 16 43 | 6 36 | 0 16 | 0 17 | 16 54 | 1 55 | 4 41 |
| T 15 | 14 1 | 9 11 | 2 34 | 10 36 | 4 39 | 11 48 | 1 27 | 23 17 | 0 34 | 14 1 | 0 42 | 8 52 | 1 51 | 23 25 | 0 9 | 19 33 | 0 29 | 16 43 | 6 36 | 0 17 | 0 16 | 16 55 | 1 54 | 4 41 |
| W16 | 13 43 | 5 16 | 1 26 | 10 57 | 4 30 | 11 21 | 1 27 | 23 14 | 0 34 | 13 56 | 0 42 | 8 54 | 1 52 | 23 25 | 0 9 | 19 32 | 0 29 | 16 43 | 6 36 | 0 18 | 0 15 | 16 56 | 1 53 | 4 42 |
| T 17 | 13 24 | 1 12 | 0 15 | 11 19 | 4 20 | 10 54 | 1 27 | 23 11 | 0 35 | 13 52 | 0 42 | 8 55 | 1 52 | 23 25 | 0 9 | 19 32 | 0 29 | 16 43 | 6 36 | 0 19 | 0 14 | 16 56 | 1 52 | 4 42 |
| F 18 | 13 5 | 2s49 | 0n54 | 11 41 | 4 8 | 10 27 | 1 27 | 23 7 | 0 36 | 13 48 | 0 42 | 8 57 | 1 52 | 23 25 | 0 9 | 19 31 | 0 29 | 16 43 | 6 36 | 0 19 | 0 12 | 16 57 | 1 51 | 4 42 |
| S 19 | 12 45 | 6 36 | 2 0 | 12 3 | 3 54 | 10 0 | 1 27 | 23 3 | 0 37 | 13 43 | 0 42 | 8 59 | 1 52 | 23 25 | 0 9 | 19 31 | 0 29 | 16 43 | 6 36 | 0 18 | 0 11 | 16 58 | 1 50 | 4 42 |
| S 20 | 12 26 | 10 1 | 2 59 | 12 24 | 3 40 | 9 32 | 1 27 | 22 59 | 0 37 | 13 39 | 0 42 | 9 1 | 1 52 | 23 25 | 0 9 | 19 31 | 0 29 | 16 43 | 6 36 | 0 18 | 0 10 | 16 59 | 1 50 | 4 42 |
| M21 | 12 6 | 12 57 | 3 48 | 12 45 | 3 24 | 9 4 | 1 27 | 22 55 | 0 38 | 13 35 | 0 42 | 9 2 | 1 52 | 23 25 | 0 9 | 19 30 | 0 29 | 16 43 | 6 36 | 0 17 | 0 9 | 16 59 | 1 49 | 4 42 |
| T 22 | 11 46 | 15 18 | 4 28 | 13 4 | 3 8 | 8 36 | 1 27 | 22 50 | 0 39 | 13 30 | 0 42 | 9 4 | 1 52 | 23 25 | 0 9 | 19 30 | 0 29 | 16 43 | 6 36 | 0 17 | 0 7 | 17 0 | 1 48 | 4 42 |
| W23 | 11 26 | 17 0 | 4 56 | 13 22 | 2 51 | 8 7 | 1 26 | 22 46 | 0 40 | 13 26 | 0 42 | 9 6 | 1 52 | 23 25 | 0 9 | 19 29 | 0 29 | 16 42 | 6 36 | 0 17 | 0 6 | 17 1 | 1 47 | 4 42 |
| T 24 | 11 5 | 17 58 | 5 11 | 13 38 | 2 33 | 7 38 | 1 26 | 22 41 | 0 40 | 13 22 | 0 42 | 9 8 | 1 53 | 23 25 | 0 9 | 19 29 | 0 29 | 16 42 | 6 36 | 0 18 | 0 5 | 17 1 | 1 46 | 4 42 |
| F 25 | 10 45 | 18 8 | 5 12 | 13 53 | 2 16 | 7 10 | 1 26 | 22 36 | 0 41 | 13 17 | 0 42 | 9 9 | 1 53 | 23 25 | 0 9 | 19 28 | 0 29 | 16 42 | 6 36 | 0 19 | 0 4 | 17 2 | 1 45 | 4 42 |
| S 26 | 10 24 | 17 28 | 5 0 | 14 5 | 1 58 | 6 40 | 1 25 | 22 31 | 0 42 | 13 13 | 0 42 | 9 11 | 1 53 | 23 25 | 0 9 | 19 28 | 0 29 | 16 42 | 6 37 | 0 20 | 0 2 | 17 3 | 1 44 | 4 42 |
| S 27 | 10 3 | 15 58 | 4 34 | 14 15 | 1 40 | 6 11 | 1 25 | 22 26 | 0 42 | 13 8 | 0 43 | 9 13 | 1 53 | 23 25 | 0 9 | 19 28 | 0 29 | 16 42 | 6 37 | 0 22 | 0 1 | 17 3 | 1 43 | 4 42 |
| M28 | 9 42 | 13 41 | 3 53 | 14 22 | 1 22 | 5 42 | 1 24 | 22 21 | 0 43 | 13 4 | 0 43 | 9 15 | 1 53 | 23 25 | 0 9 | 19 27 | 0 29 | 16 42 | 6 37 | 0 23 | 0n 0 | 17 4 | 1 42 | 4 42 |
| T 29 | 9 21 | 10 40 | 3 0 | 14 27 | 1 5 | 5 12 | 1 23 | 22 15 | 0 44 | 13 0 | 0 43 | 9 17 | 1 53 | 23 25 | 0 9 | 19 27 | 0 29 | 16 42 | 6 37 | 0 25 | 0 2 | 17 5 | 1 40 | 4 42 |
| W30 | 9 0 | 7 3 | 1 57 | 14 29 | 0 48 | 4 42 | 1 23 | 22 9 | 0 45 | 12 55 | 0 43 | 9 18 | 1 53 | 23 25 | 0 9 | 19 26 | 0 29 | 16 42 | 6 37 | 0 26 | 0 3 | 17 5 | 1 39 | 4 42 |
| T 31 | 8n39 | 3s 0 | 0n45 | 14n28 | 0s32 | 4n12 | 1n22 | 22n 3 | 0n45 | 12n51 | 0n43 | 9s20 | 1s53 | 23s25 | 0s 9 | 19n26 | 0s29 | 16n42 | 6s37 | 0n26 | 0n 4 | 17s 6 | 1n38 | 4n42 |

Julian Day Number = 2600045.5, Delta T = 08m57s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'28, Lahiri = 29°32'29


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## SEPTEMBER 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 40 36 | 8♍42'46 | 4♈21 | 20♌23 | 23♍46 | 24♋20 | 28♌ 7 | 10°R29 | 24°R21 | 0♌59 | 4♋36 | 28°D54 | 29♍47 | 10♐ 2 | 23°R11 | F 1 |
| S 2 | 22 44 33 | 9°40'38 | 18°15 | 21°30 | 25° 0 | 24°59 | 28°20 | 10♓24 | 24♐21 | 1° 1 | 4°37 | 28♍55 | 29°43 | 10° 9 | 23♓ 8 | S 2 |
| S 3 | 22 48 29 | 10°38'32 | 2♉17 | 22°43 | 26°14 | 25°38 | 28°33 | 10°20 | 24°D21 | 1° 3 | 4°38 | 28°56 | 29°40 | 10°16 | 23° 5 | S 3 |
| M 4 | 22 52 26 | 11°36'28 | 16°25 | 24° 2 | 27°28 | 26°16 | 28°46 | 10°15 | 24°21 | 1° 5 | 4°38 | 28°57 | 29°37 | 10°23 | 23° 2 | M 4 |
| T 5 | 22 56 22 | 12°34'26 | 0♊37 | 25°27 | 28°42 | 26°55 | 28°59 | 10°11 | 24°21 | 1° 6 | 4°39 | 28°58 | 29°34 | 10°29 | 23° 0 | T 5 |
| W 6 | 23 0 19 | 13°32'26 | 14°50 | 26°56 | 29°56 | 27°33 | 29°12 | 10° 6 | 24°22 | 1° 8 | 4°40 | 28°R59 | 29°31 | 10°36 | 22°57 | W 6 |
| T 7 | 23 4 16 | 14°30'27 | 29° 3 | 28°31 | 1♎10 | 28°12 | 29°25 | 10° 2 | 24°22 | 1°10 | 4°40 | 28°58 | 29°28 | 10°43 | 22°54 | T 7 |
| F 8 | 23 8 12 | 15°28'31 | 13♋12 | 0♍ 9 | 2°24 | 28°50 | 29°38 | 9°57 | 24°22 | 1°12 | 4°41 | 28°57 | 29°24 | 10°49 | 22°51 | F 8 |
| S 9 | 23 12 9 | 16°26'36 | 27°15 | 1°51 | 3°38 | 29°28 | 29°51 | 9°53 | 24°22 | 1°13 | 4°41 | 28°56 | 29°21 | 10°56 | 22°48 | S 9 |
| S 10 | 23 16 5 | 17°24'43 | 11♌10 | 3°36 | 4°52 | 0♌ 6 | 0♍ 4 | 9°48 | 24°23 | 1°15 | 4°42 | 28°54 | 29°18 | 11° 3 | 22°45 | S 10 |
| M11 | 23 20 2 | 18°22'52 | 24°53 | 5°24 | 6° 6 | 0°44 | 0°17 | 9°44 | 24°23 | 1°17 | 4°42 | 28°53 | 29°15 | 11°10 | 22°42 | M11 |
| T 12 | 23 23 58 | 19°21'03 | 8♍22 | 7°13 | 7°20 | 1°22 | 0°29 | 9°39 | 24°24 | 1°18 | 4°43 | 28°52 | 29°12 | 11°16 | 22°39 | T 12 |
| W13 | 23 27 55 | 20°19'15 | 21°37 | 9° 5 | 8°34 | 2° 0 | 0°42 | 9°35 | 24°24 | 1°20 | 4°43 | 28°51 | 29° 8 | 11°23 | 22°36 | W13 |
| T 14 | 23 31 51 | 21°17'30 | 4♎34 | 10°58 | 9°48 | 2°38 | 0°55 | 9°30 | 24°25 | 1°21 | 4°44 | 28°D51 | 29° 5 | 11°30 | 22°33 | T 14 |
| F 15 | 23 35 48 | 22°15'45 | 17°15 | 12°52 | 11° 2 | 3°16 | 1° 8 | 9°26 | 24°25 | 1°23 | 4°44 | 28°52 | 29° 2 | 11°36 | 22°31 | F 15 |
| S 16 | 23 39 45 | 23°14'03 | 29°41 | 14°46 | 12°16 | 3°54 | 1°20 | 9°22 | 24°26 | 1°25 | 4°45 | 28°52 | 28°59 | 11°43 | 22°28 | S 16 |
| S 17 | 23 43 41 | 24°12'22 | 11♏54 | 16°41 | 13°30 | 4°31 | 1°33 | 9°17 | 24°27 | 1°26 | 4°45 | 28°53 | 28°56 | 11°50 | 22°25 | S 17 |
| M18 | 23 47 38 | 25°10'43 | 23°56 | 18°36 | 14°44 | 5° 9 | 1°46 | 9°13 | 24°27 | 1°28 | 4°46 | 28°53 | 28°53 | 11°57 | 22°22 | M18 |
| T 19 | 23 51 34 | 26° 9'05 | 5♐51 | 20°31 | 15°58 | 5°46 | 1°58 | 9° 9 | 24°28 | 1°29 | 4°46 | 28°54 | 28°49 | 12° 3 | 22°19 | T 19 |
| W20 | 23 55 31 | 27° 7'29 | 17°44 | 22°25 | 17°12 | 6°24 | 2°11 | 9° 4 | 24°29 | 1°30 | 4°46 | 28°54 | 28°46 | 12°10 | 22°16 | W20 |
| T 21 | 23 59 27 | 28° 5'55 | 29°38 | 24°19 | 18°26 | 7° 1 | 2°23 | 9° 0 | 24°30 | 1°32 | 4°47 | 28°R54 | 28°43 | 12°17 | 22°13 | T 21 |
| F 22 | 0 3 24 | 29° 4'22 | 11♑38 | 26°12 | 19°40 | 7°38 | 2°36 | 8°56 | 24°31 | 1°33 | 4°47 | 28°D54 | 28°40 | 12°24 | 22°10 | F 22 |
| S 23 | 0 7 20 | 0♎ 2'50 | 23°50 | 28° 5 | 20°54 | 8°16 | 2°48 | 8°52 | 24°32 | 1°35 | 4°47 | 28°54 | 28°37 | 12°30 | 22° 7 | S 23 |
| S 24 | 0 11 17 | 1° 1'20 | 6♒17 | 29°57 | 22° 7 | 8°53 | 3° 0 | 8°48 | 24°33 | 1°36 | 4°47 | 28°54 | 28°33 | 12°37 | 22° 4 | S 24 |
| M25 | 0 15 14 | 1°59'52 | 19° 2 | 1♎48 | 23°21 | 9°30 | 3°13 | 8°44 | 24°34 | 1°37 | 4°48 | 28°54 | 28°30 | 12°44 | 22° 2 | M25 |
| T 26 | 0 19 10 | 2°58'26 | 2♓ 7 | 3°38 | 24°35 | 10° 7 | 3°25 | 8°40 | 24°35 | 1°38 | 4°48 | 28°55 | 28°27 | 12°50 | 21°59 | T 26 |
| W27 | 0 23 7 | 3°57'01 | 15°35 | 5°27 | 25°49 | 10°44 | 3°37 | 8°36 | 24°36 | 1°40 | 4°48 | 28°55 | 28°24 | 12°57 | 21°56 | W27 |
| T 28 | 0 27 3 | 4°55'38 | 29°23 | 7°15 | 27° 3 | 11°20 | 3°49 | 8°32 | 24°38 | 1°41 | 4°48 | 28°R55 | 28°21 | 13° 4 | 21°53 | T 28 |
| F 29 | 0 31 0 | 5°54'17 | 13♈30 | 9° 2 | 28°17 | 11°57 | 4° 1 | 8°28 | 24°39 | 1°42 | 4°48 | 28°55 | 28°18 | 13°11 | 21°50 | F 29 |
| S 30 | 0 34 56 | 6♎52'58 | 27♈51 | 10♎49 | 29♎31 | 12♌34 | 4♍13 | 8♓25 | 24♐40 | 1♌43 | 4♋48 | 28♍54 | 28♍14 | 13♐17 | 21♓47 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 8n17 | 1n16 | 0s30 | 14n24 | 0s17 | 3n42 | 1n21 | 21n57 | 0n46 | 12n46 | 0n43 | 9s22 | 1s53 | 23s25 | 0s 9 | 19n26 | 0s29 | 16n41 | 6s37 | 0n26 | 0n 5 | 17s 7 | 1n37 | 4n42 |
| S 2 | 7 55 | 5 31 | 1 45 | 14 17 | 0 2 | 3 12 | 1 20 | 21 51 | 0 47 | 12 42 | 0 43 | 9 24 | 1 53 | 23 25 | 0 9 | 19 25 | 0 29 | 16 41 | 6 37 | 0 26 | 0 7 | 17 7 | 1 36 | 4 42 |
| S 3 | 7 34 | 9 31 | 2 54 | 14 6 | 0n12 | 2 42 | 1 19 | 21 45 | 0 48 | 12 37 | 0 43 | 9 26 | 1 53 | 23 25 | 0 9 | 19 25 | 0 29 | 16 41 | 6 37 | 0 25 | 0 8 | 17 8 | 1 35 | 4 42 |
| M 4 | 7 12 | 12 59 | 3 53 | 13 53 | 0 26 | 2 12 | 1 18 | 21 38 | 0 48 | 12 33 | 0 43 | 9 27 | 1 53 | 23 25 | 0 9 | 19 24 | 0 29 | 16 41 | 6 37 | 0 25 | 0 9 | 17 9 | 1 34 | 4 42 |
| T 5 | 6 50 | 15 42 | 4 38 | 13 36 | 0 38 | 1 41 | 1 17 | 21 32 | 0 49 | 12 29 | 0 43 | 9 29 | 1 53 | 23 25 | 0 9 | 19 24 | 0 29 | 16 41 | 6 37 | 0 25 | 0 10 | 17 9 | 1 33 | 4 42 |
| W 6 | 6 27 | 17 27 | 5 6 | 13 17 | 0 49 | 1 11 | 1 16 | 21 25 | 0 50 | 12 24 | 0 43 | 9 31 | 1 54 | 23 25 | 0 9 | 19 24 | 0 29 | 16 41 | 6 37 | 0 24 | 0 12 | 17 10 | 1 32 | 4 42 |
| T 7 | 6 5 | 18 7 | 5 16 | 12 54 | 1 0 | 0 41 | 1 15 | 21 18 | 0 51 | 12 20 | 0 43 | 9 33 | 1 54 | 23 25 | 0 9 | 19 23 | 0 29 | 16 41 | 6 38 | 0 25 | 0 13 | 17 10 | 1 30 | 4 42 |
| F 8 | 5 43 | 17 39 | 5 6 | 12 28 | 1 9 | 0 10 | 1 13 | 21 11 | 0 51 | 12 15 | 0 44 | 9 34 | 1 54 | 23 25 | 0 9 | 19 23 | 0 29 | 16 41 | 6 38 | 0 25 | 0 14 | 17 11 | 1 29 | 4 42 |
| S 9 | 5 20 | 16 6 | 4 38 | 12 0 | 1 17 | 0s21 | 1 12 | 21 4 | 0 52 | 12 11 | 0 44 | 9 36 | 1 54 | 23 25 | 0 9 | 19 22 | 0 29 | 16 41 | 6 38 | 0 26 | 0 15 | 17 12 | 1 28 | 4 42 |
| S 10 | 4 58 | 13 38 | 3 54 | 11 28 | 1 24 | 0 51 | 1 10 | 20 57 | 0 53 | 12 6 | 0 44 | 9 38 | 1 54 | 23 25 | 0 9 | 19 22 | 0 29 | 16 40 | 6 38 | 0 26 | 0 17 | 17 12 | 1 27 | 4 42 |
| M11 | 4 35 | 10 25 | 2 57 | 10 55 | 1 31 | 1 22 | 1 9 | 20 49 | 0 54 | 12 2 | 0 44 | 9 40 | 1 54 | 23 25 | 0 9 | 19 22 | 0 29 | 16 40 | 6 38 | 0 27 | 0 18 | 17 13 | 1 26 | 4 42 |
| T 12 | 4 12 | 6 42 | 1 51 | 10 19 | 1 36 | 1 52 | 1 7 | 20 41 | 0 54 | 11 58 | 0 44 | 9 41 | 1 54 | 23 25 | 0 9 | 19 21 | 0 29 | 16 40 | 6 38 | 0 27 | 0 19 | 17 14 | 1 25 | 4 42 |
| W13 | 3 50 | 2 42 | 0 40 | 9 41 | 1 40 | 2 23 | 1 6 | 20 34 | 0 55 | 11 53 | 0 44 | 9 43 | 1 54 | 23 25 | 0 9 | 19 21 | 0 29 | 16 40 | 6 38 | 0 27 | 0 20 | 17 14 | 1 23 | 4 42 |
| T 14 | 3 27 | 1s20 | 0n32 | 9 2 | 1 43 | 2 53 | 1 4 | 20 26 | 0 56 | 11 49 | 0 44 | 9 45 | 1 54 | 23 25 | 0 9 | 19 21 | 0 29 | 16 40 | 6 38 | 0 27 | 0 22 | 17 15 | 1 22 | 4 42 |
| F 15 | 3 4 | 5 13 | 1 40 | 8 21 | 1 46 | 3 24 | 1 2 | 20 18 | 0 57 | 11 44 | 0 44 | 9 46 | 1 54 | 23 25 | 0 9 | 19 20 | 0 29 | 16 40 | 6 38 | 0 27 | 0 23 | 17 15 | 1 21 | 4 42 |
| S 16 | 2 41 | 8 48 | 2 43 | 7 38 | 1 47 | 3 54 | 1 1 | 20 10 | 0 57 | 11 40 | 0 44 | 9 48 | 1 54 | 23 25 | 0 9 | 19 20 | 0 29 | 16 40 | 6 38 | 0 27 | 0 24 | 17 16 | 1 20 | 4 42 |
| S 17 | 2 18 | 11 56 | 3 37 | 6 54 | 1 48 | 4 25 | 0 59 | 20 2 | 0 58 | 11 36 | 0 45 | 9 50 | 1 54 | 23 25 | 0 9 | 19 20 | 0 29 | 16 40 | 6 38 | 0 27 | 0 26 | 17 17 | 1 18 | 4 41 |
| M18 | 1 55 | 14 30 | 4 20 | 6 9 | 1 48 | 4 55 | 0 57 | 19 53 | 0 59 | 11 31 | 0 45 | 9 51 | 1 54 | 23 25 | 0 9 | 19 19 | 0 29 | 16 40 | 6 39 | 0 26 | 0 27 | 17 17 | 1 17 | 4 41 |
| T 19 | 1 32 | 16 26 | 4 52 | 5 24 | 1 47 | 5 25 | 0 55 | 19 45 | 1 0 | 11 27 | 0 45 | 9 53 | 1 54 | 23 25 | 0 9 | 19 19 | 0 29 | 16 39 | 6 39 | 0 26 | 0 28 | 17 18 | 1 16 | 4 41 |
| W20 | 1 8 | 17 39 | 5 11 | 4 38 | 1 46 | 5 55 | 0 53 | 19 36 | 1 0 | 11 22 | 0 45 | 9 55 | 1 54 | 23 25 | 0 9 | 19 19 | 0 29 | 16 39 | 6 39 | 0 26 | 0 29 | 17 18 | 1 15 | 4 41 |
| T 21 | 0 45 | 18 6 | 5 17 | 3 51 | 1 44 | 6 25 | 0 51 | 19 28 | 1 1 | 11 18 | 0 45 | 9 56 | 1 54 | 23 25 | 0 9 | 19 18 | 0 29 | 16 39 | 6 39 | 0 26 | 0 31 | 17 19 | 1 14 | 4 41 |
| F 22 | 0 22 | 17 44 | 5 9 | 3 4 | 1 42 | 6 55 | 0 49 | 19 19 | 1 2 | 11 14 | 0 45 | 9 58 | 1 54 | 23 25 | 0 9 | 19 18 | 0 29 | 16 39 | 6 39 | 0 26 | 0 32 | 17 20 | 1 12 | 4 41 |
| S 23 | 0s 1 | 16 34 | 4 48 | 2 16 | 1 39 | 7 25 | 0 47 | 19 10 | 1 3 | 11 9 | 0 45 | 9 59 | 1 54 | 23 25 | 0 9 | 19 18 | 0 29 | 16 39 | 6 39 | 0 26 | 0 33 | 17 20 | 1 11 | 4 41 |
| S 24 | 0 24 | 14 35 | 4 12 | 1 29 | 1 35 | 7 54 | 0 45 | 19 1 | 1 3 | 11 5 | 0 45 | 10 1 | 1 54 | 23 26 | 0 9 | 19 17 | 0 29 | 16 39 | 6 39 | 0 26 | 0 34 | 17 21 | 1 10 | 4 41 |
| M25 | 0 48 | 11 51 | 3 24 | 0 41 | 1 31 | 8 24 | 0 42 | 18 52 | 1 4 | 11 1 | 0 45 | 10 2 | 1 54 | 23 26 | 0 9 | 19 17 | 0 29 | 16 39 | 6 39 | 0 26 | 0 36 | 17 21 | 1 9 | 4 41 |
| T 26 | 1 11 | 8 28 | 2 23 | 0s 7 | 1 27 | 8 53 | 0 40 | 18 43 | 1 5 | 10 56 | 0 46 | 10 4 | 1 54 | 23 26 | 0 9 | 19 17 | 0 29 | 16 39 | 6 39 | 0 26 | 0 37 | 17 22 | 1 7 | 4 40 |
| W27 | 1 34 | 4 33 | 1 13 | 0 54 | 1 22 | 9 22 | 0 38 | 18 33 | 1 6 | 10 52 | 0 46 | 10 5 | 1 54 | 23 26 | 0 9 | 19 17 | 0 29 | 16 39 | 6 39 | 0 26 | 0 38 | 17 23 | 1 6 | 4 40 |
| T 28 | 1 57 | 0 17 | 0s 3 | 1 41 | 1 17 | 9 51 | 0 35 | 18 24 | 1 6 | 10 48 | 0 46 | 10 6 | 1 54 | 23 26 | 0 9 | 19 16 | 0 29 | 16 38 | 6 40 | 0 26 | 0 39 | 17 23 | 1 5 | 4 40 |
| F 29 | 2 20 | 4n 5 | 1 20 | 2 29 | 1 12 | 10 19 | 0 33 | 18 15 | 1 7 | 10 44 | 0 46 | 10 8 | 1 54 | 23 26 | 0 9 | 19 16 | 0 29 | 16 38 | 6 40 | 0 26 | 0 41 | 17 24 | 1 4 | 4 40 |
| S 30 | 2s44 | 8n18 | 2s34 | 3s15 | 1n 6 | 10s48 | 0n31 | 18n 5 | 1n 8 | 10n39 | 0n46 | 10s 9 | 1s54 | 23s26 | 0s 9 | 19n16 | 0s29 | 16n38 | 6s40 | 0n26 | 0n42 | 17s24 | 1n 2 | 4n40 |

Julian Day Number = 2600076.5, Delta T = 08m58s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'32, Lahiri = 29°32'34


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## OCTOBER 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 38 53 | 7♎51'41 | 12♉21 | 12♎34 | 0♏45 | 13♌10 | 4♍25 | 8°R21 | 24♐42 | 1♌44 | 4♋49 | 28°R53 | 28♍11 | 13♐24 | 21°R45 | S 1 |
| M 2 | 0 42 49 | 8°50'26 | 26°54 | 14°18 | 1°58 | 13°47 | 4°37 | 8♓18 | 24°43 | 1°46 | 4°49 | 28♍52 | 28° 8 | 13°31 | 21♓42 | M 2 |
| T 3 | 0 46 46 | 9°49'14 | 11♊25 | 16° 2 | 3°12 | 14°23 | 4°49 | 8°14 | 24°45 | 1°47 | 4°49 | 28°51 | 28° 5 | 13°37 | 21°39 | T 3 |
| W 4 | 0 50 42 | 10°48'04 | 25°49 | 17°44 | 4°26 | 15° 0 | 5° 1 | 8°11 | 24°46 | 1°48 | 4°49 | 28°50 | 28° 2 | 13°44 | 21°36 | W 4 |
| T 5 | 0 54 39 | 11°46'56 | 10♋ 2 | 19°26 | 5°40 | 15°36 | 5°13 | 8° 7 | 24°48 | 1°49 | 4°R49 | 28°D50 | 27°59 | 13°51 | 21°34 | T 5 |
| F 6 | 0 58 36 | 12°45'50 | 24° 2 | 21° 7 | 6°54 | 16°12 | 5°24 | 8° 4 | 24°50 | 1°50 | 4°49 | 28°50 | 27°55 | 13°58 | 21°31 | F 6 |
| S 7 | 1 2 32 | 13°44'47 | 7♌48 | 22°46 | 8° 7 | 16°48 | 5°36 | 8° 1 | 24°51 | 1°51 | 4°49 | 28°51 | 27°52 | 14° 4 | 21°28 | S 7 |
| S 8 | 1 6 29 | 14°43'45 | 21°20 | 24°25 | 9°21 | 17°24 | 5°48 | 7°57 | 24°53 | 1°52 | 4°49 | 28°52 | 27°49 | 14°11 | 21°26 | S 8 |
| M 9 | 1 10 25 | 15°42'46 | 4♍38 | 26° 3 | 10°35 | 18° 0 | 5°59 | 7°54 | 24°55 | 1°52 | 4°49 | 28°53 | 27°46 | 14°18 | 21°23 | M 9 |
| T 10 | 1 14 22 | 16°41'49 | 17°43 | 27°40 | 11°49 | 18°36 | 6°10 | 7°51 | 24°57 | 1°53 | 4°48 | 28°54 | 27°43 | 14°24 | 21°21 | T 10 |
| W11 | 1 18 18 | 17°40'55 | 0♎34 | 29°17 | 13° 3 | 19°11 | 6°22 | 7°48 | 24°59 | 1°54 | 4°48 | 28°R55 | 27°39 | 14°31 | 21°18 | W11 |
| T 12 | 1 22 15 | 18°40'02 | 13°13 | 0♏52 | 14°16 | 19°47 | 6°33 | 7°45 | 25° 0 | 1°55 | 4°48 | 28°54 | 27°36 | 14°38 | 21°16 | T 12 |
| F 13 | 1 26 11 | 19°39'12 | 25°40 | 2°27 | 15°30 | 20°23 | 6°44 | 7°43 | 25° 2 | 1°56 | 4°48 | 28°52 | 27°33 | 14°45 | 21°13 | F 13 |
| S 14 | 1 30 8 | 20°38'23 | 7♏57 | 4° 1 | 16°44 | 20°58 | 6°55 | 7°40 | 25° 4 | 1°56 | 4°48 | 28°50 | 27°30 | 14°51 | 21°11 | S 14 |
| S 15 | 1 34 5 | 21°37'37 | 20° 4 | 5°34 | 17°58 | 21°33 | 7° 7 | 7°37 | 25° 7 | 1°57 | 4°48 | 28°46 | 27°27 | 14°58 | 21° 8 | S 15 |
| M16 | 1 38 1 | 22°36'52 | 2♐ 3 | 7° 7 | 19°11 | 22° 9 | 7°17 | 7°35 | 25° 9 | 1°58 | 4°47 | 28°42 | 27°24 | 15° 5 | 21° 6 | M16 |
| T 17 | 1 41 58 | 23°36'09 | 13°56 | 8°39 | 20°25 | 22°44 | 7°28 | 7°32 | 25°11 | 1°58 | 4°47 | 28°38 | 27°20 | 15°11 | 21° 4 | T 17 |
| W18 | 1 45 54 | 24°35'28 | 25°48 | 10° 9 | 21°39 | 23°19 | 7°39 | 7°30 | 25°13 | 1°59 | 4°47 | 28°34 | 27°17 | 15°18 | 21° 1 | W18 |
| T 19 | 1 49 51 | 25°34'49 | 7♑40 | 11°40 | 22°53 | 23°54 | 7°50 | 7°27 | 25°15 | 2° 0 | 4°47 | 28°32 | 27°14 | 15°25 | 20°59 | T 19 |
| F 20 | 1 53 47 | 26°34'12 | 19°38 | 13° 9 | 24° 6 | 24°29 | 8° 1 | 7°25 | 25°18 | 2° 0 | 4°46 | 28°30 | 27°11 | 15°32 | 20°57 | F 20 |
| S 21 | 1 57 44 | 27°33'36 | 1♒46 | 14°38 | 25°20 | 25° 3 | 8°11 | 7°23 | 25°20 | 2° 1 | 4°46 | 28°D30 | 27° 8 | 15°38 | 20°55 | S 21 |
| S 22 | 2 1 40 | 28°33'02 | 14° 9 | 16° 6 | 26°34 | 25°38 | 8°22 | 7°21 | 25°22 | 2° 1 | 4°45 | 28°31 | 27° 5 | 15°45 | 20°52 | S 22 |
| M23 | 2 5 37 | 29°32'30 | 26°52 | 17°33 | 27°47 | 26°13 | 8°32 | 7°19 | 25°25 | 2° 2 | 4°45 | 28°33 | 27° 1 | 15°52 | 20°50 | M23 |
| T 24 | 2 9 34 | 0♏32'00 | 9♓57 | 19° 0 | 29° 1 | 26°47 | 8°42 | 7°17 | 25°27 | 2° 2 | 4°45 | 28°34 | 26°58 | 15°59 | 20°48 | T 24 |
| W25 | 2 13 30 | 1°31'31 | 23°28 | 20°25 | 0♐14 | 27°21 | 8°53 | 7°16 | 25°29 | 2° 2 | 4°44 | 28°R35 | 26°55 | 16° 5 | 20°46 | W25 |
| T 26 | 2 17 27 | 2°31'04 | 7♈26 | 21°50 | 1°28 | 27°56 | 9° 3 | 7°14 | 25°32 | 2° 3 | 4°44 | 28°35 | 26°52 | 16°12 | 20°44 | T 26 |
| F 27 | 2 21 23 | 3°30'39 | 21°49 | 23°14 | 2°42 | 28°30 | 9°13 | 7°13 | 25°35 | 2° 3 | 4°43 | 28°33 | 26°49 | 16°19 | 20°42 | F 27 |
| S 28 | 2 25 20 | 4°30'16 | 6♉32 | 24°38 | 3°55 | 29° 4 | 9°23 | 7°11 | 25°37 | 2° 3 | 4°43 | 28°30 | 26°45 | 16°25 | 20°40 | S 28 |
| S 29 | 2 29 16 | 5°29'55 | 21°29 | 26° 0 | 5° 9 | 29°38 | 9°32 | 7°10 | 25°40 | 2° 3 | 4°42 | 28°25 | 26°42 | 16°32 | 20°39 | S 29 |
| M30 | 2 33 13 | 6°29'36 | 6♊30 | 27°21 | 6°22 | 0♍12 | 9°42 | 7° 9 | 25°42 | 2° 4 | 4°42 | 28°19 | 26°39 | 16°39 | 20°37 | M30 |
| T 31 | 2 37 9 | 7♏29'19 | 21♊26 | 28♏41 | 7♐36 | 0♍45 | 9♍52 | 7♓ 7 | 25♐45 | 2♌ 4 | 4♋41 | 28♍13 | 26♍36 | 16♐46 | 20♓35 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s 7 | 12n 3 | 3s38 | 4s 2 | 1n 0 | 11s16 | 0n28 | 17n55 | 1n 9 | 10n35 | 0n46 | 10s11 | 1s54 | 23s26 | 0s 9 | 19n16 | 0s29 | 16n38 | 6s40 | 0n26 | 0n43 | 17s25 | 1n 1 | 4n40 |
| M 2 | 3 30 | 15 4 | 4 29 | 4 48 | 0 54 | 11 44 | 0 26 | 17 46 | 1 10 | 10 31 | 0 46 | 10 12 | 1 54 | 23 26 | 0 9 | 19 15 | 0 29 | 16 38 | 6 40 | 0 27 | 0 44 | 17 26 | 1 0 | 4 40 |
| T 3 | 3 53 | 17 7 | 5 2 | 5 33 | 0 48 | 12 11 | 0 23 | 17 36 | 1 10 | 10 27 | 0 47 | 10 13 | 1 54 | 23 26 | 0 9 | 19 15 | 0 29 | 16 38 | 6 40 | 0 27 | 0 46 | 17 26 | 0 59 | 4 39 |
| W 4 | 4 16 | 18 3 | 5 16 | 6 18 | 0 42 | 12 39 | 0 21 | 17 26 | 1 11 | 10 22 | 0 47 | 10 14 | 1 53 | 23 26 | 0 9 | 19 15 | 0 29 | 16 38 | 6 40 | 0 28 | 0 47 | 17 27 | 0 58 | 4 39 |
| T 5 | 4 39 | 17 51 | 5 10 | 7 3 | 0 35 | 13 6 | 0 18 | 17 16 | 1 12 | 10 18 | 0 47 | 10 16 | 1 53 | 23 26 | 0 9 | 19 15 | 0 29 | 16 38 | 6 40 | 0 28 | 0 48 | 17 27 | 0 56 | 4 39 |
| F 6 | 5 2 | 16 33 | 4 46 | 7 47 | 0 29 | 13 32 | 0 15 | 17 6 | 1 13 | 10 14 | 0 47 | 10 17 | 1 53 | 23 26 | 0 9 | 19 14 | 0 29 | 16 38 | 6 40 | 0 28 | 0 49 | 17 28 | 0 55 | 4 39 |
| S 7 | 5 25 | 14 18 | 4 6 | 8 30 | 0 22 | 13 59 | 0 13 | 16 56 | 1 13 | 10 10 | 0 47 | 10 18 | 1 53 | 23 26 | 0 9 | 19 14 | 0 29 | 16 38 | 6 41 | 0 27 | 0 51 | 17 28 | 0 54 | 4 39 |
| S 8 | 5 47 | 11 18 | 3 13 | 9 13 | 0 15 | 14 25 | 0 10 | 16 46 | 1 14 | 10 6 | 0 47 | 10 19 | 1 53 | 23 26 | 0 9 | 19 14 | 0 29 | 16 37 | 6 41 | 0 27 | 0 52 | 17 29 | 0 53 | 4 39 |
| M 9 | 6 10 | 7 46 | 2 10 | 9 55 | 0 8 | 14 51 | 0 7 | 16 35 | 1 15 | 10 2 | 0 47 | 10 20 | 1 53 | 23 26 | 0 9 | 19 14 | 0 29 | 16 37 | 6 41 | 0 26 | 0 53 | 17 29 | 0 52 | 4 38 |
| T 10 | 6 33 | 3 54 | 1 1 | 10 36 | 0 1 | 15 16 | 0 5 | 16 25 | 1 16 | 9 58 | 0 48 | 10 21 | 1 53 | 23 26 | 0 9 | 19 14 | 0 29 | 16 37 | 6 41 | 0 26 | 0 55 | 17 30 | 0 50 | 4 38 |
| W11 | 6 55 | 0s 5 | 0n 9 | 11 17 | 0s 6 | 15 41 | 0 2 | 16 15 | 1 17 | 9 54 | 0 48 | 10 22 | 1 53 | 23 27 | 0 9 | 19 13 | 0 29 | 16 37 | 6 41 | 0 26 | 0 56 | 17 31 | 0 49 | 4 38 |
| T 12 | 7 18 | 4 0 | 1 18 | 11 57 | 0 13 | 16 6 | 0s 1 | 16 4 | 1 17 | 9 50 | 0 48 | 10 23 | 1 53 | 23 27 | 0 9 | 19 13 | 0 29 | 16 37 | 6 41 | 0 26 | 0 57 | 17 31 | 0 48 | 4 38 |
| F 13 | 7 40 | 7 42 | 2 22 | 12 37 | 0 20 | 16 30 | 0 4 | 15 54 | 1 18 | 9 46 | 0 48 | 10 24 | 1 53 | 23 27 | 0 9 | 19 13 | 0 29 | 16 37 | 6 41 | 0 27 | 0 58 | 17 32 | 0 47 | 4 38 |
| S 14 | 8 3 | 10 59 | 3 19 | 13 15 | 0 27 | 16 54 | 0 6 | 15 43 | 1 19 | 9 42 | 0 48 | 10 25 | 1 53 | 23 27 | 0 9 | 19 13 | 0 29 | 16 37 | 6 41 | 0 28 | 1 0 | 17 32 | 0 46 | 4 37 |
| S 15 | 8 25 | 13 47 | 4 5 | 13 53 | 0 34 | 17 17 | 0 9 | 15 33 | 1 20 | 9 38 | 0 48 | 10 26 | 1 53 | 23 27 | 0 9 | 19 13 | 0 29 | 16 37 | 6 41 | 0 29 | 1 1 | 17 33 | 0 45 | 4 37 |
| M16 | 8 47 | 15 56 | 4 40 | 14 30 | 0 41 | 17 40 | 0 12 | 15 22 | 1 21 | 9 34 | 0 48 | 10 27 | 1 53 | 23 27 | 0 9 | 19 12 | 0 29 | 16 37 | 6 41 | 0 31 | 1 2 | 17 33 | 0 43 | 4 37 |
| T 17 | 9 9 | 17 24 | 5 3 | 15 7 | 0 48 | 18 3 | 0 15 | 15 11 | 1 21 | 9 30 | 0 49 | 10 28 | 1 53 | 23 27 | 0 9 | 19 12 | 0 29 | 16 37 | 6 42 | 0 33 | 1 3 | 17 34 | 0 42 | 4 37 |
| W18 | 9 30 | 18 6 | 5 13 | 15 42 | 0 55 | 18 25 | 0 18 | 15 1 | 1 22 | 9 26 | 0 49 | 10 29 | 1 52 | 23 27 | 0 9 | 19 12 | 0 29 | 16 37 | 6 42 | 0 34 | 1 5 | 17 34 | 0 41 | 4 36 |
| T 19 | 9 52 | 18 1 | 5 9 | 16 17 | 1 2 | 18 47 | 0 21 | 14 50 | 1 23 | 9 22 | 0 49 | 10 29 | 1 52 | 23 27 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 35 | 1 6 | 17 35 | 0 40 | 4 36 |
| F 20 | 10 14 | 17 7 | 4 53 | 16 51 | 1 9 | 19 8 | 0 23 | 14 39 | 1 24 | 9 18 | 0 49 | 10 30 | 1 52 | 23 27 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 36 | 1 7 | 17 35 | 0 39 | 4 36 |
| S 21 | 10 35 | 15 27 | 4 22 | 17 24 | 1 16 | 19 29 | 0 26 | 14 28 | 1 25 | 9 15 | 0 49 | 10 31 | 1 52 | 23 27 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 36 | 1 8 | 17 36 | 0 38 | 4 36 |
| S 22 | 10 56 | 13 2 | 3 39 | 17 56 | 1 22 | 19 49 | 0 29 | 14 17 | 1 25 | 9 11 | 0 49 | 10 31 | 1 52 | 23 27 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 35 | 1 10 | 17 36 | 0 37 | 4 35 |
| M23 | 11 17 | 9 57 | 2 45 | 18 27 | 1 29 | 20 8 | 0 32 | 14 6 | 1 26 | 9 7 | 0 50 | 10 32 | 1 52 | 23 28 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 35 | 1 11 | 17 37 | 0 36 | 4 35 |
| T 24 | 11 38 | 6 16 | 1 40 | 18 57 | 1 35 | 20 27 | 0 35 | 13 55 | 1 27 | 9 3 | 0 50 | 10 33 | 1 52 | 23 28 | 0 9 | 19 12 | 0 29 | 16 36 | 6 42 | 0 34 | 1 12 | 17 37 | 0 35 | 4 35 |
| W25 | 11 59 | 2 9 | 0 28 | 19 27 | 1 42 | 20 46 | 0 38 | 13 44 | 1 28 | 9 0 | 0 50 | 10 33 | 1 52 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 42 | 0 34 | 1 13 | 17 38 | 0 34 | 4 35 |
| T 26 | 12 19 | 2n12 | 0s48 | 19 55 | 1 48 | 21 4 | 0 40 | 13 33 | 1 29 | 8 56 | 0 50 | 10 34 | 1 52 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 42 | 0 34 | 1 15 | 17 38 | 0 33 | 4 34 |
| F 27 | 12 39 | 6 35 | 2 3 | 20 22 | 1 54 | 21 21 | 0 43 | 13 22 | 1 30 | 8 52 | 0 50 | 10 34 | 1 52 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 42 | 0 34 | 1 16 | 17 39 | 0 32 | 4 34 |
| S 28 | 13 0 | 10 39 | 3 12 | 20 49 | 1 59 | 21 38 | 0 46 | 13 11 | 1 30 | 8 49 | 0 50 | 10 35 | 1 51 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 43 | 0 36 | 1 17 | 17 39 | 0 31 | 4 34 |
| S 29 | 13 19 | 14 5 | 4 8 | 21 14 | 2 5 | 21 55 | 0 49 | 13 0 | 1 31 | 8 45 | 0 51 | 10 35 | 1 51 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 43 | 0 38 | 1 18 | 17 40 | 0 30 | 4 34 |
| M30 | 13 39 | 16 37 | 4 48 | 21 38 | 2 10 | 22 10 | 0 52 | 12 49 | 1 32 | 8 42 | 0 51 | 10 35 | 1 51 | 23 28 | 0 9 | 19 11 | 0 29 | 16 36 | 6 43 | 0 40 | 1 20 | 17 40 | 0 29 | 4 33 |
| T 31 | 13s59 | 17n59 | 5s 8 | 22s 1 | 2s16 | 22s25 | 0s54 | 12n38 | 1n33 | 8n38 | 0n51 | 10s36 | 1s51 | 23s28 | 0s 9 | 19n11 | 0s29 | 16n36 | 6s43 | 0n42 | 1n21 | 17s41 | 0n28 | 4n33 |

Julian Day Number = 2600106.5, Delta T = 08m58s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'36, Lahiri = 29°32'38


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## NOVEMBER 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 41 6 | 8♏29'05 | 6♋ 9 | 0♐ 1 | 8♐49 | 1♍19 | 10♍ 1 | 7°R 6 | 25♐48 | 2♑ 4 | 4°R41 | 28°R 9 | 26♍33 | 16♐52 | 20°R33 | W 1 |
| T 2 | 2 45 3 | 9°28'52 | 20°34 | 1°19 | 10° 3 | 1°52 | 10°11 | 7♓ 5 | 25°51 | 2° 4 | 4♋40 | 28♍ 5 | 26°30 | 16°59 | 20♓32 | T 2 |
| F 3 | 2 48 59 | 10°28'42 | 4♑37 | 2°35 | 11°16 | 2°26 | 10°20 | 7° 5 | 25°53 | 2° 4 | 4°39 | 28°D 4 | 26°26 | 17° 6 | 20°30 | F 3 |
| S 4 | 2 52 56 | 11°28'34 | 18°18 | 3°51 | 12°30 | 2°59 | 10°29 | 7° 4 | 25°56 | 2°R 4 | 4°39 | 28° 4 | 26°23 | 17°12 | 20°29 | S 4 |
| S 5 | 2 56 52 | 12°28'28 | 1♍38 | 5° 5 | 13°43 | 3°32 | 10°38 | 7° 3 | 25°59 | 2° 4 | 4°38 | 28° 5 | 26°20 | 17°19 | 20°27 | S 5 |
| M 6 | 3 0 49 | 13°28'25 | 14°39 | 6°17 | 14°57 | 4° 5 | 10°47 | 7° 3 | 26° 2 | 2° 4 | 4°38 | 28° 6 | 26°17 | 17°26 | 20°26 | M 6 |
| T 7 | 3 4 45 | 14°28'23 | 27°25 | 7°27 | 16°10 | 4°38 | 10°56 | 7° 2 | 26° 5 | 2° 4 | 4°37 | 28°R 7 | 26°14 | 17°33 | 20°24 | T 7 |
| W 8 | 3 8 42 | 15°28'23 | 9♎57 | 8°36 | 17°24 | 5°10 | 11° 5 | 7° 2 | 26° 8 | 2° 4 | 4°36 | 28° 6 | 26°10 | 17°39 | 20°23 | W 8 |
| T 9 | 3 12 38 | 16°28'26 | 22°19 | 9°42 | 18°37 | 5°43 | 11°14 | 7° 2 | 26°11 | 2° 4 | 4°35 | 28° 3 | 26° 7 | 17°46 | 20°22 | T 9 |
| F 10 | 3 16 35 | 17°28'31 | 4♏32 | 10°46 | 19°50 | 6°15 | 11°22 | 7° 1 | 26°14 | 2° 4 | 4°35 | 27°58 | 26° 4 | 17°53 | 20°20 | F 10 |
| S 11 | 3 20 32 | 18°28'37 | 16°37 | 11°46 | 21° 4 | 6°48 | 11°31 | 7°D 1 | 26°17 | 2° 3 | 4°34 | 27°50 | 26° 1 | 17°59 | 20°19 | S 11 |
| S 12 | 3 24 28 | 19°28'45 | 28°37 | 12°44 | 22°17 | 7°20 | 11°39 | 7° 2 | 26°20 | 2° 3 | 4°33 | 27°41 | 25°58 | 18° 6 | 20°18 | S 12 |
| M13 | 3 28 25 | 20°28'55 | 10♐32 | 13°39 | 23°30 | 7°52 | 11°47 | 7° 2 | 26°23 | 2° 3 | 4°32 | 27°30 | 25°55 | 18°13 | 20°17 | M13 |
| T 14 | 3 32 21 | 21°29'07 | 22°24 | 14°29 | 24°44 | 8°24 | 11°55 | 7° 2 | 26°26 | 2° 3 | 4°32 | 27°19 | 25°51 | 18°20 | 20°16 | T 14 |
| W15 | 3 36 18 | 22°29'21 | 4♑15 | 15°15 | 25°57 | 8°56 | 12° 3 | 7° 2 | 26°29 | 2° 2 | 4°31 | 27° 9 | 25°48 | 18°26 | 20°15 | W15 |
| T 16 | 3 40 14 | 23°29'36 | 16° 7 | 15°56 | 27°10 | 9°27 | 12°11 | 7° 3 | 26°33 | 2° 2 | 4°30 | 27° 1 | 25°45 | 18°33 | 20°14 | T 16 |
| F 17 | 3 44 11 | 24°29'52 | 28° 4 | 16°32 | 28°23 | 9°59 | 12°18 | 7° 4 | 26°36 | 2° 2 | 4°29 | 26°55 | 25°42 | 18°40 | 20°13 | F 17 |
| S 18 | 3 48 7 | 25°30'10 | 10♒ 9 | 17° 2 | 29°37 | 10°30 | 12°26 | 7° 4 | 26°39 | 2° 1 | 4°28 | 26°51 | 25°39 | 18°47 | 20°13 | S 18 |
| S 19 | 3 52 4 | 26°30'30 | 22°27 | 17°25 | 0♑50 | 11° 1 | 12°33 | 7° 5 | 26°42 | 2° 1 | 4°27 | 26°D50 | 25°36 | 18°53 | 20°12 | S 19 |
| M20 | 3 56 1 | 27°30'50 | 5♓ 3 | 17°40 | 2° 3 | 11°32 | 12°40 | 7° 6 | 26°46 | 2° 0 | 4°26 | 26°50 | 25°32 | 19° 0 | 20°11 | M20 |
| T 21 | 3 59 57 | 28°31'13 | 18° 1 | 17°R47 | 3°16 | 12° 3 | 12°47 | 7° 7 | 26°49 | 2° 0 | 4°25 | 26°51 | 25°29 | 19° 7 | 20°11 | T 21 |
| W22 | 4 3 54 | 29°31'36 | 1♈26 | 17°46 | 4°29 | 12°33 | 12°54 | 7° 8 | 26°52 | 1°59 | 4°24 | 26°R51 | 25°26 | 19°13 | 20°10 | W22 |
| T 23 | 4 7 50 | 0♐32'01 | 15°20 | 17°34 | 5°42 | 13° 4 | 13° 1 | 7° 9 | 26°56 | 1°58 | 4°24 | 26°50 | 25°23 | 19°20 | 20°10 | T 23 |
| F 24 | 4 11 47 | 1°32'27 | 29°44 | 17°13 | 6°55 | 13°34 | 13° 8 | 7°11 | 26°59 | 1°58 | 4°23 | 26°46 | 25°20 | 19°27 | 20° 9 | F 24 |
| S 25 | 4 15 43 | 2°32'54 | 14♉33 | 16°42 | 8° 8 | 14° 4 | 13°14 | 7°12 | 27° 2 | 1°57 | 4°22 | 26°39 | 25°16 | 19°34 | 20° 9 | S 25 |
| S 26 | 4 19 40 | 3°33'23 | 29°43 | 15°59 | 9°21 | 14°34 | 13°20 | 7°14 | 27° 6 | 1°56 | 4°21 | 26°30 | 25°13 | 19°40 | 20° 8 | S 26 |
| M27 | 4 23 36 | 4°33'54 | 15♊ 2 | 15° 7 | 10°34 | 15° 4 | 13°26 | 7°15 | 27° 9 | 1°56 | 4°20 | 26°20 | 25°10 | 19°47 | 20° 8 | M27 |
| T 28 | 4 27 33 | 5°34'26 | 0♋19 | 14° 5 | 11°47 | 15°34 | 13°33 | 7°17 | 27°13 | 1°55 | 4°19 | 26°10 | 25° 7 | 19°54 | 20° 8 | T 28 |
| W29 | 4 31 30 | 6°35'00 | 15°23 | 12°56 | 13° 0 | 16° 3 | 13°38 | 7°19 | 27°16 | 1°54 | 4°18 | 26° 1 | 25° 4 | 20° 1 | 20° 8 | W29 |
| T 30 | 4 35 26 | 7♐35'35 | 0♑ 6 | 11♐39 | 14♑13 | 16♍33 | 13♍44 | 7♓21 | 27♐20 | 1♑53 | 4♋17 | 25♍53 | 25♍ 1 | 20♐ 7 | 20♓ 8 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s18 | 18n 8 | 5s 7 | 22s23 | 2s20 | 22s40 | 0s57 | 12n27 | 1n34 | 8n35 | 0n51 | 10s36 | 1s51 | 23s28 | 0s 9 | 19n11 | 0s29 | 16n35 | 6s43 | 0n44 | 1n22 | 17s41 | 0n27 | 4n33 |
| T 2 | 14 37 | 17 5 | 4 47 | 22 44 | 2 25 | 22 53 | 1 0 | 12 15 | 1 35 | 8 32 | 0 51 | 10 36 | 1 51 | 23 28 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 46 | 1 23 | 17 42 | 0 26 | 4 33 |
| F 3 | 14 56 | 15 2 | 4 9 | 23 4 | 2 29 | 23 7 | 1 3 | 12 4 | 1 36 | 8 28 | 0 52 | 10 36 | 1 51 | 23 28 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 46 | 1 25 | 17 42 | 0 25 | 4 32 |
| S 4 | 15 14 | 12 9 | 3 19 | 23 23 | 2 33 | 23 19 | 1 5 | 11 53 | 1 36 | 8 25 | 0 52 | 10 37 | 1 51 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 46 | 1 26 | 17 43 | 0 24 | 4 32 |
| S 5 | 15 33 | 8 43 | 2 18 | 23 40 | 2 37 | 23 31 | 1 8 | 11 42 | 1 37 | 8 22 | 0 52 | 10 37 | 1 51 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 46 | 1 27 | 17 43 | 0 23 | 4 32 |
| M 6 | 15 51 | 4 55 | 1 12 | 23 56 | 2 40 | 23 42 | 1 10 | 11 31 | 1 38 | 8 18 | 0 52 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 45 | 1 29 | 17 44 | 0 23 | 4 31 |
| T 7 | 16 9 | 0 58 | 0 4 | 24 11 | 2 43 | 23 53 | 1 13 | 11 20 | 1 39 | 8 15 | 0 52 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 45 | 1 30 | 17 44 | 0 22 | 4 31 |
| W 8 | 16 26 | 2s58 | 1n 4 | 24 24 | 2 45 | 24 2 | 1 16 | 11 8 | 1 40 | 8 12 | 0 53 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 45 | 1 31 | 17 45 | 0 21 | 4 31 |
| T 9 | 16 43 | 6 42 | 2 7 | 24 36 | 2 47 | 24 12 | 1 18 | 10 57 | 1 41 | 8 9 | 0 53 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 46 | 1 32 | 17 45 | 0 20 | 4 30 |
| F 10 | 17 0 | 10 7 | 3 3 | 24 47 | 2 48 | 24 20 | 1 21 | 10 46 | 1 42 | 8 6 | 0 53 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 43 | 0 48 | 1 34 | 17 46 | 0 20 | 4 30 |
| S 11 | 17 17 | 13 5 | 3 51 | 24 56 | 2 49 | 24 28 | 1 23 | 10 35 | 1 43 | 8 3 | 0 53 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 0 51 | 1 35 | 17 46 | 0 19 | 4 30 |
| S 12 | 17 34 | 15 28 | 4 27 | 25 4 | 2 49 | 24 35 | 1 25 | 10 24 | 1 43 | 8 0 | 0 53 | 10 37 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 0 55 | 1 36 | 17 46 | 0 18 | 4 30 |
| M13 | 17 50 | 17 10 | 4 52 | 25 10 | 2 48 | 24 41 | 1 28 | 10 13 | 1 44 | 7 57 | 0 54 | 10 36 | 1 50 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 0 59 | 1 37 | 17 47 | 0 17 | 4 29 |
| T 14 | 18 6 | 18 7 | 5 4 | 25 14 | 2 46 | 24 47 | 1 30 | 10 2 | 1 45 | 7 54 | 0 54 | 10 36 | 1 49 | 23 29 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 1 4 | 1 39 | 17 47 | 0 17 | 4 29 |
| W15 | 18 21 | 18 17 | 5 3 | 25 17 | 2 44 | 24 52 | 1 32 | 9 51 | 1 46 | 7 52 | 0 54 | 10 36 | 1 49 | 23 30 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 1 8 | 1 40 | 17 48 | 0 16 | 4 29 |
| T 16 | 18 36 | 17 38 | 4 48 | 25 19 | 2 41 | 24 56 | 1 34 | 9 40 | 1 47 | 7 49 | 0 54 | 10 36 | 1 49 | 23 30 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 1 11 | 1 41 | 17 48 | 0 15 | 4 28 |
| F 17 | 18 51 | 16 14 | 4 21 | 25 18 | 2 37 | 24 59 | 1 37 | 9 29 | 1 48 | 7 46 | 0 54 | 10 35 | 1 49 | 23 30 | 0 9 | 19 11 | 0 29 | 16 35 | 6 44 | 1 13 | 1 42 | 17 49 | 0 15 | 4 28 |
| S 18 | 19 6 | 14 5 | 3 43 | 25 16 | 2 31 | 25 2 | 1 39 | 9 18 | 1 49 | 7 43 | 0 55 | 10 35 | 1 49 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 15 | 1 44 | 17 49 | 0 14 | 4 28 |
| S 19 | 19 20 | 11 16 | 2 53 | 25 11 | 2 25 | 25 4 | 1 41 | 9 7 | 1 50 | 7 41 | 0 55 | 10 34 | 1 49 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 15 | 1 45 | 17 50 | 0 14 | 4 27 |
| M20 | 19 34 | 7 52 | 1 54 | 25 5 | 2 17 | 25 5 | 1 43 | 8 56 | 1 51 | 7 38 | 0 55 | 10 34 | 1 49 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 15 | 1 46 | 17 50 | 0 13 | 4 27 |
| T 21 | 19 47 | 4 0 | 0 47 | 24 57 | 2 8 | 25 5 | 1 45 | 8 45 | 1 52 | 7 36 | 0 55 | 10 33 | 1 48 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 15 | 1 47 | 17 50 | 0 12 | 4 27 |
| W22 | 20 0 | 0n12 | 0s24 | 24 46 | 1 57 | 25 5 | 1 47 | 8 34 | 1 53 | 7 33 | 0 56 | 10 33 | 1 48 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 15 | 1 49 | 17 51 | 0 12 | 4 26 |
| T 23 | 20 13 | 4 32 | 1 37 | 24 33 | 1 45 | 25 4 | 1 48 | 8 23 | 1 54 | 7 31 | 0 56 | 10 32 | 1 48 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 16 | 1 50 | 17 51 | 0 11 | 4 26 |
| F 24 | 20 25 | 8 46 | 2 46 | 24 17 | 1 31 | 25 2 | 1 50 | 8 13 | 1 55 | 7 29 | 0 56 | 10 32 | 1 48 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 17 | 1 51 | 17 52 | 0 11 | 4 26 |
| S 25 | 20 37 | 12 35 | 3 45 | 23 59 | 1 16 | 25 0 | 1 52 | 8 2 | 1 56 | 7 26 | 0 56 | 10 31 | 1 48 | 23 30 | 0 9 | 19 12 | 0 29 | 16 35 | 6 44 | 1 20 | 1 52 | 17 52 | 0 11 | 4 25 |
| S 26 | 20 49 | 15 38 | 4 30 | 23 38 | 0 59 | 24 56 | 1 53 | 7 51 | 1 57 | 7 24 | 0 56 | 10 30 | 1 48 | 23 30 | 0 9 | 19 13 | 0 29 | 16 35 | 6 44 | 1 23 | 1 54 | 17 53 | 0 10 | 4 25 |
| M27 | 21 0 | 17 38 | 4 56 | 23 14 | 0 41 | 24 52 | 1 55 | 7 41 | 1 58 | 7 22 | 0 57 | 10 30 | 1 48 | 23 31 | 0 9 | 19 13 | 0 29 | 16 35 | 6 44 | 1 27 | 1 55 | 17 53 | 0 10 | 4 25 |
| T 28 | 21 11 | 18 22 | 5 1 | 22 48 | 0 22 | 24 48 | 1 56 | 7 30 | 1 59 | 7 20 | 0 57 | 10 29 | 1 48 | 23 31 | 0 9 | 19 13 | 0 29 | 16 35 | 6 44 | 1 31 | 1 56 | 17 53 | 0 9 | 4 24 |
| W29 | 21 22 | 17 46 | 4 45 | 22 19 | 0 2 | 24 42 | 1 58 | 7 20 | 2 0 | 7 18 | 0 57 | 10 28 | 1 47 | 23 31 | 0 9 | 19 13 | 0 29 | 16 35 | 6 44 | 1 35 | 1 57 | 17 54 | 0 9 | 4 24 |
| T 30 | 21s32 | 16n 0 | 4s10 | 21s49 | 0n19 | 24s36 | 1s59 | 7n 9 | 2n 1 | 7n16 | 0n57 | 10s27 | 1s47 | 23s31 | 0s 9 | 19n13 | 0s29 | 16n35 | 6s44 | 1n38 | 1n59 | 17s54 | 0n 9 | 4n24 |

Julian Day Number = 2600137.5, Delta T = 08m58s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'41, Lahiri = 29°32'42


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# ASTRODIENST EPHEMERIS for the year 2406
# geocentric

## DECEMBER 2406 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 39 23 | 8♐36'12 | 14♌22 | 10°R19 | 15♏26 | 17♍ 2 | 13♍50 | 7♓23 | 27♐23 | 1°R52 | 4°R16 | 25°R49 | 24♍57 | 20♐14 | 20°D 8 | F 1 |
| S 2 | 4 43 19 | 9°36'51 | 28° 9 | 8♐57 | 16°39 | 17°30 | 13°55 | 7°25 | 27°27 | 1♌52 | 4♋14 | 25♍46 | 24°54 | 20°21 | 20♓ 8 | S 2 |
| S 3 | 4 47 16 | 10°37'31 | 11♍30 | 7°36 | 17°51 | 17°59 | 14° 0 | 7°27 | 27°30 | 1°51 | 4°13 | 25°D46 | 24°51 | 20°27 | 20° 8 | S 3 |
| M 4 | 4 51 12 | 11°38'13 | 24°27 | 6°18 | 19° 4 | 18°28 | 14° 5 | 7°30 | 27°34 | 1°50 | 4°12 | 25°R46 | 24°48 | 20°34 | 20° 8 | M 4 |
| T 5 | 4 55 9 | 12°38'57 | 7♎ 3 | 5° 8 | 20°17 | 18°56 | 14°10 | 7°32 | 27°37 | 1°49 | 4°11 | 25°46 | 24°45 | 20°41 | 20° 8 | T 5 |
| W 6 | 4 59 5 | 13°39'42 | 19°25 | 4° 5 | 21°29 | 19°24 | 14°15 | 7°35 | 27°41 | 1°48 | 4°10 | 25°43 | 24°42 | 20°48 | 20° 9 | W 6 |
| T 7 | 5 3 2 | 14°40'28 | 1♏35 | 3°13 | 22°42 | 19°52 | 14°20 | 7°37 | 27°44 | 1°47 | 4° 9 | 25°39 | 24°38 | 20°54 | 20° 9 | T 7 |
| F 8 | 5 6 59 | 15°41'16 | 13°37 | 2°31 | 23°54 | 20°19 | 14°24 | 7°40 | 27°48 | 1°46 | 4° 8 | 25°31 | 24°35 | 21° 1 | 20° 9 | F 8 |
| S 9 | 5 10 55 | 16°42'05 | 25°34 | 2° 1 | 25° 7 | 20°47 | 14°28 | 7°43 | 27°52 | 1°45 | 4° 7 | 25°20 | 24°32 | 21° 8 | 20°10 | S 9 |
| S 10 | 5 14 52 | 17°42'56 | 7♐28 | 1°43 | 26°19 | 21°14 | 14°32 | 7°46 | 27°55 | 1°44 | 4° 6 | 25° 6 | 24°29 | 21°14 | 20°10 | S 10 |
| M11 | 5 18 48 | 18°43'47 | 19°21 | 1°D35 | 27°32 | 21°41 | 14°36 | 7°49 | 27°59 | 1°42 | 4° 5 | 24°51 | 24°26 | 21°21 | 20°11 | M11 |
| T 12 | 5 22 45 | 19°44'40 | 1♑13 | 1°39 | 28°44 | 22° 7 | 14°40 | 7°52 | 28° 3 | 1°41 | 4° 3 | 24°36 | 24°22 | 21°28 | 20°12 | T 12 |
| W13 | 5 26 41 | 20°45'34 | 13° 6 | 1°52 | 29°56 | 22°34 | 14°43 | 7°55 | 28° 6 | 1°40 | 4° 2 | 24°22 | 24°19 | 21°35 | 20°12 | W13 |
| T 14 | 5 30 38 | 21°46'29 | 25° 1 | 2°14 | 1♒ 9 | 23° 0 | 14°47 | 7°58 | 28°10 | 1°39 | 4° 1 | 24°10 | 24°16 | 21°41 | 20°13 | T 14 |
| F 15 | 5 34 34 | 22°47'24 | 7♒ 1 | 2°45 | 2°21 | 23°26 | 14°50 | 8° 2 | 28°13 | 1°38 | 4° 0 | 24° 0 | 24°13 | 21°48 | 20°14 | F 15 |
| S 16 | 5 38 31 | 23°48'21 | 19° 9 | 3°22 | 3°33 | 23°52 | 14°53 | 8° 5 | 28°17 | 1°36 | 3°59 | 23°54 | 24°10 | 21°55 | 20°15 | S 16 |
| S 17 | 5 42 28 | 24°49'18 | 1♓26 | 4° 7 | 4°45 | 24°17 | 14°56 | 8° 9 | 28°21 | 1°35 | 3°58 | 23°50 | 24° 7 | 22° 2 | 20°16 | S 17 |
| M18 | 5 46 24 | 25°50'15 | 13°59 | 4°57 | 5°57 | 24°42 | 14°58 | 8°12 | 28°24 | 1°34 | 3°56 | 23°49 | 24° 3 | 22° 8 | 20°17 | M18 |
| T 19 | 5 50 21 | 26°51'13 | 26°51 | 5°52 | 7° 9 | 25° 7 | 15° 1 | 8°16 | 28°28 | 1°33 | 3°55 | 23°49 | 24° 0 | 22°15 | 20°18 | T 19 |
| W20 | 5 54 17 | 27°52'12 | 10♈ 6 | 6°52 | 8°21 | 25°32 | 15° 3 | 8°20 | 28°32 | 1°31 | 3°54 | 23°48 | 23°57 | 22°22 | 20°19 | W20 |
| T 21 | 5 58 14 | 28°53'11 | 23°49 | 7°55 | 9°33 | 25°56 | 15° 5 | 8°24 | 28°35 | 1°30 | 3°53 | 23°47 | 23°54 | 22°28 | 20°20 | T 21 |
| F 22 | 6 2 10 | 29°54'11 | 8♉ 1 | 9° 3 | 10°44 | 26°20 | 15° 7 | 8°28 | 28°39 | 1°29 | 3°52 | 23°43 | 23°51 | 22°35 | 20°21 | F 22 |
| S 23 | 6 6 7 | 0♑55'11 | 22°40 | 10°13 | 11°56 | 26°44 | 15° 8 | 8°32 | 28°43 | 1°27 | 3°51 | 23°36 | 23°48 | 22°42 | 20°23 | S 23 |
| S 24 | 6 10 3 | 1°56'12 | 7♊43 | 11°25 | 13° 7 | 27° 7 | 15°10 | 8°36 | 28°46 | 1°26 | 3°49 | 23°26 | 23°44 | 22°49 | 20°24 | S 24 |
| M25 | 6 14 0 | 2°57'13 | 23° 1 | 12°40 | 14°19 | 27°30 | 15°11 | 8°40 | 28°50 | 1°24 | 3°48 | 23°15 | 23°41 | 22°55 | 20°25 | M25 |
| T 26 | 6 17 57 | 3°58'15 | 8♋23 | 13°57 | 15°30 | 27°53 | 15°12 | 8°45 | 28°54 | 1°23 | 3°47 | 23° 4 | 23°38 | 23° 2 | 20°27 | T 26 |
| W27 | 6 21 53 | 4°59'18 | 23°36 | 15°15 | 16°42 | 28°15 | 15°13 | 8°49 | 28°57 | 1°21 | 3°46 | 22°53 | 23°35 | 23° 9 | 20°28 | W27 |
| T 28 | 6 25 50 | 6° 0'21 | 8♌32 | 16°35 | 17°53 | 28°38 | 15°14 | 8°54 | 29° 1 | 1°20 | 3°45 | 22°45 | 23°32 | 23°16 | 20°30 | T 28 |
| F 29 | 6 29 46 | 7° 1'24 | 23° 1 | 17°57 | 19° 4 | 28°59 | 15°15 | 8°58 | 29° 5 | 1°18 | 3°43 | 22°39 | 23°28 | 23°22 | 20°32 | F 29 |
| S 30 | 6 33 43 | 8° 2'29 | 7♍ 0 | 19°19 | 20°15 | 29°21 | 15°15 | 9° 3 | 29° 8 | 1°17 | 3°42 | 22°36 | 23°25 | 23°29 | 20°33 | S 30 |
| S 31 | 6 37 39 | 9♑ 3'34 | 20♍30 | 20♐43 | 21♒26 | 29♍42 | 15°R15 | 9♓ 8 | 29♐12 | 1♌15 | 3♋41 | 22°D35 | 23♍22 | 23♐36 | 20♓35 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s41 | 13n17 | 3s21 | 21s18 | 0n39 | 24s29 | 2s 0 | 6n59 | 2n 2 | 7n14 | 0n58 | 10s26 | 1s47 | 23s31 | 0s 9 | 19n13 | 0s29 | 16n35 | 6s44 | 1n40 | 2n 0 | 17s55 | 0n 8 | 4n23 |
| S 2 | 21 50 | 9 53 | 2 21 | 20 46 | 0 59 | 24 22 | 2 2 | 6 48 | 2 3 | 7 12 | 0 58 | 10 25 | 1 47 | 23 31 | 0 9 | 19 14 | 0 29 | 16 35 | 6 44 | 1 41 | 2 1 | 17 55 | 0 8 | 4 23 |
| S 3 | 21 59 | 6 5 | 1 15 | 20 15 | 1 18 | 24 13 | 2 3 | 6 38 | 2 4 | 7 10 | 0 58 | 10 24 | 1 47 | 23 31 | 0 9 | 19 14 | 0 29 | 16 35 | 6 44 | 1 41 | 2 2 | 17 55 | 0 8 | 4 23 |
| M 4 | 22 8 | 2 6 | 0 7 | 19 45 | 1 36 | 24 4 | 2 4 | 6 28 | 2 5 | 7 9 | 0 58 | 10 23 | 1 47 | 23 31 | 0 9 | 19 14 | 0 29 | 16 35 | 6 44 | 1 41 | 2 4 | 17 56 | 0 8 | 4 22 |
| T 5 | 22 16 | 1s53 | 0n59 | 19 17 | 1 51 | 23 55 | 2 5 | 6 18 | 2 6 | 7 7 | 0 59 | 10 22 | 1 47 | 23 31 | 0 9 | 19 14 | 0 29 | 16 35 | 6 44 | 1 41 | 2 5 | 17 56 | 0 7 | 4 22 |
| W 6 | 22 23 | 5 42 | 2 2 | 18 52 | 2 5 | 23 44 | 2 5 | 6 8 | 2 7 | 7 5 | 0 59 | 10 21 | 1 47 | 23 31 | 0 9 | 19 14 | 0 29 | 16 35 | 6 44 | 1 42 | 2 6 | 17 57 | 0 7 | 4 22 |
| T 7 | 22 30 | 9 13 | 2 57 | 18 31 | 2 16 | 23 33 | 2 6 | 5 58 | 2 8 | 7 4 | 0 59 | 10 20 | 1 46 | 23 31 | 0 9 | 19 15 | 0 29 | 16 35 | 6 44 | 1 44 | 2 8 | 17 57 | 0 7 | 4 21 |
| F 8 | 22 37 | 12 19 | 3 44 | 18 14 | 2 26 | 23 21 | 2 7 | 5 48 | 2 9 | 7 2 | 0 59 | 10 19 | 1 46 | 23 31 | 0 9 | 19 15 | 0 29 | 16 35 | 6 44 | 1 47 | 2 9 | 17 57 | 0 7 | 4 21 |
| S 9 | 22 43 | 14 53 | 4 21 | 18 1 | 2 33 | 23 9 | 2 7 | 5 38 | 2 10 | 7 1 | 1 0 | 10 18 | 1 46 | 23 31 | 0 9 | 19 15 | 0 29 | 16 35 | 6 44 | 1 51 | 2 10 | 17 58 | 0 7 | 4 21 |
| S 10 | 22 49 | 16 49 | 4 45 | 17 53 | 2 38 | 22 56 | 2 8 | 5 28 | 2 11 | 7 0 | 1 0 | 10 17 | 1 46 | 23 32 | 0 9 | 19 15 | 0 29 | 16 35 | 6 44 | 1 56 | 2 11 | 17 58 | 0 7 | 4 20 |
| M11 | 22 54 | 18 0 | 4 58 | 17 48 | 2 41 | 22 42 | 2 8 | 5 19 | 2 12 | 6 58 | 1 0 | 10 16 | 1 46 | 23 32 | 0 9 | 19 16 | 0 29 | 16 35 | 6 44 | 2 2 | 2 13 | 17 58 | 0 7 | 4 20 |
| T 12 | 22 59 | 18 25 | 4 57 | 17 48 | 2 42 | 22 28 | 2 9 | 5 9 | 2 13 | 6 57 | 1 0 | 10 14 | 1 46 | 23 32 | 0 9 | 19 16 | 0 29 | 16 35 | 6 44 | 2 8 | 2 14 | 17 59 | 0 7 | 4 20 |
| W13 | 23 4 | 18 2 | 4 44 | 17 51 | 2 42 | 22 13 | 2 9 | 5 0 | 2 14 | 6 56 | 1 1 | 10 13 | 1 46 | 23 32 | 0 9 | 19 16 | 0 29 | 16 35 | 6 44 | 2 14 | 2 15 | 17 59 | 0 7 | 4 20 |
| T 14 | 23 8 | 16 51 | 4 18 | 17 56 | 2 40 | 21 57 | 2 9 | 4 51 | 2 15 | 6 55 | 1 1 | 10 12 | 1 46 | 23 32 | 0 10 | 19 16 | 0 29 | 16 35 | 6 44 | 2 19 | 2 16 | 18 0 | 0 7 | 4 19 |
| F 15 | 23 11 | 14 55 | 3 40 | 18 5 | 2 38 | 21 41 | 2 9 | 4 41 | 2 16 | 6 54 | 1 1 | 10 10 | 1 45 | 23 32 | 0 10 | 19 17 | 0 29 | 16 35 | 6 44 | 2 23 | 2 18 | 18 0 | 0 7 | 4 19 |
| S 16 | 23 14 | 12 19 | 2 52 | 18 16 | 2 34 | 21 24 | 2 9 | 4 32 | 2 17 | 6 53 | 1 1 | 10 9 | 1 45 | 23 32 | 0 10 | 19 17 | 0 29 | 16 35 | 6 44 | 2 25 | 2 19 | 18 0 | 0 7 | 4 19 |
| S 17 | 23 17 | 9 8 | 1 55 | 18 28 | 2 30 | 21 7 | 2 9 | 4 23 | 2 19 | 6 52 | 1 2 | 10 7 | 1 45 | 23 32 | 0 10 | 19 17 | 0 29 | 16 35 | 6 44 | 2 27 | 2 20 | 18 1 | 0 7 | 4 18 |
| M18 | 23 19 | 5 29 | 0 52 | 18 42 | 2 24 | 20 49 | 2 8 | 4 14 | 2 20 | 6 52 | 1 2 | 10 6 | 1 45 | 23 32 | 0 10 | 19 17 | 0 29 | 16 35 | 6 44 | 2 27 | 2 21 | 18 1 | 0 7 | 4 18 |
| T 19 | 23 21 | 1 30 | 0s16 | 18 58 | 2 18 | 20 30 | 2 8 | 4 6 | 2 21 | 6 51 | 1 2 | 10 4 | 1 45 | 23 32 | 0 10 | 19 18 | 0 29 | 16 35 | 6 44 | 2 27 | 2 23 | 18 1 | 0 7 | 4 18 |
| W20 | 23 22 | 2n41 | 1 25 | 19 14 | 2 12 | 20 11 | 2 8 | 3 57 | 2 22 | 6 50 | 1 2 | 10 3 | 1 45 | 23 32 | 0 10 | 19 18 | 0 29 | 16 35 | 6 44 | 2 27 | 2 24 | 18 2 | 0 7 | 4 17 |
| T 21 | 23 23 | 6 53 | 2 31 | 19 31 | 2 5 | 19 52 | 2 7 | 3 48 | 2 23 | 6 50 | 1 3 | 10 1 | 1 45 | 23 32 | 0 10 | 19 18 | 0 29 | 16 36 | 6 44 | 2 28 | 2 25 | 18 2 | 0 7 | 4 17 |
| F 22 | 23 23 | 10 49 | 3 31 | 19 48 | 1 58 | 19 32 | 2 6 | 3 40 | 2 24 | 6 49 | 1 3 | 10 0 | 1 45 | 23 32 | 0 10 | 19 19 | 0 29 | 16 36 | 6 44 | 2 29 | 2 26 | 18 2 | 0 7 | 4 17 |
| S 23 | 23 23 | 14 14 | 4 18 | 20 6 | 1 51 | 19 11 | 2 6 | 3 32 | 2 26 | 6 49 | 1 3 | 9 58 | 1 45 | 23 32 | 0 10 | 19 19 | 0 29 | 16 36 | 6 44 | 2 32 | 2 28 | 18 3 | 0 8 | 4 16 |
| S 24 | 23 22 | 16 47 | 4 49 | 20 24 | 1 43 | 18 50 | 2 5 | 3 23 | 2 27 | 6 49 | 1 4 | 9 56 | 1 44 | 23 32 | 0 10 | 19 19 | 0 29 | 16 36 | 6 44 | 2 36 | 2 29 | 18 3 | 0 8 | 4 16 |
| M25 | 23 21 | 18 12 | 5 0 | 20 41 | 1 36 | 18 28 | 2 4 | 3 15 | 2 28 | 6 48 | 1 4 | 9 55 | 1 44 | 23 32 | 0 10 | 19 20 | 0 29 | 16 36 | 6 44 | 2 40 | 2 30 | 18 3 | 0 8 | 4 16 |
| T 26 | 23 19 | 18 18 | 4 50 | 20 58 | 1 28 | 18 6 | 2 3 | 3 7 | 2 29 | 6 48 | 1 4 | 9 53 | 1 44 | 23 32 | 0 10 | 19 20 | 0 29 | 16 36 | 6 44 | 2 45 | 2 31 | 18 4 | 0 8 | 4 15 |
| W27 | 23 17 | 17 4 | 4 19 | 21 15 | 1 20 | 17 43 | 2 1 | 2 59 | 2 30 | 6 48 | 1 4 | 9 51 | 1 44 | 23 32 | 0 10 | 19 20 | 0 29 | 16 36 | 6 44 | 2 49 | 2 33 | 18 4 | 0 9 | 4 15 |
| T 28 | 23 15 | 14 42 | 3 31 | 21 31 | 1 12 | 17 20 | 2 0 | 2 52 | 2 32 | 6 48 | 1 5 | 9 49 | 1 44 | 23 32 | 0 10 | 19 21 | 0 29 | 16 36 | 6 44 | 2 52 | 2 34 | 18 4 | 0 9 | 4 15 |
| F 29 | 23 12 | 11 27 | 2 30 | 21 47 | 1 4 | 16 57 | 1 59 | 2 44 | 2 33 | 6 48 | 1 5 | 9 48 | 1 44 | 23 32 | 0 10 | 19 21 | 0 29 | 16 36 | 6 44 | 2 55 | 2 35 | 18 5 | 0 9 | 4 14 |
| S 30 | 23 8 | 7 39 | 1 22 | 22 2 | 0 56 | 16 33 | 1 57 | 2 37 | 2 34 | 6 48 | 1 5 | 9 46 | 1 44 | 23 33 | 0 10 | 19 21 | 0 29 | 16 36 | 6 44 | 2 56 | 2 36 | 18 5 | 0 10 | 4 14 |
| S 31 | 23s 5 | 3n35 | 0s11 | 22s16 | 0n48 | 16s 9 | 1s55 | 2n30 | 2n35 | 6n48 | 1n 5 | 9s44 | 1s44 | 23s33 | 0s10 | 19n22 | 0s29 | 16n36 | 6s44 | 2n56 | 2n38 | 18s 5 | 0n10 | 4n14 |

Julian Day Number = 2600167.5, Delta T = 08m58s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'45, Lahiri = 29°32'46


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## JANUARY 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 41 36 | 10♉ 4'40 | 3♎32 | 22♐ 8 | 22♒36 | 0♎ 3 | 15°R15 | 9♓13 | 29♐15 | 1°R14 | 3°R40 | 22♍36 | 23♍19 | 23♐42 | 20♓37 | M 1 |
| T 2 | 6 45 32 | 11° 5'46 | 16°10 | 23°33 | 23°47 | 0°23 | 15♍15 | 9°17 | 29°19 | 1♌12 | 3♋39 | 22°R36 | 23°16 | 23°49 | 20°39 | T 2 |
| W 3 | 6 49 29 | 12° 6'53 | 28°30 | 24°59 | 24°58 | 0°43 | 15°14 | 9°22 | 29°23 | 1°11 | 3°38 | 22°34 | 23°13 | 23°56 | 20°40 | W 3 |
| T 4 | 6 53 26 | 13° 8'01 | 10♏37 | 26°26 | 26° 8 | 1° 3 | 15°14 | 9°27 | 29°26 | 1° 9 | 3°36 | 22°31 | 23° 9 | 24° 3 | 20°42 | T 4 |
| F 5 | 6 57 22 | 14° 9'09 | 22°35 | 27°54 | 27°19 | 1°22 | 15°13 | 9°32 | 29°30 | 1° 7 | 3°35 | 22°24 | 23° 6 | 24° 9 | 20°44 | F 5 |
| S 6 | 7 1 19 | 15°10'17 | 4♐28 | 29°22 | 28°29 | 1°41 | 15°12 | 9°38 | 29°33 | 1° 6 | 3°34 | 22°15 | 23° 3 | 24°16 | 20°46 | S 6 |
| S 7 | 7 5 15 | 16°11'26 | 16°19 | 0♑50 | 29°39 | 1°59 | 15°11 | 9°43 | 29°37 | 1° 4 | 3°33 | 22° 4 | 23° 0 | 24°23 | 20°49 | S 7 |
| M 8 | 7 9 12 | 17°12'35 | 28°10 | 2°19 | 0♓49 | 2°17 | 15° 9 | 9°48 | 29°40 | 1° 3 | 3°32 | 21°51 | 22°57 | 24°29 | 20°51 | M 8 |
| T 9 | 7 13 8 | 18°13'45 | 10♑ 4 | 3°49 | 1°59 | 2°34 | 15° 7 | 9°54 | 29°44 | 1° 1 | 3°31 | 21°38 | 22°54 | 24°36 | 20°53 | T 9 |
| W10 | 7 17 5 | 19°14'54 | 22° 3 | 5°19 | 3° 9 | 2°52 | 15° 6 | 9°59 | 29°47 | 0°59 | 3°29 | 21°25 | 22°50 | 24°43 | 20°55 | W10 |
| T 11 | 7 21 1 | 20°16'04 | 4♒ 6 | 6°49 | 4°18 | 3° 8 | 15° 4 | 10° 5 | 29°51 | 0°58 | 3°28 | 21°15 | 22°47 | 24°50 | 20°57 | T 11 |
| F 12 | 7 24 58 | 21°17'13 | 16°15 | 8°20 | 5°28 | 3°24 | 15° 1 | 10°10 | 29°54 | 0°56 | 3°27 | 21° 7 | 22°44 | 24°56 | 21° 0 | F 12 |
| S 13 | 7 28 55 | 22°18'22 | 28°33 | 9°51 | 6°37 | 3°40 | 14°59 | 10°16 | 29°58 | 0°54 | 3°26 | 21° 1 | 22°41 | 25° 3 | 21° 2 | S 13 |
| S 14 | 7 32 51 | 23°19'31 | 11♓ 0 | 11°23 | 7°46 | 3°55 | 14°56 | 10°21 | 0♑ 1 | 0°53 | 3°25 | 20°59 | 22°38 | 25°10 | 21° 5 | S 14 |
| M15 | 7 36 48 | 24°20'40 | 23°39 | 12°55 | 8°55 | 4°10 | 14°54 | 10°27 | 0° 5 | 0°51 | 3°24 | 20°D58 | 22°34 | 25°17 | 21° 7 | M15 |
| T 16 | 7 40 44 | 25°21'48 | 6♈33 | 14°28 | 10° 4 | 4°24 | 14°51 | 10°33 | 0° 8 | 0°49 | 3°23 | 20°59 | 22°31 | 25°23 | 21°10 | T 16 |
| W17 | 7 44 41 | 26°22'56 | 19°47 | 16° 1 | 11°13 | 4°38 | 14°48 | 10°39 | 0°11 | 0°48 | 3°22 | 21° 0 | 22°28 | 25°30 | 21°12 | W17 |
| T 18 | 7 48 37 | 27°24'03 | 3♉21 | 17°34 | 12°21 | 4°51 | 14°44 | 10°45 | 0°15 | 0°46 | 3°21 | 21°R 0 | 22°25 | 25°37 | 21°15 | T 18 |
| F 19 | 7 52 34 | 28°25'10 | 17°19 | 19° 8 | 13°29 | 5° 4 | 14°41 | 10°51 | 0°18 | 0°44 | 3°19 | 20°58 | 22°22 | 25°43 | 21°17 | F 19 |
| S 20 | 7 56 30 | 29°26'16 | 1♊41 | 20°42 | 14°38 | 5°16 | 14°37 | 10°57 | 0°21 | 0°43 | 3°18 | 20°54 | 22°19 | 25°50 | 21°20 | S 20 |
| S 21 | 8 0 27 | 0♒27'21 | 16°23 | 22°17 | 15°45 | 5°28 | 14°33 | 11° 3 | 0°25 | 0°41 | 3°17 | 20°48 | 22°15 | 25°57 | 21°23 | S 21 |
| M22 | 8 4 24 | 1°28'26 | 1♋22 | 23°52 | 16°53 | 5°39 | 14°29 | 11° 9 | 0°28 | 0°39 | 3°16 | 20°41 | 22°12 | 26° 4 | 21°26 | M22 |
| T 23 | 8 8 20 | 2°29'30 | 16°27 | 25°28 | 18° 1 | 5°49 | 14°25 | 11°15 | 0°31 | 0°37 | 3°15 | 20°33 | 22° 9 | 26°10 | 21°29 | T 23 |
| W24 | 8 12 17 | 3°30'34 | 1♌31 | 27° 4 | 19° 8 | 5°59 | 14°21 | 11°22 | 0°35 | 0°36 | 3°14 | 20°26 | 22° 6 | 26°17 | 21°31 | W24 |
| T 25 | 8 16 13 | 4°31'37 | 16°22 | 28°41 | 20°15 | 6° 8 | 14°16 | 11°28 | 0°38 | 0°34 | 3°13 | 20°20 | 22° 3 | 26°24 | 21°34 | T 25 |
| F 26 | 8 20 10 | 5°32'40 | 0♍53 | 0♒18 | 21°22 | 6°17 | 14°11 | 11°34 | 0°41 | 0°32 | 3°12 | 20°16 | 22° 0 | 26°31 | 21°37 | F 26 |
| S 27 | 8 24 6 | 6°33'42 | 14°58 | 1°56 | 22°28 | 6°25 | 14° 6 | 11°41 | 0°44 | 0°31 | 3°11 | 20°D14 | 21°56 | 26°37 | 21°40 | S 27 |
| S 28 | 8 28 3 | 7°34'43 | 28°36 | 3°35 | 23°35 | 6°33 | 14° 1 | 11°47 | 0°47 | 0°29 | 3°10 | 20°15 | 21°53 | 26°44 | 21°43 | S 28 |
| M29 | 8 31 59 | 8°35'45 | 11♎46 | 5°14 | 24°41 | 6°40 | 13°56 | 11°54 | 0°50 | 0°27 | 3° 9 | 20°16 | 21°50 | 26°51 | 21°46 | M29 |
| T 30 | 8 35 56 | 9°36'46 | 24°32 | 6°53 | 25°47 | 6°46 | 13°51 | 12° 0 | 0°53 | 0°26 | 3° 8 | 20°17 | 21°47 | 26°57 | 21°49 | T 30 |
| W31 | 8 39 53 | 10♒37'46 | 6♏57 | 8♒33 | 26♓52 | 6♎51 | 13♍45 | 12♓ 7 | 0♑56 | 0♌24 | 3♋ 8 | 20°R18 | 21♍44 | 27♐ 4 | 21♓53 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23s 0 | 0s31 | 0n58 | 22s30 | 0n40 | 15s44 | 1s54 | 2n23 | 2n37 | 6n49 | 1n 6 | 9s42 | 1s44 | 23s33 | 0s10 | 19n22 | 0s29 | 16n36 | 6s44 | 2n56 | 2n39 | 18s 6 | 0n11 | 4n14 |
| T 2 | 22 55 | 4 28 | 2 2 | 22 42 | 0 32 | 15 19 | 1 52 | 2 16 | 2 38 | 6 49 | 1 6 | 9 40 | 1 44 | 23 33 | 0 10 | 19 22 | 0 29 | 16 37 | 6 44 | 2 56 | 2 40 | 18 6 | 0 11 | 4 13 |
| W 3 | 22 50 | 8 8 | 2 58 | 22 54 | 0 24 | 14 54 | 1 50 | 2 9 | 2 39 | 6 49 | 1 6 | 9 38 | 1 43 | 23 33 | 0 10 | 19 23 | 0 29 | 16 37 | 6 44 | 2 57 | 2 41 | 18 6 | 0 11 | 4 13 |
| T 4 | 22 44 | 11 24 | 3 46 | 23 4 | 0 16 | 14 28 | 1 48 | 2 2 | 2 40 | 6 50 | 1 6 | 9 36 | 1 43 | 23 33 | 0 10 | 19 23 | 0 29 | 16 37 | 6 43 | 2 58 | 2 43 | 18 7 | 0 12 | 4 13 |
| F 5 | 22 38 | 14 8 | 4 23 | 23 14 | 0 8 | 14 2 | 1 45 | 1 56 | 2 42 | 6 50 | 1 7 | 9 34 | 1 43 | 23 33 | 0 10 | 19 23 | 0 29 | 16 37 | 6 43 | 3 0 | 2 44 | 18 7 | 0 12 | 4 12 |
| S 6 | 22 31 | 16 16 | 4 48 | 23 22 | 0 1 | 13 35 | 1 43 | 1 50 | 2 43 | 6 51 | 1 7 | 9 32 | 1 43 | 23 33 | 0 10 | 19 24 | 0 29 | 16 37 | 6 43 | 3 4 | 2 45 | 18 7 | 0 13 | 4 12 |
| S 7 | 22 24 | 17 42 | 5 1 | 23 29 | 0s 7 | 13 8 | 1 41 | 1 44 | 2 44 | 6 52 | 1 7 | 9 30 | 1 43 | 23 33 | 0 10 | 19 24 | 0 29 | 16 37 | 6 43 | 3 8 | 2 46 | 18 8 | 0 14 | 4 12 |
| M 8 | 22 17 | 18 22 | 5 0 | 23 36 | 0 14 | 12 41 | 1 38 | 1 38 | 2 46 | 6 53 | 1 8 | 9 28 | 1 43 | 23 33 | 0 10 | 19 24 | 0 29 | 16 37 | 6 43 | 3 14 | 2 48 | 18 8 | 0 14 | 4 11 |
| T 9 | 22 9 | 18 14 | 4 47 | 23 41 | 0 21 | 12 14 | 1 36 | 1 32 | 2 47 | 6 53 | 1 8 | 9 26 | 1 43 | 23 33 | 0 10 | 19 25 | 0 29 | 16 37 | 6 43 | 3 19 | 2 49 | 18 8 | 0 15 | 4 11 |
| W10 | 22 0 | 17 18 | 4 21 | 23 44 | 0 28 | 11 46 | 1 33 | 1 26 | 2 48 | 6 54 | 1 8 | 9 24 | 1 43 | 23 33 | 0 10 | 19 25 | 0 29 | 16 37 | 6 43 | 3 24 | 2 50 | 18 8 | 0 15 | 4 11 |
| T 11 | 21 51 | 15 35 | 3 43 | 23 47 | 0 35 | 11 18 | 1 30 | 1 21 | 2 50 | 6 55 | 1 8 | 9 22 | 1 43 | 23 33 | 0 10 | 19 25 | 0 29 | 16 38 | 6 43 | 3 28 | 2 51 | 18 9 | 0 16 | 4 11 |
| F 12 | 21 42 | 13 9 | 2 54 | 23 49 | 0 41 | 10 50 | 1 27 | 1 16 | 2 51 | 6 57 | 1 9 | 9 19 | 1 43 | 23 33 | 0 10 | 19 26 | 0 29 | 16 38 | 6 43 | 3 31 | 2 53 | 18 9 | 0 17 | 4 10 |
| S 13 | 21 33 | 10 7 | 1 57 | 23 49 | 0 48 | 10 22 | 1 24 | 1 11 | 2 52 | 6 58 | 1 9 | 9 17 | 1 43 | 23 33 | 0 10 | 19 26 | 0 29 | 16 38 | 6 43 | 3 33 | 2 54 | 18 9 | 0 17 | 4 10 |
| S 14 | 21 22 | 6 36 | 0 53 | 23 48 | 0 54 | 9 53 | 1 21 | 1 6 | 2 54 | 6 59 | 1 9 | 9 15 | 1 43 | 23 33 | 0 10 | 19 27 | 0 29 | 16 38 | 6 43 | 3 34 | 2 55 | 18 10 | 0 18 | 4 10 |
| M15 | 21 12 | 2 44 | 0s14 | 23 45 | 1 0 | 9 24 | 1 17 | 1 2 | 2 55 | 7 0 | 1 9 | 9 13 | 1 43 | 23 33 | 0 10 | 19 27 | 0 29 | 16 38 | 6 42 | 3 34 | 2 56 | 18 10 | 0 19 | 4 10 |
| T 16 | 21 1 | 1n20 | 1 23 | 23 42 | 1 6 | 8 55 | 1 14 | 0 57 | 2 56 | 7 2 | 1 10 | 9 10 | 1 42 | 23 33 | 0 10 | 19 27 | 0 29 | 16 38 | 6 42 | 3 34 | 2 58 | 18 10 | 0 19 | 4 9 |
| W17 | 20 50 | 5 26 | 2 28 | 23 37 | 1 12 | 8 26 | 1 10 | 0 53 | 2 58 | 7 3 | 1 10 | 9 8 | 1 42 | 23 33 | 0 10 | 19 28 | 0 29 | 16 38 | 6 42 | 3 34 | 2 59 | 18 10 | 0 20 | 4 9 |
| T 18 | 20 38 | 9 21 | 3 27 | 23 30 | 1 17 | 7 56 | 1 7 | 0 49 | 2 59 | 7 5 | 1 10 | 9 6 | 1 42 | 23 33 | 0 10 | 19 28 | 0 29 | 16 38 | 6 42 | 3 34 | 3 0 | 18 11 | 0 21 | 4 9 |
| F 19 | 20 26 | 12 52 | 4 16 | 23 23 | 1 22 | 7 27 | 1 3 | 0 45 | 3 1 | 7 6 | 1 10 | 9 4 | 1 42 | 23 33 | 0 10 | 19 28 | 0 29 | 16 39 | 6 42 | 3 34 | 3 1 | 18 11 | 0 22 | 4 8 |
| S 20 | 20 13 | 15 43 | 4 50 | 23 14 | 1 27 | 6 57 | 0 59 | 0 42 | 3 2 | 7 8 | 1 11 | 9 1 | 1 42 | 23 33 | 0 10 | 19 29 | 0 29 | 16 39 | 6 42 | 3 36 | 3 3 | 18 11 | 0 23 | 4 8 |
| S 21 | 20 0 | 17 37 | 5 6 | 23 3 | 1 32 | 6 27 | 0 55 | 0 39 | 3 3 | 7 9 | 1 11 | 8 59 | 1 42 | 23 33 | 0 10 | 19 29 | 0 29 | 16 39 | 6 42 | 3 38 | 3 4 | 18 11 | 0 23 | 4 8 |
| M22 | 19 47 | 18 21 | 5 2 | 22 52 | 1 36 | 5 57 | 0 51 | 0 36 | 3 5 | 7 11 | 1 11 | 8 56 | 1 42 | 23 33 | 0 10 | 19 30 | 0 29 | 16 39 | 6 42 | 3 41 | 3 5 | 18 12 | 0 24 | 4 8 |
| T 23 | 19 33 | 17 48 | 4 36 | 22 38 | 1 40 | 5 27 | 0 47 | 0 33 | 3 6 | 7 13 | 1 11 | 8 54 | 1 42 | 23 33 | 0 10 | 19 30 | 0 29 | 16 39 | 6 42 | 3 44 | 3 6 | 18 12 | 0 25 | 4 7 |
| W24 | 19 19 | 16 0 | 3 52 | 22 24 | 1 44 | 4 57 | 0 43 | 0 30 | 3 8 | 7 15 | 1 12 | 8 52 | 1 42 | 23 33 | 0 10 | 19 30 | 0 29 | 16 39 | 6 41 | 3 47 | 3 8 | 18 12 | 0 26 | 4 7 |
| T 25 | 19 5 | 13 9 | 2 52 | 22 8 | 1 48 | 4 26 | 0 38 | 0 28 | 3 9 | 7 17 | 1 12 | 8 49 | 1 42 | 23 33 | 0 10 | 19 31 | 0 29 | 16 39 | 6 41 | 3 49 | 3 9 | 18 12 | 0 27 | 4 7 |
| F 26 | 18 50 | 9 32 | 1 43 | 21 51 | 1 51 | 3 56 | 0 34 | 0 26 | 3 10 | 7 19 | 1 12 | 8 47 | 1 42 | 23 33 | 0 10 | 19 31 | 0 29 | 16 40 | 6 41 | 3 51 | 3 10 | 18 13 | 0 28 | 4 7 |
| S 27 | 18 35 | 5 28 | 0 29 | 21 32 | 1 54 | 3 25 | 0 29 | 0 24 | 3 12 | 7 21 | 1 12 | 8 44 | 1 42 | 23 33 | 0 10 | 19 31 | 0 29 | 16 40 | 6 41 | 3 51 | 3 11 | 18 13 | 0 29 | 4 7 |
| S 28 | 18 20 | 1 15 | 0n45 | 21 12 | 1 57 | 2 55 | 0 24 | 0 22 | 3 13 | 7 23 | 1 13 | 8 42 | 1 42 | 23 33 | 0 10 | 19 32 | 0 29 | 16 40 | 6 41 | 3 51 | 3 13 | 18 13 | 0 30 | 4 6 |
| M29 | 18 4 | 2s53 | 1 54 | 20 51 | 1 59 | 2 24 | 0 19 | 0 21 | 3 15 | 7 25 | 1 13 | 8 39 | 1 42 | 23 33 | 0 10 | 19 32 | 0 29 | 16 40 | 6 41 | 3 51 | 3 14 | 18 13 | 0 31 | 4 6 |
| T 30 | 17 48 | 6 46 | 2 55 | 20 28 | 2 1 | 1 54 | 0 15 | 0 20 | 3 16 | 7 28 | 1 13 | 8 37 | 1 42 | 23 33 | 0 10 | 19 33 | 0 29 | 16 40 | 6 41 | 3 50 | 3 15 | 18 14 | 0 32 | 4 6 |
| W31 | 17s32 | 10s14 | 3n46 | 20s 3 | 2s 3 | 1s23 | 0s 9 | 0n19 | 3n18 | 7n30 | 1n13 | 8s34 | 1s42 | 23s33 | 0s10 | 19n33 | 0s29 | 16n40 | 6s40 | 3n50 | 3n16 | 18s14 | 0n33 | 4n 6 |

Julian Day Number = 2600198.5, Delta T = 08m59s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'49, Lahiri = 29°32'51


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## FEBRUARY 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 43 49 | 11♒38'46 | 19♏ 7 | 10♒14 | 27♓58 | 6♎56 | 13°R40 | 12♓13 | 0♑59 | 0°R22 | 3°R 7 | 20°R18 | 21♍40 | 27♐11 | 21♓56 | T 1 |
| F 2 | 8 47 46 | 12°39'46 | 1♐ 5 | 11°56 | 29° 3 | 7° 0 | 13♍34 | 12°20 | 1° 2 | 0♌21 | 3♋ 6 | 20♍16 | 21°37 | 27°18 | 21°59 | F 2 |
| S 3 | 8 51 42 | 13°40'45 | 12°58 | 13°38 | 0♈ 8 | 7° 4 | 13°28 | 12°27 | 1° 5 | 0°19 | 3° 5 | 20°13 | 21°34 | 27°24 | 22° 2 | S 3 |
| S 4 | 8 55 39 | 14°41'43 | 24°49 | 15°20 | 1°12 | 7° 6 | 13°22 | 12°33 | 1° 8 | 0°17 | 3° 4 | 20° 7 | 21°31 | 27°31 | 22° 5 | S 4 |
| M 5 | 8 59 35 | 15°42'41 | 6♑41 | 17° 4 | 2°16 | 7° 8 | 13°16 | 12°40 | 1°11 | 0°16 | 3° 3 | 20° 1 | 21°28 | 27°38 | 22° 9 | M 5 |
| T 6 | 9 3 32 | 16°43'38 | 18°39 | 18°48 | 3°20 | 7°10 | 13° 9 | 12°47 | 1°14 | 0°14 | 3° 2 | 19°55 | 21°25 | 27°44 | 22°12 | T 6 |
| W 7 | 9 7 28 | 17°44'34 | 0♒44 | 20°32 | 4°24 | 7°R10 | 13° 3 | 12°54 | 1°17 | 0°13 | 3° 2 | 19°49 | 21°21 | 27°51 | 22°15 | W 7 |
| T 8 | 9 11 25 | 18°45'29 | 12°57 | 22°18 | 5°27 | 7°10 | 12°56 | 13° 1 | 1°19 | 0°11 | 3° 1 | 19°43 | 21°18 | 27°58 | 22°19 | T 8 |
| F 9 | 9 15 22 | 19°46'23 | 25°20 | 24° 3 | 6°30 | 7° 9 | 12°50 | 13° 8 | 1°22 | 0° 9 | 3° 0 | 19°39 | 21°15 | 28° 5 | 22°22 | F 9 |
| S 10 | 9 19 18 | 20°47'16 | 7♓54 | 25°50 | 7°33 | 7° 7 | 12°43 | 13°15 | 1°25 | 0° 8 | 2°59 | 19°37 | 21°12 | 28°11 | 22°26 | S 10 |
| S 11 | 9 23 15 | 21°48'08 | 20°39 | 27°36 | 8°35 | 7° 5 | 12°36 | 13°21 | 1°28 | 0° 6 | 2°59 | 19°D37 | 21° 9 | 28°18 | 22°29 | S 11 |
| M12 | 9 27 11 | 22°48'59 | 3♈36 | 29°24 | 9°37 | 7° 2 | 12°29 | 13°28 | 1°30 | 0° 5 | 2°58 | 19°37 | 21° 5 | 28°25 | 22°33 | M12 |
| T 13 | 9 31 8 | 23°49'48 | 16°46 | 1♓11 | 10°38 | 6°58 | 12°22 | 13°35 | 1°33 | 0° 3 | 2°57 | 19°39 | 21° 2 | 28°32 | 22°36 | T 13 |
| W14 | 9 35 4 | 24°50'36 | 0♉10 | 2°59 | 11°39 | 6°53 | 12°15 | 13°43 | 1°35 | 0° 2 | 2°56 | 19°40 | 20°59 | 28°38 | 22°40 | W14 |
| T 15 | 9 39 1 | 25°51'22 | 13°48 | 4°47 | 12°40 | 6°47 | 12° 7 | 13°50 | 1°38 | 0° 0 | 2°56 | 19°42 | 20°56 | 28°45 | 22°43 | T 15 |
| F 16 | 9 42 57 | 26°52'07 | 27°43 | 6°35 | 13°40 | 6°41 | 12° 0 | 13°57 | 1°40 | 29♋59 | 2°55 | 19°R42 | 20°53 | 28°52 | 22°47 | F 16 |
| S 17 | 9 46 54 | 27°52'51 | 11♊52 | 8°23 | 14°39 | 6°34 | 11°53 | 14° 4 | 1°43 | 29°57 | 2°54 | 19°42 | 20°50 | 28°58 | 22°50 | S 17 |
| S 18 | 9 50 51 | 28°53'33 | 26°14 | 10°10 | 15°39 | 6°26 | 11°45 | 14°11 | 1°45 | 29°56 | 2°54 | 19°40 | 20°46 | 29° 5 | 22°54 | S 18 |
| M19 | 9 54 47 | 29°54'13 | 10♋46 | 11°57 | 16°37 | 6°17 | 11°38 | 14°18 | 1°47 | 29°54 | 2°53 | 19°38 | 20°43 | 29°12 | 22°58 | M19 |
| T 20 | 9 58 44 | 0♓54'51 | 25°24 | 13°43 | 17°36 | 6° 8 | 11°30 | 14°25 | 1°50 | 29°53 | 2°53 | 19°35 | 20°40 | 29°19 | 23° 1 | T 20 |
| W21 | 10 2 40 | 1°55'28 | 10♌ 1 | 15°28 | 18°33 | 5°57 | 11°22 | 14°32 | 1°52 | 29°52 | 2°52 | 19°33 | 20°37 | 29°25 | 23° 5 | W21 |
| T 22 | 10 6 37 | 2°56'04 | 24°30 | 17°11 | 19°31 | 5°46 | 11°15 | 14°40 | 1°54 | 29°50 | 2°52 | 19°31 | 20°34 | 29°32 | 23° 9 | T 22 |
| F 23 | 10 10 33 | 3°56'38 | 8♍46 | 18°52 | 20°27 | 5°34 | 11° 7 | 14°47 | 1°56 | 29°49 | 2°51 | 19°30 | 20°31 | 29°39 | 23°12 | F 23 |
| S 24 | 10 14 30 | 4°57'10 | 22°42 | 20°31 | 21°23 | 5°22 | 10°59 | 14°54 | 1°59 | 29°47 | 2°51 | 19°D29 | 20°27 | 29°45 | 23°16 | S 24 |
| S 25 | 10 18 26 | 5°57'41 | 6♎18 | 22° 7 | 22°19 | 5° 9 | 10°51 | 15° 1 | 2° 1 | 29°46 | 2°50 | 19°30 | 20°24 | 29°52 | 23°20 | S 25 |
| M26 | 10 22 23 | 6°58'11 | 19°30 | 23°39 | 23°13 | 4°54 | 10°43 | 15° 9 | 2° 3 | 29°45 | 2°50 | 19°31 | 20°21 | 29°59 | 23°24 | M26 |
| T 27 | 10 26 20 | 7°58'39 | 2♏20 | 25° 7 | 24° 7 | 4°40 | 10°35 | 15°16 | 2° 5 | 29°44 | 2°49 | 19°32 | 20°18 | 0♑ 6 | 23°27 | T 27 |
| W28 | 10 30 16 | 8♓59'06 | 14♏50 | 26♓30 | 25♈ 1 | 4♎24 | 10♍28 | 15♓23 | 2♑ 7 | 29♋42 | 2♋49 | 19♍33 | 20♍15 | 0♑12 | 23♓31 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s15 | 13s11 | 4n26 | 19s38 | 2s 4 | 0s52 | 0s 4 | 0n18 | 3n19 | 7n32 | 1n13 | 8s32 | 1s42 | 23s33 | 0s10 | 19n33 | 0s29 | 16n41 | 6s40 | 3n50 | 3n18 | 18s14 | 0n34 | 4n 5 |
| F 2 | 16 58 | 15 32 | 4 54 | 19 10 | 2 5 | 0 22 | 0n 1 | 0 18 | 3 20 | 7 35 | 1 14 | 8 29 | 1 42 | 23 33 | 0 10 | 19 34 | 0 29 | 16 41 | 6 40 | 3 51 | 3 19 | 18 14 | 0 35 | 4 5 |
| S 3 | 16 41 | 17 12 | 5 8 | 18 42 | 2 5 | 0n 9 | 0 6 | 0 18 | 3 22 | 7 37 | 1 14 | 8 26 | 1 42 | 23 33 | 0 10 | 19 34 | 0 29 | 16 41 | 6 40 | 3 52 | 3 20 | 18 14 | 0 36 | 4 5 |
| S 4 | 16 23 | 18 7 | 5 10 | 18 12 | 2 6 | 0 39 | 0 12 | 0 18 | 3 23 | 7 40 | 1 14 | 8 24 | 1 42 | 23 33 | 0 10 | 19 34 | 0 29 | 16 41 | 6 40 | 3 54 | 3 21 | 18 15 | 0 37 | 4 5 |
| M 5 | 16 5 | 18 15 | 4 58 | 17 40 | 2 5 | 1 10 | 0 17 | 0 18 | 3 25 | 7 42 | 1 14 | 8 21 | 1 42 | 23 33 | 0 10 | 19 35 | 0 29 | 16 41 | 6 40 | 3 57 | 3 23 | 18 15 | 0 38 | 4 5 |
| T 6 | 15 47 | 17 35 | 4 33 | 17 8 | 2 4 | 1 40 | 0 23 | 0 19 | 3 26 | 7 45 | 1 14 | 8 19 | 1 42 | 23 33 | 0 10 | 19 35 | 0 29 | 16 41 | 6 40 | 3 59 | 3 24 | 18 15 | 0 39 | 4 4 |
| W 7 | 15 29 | 16 7 | 3 56 | 16 33 | 2 3 | 2 11 | 0 28 | 0 20 | 3 27 | 7 48 | 1 15 | 8 16 | 1 42 | 23 33 | 0 10 | 19 35 | 0 29 | 16 42 | 6 39 | 4 2 | 3 25 | 18 15 | 0 41 | 4 4 |
| T 8 | 15 10 | 13 54 | 3 7 | 15 58 | 2 1 | 2 41 | 0 34 | 0 22 | 3 29 | 7 50 | 1 15 | 8 13 | 1 42 | 23 33 | 0 10 | 19 36 | 0 29 | 16 42 | 6 39 | 4 4 | 3 26 | 18 15 | 0 42 | 4 4 |
| F 9 | 14 51 | 11 1 | 2 9 | 15 21 | 1 59 | 3 11 | 0 40 | 0 23 | 3 30 | 7 53 | 1 15 | 8 11 | 1 41 | 23 33 | 0 10 | 19 36 | 0 29 | 16 42 | 6 39 | 4 5 | 3 28 | 18 16 | 0 43 | 4 4 |
| S 10 | 14 32 | 7 36 | 1 4 | 14 42 | 1 56 | 3 42 | 0 46 | 0 25 | 3 31 | 7 56 | 1 15 | 8 8 | 1 41 | 23 33 | 0 10 | 19 37 | 0 29 | 16 42 | 6 39 | 4 6 | 3 29 | 18 16 | 0 44 | 4 4 |
| S 11 | 14 12 | 3 47 | 0s 6 | 14 3 | 1 53 | 4 12 | 0 52 | 0 27 | 3 33 | 7 59 | 1 15 | 8 5 | 1 41 | 23 33 | 0 10 | 19 37 | 0 29 | 16 42 | 6 39 | 4 6 | 3 30 | 18 16 | 0 45 | 4 3 |
| M12 | 13 53 | 0n16 | 1 16 | 13 22 | 1 49 | 4 42 | 0 58 | 0 30 | 3 34 | 8 1 | 1 16 | 8 3 | 1 41 | 23 33 | 0 10 | 19 37 | 0 29 | 16 43 | 6 39 | 4 6 | 3 31 | 18 16 | 0 46 | 4 3 |
| T 13 | 13 33 | 4 22 | 2 24 | 12 40 | 1 45 | 5 11 | 1 5 | 0 32 | 3 35 | 8 4 | 1 16 | 8 0 | 1 41 | 23 33 | 0 10 | 19 38 | 0 29 | 16 43 | 6 38 | 4 5 | 3 33 | 18 16 | 0 48 | 4 3 |
| W14 | 13 13 | 8 18 | 3 25 | 11 56 | 1 40 | 5 41 | 1 11 | 0 35 | 3 36 | 8 7 | 1 16 | 7 57 | 1 41 | 23 33 | 0 10 | 19 38 | 0 29 | 16 43 | 6 38 | 4 5 | 3 34 | 18 17 | 0 49 | 4 3 |
| T 15 | 12 52 | 11 53 | 4 15 | 11 12 | 1 34 | 6 11 | 1 17 | 0 39 | 3 38 | 8 10 | 1 16 | 7 54 | 1 41 | 23 33 | 0 10 | 19 38 | 0 29 | 16 43 | 6 38 | 4 4 | 3 35 | 18 17 | 0 50 | 4 3 |
| F 16 | 12 32 | 14 51 | 4 52 | 10 26 | 1 28 | 6 40 | 1 24 | 0 42 | 3 39 | 8 13 | 1 16 | 7 52 | 1 41 | 23 33 | 0 10 | 19 39 | 0 29 | 16 43 | 6 38 | 4 4 | 3 36 | 18 17 | 0 51 | 4 3 |
| S 17 | 12 11 | 17 0 | 5 12 | 9 39 | 1 21 | 7 9 | 1 30 | 0 46 | 3 40 | 8 16 | 1 16 | 7 49 | 1 41 | 23 33 | 0 10 | 19 39 | 0 29 | 16 43 | 6 38 | 4 4 | 3 38 | 18 17 | 0 53 | 4 2 |
| S 18 | 11 50 | 18 7 | 5 13 | 8 52 | 1 13 | 7 38 | 1 37 | 0 50 | 3 41 | 8 19 | 1 16 | 7 46 | 1 41 | 23 33 | 0 10 | 19 39 | 0 29 | 16 44 | 6 38 | 4 5 | 3 39 | 18 17 | 0 54 | 4 2 |
| M19 | 11 29 | 18 4 | 4 54 | 8 4 | 1 5 | 8 7 | 1 44 | 0 55 | 3 42 | 8 22 | 1 17 | 7 44 | 1 41 | 23 33 | 0 10 | 19 40 | 0 29 | 16 44 | 6 37 | 4 6 | 3 40 | 18 18 | 0 55 | 4 2 |
| T 20 | 11 7 | 16 49 | 4 16 | 7 15 | 0 56 | 8 35 | 1 50 | 0 59 | 3 43 | 8 25 | 1 17 | 7 41 | 1 41 | 23 33 | 0 10 | 19 40 | 0 28 | 16 44 | 6 37 | 4 7 | 3 41 | 18 18 | 0 56 | 4 2 |
| W21 | 10 46 | 14 28 | 3 21 | 6 26 | 0 46 | 9 4 | 1 57 | 1 4 | 3 44 | 8 28 | 1 17 | 7 38 | 1 41 | 23 33 | 0 10 | 19 40 | 0 28 | 16 44 | 6 37 | 4 8 | 3 43 | 18 18 | 0 58 | 4 2 |
| T 22 | 10 24 | 11 13 | 2 14 | 5 36 | 0 36 | 9 32 | 2 4 | 1 9 | 3 45 | 8 31 | 1 17 | 7 35 | 1 41 | 23 33 | 0 10 | 19 40 | 0 28 | 16 44 | 6 37 | 4 9 | 3 44 | 18 18 | 0 59 | 4 2 |
| F 23 | 10 2 | 7 21 | 0 59 | 4 46 | 0 25 | 10 0 | 2 11 | 1 15 | 3 46 | 8 34 | 1 17 | 7 32 | 1 42 | 23 33 | 0 10 | 19 41 | 0 28 | 16 45 | 6 37 | 4 9 | 3 45 | 18 18 | 1 0 | 4 1 |
| S 24 | 9 40 | 3 10 | 0n18 | 3 57 | 0 13 | 10 27 | 2 18 | 1 21 | 3 47 | 8 37 | 1 17 | 7 30 | 1 42 | 23 33 | 0 10 | 19 41 | 0 28 | 16 45 | 6 37 | 4 9 | 3 46 | 18 18 | 1 2 | 4 1 |
| S 25 | 9 18 | 1s 5 | 1 32 | 3 8 | 0 1 | 10 55 | 2 25 | 1 27 | 3 47 | 8 40 | 1 17 | 7 27 | 1 42 | 23 33 | 0 10 | 19 41 | 0 28 | 16 45 | 6 36 | 4 9 | 3 48 | 18 18 | 1 3 | 4 1 |
| M26 | 8 56 | 5 10 | 2 39 | 2 20 | 0n12 | 11 22 | 2 32 | 1 33 | 3 48 | 8 43 | 1 17 | 7 24 | 1 42 | 23 33 | 0 10 | 19 42 | 0 28 | 16 45 | 6 36 | 4 9 | 3 49 | 18 19 | 1 4 | 4 1 |
| T 27 | 8 34 | 8 53 | 3 36 | 1 33 | 0 26 | 11 49 | 2 40 | 1 39 | 3 49 | 8 46 | 1 17 | 7 21 | 1 42 | 23 33 | 0 10 | 19 42 | 0 28 | 16 45 | 6 36 | 4 8 | 3 50 | 18 19 | 1 6 | 4 1 |
| W28 | 8s11 | 12s 6 | 4n21 | 0s47 | 0n40 | 12n15 | 2n47 | 1n46 | 3n49 | 8n50 | 1n18 | 7s19 | 1s42 | 23s33 | 0s11 | 19n42 | 0s28 | 16n46 | 6s36 | 4n 8 | 3n51 | 18s19 | 1n 7 | 4n 1 |

Julian Day Number = 2600229.5, Delta T = 08m59s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'53, Lahiri = 29°32'55


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## MARCH 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 34 13 | 9♓59'32 | 27♏ 5 | 27♓48 | 25♈54 | 4°R 8 | 10°R20 | 15♓30 | 2♑ 9 | 29°R41 | 2°R49 | 19♍34 | 20♍11 | 0♑19 | 23♓35 | T 1 |
| F 2 | 10 38 9 | 10°59'57 | 9♐ 7 | 29° 0 | 26°46 | 3♎51 | 10♍12 | 15°38 | 2°10 | 29♋40 | 2♋48 | 19°R34 | 20° 8 | 0°26 | 23°39 | F 2 |
| S 3 | 10 42 6 | 12° 0'20 | 21° 1 | 0♈ 5 | 27°37 | 3°34 | 10° 4 | 15°45 | 2°12 | 29°39 | 2°48 | 19°34 | 20° 5 | 0°32 | 23°43 | S 3 |
| S 4 | 10 46 2 | 13° 0'42 | 2♑53 | 1° 2 | 28°28 | 3°15 | 9°56 | 15°52 | 2°14 | 29°38 | 2°48 | 19°34 | 20° 2 | 0°39 | 23°47 | S 4 |
| M 5 | 10 49 59 | 14° 1'02 | 14°47 | 1°52 | 29°18 | 2°57 | 9°48 | 16° 0 | 2°16 | 29°37 | 2°47 | 19°33 | 19°59 | 0°46 | 23°50 | M 5 |
| T 6 | 10 53 55 | 15° 1'21 | 26°47 | 2°33 | 0♉ 7 | 2°37 | 9°40 | 16° 7 | 2°17 | 29°35 | 2°47 | 19°32 | 19°56 | 0°53 | 23°54 | T 6 |
| W 7 | 10 57 52 | 16° 1'38 | 8♒57 | 3° 6 | 0°55 | 2°17 | 9°32 | 16°14 | 2°19 | 29°34 | 2°47 | 19°32 | 19°52 | 0°59 | 23°58 | W 7 |
| T 8 | 11 1 49 | 17° 1'54 | 21°18 | 3°29 | 1°42 | 1°57 | 9°25 | 16°22 | 2°21 | 29°33 | 2°46 | 19°31 | 19°49 | 1° 6 | 24° 2 | T 8 |
| F 9 | 11 5 45 | 18° 2'08 | 3♓54 | 3°43 | 2°28 | 1°36 | 9°17 | 16°29 | 2°22 | 29°32 | 2°46 | 19°31 | 19°46 | 1°13 | 24° 6 | F 9 |
| S 10 | 11 9 42 | 19° 2'21 | 16°46 | 3°R47 | 3°14 | 1°15 | 9° 9 | 16°36 | 2°24 | 29°31 | 2°46 | 19°31 | 19°43 | 1°20 | 24°10 | S 10 |
| S 11 | 11 13 38 | 20° 2'31 | 29°53 | 3°42 | 3°58 | 0°53 | 9° 2 | 16°44 | 2°25 | 29°30 | 2°46 | 19°31 | 19°40 | 1°26 | 24°14 | S 11 |
| M12 | 11 17 35 | 21° 2'40 | 13♈15 | 3°27 | 4°41 | 0°31 | 8°54 | 16°51 | 2°26 | 29°29 | 2°46 | 19°31 | 19°37 | 1°33 | 24°18 | M12 |
| T 13 | 11 21 31 | 22° 2'47 | 26°51 | 3° 4 | 5°24 | 0° 8 | 8°46 | 16°58 | 2°28 | 29°28 | 2°46 | 19°31 | 19°33 | 1°40 | 24°21 | T 13 |
| W14 | 11 25 28 | 23° 2'52 | 10♉38 | 2°33 | 6° 5 | 29♍45 | 8°39 | 17° 6 | 2°29 | 29°28 | 2°46 | 19°30 | 19°30 | 1°46 | 24°25 | W14 |
| T 15 | 11 29 24 | 24° 2'55 | 24°34 | 1°55 | 6°45 | 29°22 | 8°32 | 17°13 | 2°30 | 29°27 | 2°46 | 19°30 | 19°27 | 1°53 | 24°29 | T 15 |
| F 16 | 11 33 21 | 25° 2'55 | 8♊39 | 1°10 | 7°24 | 28°59 | 8°24 | 17°20 | 2°31 | 29°26 | 2°46 | 19°30 | 19°24 | 2° 0 | 24°33 | F 16 |
| S 17 | 11 37 17 | 26° 2'54 | 22°48 | 0°20 | 8° 1 | 28°35 | 8°17 | 17°27 | 2°33 | 29°25 | 2°D45 | 19°D29 | 19°21 | 2° 7 | 24°37 | S 17 |
| S 18 | 11 41 14 | 27° 2'50 | 7♋ 1 | 29♓26 | 8°37 | 28°12 | 8°10 | 17°35 | 2°34 | 29°24 | 2°45 | 19°29 | 19°17 | 2°13 | 24°41 | S 18 |
| M19 | 11 45 11 | 28° 2'45 | 21°14 | 28°29 | 9°12 | 27°48 | 8° 3 | 17°42 | 2°35 | 29°24 | 2°46 | 19°30 | 19°14 | 2°20 | 24°45 | M19 |
| T 20 | 11 49 7 | 29° 2'37 | 5♌26 | 27°31 | 9°46 | 27°25 | 7°56 | 17°49 | 2°36 | 29°23 | 2°46 | 19°31 | 19°11 | 2°27 | 24°49 | T 20 |
| W21 | 11 53 4 | 0♈ 2'26 | 19°33 | 26°32 | 10°18 | 27° 1 | 7°49 | 17°56 | 2°37 | 29°22 | 2°46 | 19°32 | 19° 8 | 2°33 | 24°53 | W21 |
| T 22 | 11 57 0 | 1° 2'14 | 3♍32 | 25°35 | 10°48 | 26°37 | 7°42 | 18° 4 | 2°37 | 29°22 | 2°46 | 19°32 | 19° 5 | 2°40 | 24°56 | T 22 |
| F 23 | 12 0 57 | 2° 1'59 | 17°21 | 24°41 | 11°17 | 26°14 | 7°35 | 18°11 | 2°38 | 29°21 | 2°46 | 19°R33 | 19° 2 | 2°47 | 25° 0 | F 23 |
| S 24 | 12 4 53 | 3° 1'43 | 0♎57 | 23°49 | 11°44 | 25°51 | 7°29 | 18°18 | 2°39 | 29°20 | 2°46 | 19°33 | 18°58 | 2°54 | 25° 4 | S 24 |
| S 25 | 12 8 50 | 4° 1'24 | 14°17 | 23° 2 | 12°10 | 25°28 | 7°22 | 18°25 | 2°40 | 29°20 | 2°46 | 19°32 | 18°55 | 3° 0 | 25° 8 | S 25 |
| M26 | 12 12 46 | 5° 1'04 | 27°20 | 22°20 | 12°33 | 25° 5 | 7°16 | 18°32 | 2°40 | 29°19 | 2°46 | 19°30 | 18°52 | 3° 7 | 25°12 | M26 |
| T 27 | 12 16 43 | 6° 0'41 | 10♏ 7 | 21°43 | 12°55 | 24°42 | 7°10 | 18°39 | 2°41 | 29°19 | 2°47 | 19°27 | 18°49 | 3°14 | 25°16 | T 27 |
| W28 | 12 20 40 | 7° 0'17 | 22°36 | 21°11 | 13°15 | 24°20 | 7° 4 | 18°46 | 2°42 | 29°19 | 2°47 | 19°25 | 18°46 | 3°20 | 25°20 | W28 |
| T 29 | 12 24 36 | 7°59'51 | 4♐51 | 20°46 | 13°33 | 23°58 | 6°58 | 18°53 | 2°42 | 29°18 | 2°47 | 19°22 | 18°42 | 3°27 | 25°23 | T 29 |
| F 30 | 12 28 33 | 8°59'24 | 16°55 | 20°27 | 13°49 | 23°36 | 6°52 | 19° 1 | 2°42 | 29°18 | 2°47 | 19°20 | 18°39 | 3°34 | 25°27 | F 30 |
| S 31 | 12 32 29 | 9♈58'54 | 28♐51 | 20♓14 | 14♉ 3 | 23♍15 | 6♍47 | 19♓ 8 | 2♑43 | 29♋17 | 2♋48 | 19♍19 | 18♍36 | 3♑41 | 25♓31 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s48 | 14s42 | 4n53 | 0s 3 | 0n54 | 12n41 | 2n54 | 1n53 | 3n50 | 8n53 | 1n18 | 7s16 | 1s42 | 23s33 | 0s11 | 19n43 | 0s28 | 16n46 | 6s36 | 4n 7 | 3n53 | 18s19 | 1n 9 | 4n 1 |
| F 2 | 7 25 | 16 38 | 5 12 | 0n39 | 1 8 | 13 7 | 3 2 | 2 0 | 3 50 | 8 56 | 1 18 | 7 13 | 1 42 | 23 33 | 0 11 | 19 43 | 0 28 | 16 46 | 6 35 | 4 7 | 3 54 | 18 19 | 1 10 | 4 1 |
| S 3 | 7 3 | 17 49 | 5 17 | 1 18 | 1 23 | 13 32 | 3 9 | 2 7 | 3 51 | 8 59 | 1 18 | 7 10 | 1 42 | 23 32 | 0 11 | 19 43 | 0 28 | 16 46 | 6 35 | 4 7 | 3 55 | 18 19 | 1 11 | 4 0 |
| S 4 | 6 40 | 18 13 | 5 8 | 1 55 | 1 38 | 13 58 | 3 16 | 2 15 | 3 51 | 9 2 | 1 18 | 7 7 | 1 42 | 23 32 | 0 11 | 19 43 | 0 28 | 16 46 | 6 35 | 4 7 | 3 56 | 18 19 | 1 13 | 4 0 |
| M 5 | 6 16 | 17 49 | 4 47 | 2 28 | 1 53 | 14 22 | 3 24 | 2 22 | 3 51 | 9 5 | 1 18 | 7 5 | 1 42 | 23 32 | 0 11 | 19 44 | 0 28 | 16 47 | 6 35 | 4 8 | 3 58 | 18 20 | 1 14 | 4 0 |
| T 6 | 5 53 | 16 37 | 4 13 | 2 57 | 2 7 | 14 47 | 3 31 | 2 30 | 3 51 | 9 8 | 1 18 | 7 2 | 1 42 | 23 32 | 0 11 | 19 44 | 0 28 | 16 47 | 6 35 | 4 8 | 3 59 | 18 20 | 1 16 | 4 0 |
| W 7 | 5 30 | 14 39 | 3 27 | 3 23 | 2 21 | 15 11 | 3 39 | 2 38 | 3 51 | 9 11 | 1 18 | 6 59 | 1 42 | 23 32 | 0 11 | 19 44 | 0 28 | 16 47 | 6 34 | 4 8 | 4 0 | 18 20 | 1 17 | 4 0 |
| T 8 | 5 7 | 12 0 | 2 30 | 3 44 | 2 34 | 15 34 | 3 46 | 2 46 | 3 51 | 9 14 | 1 18 | 6 56 | 1 42 | 23 32 | 0 11 | 19 44 | 0 28 | 16 47 | 6 34 | 4 8 | 4 1 | 18 20 | 1 19 | 4 0 |
| F 9 | 4 43 | 8 43 | 1 26 | 4 1 | 2 47 | 15 58 | 3 54 | 2 54 | 3 51 | 9 17 | 1 18 | 6 53 | 1 42 | 23 32 | 0 11 | 19 45 | 0 28 | 16 47 | 6 34 | 4 8 | 4 3 | 18 20 | 1 20 | 4 0 |
| S 10 | 4 20 | 4 59 | 0 15 | 4 14 | 2 58 | 16 20 | 4 1 | 3 2 | 3 51 | 9 20 | 1 18 | 6 51 | 1 42 | 23 32 | 0 11 | 19 45 | 0 28 | 16 48 | 6 34 | 4 8 | 4 4 | 18 20 | 1 21 | 4 0 |
| S 11 | 3 56 | 0 55 | 0s57 | 4 21 | 3 9 | 16 43 | 4 9 | 3 11 | 3 51 | 9 22 | 1 18 | 6 48 | 1 42 | 23 32 | 0 11 | 19 45 | 0 28 | 16 48 | 6 34 | 4 8 | 4 5 | 18 20 | 1 23 | 4 0 |
| M12 | 3 33 | 3n15 | 2 8 | 4 24 | 3 18 | 17 5 | 4 17 | 3 19 | 3 50 | 9 25 | 1 18 | 6 45 | 1 42 | 23 32 | 0 11 | 19 45 | 0 28 | 16 48 | 6 33 | 4 8 | 4 6 | 18 20 | 1 24 | 4 0 |
| T 13 | 3 9 | 7 20 | 3 13 | 4 22 | 3 25 | 17 26 | 4 24 | 3 28 | 3 50 | 9 28 | 1 18 | 6 42 | 1 42 | 23 32 | 0 11 | 19 45 | 0 28 | 16 48 | 6 33 | 4 9 | 4 8 | 18 21 | 1 26 | 3 59 |
| W14 | 2 45 | 11 4 | 4 7 | 4 14 | 3 31 | 17 47 | 4 32 | 3 36 | 3 49 | 9 31 | 1 18 | 6 39 | 1 42 | 23 32 | 0 11 | 19 46 | 0 28 | 16 48 | 6 33 | 4 9 | 4 9 | 18 21 | 1 27 | 3 59 |
| T 15 | 2 22 | 14 13 | 4 48 | 4 3 | 3 35 | 18 8 | 4 39 | 3 45 | 3 49 | 9 34 | 1 18 | 6 37 | 1 42 | 23 32 | 0 11 | 19 46 | 0 28 | 16 48 | 6 33 | 4 9 | 4 10 | 18 21 | 1 29 | 3 59 |
| F 16 | 1 58 | 16 34 | 5 11 | 3 47 | 3 37 | 18 28 | 4 47 | 3 53 | 3 48 | 9 36 | 1 18 | 6 34 | 1 42 | 23 32 | 0 11 | 19 46 | 0 28 | 16 49 | 6 33 | 4 9 | 4 11 | 18 21 | 1 30 | 3 59 |
| S 17 | 1 34 | 17 55 | 5 16 | 3 27 | 3 37 | 18 47 | 4 54 | 4 2 | 3 47 | 9 39 | 1 18 | 6 31 | 1 42 | 23 32 | 0 11 | 19 46 | 0 28 | 16 49 | 6 33 | 4 9 | 4 13 | 18 21 | 1 32 | 3 59 |
| S 18 | 1 10 | 18 10 | 5 2 | 3 3 | 3 34 | 19 6 | 5 2 | 4 10 | 3 46 | 9 42 | 1 18 | 6 28 | 1 43 | 23 32 | 0 11 | 19 46 | 0 28 | 16 49 | 6 32 | 4 9 | 4 14 | 18 21 | 1 33 | 3 59 |
| M19 | 0 47 | 17 16 | 4 30 | 2 37 | 3 30 | 19 24 | 5 9 | 4 19 | 3 45 | 9 44 | 1 18 | 6 26 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 49 | 6 32 | 4 9 | 4 15 | 18 21 | 1 35 | 3 59 |
| T 20 | 0 23 | 15 18 | 3 41 | 2 8 | 3 24 | 19 42 | 5 16 | 4 27 | 3 44 | 9 47 | 1 18 | 6 23 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 49 | 6 32 | 4 9 | 4 16 | 18 21 | 1 36 | 3 59 |
| W21 | 0n 1 | 12 25 | 2 39 | 1 38 | 3 16 | 19 59 | 5 24 | 4 35 | 3 43 | 9 50 | 1 18 | 6 20 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 50 | 6 32 | 4 8 | 4 18 | 18 21 | 1 38 | 3 59 |
| T 22 | 0 25 | 8 50 | 1 28 | 1 6 | 3 7 | 20 16 | 5 31 | 4 44 | 3 41 | 9 52 | 1 18 | 6 17 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 50 | 6 32 | 4 8 | 4 19 | 18 21 | 1 39 | 3 59 |
| F 23 | 0 48 | 4 48 | 0 12 | 0 35 | 2 55 | 20 32 | 5 38 | 4 52 | 3 40 | 9 55 | 1 18 | 6 15 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 50 | 6 31 | 4 8 | 4 20 | 18 21 | 1 41 | 3 59 |
| S 24 | 1 12 | 0 35 | 1n 3 | 0 3 | 2 43 | 20 47 | 5 45 | 5 0 | 3 39 | 9 57 | 1 18 | 6 12 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 50 | 6 31 | 4 8 | 4 21 | 18 22 | 1 42 | 3 59 |
| S 25 | 1 36 | 3s35 | 2 13 | 0s28 | 2 30 | 21 2 | 5 52 | 5 7 | 3 37 | 9 59 | 1 18 | 6 9 | 1 43 | 23 32 | 0 11 | 19 47 | 0 28 | 16 50 | 6 31 | 4 8 | 4 22 | 18 22 | 1 44 | 3 59 |
| M26 | 1 59 | 7 29 | 3 14 | 0 58 | 2 16 | 21 15 | 5 59 | 5 15 | 3 35 | 10 2 | 1 18 | 6 6 | 1 43 | 23 32 | 0 11 | 19 48 | 0 28 | 16 51 | 6 31 | 4 9 | 4 24 | 18 22 | 1 45 | 3 59 |
| T 27 | 2 23 | 10 57 | 4 4 | 1 26 | 2 1 | 21 28 | 6 5 | 5 22 | 3 34 | 10 4 | 1 18 | 6 4 | 1 43 | 23 32 | 0 11 | 19 48 | 0 28 | 16 51 | 6 31 | 4 10 | 4 25 | 18 22 | 1 47 | 3 59 |
| W28 | 2 46 | 13 50 | 4 42 | 1 52 | 1 46 | 21 41 | 6 12 | 5 29 | 3 32 | 10 6 | 1 18 | 6 1 | 1 43 | 23 32 | 0 11 | 19 48 | 0 28 | 16 51 | 6 30 | 4 11 | 4 26 | 18 22 | 1 48 | 3 59 |
| T 29 | 3 10 | 16 3 | 5 5 | 2 16 | 1 30 | 21 52 | 6 18 | 5 36 | 3 30 | 10 8 | 1 18 | 5 58 | 1 43 | 23 32 | 0 11 | 19 48 | 0 28 | 16 51 | 6 30 | 4 12 | 4 27 | 18 22 | 1 50 | 3 59 |
| F 30 | 3 33 | 17 31 | 5 15 | 2 38 | 1 15 | 22 3 | 6 24 | 5 43 | 3 28 | 10 10 | 1 18 | 5 56 | 1 44 | 23 32 | 0 11 | 19 48 | 0 28 | 16 51 | 6 30 | 4 13 | 4 29 | 18 22 | 1 51 | 3 59 |
| S 31 | 3n57 | 18s12 | 5n11 | 2s57 | 1n 0 | 22n13 | 6n30 | 5n50 | 3n26 | 10n12 | 1n17 | 5s53 | 1s44 | 23s32 | 0s11 | 19n48 | 0s28 | 16n52 | 6s30 | 4n13 | 4n30 | 18s22 | 1n53 | 3n59 |

Julian Day Number = 2600257.5, Delta T = 08m59s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°25'57, Lahiri = 29°32'59


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## APRIL 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 36 26 | 10♈58'23 | 10♉44 | 20°R 7 | 14♉15 | 22°R55 | 6°R41 | 19♓15 | 2♉43 | 29°R17 | 2♋48 | 19°D18 | 18♍33 | 3♉47 | 25♓35 | S 1 |
| M 2 | 12 40 22 | 11°57'50 | 22°38 | 20°D 6 | 14°25 | 22♍34 | 6♍36 | 19°22 | 2°44 | 29♋17 | 2°48 | 19♍18 | 18°30 | 3°54 | 25°39 | M 2 |
| T 3 | 12 44 19 | 12°57'15 | 4♒38 | 20♓10 | 14°32 | 22°15 | 6°31 | 19°28 | 2°44 | 29°17 | 2°49 | 19°20 | 18°27 | 4° 1 | 25°42 | T 3 |
| W 4 | 12 48 15 | 13°56'39 | 16°48 | 20°20 | 14°37 | 21°56 | 6°26 | 19°35 | 2°44 | 29°16 | 2°49 | 19°21 | 18°23 | 4° 8 | 25°46 | W 4 |
| T 5 | 12 52 12 | 14°56'01 | 29°14 | 20°36 | 14°40 | 21°37 | 6°21 | 19°42 | 2°44 | 29°16 | 2°49 | 19°23 | 18°20 | 4°14 | 25°50 | T 5 |
| F 6 | 12 56 9 | 15°55'21 | 11♓58 | 20°56 | 14°R41 | 21°19 | 6°16 | 19°49 | 2°44 | 29°16 | 2°50 | 19°24 | 18°17 | 4°21 | 25°54 | F 6 |
| S 7 | 13 0 5 | 16°54'39 | 25° 3 | 21°21 | 14°39 | 21° 2 | 6°11 | 19°56 | 2°R44 | 29°16 | 2°50 | 19°R24 | 18°14 | 4°28 | 25°57 | S 7 |
| S 8 | 13 4 2 | 17°53'55 | 8♈29 | 21°51 | 14°34 | 20°45 | 6° 7 | 20° 3 | 2°44 | 29°16 | 2°51 | 19°23 | 18°11 | 4°34 | 26° 1 | S 8 |
| M 9 | 13 7 58 | 18°53'09 | 22°15 | 22°25 | 14°27 | 20°29 | 6° 3 | 20° 9 | 2°44 | 29°16 | 2°51 | 19°20 | 18° 8 | 4°41 | 26° 5 | M 9 |
| T 10 | 13 11 55 | 19°52'21 | 6♉18 | 23° 3 | 14°18 | 20°14 | 5°59 | 20°16 | 2°44 | 29°D16 | 2°52 | 19°16 | 18° 4 | 4°48 | 26° 8 | T 10 |
| W11 | 13 15 51 | 20°51'31 | 20°34 | 23°45 | 14° 6 | 20° 0 | 5°55 | 20°23 | 2°44 | 29°16 | 2°52 | 19°12 | 18° 1 | 4°55 | 26°12 | W11 |
| T 12 | 13 19 48 | 21°50'39 | 4♊58 | 24°31 | 13°52 | 19°46 | 5°51 | 20°29 | 2°44 | 29°16 | 2°53 | 19° 7 | 17°58 | 5° 1 | 26°15 | T 12 |
| F 13 | 13 23 44 | 22°49'44 | 19°24 | 25°20 | 13°35 | 19°33 | 5°47 | 20°36 | 2°43 | 29°16 | 2°53 | 19° 2 | 17°55 | 5° 8 | 26°19 | F 13 |
| S 14 | 13 27 41 | 23°48'48 | 3♋47 | 26°12 | 13°16 | 19°21 | 5°44 | 20°43 | 2°43 | 29°16 | 2°54 | 18°59 | 17°52 | 5°15 | 26°23 | S 14 |
| S 15 | 13 31 37 | 24°47'49 | 18° 3 | 27° 7 | 12°55 | 19° 9 | 5°41 | 20°49 | 2°43 | 29°16 | 2°55 | 18°58 | 17°48 | 5°21 | 26°26 | S 15 |
| M16 | 13 35 34 | 25°46'48 | 2♌10 | 28° 6 | 12°31 | 18°59 | 5°38 | 20°56 | 2°42 | 29°16 | 2°55 | 18°D58 | 17°45 | 5°28 | 26°30 | M16 |
| T 17 | 13 39 31 | 26°45'44 | 16° 7 | 29° 7 | 12° 5 | 18°49 | 5°35 | 21° 2 | 2°42 | 29°17 | 2°56 | 18°59 | 17°42 | 5°35 | 26°33 | T 17 |
| W18 | 13 43 27 | 27°44'38 | 29°52 | 0♈10 | 11°37 | 18°40 | 5°32 | 21° 8 | 2°41 | 29°17 | 2°57 | 19° 0 | 17°39 | 5°42 | 26°37 | W18 |
| T 19 | 13 47 24 | 28°43'30 | 13♍25 | 1°17 | 11° 7 | 18°32 | 5°30 | 21°15 | 2°40 | 29°17 | 2°57 | 19°R 1 | 17°36 | 5°48 | 26°40 | T 19 |
| F 20 | 13 51 20 | 29°42'19 | 26°48 | 2°25 | 10°36 | 18°24 | 5°28 | 21°21 | 2°40 | 29°17 | 2°58 | 19° 1 | 17°33 | 5°55 | 26°43 | F 20 |
| S 21 | 13 55 17 | 0♉41'07 | 9♎59 | 3°36 | 10° 3 | 18°17 | 5°26 | 21°27 | 2°39 | 29°18 | 2°59 | 18°59 | 17°29 | 6° 2 | 26°47 | S 21 |
| S 22 | 13 59 13 | 1°39'52 | 22°58 | 4°50 | 9°28 | 18°11 | 5°24 | 21°33 | 2°38 | 29°18 | 3° 0 | 18°55 | 17°26 | 6° 8 | 26°50 | S 22 |
| M23 | 14 3 10 | 2°38'36 | 5♏44 | 6° 5 | 8°53 | 18° 6 | 5°22 | 21°40 | 2°38 | 29°19 | 3° 0 | 18°49 | 17°23 | 6°15 | 26°53 | M23 |
| T 24 | 14 7 6 | 3°37'17 | 18°19 | 7°23 | 8°16 | 18° 2 | 5°20 | 21°46 | 2°37 | 29°19 | 3° 1 | 18°42 | 17°20 | 6°22 | 26°57 | T 24 |
| W25 | 14 11 3 | 4°35'57 | 0♐41 | 8°42 | 7°39 | 17°58 | 5°19 | 21°52 | 2°36 | 29°20 | 3° 2 | 18°33 | 17°17 | 6°29 | 27° 0 | W25 |
| T 26 | 14 15 0 | 5°34'35 | 12°52 | 10° 4 | 7° 1 | 17°55 | 5°18 | 21°58 | 2°35 | 29°20 | 3° 3 | 18°25 | 17°13 | 6°35 | 27° 3 | T 26 |
| F 27 | 14 18 56 | 6°33'11 | 24°54 | 11°28 | 6°23 | 17°53 | 5°17 | 22° 4 | 2°34 | 29°21 | 3° 4 | 18°17 | 17°10 | 6°42 | 27° 6 | F 27 |
| S 28 | 14 22 53 | 7°31'45 | 6♑49 | 12°53 | 5°46 | 17°52 | 5°16 | 22°10 | 2°33 | 29°21 | 3° 5 | 18°11 | 17° 7 | 6°49 | 27°10 | S 28 |
| S 29 | 14 26 49 | 8°30'18 | 18°41 | 14°21 | 5° 8 | 17°D52 | 5°15 | 22°15 | 2°32 | 29°22 | 3° 5 | 18° 7 | 17° 4 | 6°55 | 27°13 | S 29 |
| M30 | 14 30 46 | 9♉28'49 | 0♒33 | 15♈50 | 4♉31 | 17♍52 | 5♍15 | 22♓21 | 2♉31 | 29♋22 | 3♋ 6 | 18♍ 4 | 17♍ 1 | 7♉ 2 | 27♓16 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n20 | 18s 5 | 4n53 | 3s13 | 0n45 | 22n22 | 6n35 | 5n56 | 3n24 | 10n14 | 1n17 | 5s50 | 1s44 | 23s32 | 0s11 | 19n48 | 0s28 | 16n52 | 6s30 | 4n14 | 4n31 | 18s22 | 1n54 | 3n59 |
| M 2 | 4 43 | 17 9 | 4 24 | 3 28 | 0 30 | 22 30 | 6 41 | 6 2 | 3 22 | 10 16 | 1 17 | 5 48 | 1 44 | 23 32 | 0 11 | 19 48 | 0 28 | 16 52 | 6 29 | 4 13 | 4 32 | 18 22 | 1 56 | 3 59 |
| T 3 | 5 6 | 15 28 | 3 42 | 3 39 | 0 15 | 22 37 | 6 46 | 6 8 | 3 20 | 10 18 | 1 17 | 5 45 | 1 44 | 23 32 | 0 11 | 19 48 | 0 28 | 16 52 | 6 29 | 4 13 | 4 34 | 18 22 | 1 57 | 3 59 |
| W 4 | 5 29 | 13 4 | 2 50 | 3 48 | 0 1 | 22 43 | 6 50 | 6 13 | 3 17 | 10 20 | 1 17 | 5 43 | 1 44 | 23 32 | 0 11 | 19 48 | 0 27 | 16 52 | 6 29 | 4 12 | 4 35 | 18 22 | 1 58 | 3 59 |
| T 5 | 5 52 | 10 1 | 1 49 | 3 54 | 0s12 | 22 48 | 6 55 | 6 18 | 3 15 | 10 21 | 1 17 | 5 40 | 1 44 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 29 | 4 12 | 4 36 | 18 22 | 2 0 | 3 59 |
| F 6 | 6 15 | 6 26 | 0 41 | 3 58 | 0 25 | 22 51 | 6 58 | 6 23 | 3 13 | 10 23 | 1 17 | 5 37 | 1 44 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 29 | 4 11 | 4 37 | 18 22 | 2 1 | 3 59 |
| S 7 | 6 38 | 2 26 | 0s31 | 4 0 | 0 38 | 22 54 | 7 2 | 6 28 | 3 11 | 10 25 | 1 17 | 5 35 | 1 44 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 28 | 4 11 | 4 39 | 18 22 | 2 3 | 3 59 |
| S 8 | 7 0 | 1n47 | 1 43 | 3 59 | 0 50 | 22 56 | 7 5 | 6 32 | 3 8 | 10 26 | 1 17 | 5 32 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 28 | 4 12 | 4 40 | 18 22 | 2 4 | 3 59 |
| M 9 | 7 23 | 6 0 | 2 50 | 3 56 | 1 1 | 22 56 | 7 8 | 6 36 | 3 6 | 10 28 | 1 17 | 5 30 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 28 | 4 13 | 4 41 | 18 22 | 2 6 | 3 59 |
| T 10 | 7 45 | 9 59 | 3 49 | 3 51 | 1 12 | 22 55 | 7 10 | 6 40 | 3 3 | 10 29 | 1 16 | 5 27 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 53 | 6 28 | 4 14 | 4 42 | 18 22 | 2 7 | 3 59 |
| W11 | 8 7 | 13 27 | 4 34 | 3 44 | 1 22 | 22 53 | 7 11 | 6 43 | 3 1 | 10 30 | 1 16 | 5 25 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 28 | 4 16 | 4 44 | 18 22 | 2 9 | 3 59 |
| T 12 | 8 30 | 16 7 | 5 2 | 3 35 | 1 32 | 22 50 | 7 12 | 6 46 | 2 58 | 10 32 | 1 16 | 5 22 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 27 | 4 18 | 4 45 | 18 22 | 2 10 | 3 59 |
| F 13 | 8 51 | 17 47 | 5 12 | 3 24 | 1 41 | 22 45 | 7 12 | 6 49 | 2 56 | 10 33 | 1 16 | 5 20 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 27 | 4 20 | 4 46 | 18 22 | 2 12 | 3 59 |
| S 14 | 9 13 | 18 18 | 5 1 | 3 10 | 1 49 | 22 38 | 7 12 | 6 52 | 2 53 | 10 34 | 1 16 | 5 17 | 1 45 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 27 | 4 21 | 4 47 | 18 22 | 2 13 | 3 59 |
| S 15 | 9 35 | 17 40 | 4 33 | 2 56 | 1 57 | 22 31 | 7 11 | 6 54 | 2 50 | 10 35 | 1 16 | 5 15 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 27 | 4 21 | 4 48 | 18 22 | 2 15 | 3 59 |
| M16 | 9 56 | 15 56 | 3 48 | 2 39 | 2 4 | 22 22 | 7 9 | 6 55 | 2 48 | 10 36 | 1 16 | 5 12 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 54 | 6 27 | 4 21 | 4 50 | 18 22 | 2 16 | 3 59 |
| T 17 | 10 18 | 13 16 | 2 49 | 2 21 | 2 10 | 22 11 | 7 7 | 6 57 | 2 45 | 10 37 | 1 16 | 5 10 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 27 | 4 21 | 4 51 | 18 22 | 2 17 | 3 59 |
| W18 | 10 39 | 9 54 | 1 42 | 2 1 | 2 16 | 21 59 | 7 4 | 6 58 | 2 43 | 10 38 | 1 15 | 5 8 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 26 | 4 20 | 4 52 | 18 22 | 2 19 | 3 59 |
| T 19 | 11 0 | 6 2 | 0 30 | 1 40 | 2 22 | 21 46 | 7 0 | 6 59 | 2 40 | 10 39 | 1 15 | 5 5 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 26 | 4 20 | 4 53 | 18 22 | 2 20 | 3 59 |
| F 20 | 11 21 | 1 55 | 0n42 | 1 17 | 2 26 | 21 31 | 6 55 | 7 0 | 2 37 | 10 39 | 1 15 | 5 3 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 26 | 4 20 | 4 55 | 18 22 | 2 22 | 3 59 |
| S 21 | 11 41 | 2s14 | 1 51 | 0 52 | 2 31 | 21 15 | 6 49 | 7 0 | 2 35 | 10 40 | 1 15 | 5 1 | 1 46 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 26 | 4 21 | 4 56 | 18 22 | 2 23 | 3 59 |
| S 22 | 12 2 | 6 13 | 2 53 | 0 27 | 2 34 | 20 58 | 6 43 | 7 0 | 2 32 | 10 40 | 1 15 | 4 58 | 1 47 | 23 33 | 0 11 | 19 49 | 0 27 | 16 55 | 6 26 | 4 22 | 4 57 | 18 22 | 2 24 | 3 59 |
| M23 | 12 22 | 9 51 | 3 45 | 0n 0 | 2 37 | 20 40 | 6 36 | 6 59 | 2 30 | 10 41 | 1 15 | 4 56 | 1 47 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 25 | 4 58 | 18 22 | 2 26 | 3 59 |
| T 24 | 12 42 | 12 59 | 4 26 | 0 29 | 2 40 | 20 20 | 6 28 | 6 59 | 2 27 | 10 41 | 1 15 | 4 54 | 1 47 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 28 | 5 0 | 18 22 | 2 27 | 3 59 |
| W25 | 13 1 | 15 28 | 4 53 | 0 58 | 2 42 | 20 0 | 6 19 | 6 58 | 2 24 | 10 42 | 1 14 | 4 52 | 1 47 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 31 | 5 1 | 18 22 | 2 28 | 3 59 |
| T 26 | 13 21 | 17 14 | 5 6 | 1 29 | 2 43 | 19 38 | 6 9 | 6 56 | 2 22 | 10 42 | 1 14 | 4 49 | 1 47 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 34 | 5 2 | 18 22 | 2 30 | 4 0 |
| F 27 | 13 40 | 18 12 | 5 5 | 2 1 | 2 44 | 19 16 | 5 59 | 6 55 | 2 19 | 10 42 | 1 14 | 4 47 | 1 47 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 37 | 5 3 | 18 22 | 2 31 | 4 0 |
| S 28 | 13 59 | 18 21 | 4 51 | 2 33 | 2 44 | 18 53 | 5 48 | 6 53 | 2 17 | 10 42 | 1 14 | 4 45 | 1 48 | 23 33 | 0 12 | 19 48 | 0 27 | 16 56 | 6 25 | 4 40 | 5 5 | 18 22 | 2 32 | 4 0 |
| S 29 | 14 18 | 17 42 | 4 25 | 3 7 | 2 44 | 18 29 | 5 37 | 6 51 | 2 14 | 10 42 | 1 14 | 4 43 | 1 48 | 23 33 | 0 12 | 19 48 | 0 27 | 16 57 | 6 24 | 4 41 | 5 6 | 18 22 | 2 34 | 4 0 |
| M30 | 14n37 | 16s17 | 3n47 | 3n42 | 2s43 | 18n 5 | 5n25 | 6n48 | 2n12 | 10n43 | 1n14 | 4s41 | 1s48 | 23s33 | 0s12 | 19n48 | 0s27 | 16n57 | 6s24 | 4n42 | 5n 7 | 18s22 | 2n35 | 4n 0 |

Julian Day Number = 2600288.5, Delta T = 08m59s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'02, Lahiri = 29°33'03


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## MAY 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 34 42 | 10♉27'18 | 12♒32 | 17♈21 | 3°R55 | 17♍53 | 5°R15 | 22♓27 | 2°R30 | 29♋23 | 3♋ 7 | 18°D 4 | 16♍58 | 7♎ 9 | 27♓19 | T 1 |
| W 2 | 14 38 39 | 11°25'46 | 24°41 | 18°54 | 3♉20 | 17°54 | 5°D15 | 22°32 | 2♎28 | 29°24 | 3° 8 | 18♍ 5 | 16°54 | 7°16 | 27°22 | W 2 |
| T 3 | 14 42 35 | 12°24'13 | 7♓ 6 | 20°29 | 2°46 | 17°57 | 5♍15 | 22°38 | 2°27 | 29°25 | 3° 9 | 18° 6 | 16°51 | 7°22 | 27°25 | T 3 |
| F 4 | 14 46 32 | 13°22'37 | 19°51 | 22° 5 | 2°14 | 18° 0 | 5°15 | 22°44 | 2°26 | 29°25 | 3°10 | 18°R 6 | 16°48 | 7°29 | 27°28 | F 4 |
| S 5 | 14 50 29 | 14°21'00 | 3♈ 1 | 23°44 | 1°43 | 18° 3 | 5°15 | 22°49 | 2°25 | 29°26 | 3°11 | 18° 5 | 16°45 | 7°36 | 27°31 | S 5 |
| S 6 | 14 54 25 | 15°19'22 | 16°36 | 25°24 | 1°14 | 18° 8 | 5°16 | 22°55 | 2°23 | 29°27 | 3°12 | 18° 2 | 16°42 | 7°42 | 27°34 | S 6 |
| M 7 | 14 58 22 | 16°17'41 | 0♉38 | 27° 6 | 0°47 | 18°13 | 5°17 | 23° 0 | 2°22 | 29°28 | 3°13 | 17°56 | 16°39 | 7°49 | 27°37 | M 7 |
| T 8 | 15 2 18 | 17°16'00 | 15° 2 | 28°50 | 0°22 | 18°19 | 5°18 | 23° 5 | 2°20 | 29°29 | 3°14 | 17°48 | 16°35 | 7°56 | 27°39 | T 8 |
| W 9 | 15 6 15 | 18°14'16 | 29°44 | 0♉35 | 29♈59 | 18°25 | 5°19 | 23°10 | 2°19 | 29°30 | 3°15 | 17°39 | 16°32 | 8° 3 | 27°42 | W 9 |
| T 10 | 15 10 11 | 19°12'31 | 14♊35 | 2°22 | 29°39 | 18°32 | 5°21 | 23°16 | 2°17 | 29°31 | 3°16 | 17°30 | 16°29 | 8° 9 | 27°45 | T 10 |
| F 11 | 15 14 8 | 20°10'44 | 29°26 | 4°12 | 29°20 | 18°40 | 5°22 | 23°21 | 2°16 | 29°32 | 3°17 | 17°21 | 16°26 | 8°16 | 27°48 | F 11 |
| S 12 | 15 18 4 | 21° 8'55 | 14♋10 | 6° 3 | 29° 4 | 18°49 | 5°24 | 23°26 | 2°14 | 29°33 | 3°18 | 17°15 | 16°23 | 8°23 | 27°50 | S 12 |
| S 13 | 15 22 1 | 22° 7'04 | 28°41 | 7°55 | 28°51 | 18°58 | 5°26 | 23°31 | 2°12 | 29°34 | 3°20 | 17°10 | 16°19 | 8°29 | 27°53 | S 13 |
| M14 | 15 25 58 | 23° 5'11 | 12♌53 | 9°50 | 28°40 | 19° 7 | 5°28 | 23°35 | 2°11 | 29°35 | 3°21 | 17° 8 | 16°16 | 8°36 | 27°56 | M14 |
| T 15 | 15 29 54 | 24° 3'16 | 26°47 | 11°46 | 28°31 | 19°17 | 5°30 | 23°40 | 2° 9 | 29°36 | 3°22 | 17°D 8 | 16°13 | 8°43 | 27°58 | T 15 |
| W16 | 15 33 51 | 25° 1'19 | 10♍23 | 13°44 | 28°25 | 19°28 | 5°33 | 23°45 | 2° 7 | 29°37 | 3°23 | 17°R 8 | 16°10 | 8°50 | 28° 1 | W16 |
| T 17 | 15 37 47 | 25°59'20 | 23°41 | 15°44 | 28°21 | 19°40 | 5°35 | 23°50 | 2° 5 | 29°38 | 3°24 | 17° 8 | 16° 7 | 8°56 | 28° 3 | T 17 |
| F 18 | 15 41 44 | 26°57'20 | 6♎45 | 17°46 | 28°D19 | 19°52 | 5°38 | 23°54 | 2° 4 | 29°40 | 3°25 | 17° 7 | 16° 4 | 9° 3 | 28° 5 | F 18 |
| S 19 | 15 45 40 | 27°55'17 | 19°35 | 19°49 | 28°20 | 20° 4 | 5°41 | 23°59 | 2° 2 | 29°41 | 3°27 | 17° 3 | 16° 0 | 9°10 | 28° 8 | S 19 |
| S 20 | 15 49 37 | 28°53'13 | 2♏15 | 21°54 | 28°23 | 20°17 | 5°44 | 24° 3 | 2° 0 | 29°42 | 3°28 | 16°56 | 15°57 | 9°16 | 28°10 | S 20 |
| M21 | 15 53 33 | 29°51'07 | 14°44 | 24° 0 | 28°29 | 20°31 | 5°48 | 24° 8 | 1°58 | 29°43 | 3°29 | 16°47 | 15°54 | 9°23 | 28°12 | M21 |
| T 22 | 15 57 30 | 0♊49'00 | 27° 4 | 26° 8 | 28°36 | 20°45 | 5°51 | 24°12 | 1°56 | 29°45 | 3°30 | 16°35 | 15°51 | 9°30 | 28°15 | T 22 |
| W23 | 16 1 27 | 1°46'51 | 9♐16 | 28°17 | 28°46 | 20°59 | 5°55 | 24°16 | 1°54 | 29°46 | 3°31 | 16°22 | 15°48 | 9°37 | 28°17 | W23 |
| T 24 | 16 5 23 | 2°44'41 | 21°20 | 0♊26 | 28°58 | 21°14 | 5°59 | 24°20 | 1°52 | 29°47 | 3°33 | 16° 9 | 15°45 | 9°43 | 28°19 | T 24 |
| F 25 | 16 9 20 | 3°42'30 | 3♎17 | 2°37 | 29°12 | 21°30 | 6° 3 | 24°24 | 1°50 | 29°49 | 3°34 | 15°57 | 15°41 | 9°50 | 28°21 | F 25 |
| S 26 | 16 13 16 | 4°40'17 | 15° 9 | 4°48 | 29°28 | 21°46 | 6° 7 | 24°28 | 1°48 | 29°50 | 3°35 | 15°46 | 15°38 | 9°57 | 28°23 | S 26 |
| S 27 | 16 17 13 | 5°38'03 | 27° 0 | 7° 0 | 29°46 | 22° 2 | 6°11 | 24°32 | 1°46 | 29°52 | 3°36 | 15°38 | 15°35 | 10° 3 | 28°25 | S 27 |
| M28 | 16 21 9 | 6°35'48 | 8♒51 | 9°11 | 0♉ 5 | 22°19 | 6°16 | 24°36 | 1°44 | 29°53 | 3°38 | 15°33 | 15°32 | 10°10 | 28°27 | M28 |
| T 29 | 16 25 6 | 7°33'31 | 20°48 | 11°23 | 0°27 | 22°37 | 6°20 | 24°40 | 1°42 | 29°54 | 3°39 | 15°30 | 15°29 | 10°17 | 28°29 | T 29 |
| W30 | 16 29 2 | 8°31'14 | 2♓55 | 13°33 | 0°50 | 22°55 | 6°25 | 24°43 | 1°39 | 29°56 | 3°40 | 15°30 | 15°25 | 10°23 | 28°31 | W30 |
| T 31 | 16 32 59 | 9♊28'55 | 15♓18 | 15♊44 | 1♉15 | 23♍13 | 6♍30 | 24♓47 | 1♎37 | 29♋58 | 3♋42 | 15♍29 | 15♍22 | 10♎30 | 28♓32 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14n55 | 14s 8 | 2n59 | 4n18 | 2s42 | 17n41 | 5n12 | 6n46 | 2n 9 | 10n42 | 1n14 | 4s39 | 1s48 | 23s33 | 0s12 | 19n48 | 0s27 | 16n57 | 6s24 | 4n42 | 5n 8 | 18s22 | 2n36 | 4n 0 |
| W 2 | 15 14 | 11 20 | 2 2 | 4 55 | 2 40 | 17 17 | 4 59 | 6 43 | 2 7 | 10 42 | 1 13 | 4 37 | 1 48 | 23 33 | 0 12 | 19 48 | 0 27 | 16 57 | 6 24 | 4 42 | 5 9 | 18 22 | 2 38 | 4 0 |
| T 3 | 15 31 | 7 59 | 0 59 | 5 33 | 2 37 | 16 52 | 4 46 | 6 40 | 2 4 | 10 42 | 1 13 | 4 35 | 1 48 | 23 33 | 0 12 | 19 47 | 0 27 | 16 57 | 6 24 | 4 42 | 5 11 | 18 22 | 2 39 | 4 0 |
| F 4 | 15 49 | 4 9 | 0s 9 | 6 12 | 2 34 | 16 28 | 4 32 | 6 36 | 2 2 | 10 42 | 1 13 | 4 33 | 1 49 | 23 33 | 0 12 | 19 47 | 0 27 | 16 57 | 6 24 | 4 42 | 5 12 | 18 22 | 2 40 | 4 0 |
| S 5 | 16 6 | 0 1 | 1 19 | 6 51 | 2 31 | 16 4 | 4 18 | 6 33 | 1 59 | 10 42 | 1 13 | 4 31 | 1 49 | 23 33 | 0 12 | 19 47 | 0 27 | 16 57 | 6 23 | 4 42 | 5 13 | 18 22 | 2 41 | 4 0 |
| S 6 | 16 24 | 4n15 | 2 26 | 7 31 | 2 27 | 15 41 | 4 4 | 6 29 | 1 57 | 10 41 | 1 13 | 4 29 | 1 49 | 23 33 | 0 12 | 19 47 | 0 27 | 16 57 | 6 23 | 4 43 | 5 14 | 18 22 | 2 43 | 4 0 |
| M 7 | 16 40 | 8 26 | 3 27 | 8 12 | 2 22 | 15 18 | 3 49 | 6 24 | 1 54 | 10 41 | 1 13 | 4 27 | 1 49 | 23 34 | 0 12 | 19 47 | 0 27 | 16 58 | 6 23 | 4 45 | 5 16 | 18 22 | 2 44 | 4 0 |
| T 8 | 16 57 | 12 13 | 4 16 | 8 53 | 2 17 | 14 56 | 3 35 | 6 20 | 1 52 | 10 40 | 1 12 | 4 25 | 1 49 | 23 34 | 0 12 | 19 47 | 0 27 | 16 58 | 6 23 | 4 48 | 5 17 | 18 22 | 2 45 | 4 1 |
| W 9 | 17 13 | 15 20 | 4 49 | 9 35 | 2 12 | 14 34 | 3 20 | 6 15 | 1 50 | 10 40 | 1 12 | 4 23 | 1 50 | 23 34 | 0 12 | 19 47 | 0 27 | 16 58 | 6 23 | 4 52 | 5 18 | 18 22 | 2 46 | 4 1 |
| T 10 | 17 29 | 17 28 | 5 3 | 10 18 | 2 6 | 14 13 | 3 6 | 6 10 | 1 47 | 10 39 | 1 12 | 4 21 | 1 50 | 23 34 | 0 12 | 19 46 | 0 27 | 16 58 | 6 23 | 4 56 | 5 19 | 18 22 | 2 47 | 4 1 |
| F 11 | 17 45 | 18 26 | 4 57 | 11 1 | 1 59 | 13 53 | 2 51 | 6 5 | 1 45 | 10 38 | 1 12 | 4 19 | 1 50 | 23 34 | 0 12 | 19 46 | 0 27 | 16 58 | 6 23 | 4 59 | 5 21 | 18 21 | 2 49 | 4 1 |
| S 12 | 18 0 | 18 8 | 4 31 | 11 44 | 1 52 | 13 34 | 2 37 | 6 0 | 1 43 | 10 37 | 1 12 | 4 17 | 1 50 | 23 34 | 0 12 | 19 46 | 0 27 | 16 58 | 6 22 | 5 2 | 5 22 | 18 21 | 2 50 | 4 1 |
| S 13 | 18 15 | 16 39 | 3 48 | 12 28 | 1 45 | 13 16 | 2 23 | 5 54 | 1 41 | 10 37 | 1 12 | 4 16 | 1 50 | 23 34 | 0 12 | 19 46 | 0 26 | 16 58 | 6 22 | 5 3 | 5 23 | 18 21 | 2 51 | 4 1 |
| M14 | 18 30 | 14 9 | 2 52 | 13 12 | 1 37 | 12 59 | 2 9 | 5 48 | 1 38 | 10 36 | 1 11 | 4 14 | 1 51 | 23 34 | 0 12 | 19 46 | 0 26 | 16 58 | 6 22 | 5 4 | 5 24 | 18 21 | 2 52 | 4 1 |
| T 15 | 18 45 | 10 54 | 1 46 | 13 55 | 1 29 | 12 43 | 1 55 | 5 42 | 1 36 | 10 35 | 1 11 | 4 12 | 1 51 | 23 34 | 0 12 | 19 45 | 0 26 | 16 59 | 6 22 | 5 4 | 5 26 | 18 21 | 2 53 | 4 1 |
| W16 | 18 59 | 7 6 | 0 36 | 14 39 | 1 20 | 12 28 | 1 42 | 5 36 | 1 34 | 10 34 | 1 11 | 4 10 | 1 51 | 23 34 | 0 12 | 19 45 | 0 26 | 16 59 | 6 22 | 5 4 | 5 27 | 18 21 | 2 54 | 4 1 |
| T 17 | 19 12 | 3 2 | 0n35 | 15 23 | 1 11 | 12 14 | 1 28 | 5 30 | 1 32 | 10 32 | 1 11 | 4 9 | 1 51 | 23 34 | 0 12 | 19 45 | 0 26 | 16 59 | 6 22 | 5 4 | 5 28 | 18 21 | 2 55 | 4 2 |
| F 18 | 19 26 | 1s 6 | 1 42 | 16 6 | 1 2 | 12 2 | 1 15 | 5 23 | 1 30 | 10 31 | 1 11 | 4 7 | 1 51 | 23 34 | 0 12 | 19 45 | 0 26 | 16 59 | 6 22 | 5 5 | 5 29 | 18 21 | 2 56 | 4 2 |
| S 19 | 19 39 | 5 8 | 2 43 | 16 49 | 0 52 | 11 50 | 1 3 | 5 16 | 1 28 | 10 30 | 1 11 | 4 6 | 1 52 | 23 34 | 0 12 | 19 44 | 0 26 | 16 59 | 6 21 | 5 6 | 5 30 | 18 21 | 2 57 | 4 2 |
| S 20 | 19 52 | 8 51 | 3 35 | 17 32 | 0 42 | 11 40 | 0 50 | 5 9 | 1 26 | 10 29 | 1 10 | 4 4 | 1 52 | 23 34 | 0 12 | 19 44 | 0 26 | 16 59 | 6 21 | 5 9 | 5 32 | 18 21 | 2 59 | 4 2 |
| M21 | 20 4 | 12 9 | 4 16 | 18 13 | 0 32 | 11 30 | 0 38 | 5 2 | 1 24 | 10 27 | 1 10 | 4 3 | 1 52 | 23 34 | 0 12 | 19 44 | 0 26 | 16 59 | 6 21 | 5 13 | 5 33 | 18 21 | 3 0 | 4 2 |
| T 22 | 20 16 | 14 51 | 4 44 | 18 54 | 0 21 | 11 22 | 0 27 | 4 55 | 1 22 | 10 26 | 1 10 | 4 1 | 1 52 | 23 34 | 0 12 | 19 44 | 0 26 | 16 59 | 6 21 | 5 17 | 5 34 | 18 20 | 3 1 | 4 2 |
| W23 | 20 28 | 16 52 | 4 58 | 19 33 | 0 11 | 11 15 | 0 15 | 4 47 | 1 20 | 10 24 | 1 10 | 4 0 | 1 52 | 23 34 | 0 12 | 19 43 | 0 26 | 16 59 | 6 21 | 5 22 | 5 35 | 18 20 | 3 2 | 4 2 |
| T 24 | 20 40 | 18 7 | 4 59 | 20 12 | 0 0 | 11 9 | 0 4 | 4 39 | 1 18 | 10 23 | 1 10 | 3 58 | 1 53 | 23 34 | 0 12 | 19 43 | 0 26 | 16 59 | 6 21 | 5 27 | 5 37 | 18 20 | 3 3 | 4 3 |
| F 25 | 20 51 | 18 33 | 4 47 | 20 48 | 0n10 | 11 4 | 0s 6 | 4 31 | 1 16 | 10 21 | 1 10 | 3 57 | 1 53 | 23 34 | 0 12 | 19 43 | 0 26 | 17 0 | 6 21 | 5 32 | 5 38 | 18 20 | 3 3 | 4 3 |
| S 26 | 21 1 | 18 10 | 4 23 | 21 23 | 0 21 | 11 0 | 0 17 | 4 23 | 1 14 | 10 19 | 1 10 | 3 55 | 1 53 | 23 34 | 0 12 | 19 43 | 0 26 | 17 0 | 6 21 | 5 36 | 5 39 | 18 20 | 3 4 | 4 3 |
| S 27 | 21 12 | 17 0 | 3 47 | 21 56 | 0 31 | 10 57 | 0 27 | 4 15 | 1 12 | 10 18 | 1 9 | 3 54 | 1 53 | 23 34 | 0 12 | 19 42 | 0 26 | 17 0 | 6 20 | 5 39 | 5 40 | 18 20 | 3 5 | 4 3 |
| M28 | 21 22 | 15 6 | 3 1 | 22 27 | 0 41 | 10 55 | 0 36 | 4 7 | 1 10 | 10 16 | 1 9 | 3 53 | 1 54 | 23 34 | 0 12 | 19 42 | 0 26 | 17 0 | 6 20 | 5 41 | 5 41 | 18 20 | 3 6 | 4 3 |
| T 29 | 21 31 | 12 31 | 2 7 | 22 56 | 0 51 | 10 53 | 0 46 | 3 58 | 1 8 | 10 14 | 1 9 | 3 51 | 1 54 | 23 34 | 0 12 | 19 42 | 0 26 | 17 0 | 6 20 | 5 42 | 5 43 | 18 20 | 3 7 | 4 3 |
| W30 | 21 40 | 9 23 | 1 6 | 23 22 | 1 0 | 10 53 | 0 55 | 3 49 | 1 6 | 10 12 | 1 9 | 3 50 | 1 54 | 23 35 | 0 12 | 19 42 | 0 26 | 17 0 | 6 20 | 5 42 | 5 44 | 18 19 | 3 8 | 4 3 |
| T 31 | 21n49 | 5s46 | 0n 1 | 23n46 | 1n 9 | 10n54 | 1s 3 | 3n40 | 1n 4 | 10n10 | 1n 9 | 3s49 | 1s54 | 23s35 | 0s12 | 19n41 | 0s26 | 17n 0 | 6s20 | 5n42 | 5n45 | 18s19 | 3n 9 | 4n 4 |

Julian Day Number = 2600318.5, Delta T = 09m00s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'06, Lahiri = 29°33'07


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## JUNE 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 36 56 | 10♊26'36 | 28♓ 0 | 17♊53 | 1♉42 | 23♍32 | 6♍35 | 24♓50 | 1°R35 | 29♋59 | 3♋43 | 15°R29 | 15♍19 | 10♑37 | 28♓34 | F 1 |
| S 2 | 16 40 52 | 11°24'16 | 11♈ 8 | 20° 0 | 2°10 | 23°51 | 6°41 | 24°54 | 1♑33 | 0♌ 1 | 3°44 | 15♍27 | 15°16 | 10°44 | 28°36 | S 2 |
| S 3 | 16 44 49 | 12°21'54 | 24°44 | 22° 7 | 2°40 | 24°10 | 6°46 | 24°57 | 1°30 | 0° 2 | 3°46 | 15°24 | 15°13 | 10°50 | 28°38 | S 3 |
| M 4 | 16 48 45 | 13°19'32 | 8♉49 | 24°11 | 3°11 | 24°30 | 6°51 | 25° 0 | 1°28 | 0° 4 | 3°47 | 15°17 | 15°10 | 10°57 | 28°39 | M 4 |
| T 5 | 16 52 42 | 14°17'09 | 23°22 | 26°14 | 3°44 | 24°50 | 6°57 | 25° 3 | 1°26 | 0° 6 | 3°48 | 15° 8 | 15° 6 | 11° 4 | 28°41 | T 5 |
| W 6 | 16 56 38 | 15°14'45 | 8♊16 | 28°14 | 4°17 | 25°11 | 7° 3 | 25° 6 | 1°24 | 0° 7 | 3°50 | 14°58 | 15° 3 | 11°10 | 28°42 | W 6 |
| T 7 | 17 0 35 | 16°12'20 | 23°25 | 0♋13 | 4°53 | 25°32 | 7° 9 | 25° 9 | 1°21 | 0° 9 | 3°51 | 14°46 | 15° 0 | 11°17 | 28°44 | T 7 |
| F 8 | 17 4 31 | 17° 9'54 | 8♋36 | 2° 9 | 5°29 | 25°54 | 7°15 | 25°12 | 1°19 | 0°11 | 3°53 | 14°36 | 14°57 | 11°24 | 28°45 | F 8 |
| S 9 | 17 8 28 | 18° 7'26 | 23°40 | 4° 2 | 6° 6 | 26°16 | 7°21 | 25°15 | 1°16 | 0°12 | 3°54 | 14°28 | 14°54 | 11°31 | 28°46 | S 9 |
| S 10 | 17 12 25 | 19° 4'58 | 8♌27 | 5°53 | 6°45 | 26°38 | 7°28 | 25°18 | 1°14 | 0°14 | 3°55 | 14°22 | 14°51 | 11°37 | 28°48 | S 10 |
| M11 | 17 16 21 | 20° 2'28 | 22°53 | 7°41 | 7°25 | 27° 0 | 7°34 | 25°20 | 1°12 | 0°16 | 3°57 | 14°19 | 14°47 | 11°44 | 28°49 | M11 |
| T 12 | 17 20 18 | 20°59'56 | 6♍54 | 9°27 | 8° 6 | 27°23 | 7°41 | 25°23 | 1° 9 | 0°18 | 3°58 | 14°18 | 14°44 | 11°51 | 28°50 | T 12 |
| W13 | 17 24 14 | 21°57'24 | 20°31 | 11°10 | 8°47 | 27°46 | 7°48 | 25°25 | 1° 7 | 0°20 | 4° 0 | 14°18 | 14°41 | 11°57 | 28°51 | W13 |
| T 14 | 17 28 11 | 22°54'50 | 3♎45 | 12°51 | 9°30 | 28°10 | 7°55 | 25°27 | 1° 4 | 0°21 | 4° 1 | 14°18 | 14°38 | 12° 4 | 28°52 | T 14 |
| F 15 | 17 32 7 | 23°52'15 | 16°40 | 14°28 | 10°14 | 28°34 | 8° 2 | 25°30 | 1° 2 | 0°23 | 4° 2 | 14°16 | 14°35 | 12°11 | 28°53 | F 15 |
| S 16 | 17 36 4 | 24°49'39 | 29°20 | 16° 3 | 10°59 | 28°58 | 8° 9 | 25°32 | 1° 0 | 0°25 | 4° 4 | 14°12 | 14°31 | 12°18 | 28°54 | S 16 |
| S 17 | 17 40 0 | 25°47'02 | 11♏46 | 17°36 | 11°44 | 29°22 | 8°17 | 25°34 | 0°57 | 0°27 | 4° 5 | 14° 5 | 14°28 | 12°24 | 28°55 | S 17 |
| M18 | 17 43 57 | 26°44'25 | 24° 2 | 19° 5 | 12°30 | 29°47 | 8°24 | 25°36 | 0°55 | 0°29 | 4° 7 | 13°56 | 14°25 | 12°31 | 28°56 | M18 |
| T 19 | 17 47 54 | 27°41'46 | 6♐10 | 20°31 | 13°17 | 0♎12 | 8°32 | 25°38 | 0°52 | 0°31 | 4° 8 | 13°45 | 14°22 | 12°38 | 28°57 | T 19 |
| W20 | 17 51 50 | 28°39'06 | 18°12 | 21°55 | 14° 5 | 0°38 | 8°39 | 25°39 | 0°50 | 0°33 | 4° 9 | 13°32 | 14°19 | 12°44 | 28°57 | W20 |
| T 21 | 17 55 47 | 29°36'26 | 0♑ 9 | 23°16 | 14°54 | 1° 3 | 8°47 | 25°41 | 0°47 | 0°35 | 4°11 | 13°19 | 14°16 | 12°51 | 28°58 | T 21 |
| F 22 | 17 59 43 | 0♋33'45 | 12° 2 | 24°34 | 15°43 | 1°29 | 8°55 | 25°42 | 0°45 | 0°37 | 4°12 | 13° 6 | 14°12 | 12°58 | 28°59 | F 22 |
| S 23 | 18 3 40 | 1°31'03 | 23°53 | 25°49 | 16°33 | 1°55 | 9° 3 | 25°44 | 0°42 | 0°39 | 4°14 | 12°56 | 14° 9 | 13° 4 | 28°59 | S 23 |
| S 24 | 18 7 36 | 2°28'21 | 5♒43 | 27° 1 | 17°24 | 2°22 | 9°12 | 25°45 | 0°40 | 0°41 | 4°15 | 12°48 | 14° 6 | 13°11 | 29° 0 | S 24 |
| M25 | 18 11 33 | 3°25'39 | 17°36 | 28°10 | 18°15 | 2°49 | 9°20 | 25°46 | 0°38 | 0°43 | 4°17 | 12°43 | 14° 3 | 13°18 | 29° 0 | M25 |
| T 26 | 18 15 29 | 4°22'56 | 29°35 | 29°16 | 19° 7 | 3°16 | 9°28 | 25°48 | 0°35 | 0°45 | 4°18 | 12°40 | 14° 0 | 13°25 | 29° 1 | T 26 |
| W27 | 18 19 26 | 5°20'13 | 11♓43 | 0♌18 | 20° 0 | 3°43 | 9°37 | 25°49 | 0°33 | 0°47 | 4°19 | 12°D39 | 13°57 | 13°31 | 29° 1 | W27 |
| T 28 | 18 23 23 | 6°17'29 | 24° 5 | 1°17 | 20°53 | 4°10 | 9°45 | 25°50 | 0°30 | 0°49 | 4°21 | 12°40 | 13°53 | 13°38 | 29° 1 | T 28 |
| F 29 | 18 27 19 | 7°14'46 | 6♈46 | 2°13 | 21°47 | 4°38 | 9°54 | 25°50 | 0°28 | 0°51 | 4°22 | 12°R40 | 13°50 | 13°45 | 29° 1 | F 29 |
| S 30 | 18 31 16 | 8♋12'02 | 19♈49 | 3♌ 6 | 22♉41 | 5♎ 6 | 10♍ 3 | 25♓51 | 0♑25 | 0♌53 | 4♋24 | 12♍39 | 13♍47 | 13♑51 | 29♓ 2 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21n58 | 1s48 | 1s 6 | 24n 7 | 1n18 | 10n55 | 1s11 | 3n31 | 1n 2 | 10n 8 | 1n 9 | 3s48 | 1s54 | 23s35 | 0s12 | 19n41 | 0s26 | 17n 0 | 6s20 | 5n43 | 5n46 | 18s19 | 3n10 | 4n 4 |
| S 2 | 22 6 | 2n23 | 2 11 | 24 26 | 1 26 | 10 57 | 1 19 | 3 22 | 1 1 | 10 6 | 1 8 | 3 47 | 1 55 | 23 35 | 0 12 | 19 41 | 0 26 | 17 0 | 6 20 | 5 43 | 5 48 | 18 19 | 3 10 | 4 4 |
| S 3 | 22 13 | 6 35 | 3 11 | 24 42 | 1 33 | 11 0 | 1 27 | 3 13 | 0 59 | 10 4 | 1 8 | 3 46 | 1 55 | 23 35 | 0 12 | 19 40 | 0 26 | 17 0 | 6 20 | 5 45 | 5 49 | 18 19 | 3 11 | 4 4 |
| M 4 | 22 21 | 10 34 | 4 2 | 24 55 | 1 40 | 11 4 | 1 34 | 3 3 | 0 57 | 10 2 | 1 8 | 3 45 | 1 55 | 23 35 | 0 12 | 19 40 | 0 26 | 17 0 | 6 20 | 5 47 | 5 50 | 18 19 | 3 12 | 4 4 |
| T 5 | 22 28 | 14 4 | 4 39 | 25 5 | 1 45 | 11 9 | 1 41 | 2 54 | 0 55 | 9 59 | 1 8 | 3 44 | 1 55 | 23 35 | 0 12 | 19 40 | 0 26 | 17 0 | 6 20 | 5 51 | 5 51 | 18 19 | 3 13 | 4 4 |
| W 6 | 22 34 | 16 43 | 4 58 | 25 13 | 1 51 | 11 14 | 1 48 | 2 44 | 0 54 | 9 57 | 1 8 | 3 43 | 1 56 | 23 35 | 0 12 | 19 39 | 0 26 | 17 0 | 6 19 | 5 55 | 5 53 | 18 18 | 3 14 | 4 5 |
| T 7 | 22 40 | 18 17 | 4 57 | 25 18 | 1 55 | 11 19 | 1 54 | 2 34 | 0 52 | 9 55 | 1 8 | 3 42 | 1 56 | 23 35 | 0 12 | 19 39 | 0 26 | 17 0 | 6 19 | 5 59 | 5 54 | 18 18 | 3 14 | 4 5 |
| F 8 | 22 46 | 18 32 | 4 35 | 25 21 | 1 59 | 11 26 | 2 0 | 2 24 | 0 50 | 9 52 | 1 8 | 3 41 | 1 56 | 23 35 | 0 12 | 19 39 | 0 26 | 17 0 | 6 19 | 6 3 | 5 55 | 18 18 | 3 15 | 4 5 |
| S 9 | 22 51 | 17 29 | 3 54 | 25 21 | 2 2 | 11 32 | 2 6 | 2 14 | 0 49 | 9 50 | 1 7 | 3 40 | 1 56 | 23 35 | 0 12 | 19 38 | 0 26 | 17 1 | 6 19 | 6 6 | 5 56 | 18 18 | 3 16 | 4 5 |
| S 10 | 22 56 | 15 15 | 2 57 | 25 19 | 2 4 | 11 40 | 2 12 | 2 4 | 0 47 | 9 47 | 1 7 | 3 39 | 1 57 | 23 35 | 0 12 | 19 38 | 0 26 | 17 1 | 6 19 | 6 8 | 5 57 | 18 18 | 3 16 | 4 5 |
| M11 | 23 1 | 12 7 | 1 51 | 25 15 | 2 5 | 11 48 | 2 17 | 1 53 | 0 46 | 9 45 | 1 7 | 3 38 | 1 57 | 23 35 | 0 12 | 19 38 | 0 26 | 17 1 | 6 19 | 6 10 | 5 59 | 18 18 | 3 17 | 4 5 |
| T 12 | 23 5 | 8 21 | 0 39 | 25 9 | 2 6 | 11 56 | 2 22 | 1 43 | 0 44 | 9 42 | 1 7 | 3 37 | 1 57 | 23 35 | 0 12 | 19 37 | 0 26 | 17 1 | 6 19 | 6 10 | 6 0 | 18 18 | 3 18 | 4 5 |
| W13 | 23 8 | 4 15 | 0n33 | 25 0 | 2 6 | 12 5 | 2 26 | 1 32 | 0 42 | 9 40 | 1 7 | 3 37 | 1 57 | 23 35 | 0 12 | 19 37 | 0 26 | 17 1 | 6 19 | 6 10 | 6 1 | 18 17 | 3 18 | 4 6 |
| T 14 | 23 12 | 0 3 | 1 41 | 24 50 | 2 5 | 12 14 | 2 31 | 1 21 | 0 41 | 9 37 | 1 7 | 3 36 | 1 58 | 23 35 | 0 12 | 19 36 | 0 26 | 17 1 | 6 19 | 6 10 | 6 2 | 18 17 | 3 19 | 4 6 |
| F 15 | 23 15 | 4s 2 | 2 42 | 24 38 | 2 3 | 12 24 | 2 35 | 1 10 | 0 39 | 9 34 | 1 7 | 3 35 | 1 58 | 23 35 | 0 12 | 19 36 | 0 26 | 17 1 | 6 19 | 6 11 | 6 4 | 18 17 | 3 19 | 4 6 |
| S 16 | 23 17 | 7 52 | 3 34 | 24 25 | 2 1 | 12 34 | 2 39 | 0 59 | 0 38 | 9 31 | 1 6 | 3 35 | 1 58 | 23 35 | 0 12 | 19 36 | 0 26 | 17 1 | 6 19 | 6 12 | 6 5 | 18 17 | 3 20 | 4 6 |
| S 17 | 23 19 | 11 17 | 4 15 | 24 10 | 1 57 | 12 44 | 2 43 | 0 48 | 0 36 | 9 28 | 1 6 | 3 34 | 1 58 | 23 35 | 0 12 | 19 35 | 0 26 | 17 1 | 6 19 | 6 15 | 6 6 | 18 17 | 3 20 | 4 6 |
| M18 | 23 21 | 14 10 | 4 43 | 23 54 | 1 53 | 12 55 | 2 46 | 0 37 | 0 35 | 9 25 | 1 6 | 3 34 | 1 59 | 23 35 | 0 12 | 19 35 | 0 26 | 17 1 | 6 18 | 6 18 | 6 7 | 18 16 | 3 21 | 4 6 |
| T 19 | 23 22 | 16 23 | 4 58 | 23 37 | 1 49 | 13 6 | 2 49 | 0 26 | 0 33 | 9 22 | 1 6 | 3 33 | 1 59 | 23 35 | 0 12 | 19 35 | 0 26 | 17 1 | 6 18 | 6 23 | 6 8 | 18 16 | 3 21 | 4 7 |
| W20 | 23 23 | 17 53 | 5 0 | 23 18 | 1 43 | 13 17 | 2 52 | 0 14 | 0 32 | 9 19 | 1 6 | 3 33 | 1 59 | 23 35 | 0 12 | 19 34 | 0 26 | 17 1 | 6 18 | 6 28 | 6 10 | 18 16 | 3 22 | 4 7 |
| T 21 | 23 23 | 18 35 | 4 48 | 22 59 | 1 37 | 13 28 | 2 55 | 0 3 | 0 31 | 9 16 | 1 6 | 3 32 | 1 59 | 23 35 | 0 12 | 19 34 | 0 26 | 17 1 | 6 18 | 6 33 | 6 11 | 18 16 | 3 22 | 4 7 |
| F 22 | 23 23 | 18 28 | 4 24 | 22 39 | 1 30 | 13 40 | 2 58 | 0s 9 | 0 29 | 9 13 | 1 6 | 3 32 | 2 0 | 23 35 | 0 12 | 19 33 | 0 26 | 17 1 | 6 18 | 6 37 | 6 12 | 18 16 | 3 22 | 4 7 |
| S 23 | 23 23 | 17 32 | 3 48 | 22 17 | 1 23 | 13 52 | 3 0 | 0 20 | 0 28 | 9 10 | 1 6 | 3 32 | 2 0 | 23 35 | 0 12 | 19 33 | 0 26 | 17 1 | 6 18 | 6 41 | 6 13 | 18 15 | 3 23 | 4 7 |
| S 24 | 23 22 | 15 50 | 3 3 | 21 56 | 1 15 | 14 4 | 3 2 | 0 32 | 0 26 | 9 7 | 1 5 | 3 31 | 2 0 | 23 35 | 0 12 | 19 33 | 0 26 | 17 1 | 6 18 | 6 44 | 6 15 | 18 15 | 3 23 | 4 8 |
| M25 | 23 20 | 13 28 | 2 9 | 21 34 | 1 6 | 14 16 | 3 4 | 0 44 | 0 25 | 9 4 | 1 5 | 3 31 | 2 0 | 23 35 | 0 12 | 19 32 | 0 26 | 17 1 | 6 18 | 6 46 | 6 16 | 18 15 | 3 24 | 4 8 |
| T 26 | 23 19 | 10 31 | 1 9 | 21 11 | 0 57 | 14 28 | 3 6 | 0 56 | 0 24 | 9 0 | 1 5 | 3 31 | 2 1 | 23 35 | 0 12 | 19 32 | 0 26 | 17 1 | 6 18 | 6 47 | 6 17 | 18 15 | 3 24 | 4 8 |
| W27 | 23 17 | 7 5 | 0 5 | 20 48 | 0 47 | 14 41 | 3 8 | 1 8 | 0 22 | 8 57 | 1 5 | 3 31 | 2 1 | 23 35 | 0 12 | 19 31 | 0 26 | 17 1 | 6 18 | 6 48 | 6 18 | 18 15 | 3 24 | 4 8 |
| T 28 | 23 14 | 3 16 | 1s 1 | 20 25 | 0 36 | 14 53 | 3 9 | 1 20 | 0 21 | 8 54 | 1 5 | 3 31 | 2 1 | 23 35 | 0 12 | 19 31 | 0 26 | 17 1 | 6 18 | 6 48 | 6 19 | 18 14 | 3 24 | 4 8 |
| F 29 | 23 11 | 0n46 | 2 5 | 20 1 | 0 25 | 15 6 | 3 10 | 1 32 | 0 20 | 8 50 | 1 5 | 3 30 | 2 1 | 23 35 | 0 12 | 19 30 | 0 26 | 17 1 | 6 18 | 6 47 | 6 21 | 18 14 | 3 25 | 4 8 |
| S 30 | 23n 8 | 4n53 | 3s 5 | 19n38 | 0n13 | 15n19 | 3s11 | 1s44 | 0n18 | 8n47 | 1n 5 | 3s30 | 2s 2 | 23s35 | 0s12 | 19n30 | 0s26 | 17n 1 | 6s18 | 6n48 | 6n22 | 18s14 | 3n25 | 4n 9 |

Julian Day Number = 2600349.5, Delta T = 09m00s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'10, Lahiri = 29°33'11


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## JULY 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 35 12 | 9♋ 9'18 | 3♉20 | 3♌54 | 23♉36 | 5♎34 | 10♍12 | 25♓52 | 0°R23 | 0♌55 | 4♋25 | 12°R37 | 13♍44 | 13♑58 | 29♓ 2 | S 1 |
| M 2 | 18 39 9 | 10° 6'34 | 17°20 | 4°40 | 24°31 | 6° 3 | 10°21 | 25°52 | 0♑20 | 0°57 | 4°27 | 12♍32 | 13°41 | 14° 5 | 29°R 2 | M 2 |
| T 3 | 18 43 5 | 11° 3'50 | 1♊48 | 5°21 | 25°27 | 6°31 | 10°30 | 25°53 | 0°18 | 0°59 | 4°28 | 12°26 | 13°37 | 14°12 | 29° 2 | T 3 |
| W 4 | 18 47 2 | 12° 1'06 | 16°41 | 5°58 | 26°23 | 7° 0 | 10°40 | 25°53 | 0°16 | 1° 1 | 4°30 | 12°17 | 13°34 | 14°18 | 29° 2 | W 4 |
| T 5 | 18 50 58 | 12°58'22 | 1♋51 | 6°32 | 27°19 | 7°29 | 10°49 | 25°53 | 0°13 | 1° 4 | 4°31 | 12° 9 | 13°31 | 14°25 | 29° 1 | T 5 |
| F 6 | 18 54 55 | 13°55'38 | 17° 9 | 7° 1 | 28°16 | 7°59 | 10°59 | 25°54 | 0°11 | 1° 6 | 4°32 | 12° 0 | 13°28 | 14°32 | 29° 1 | F 6 |
| S 7 | 18 58 52 | 14°52'53 | 2♌22 | 7°26 | 29°14 | 8°28 | 11° 8 | 25°R54 | 0° 9 | 1° 8 | 4°34 | 11°54 | 13°25 | 14°38 | 29° 1 | S 7 |
| S 8 | 19 2 48 | 15°50'09 | 17°22 | 7°47 | 0♊12 | 8°58 | 11°18 | 25°54 | 0° 6 | 1°10 | 4°35 | 11°49 | 13°22 | 14°45 | 29° 1 | S 8 |
| M 9 | 19 6 45 | 16°47'23 | 1♍59 | 8° 3 | 1°10 | 9°28 | 11°28 | 25°53 | 0° 4 | 1°12 | 4°37 | 11°47 | 13°18 | 14°52 | 29° 0 | M 9 |
| T 10 | 19 10 41 | 17°44'38 | 16°11 | 8°15 | 2° 9 | 9°58 | 11°37 | 25°53 | 0° 2 | 1°14 | 4°38 | 11°D47 | 13°15 | 14°58 | 29° 0 | T 10 |
| W11 | 19 14 38 | 18°41'52 | 29°55 | 8°22 | 3° 8 | 10°29 | 11°47 | 25°53 | 29♐59 | 1°16 | 4°39 | 11°48 | 13°12 | 15° 5 | 29° 0 | W11 |
| T 12 | 19 18 34 | 19°39'06 | 13♎14 | 8°R24 | 4° 7 | 11° 0 | 11°57 | 25°52 | 29°57 | 1°19 | 4°41 | 11°49 | 13° 9 | 15°12 | 28°59 | T 12 |
| F 13 | 19 22 31 | 20°36'19 | 26° 9 | 8°22 | 5° 7 | 11°30 | 12° 8 | 25°52 | 29°55 | 1°21 | 4°42 | 11°R49 | 13° 6 | 15°19 | 28°59 | F 13 |
| S 14 | 19 26 27 | 21°33'33 | 8♏45 | 8°15 | 6° 7 | 12° 1 | 12°18 | 25°51 | 29°53 | 1°23 | 4°44 | 11°47 | 13° 3 | 15°25 | 28°58 | S 14 |
| S 15 | 19 30 24 | 22°30'46 | 21° 6 | 8° 3 | 7° 7 | 12°33 | 12°28 | 25°51 | 29°50 | 1°25 | 4°45 | 11°43 | 12°59 | 15°32 | 28°57 | S 15 |
| M16 | 19 34 21 | 23°27'59 | 3♐15 | 7°47 | 8° 8 | 13° 4 | 12°38 | 25°50 | 29°48 | 1°27 | 4°46 | 11°38 | 12°56 | 15°39 | 28°56 | M16 |
| T 17 | 19 38 17 | 24°25'12 | 15°16 | 7°27 | 9° 9 | 13°36 | 12°49 | 25°49 | 29°46 | 1°30 | 4°48 | 11°31 | 12°53 | 15°45 | 28°56 | T 17 |
| W18 | 19 42 14 | 25°22'25 | 27°11 | 7° 2 | 10°10 | 14° 7 | 12°59 | 25°48 | 29°44 | 1°32 | 4°49 | 11°22 | 12°50 | 15°52 | 28°55 | W18 |
| T 19 | 19 46 10 | 26°19'38 | 9♑ 4 | 6°34 | 11°12 | 14°39 | 13°10 | 25°47 | 29°42 | 1°34 | 4°50 | 11°14 | 12°47 | 15°59 | 28°54 | T 19 |
| F 20 | 19 50 7 | 27°16'51 | 20°55 | 6° 2 | 12°13 | 15°12 | 13°21 | 25°45 | 29°40 | 1°36 | 4°52 | 11° 6 | 12°43 | 16° 5 | 28°53 | F 20 |
| S 21 | 19 54 3 | 28°14'04 | 2♒47 | 5°28 | 13°16 | 15°44 | 13°31 | 25°44 | 29°38 | 1°39 | 4°53 | 10°59 | 12°40 | 16°12 | 28°52 | S 21 |
| S 22 | 19 58 0 | 29°11'18 | 14°41 | 4°51 | 14°18 | 16°16 | 13°42 | 25°43 | 29°36 | 1°41 | 4°54 | 10°54 | 12°37 | 16°19 | 28°51 | S 22 |
| M23 | 20 1 57 | 0♌ 8'32 | 26°40 | 4°12 | 15°21 | 16°49 | 13°53 | 25°41 | 29°34 | 1°43 | 4°56 | 10°51 | 12°34 | 16°26 | 28°50 | M23 |
| T 24 | 20 5 53 | 1° 5'46 | 8♓46 | 3°32 | 16°24 | 17°22 | 14° 4 | 25°39 | 29°32 | 1°45 | 4°57 | 10°D50 | 12°31 | 16°32 | 28°49 | T 24 |
| W25 | 20 9 50 | 2° 3'01 | 21° 1 | 2°52 | 17°27 | 17°55 | 14°15 | 25°38 | 29°30 | 1°47 | 4°58 | 10°51 | 12°28 | 16°39 | 28°48 | W25 |
| T 26 | 20 13 46 | 3° 0'17 | 3♈29 | 2°11 | 18°30 | 18°28 | 14°26 | 25°36 | 29°28 | 1°50 | 5° 0 | 10°52 | 12°24 | 16°46 | 28°46 | T 26 |
| F 27 | 20 17 43 | 3°57'33 | 16°13 | 1°32 | 19°34 | 19° 1 | 14°38 | 25°34 | 29°26 | 1°52 | 5° 1 | 10°54 | 12°21 | 16°52 | 28°45 | F 27 |
| S 28 | 20 21 39 | 4°54'50 | 29°17 | 0°54 | 20°38 | 19°35 | 14°49 | 25°32 | 29°24 | 1°54 | 5° 2 | 10°R55 | 12°18 | 16°59 | 28°44 | S 28 |
| S 29 | 20 25 36 | 5°52'08 | 12♉44 | 0°18 | 21°42 | 20° 8 | 15° 0 | 25°30 | 29°22 | 1°56 | 5° 4 | 10°55 | 12°15 | 17° 6 | 28°42 | S 29 |
| M30 | 20 29 32 | 6°49'27 | 26°35 | 29♋46 | 22°46 | 20°42 | 15°12 | 25°28 | 29°20 | 1°59 | 5° 5 | 10°53 | 12°12 | 17°12 | 28°41 | M30 |
| T 31 | 20 33 29 | 7♌46'46 | 10♊52 | 29♋17 | 23♊51 | 21♎16 | 15♍23 | 25♓26 | 29♐19 | 2♌ 1 | 5♋ 6 | 10♍50 | 12♍ 8 | 17♑19 | 28♓39 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 4 | 8n53 | 3s56 | 19n15 | 0n 1 | 15n31 | 3s12 | 1s57 | 0n17 | 8n43 | 1n 5 | 3s30 | 2s 2 | 23s35 | 0s12 | 19n30 | 0s25 | 17n 1 | 6s18 | 6n49 | 6n23 | 18s14 | 3n25 | 4n 9 |
| M 2 | 23 0 | 12 33 | 4 36 | 18 51 | 0s12 | 15 44 | 3 13 | 2 9 | 0 16 | 8 40 | 1 5 | 3 30 | 2 2 | 23 36 | 0 13 | 19 29 | 0 25 | 17 1 | 6 18 | 6 50 | 6 24 | 18 13 | 3 25 | 4 9 |
| T 3 | 22 55 | 15 35 | 4 59 | 18 29 | 0 26 | 15 57 | 3 14 | 2 22 | 0 15 | 8 36 | 1 4 | 3 30 | 2 2 | 23 36 | 0 13 | 19 29 | 0 25 | 17 1 | 6 18 | 6 53 | 6 25 | 18 13 | 3 25 | 4 9 |
| W 4 | 22 50 | 17 41 | 5 4 | 18 6 | 0 39 | 16 9 | 3 14 | 2 34 | 0 13 | 8 33 | 1 4 | 3 31 | 2 3 | 23 36 | 0 13 | 19 28 | 0 25 | 17 1 | 6 18 | 6 56 | 6 27 | 18 13 | 3 26 | 4 9 |
| T 5 | 22 45 | 18 35 | 4 47 | 17 44 | 0 53 | 16 22 | 3 14 | 2 47 | 0 12 | 8 29 | 1 4 | 3 31 | 2 3 | 23 36 | 0 13 | 19 28 | 0 25 | 17 1 | 6 18 | 6 59 | 6 28 | 18 13 | 3 26 | 4 9 |
| F 6 | 22 39 | 18 10 | 4 10 | 17 23 | 1 8 | 16 34 | 3 14 | 2 59 | 0 11 | 8 25 | 1 4 | 3 31 | 2 3 | 23 36 | 0 13 | 19 27 | 0 25 | 17 1 | 6 18 | 7 3 | 6 29 | 18 12 | 3 26 | 4 10 |
| S 7 | 22 33 | 16 25 | 3 15 | 17 2 | 1 23 | 16 47 | 3 14 | 3 12 | 0 10 | 8 22 | 1 4 | 3 31 | 2 3 | 23 36 | 0 13 | 19 27 | 0 25 | 17 1 | 6 18 | 7 5 | 6 30 | 18 12 | 3 26 | 4 10 |
| S 8 | 22 27 | 13 35 | 2 7 | 16 42 | 1 38 | 16 59 | 3 14 | 3 25 | 0 9 | 8 18 | 1 4 | 3 31 | 2 4 | 23 36 | 0 13 | 19 26 | 0 25 | 17 1 | 6 18 | 7 7 | 6 32 | 18 12 | 3 26 | 4 10 |
| M 9 | 22 20 | 9 56 | 0 52 | 16 23 | 1 53 | 17 11 | 3 14 | 3 38 | 0 7 | 8 14 | 1 4 | 3 32 | 2 4 | 23 36 | 0 13 | 19 26 | 0 25 | 17 1 | 6 18 | 7 8 | 6 33 | 18 12 | 3 26 | 4 10 |
| T 10 | 22 13 | 5 48 | 0n24 | 16 6 | 2 9 | 17 23 | 3 13 | 3 51 | 0 6 | 8 10 | 1 4 | 3 32 | 2 4 | 23 36 | 0 13 | 19 25 | 0 25 | 17 1 | 6 18 | 7 8 | 6 34 | 18 11 | 3 26 | 4 10 |
| W11 | 22 5 | 1 30 | 1 36 | 15 49 | 2 24 | 17 35 | 3 13 | 4 4 | 0 5 | 8 6 | 1 4 | 3 32 | 2 5 | 23 36 | 0 13 | 19 25 | 0 25 | 17 1 | 6 18 | 7 7 | 6 35 | 18 11 | 3 26 | 4 10 |
| T 12 | 21 57 | 2s44 | 2 41 | 15 33 | 2 39 | 17 47 | 3 12 | 4 17 | 0 4 | 8 2 | 1 4 | 3 33 | 2 5 | 23 36 | 0 13 | 19 25 | 0 25 | 17 1 | 6 18 | 7 7 | 6 36 | 18 11 | 3 26 | 4 11 |
| F 13 | 21 48 | 6 43 | 3 35 | 15 19 | 2 55 | 17 58 | 3 11 | 4 30 | 0 3 | 7 58 | 1 3 | 3 33 | 2 5 | 23 36 | 0 13 | 19 24 | 0 25 | 17 1 | 6 18 | 7 7 | 6 38 | 18 11 | 3 26 | 4 11 |
| S 14 | 21 40 | 10 18 | 4 18 | 15 7 | 3 10 | 18 10 | 3 10 | 4 43 | 0 2 | 7 54 | 1 3 | 3 34 | 2 5 | 23 36 | 0 13 | 19 24 | 0 25 | 17 1 | 6 18 | 7 8 | 6 39 | 18 10 | 3 26 | 4 11 |
| S 15 | 21 31 | 13 21 | 4 48 | 14 55 | 3 24 | 18 21 | 3 9 | 4 56 | 0 1 | 7 50 | 1 3 | 3 34 | 2 6 | 23 36 | 0 13 | 19 23 | 0 25 | 17 1 | 6 18 | 7 9 | 6 40 | 18 10 | 3 25 | 4 11 |
| M16 | 21 21 | 15 47 | 5 4 | 14 46 | 3 38 | 18 32 | 3 8 | 5 9 | 0s 0 | 7 46 | 1 3 | 3 35 | 2 6 | 23 36 | 0 13 | 19 23 | 0 25 | 17 1 | 6 18 | 7 11 | 6 41 | 18 10 | 3 25 | 4 11 |
| T 17 | 21 11 | 17 29 | 5 7 | 14 38 | 3 52 | 18 42 | 3 6 | 5 22 | 0 1 | 7 42 | 1 3 | 3 35 | 2 6 | 23 36 | 0 13 | 19 22 | 0 25 | 17 1 | 6 18 | 7 14 | 6 42 | 18 10 | 3 25 | 4 11 |
| W18 | 21 1 | 18 25 | 4 56 | 14 32 | 4 4 | 18 53 | 3 5 | 5 36 | 0 2 | 7 38 | 1 3 | 3 36 | 2 6 | 23 36 | 0 13 | 19 22 | 0 25 | 17 0 | 6 18 | 7 17 | 6 44 | 18 9 | 3 25 | 4 11 |
| T 19 | 20 50 | 18 33 | 4 32 | 14 27 | 4 16 | 19 3 | 3 3 | 5 49 | 0 4 | 7 34 | 1 3 | 3 37 | 2 7 | 23 36 | 0 13 | 19 21 | 0 25 | 17 0 | 6 18 | 7 20 | 6 45 | 18 9 | 3 25 | 4 12 |
| F 20 | 20 39 | 17 51 | 3 57 | 14 25 | 4 26 | 19 12 | 3 1 | 6 2 | 0 5 | 7 30 | 1 3 | 3 37 | 2 7 | 23 36 | 0 13 | 19 21 | 0 25 | 17 0 | 6 18 | 7 23 | 6 46 | 18 9 | 3 25 | 4 12 |
| S 21 | 20 28 | 16 23 | 3 11 | 14 24 | 4 36 | 19 22 | 3 0 | 6 16 | 0 6 | 7 26 | 1 3 | 3 38 | 2 7 | 23 36 | 0 13 | 19 20 | 0 25 | 17 0 | 6 18 | 7 26 | 6 47 | 18 8 | 3 24 | 4 12 |
| S 22 | 20 16 | 14 12 | 2 17 | 14 25 | 4 44 | 19 31 | 2 58 | 6 29 | 0 7 | 7 21 | 1 3 | 3 39 | 2 7 | 23 36 | 0 13 | 19 20 | 0 25 | 17 0 | 6 18 | 7 28 | 6 49 | 18 8 | 3 24 | 4 12 |
| M23 | 20 4 | 11 24 | 1 16 | 14 27 | 4 50 | 19 40 | 2 56 | 6 43 | 0 8 | 7 17 | 1 3 | 3 40 | 2 8 | 23 36 | 0 13 | 19 19 | 0 25 | 17 0 | 6 18 | 7 29 | 6 50 | 18 8 | 3 24 | 4 12 |
| T 24 | 19 52 | 8 5 | 0 11 | 14 32 | 4 55 | 19 49 | 2 54 | 6 56 | 0 9 | 7 13 | 1 3 | 3 41 | 2 8 | 23 36 | 0 13 | 19 19 | 0 25 | 17 0 | 6 18 | 7 29 | 6 51 | 18 8 | 3 23 | 4 12 |
| W25 | 19 39 | 4 24 | 0s55 | 14 37 | 4 59 | 19 57 | 2 52 | 7 10 | 0 10 | 7 9 | 1 2 | 3 42 | 2 8 | 23 36 | 0 13 | 19 18 | 0 25 | 17 0 | 6 18 | 7 29 | 6 52 | 18 7 | 3 23 | 4 13 |
| T 26 | 19 26 | 0 28 | 2 0 | 14 45 | 5 0 | 20 5 | 2 49 | 7 23 | 0 11 | 7 4 | 1 2 | 3 42 | 2 8 | 23 36 | 0 13 | 19 18 | 0 25 | 17 0 | 6 18 | 7 28 | 6 53 | 18 7 | 3 23 | 4 13 |
| F 27 | 19 13 | 3n35 | 3 1 | 14 53 | 5 0 | 20 12 | 2 47 | 7 37 | 0 12 | 7 0 | 1 2 | 3 43 | 2 8 | 23 36 | 0 13 | 19 17 | 0 25 | 17 0 | 6 18 | 7 28 | 6 55 | 18 7 | 3 22 | 4 13 |
| S 28 | 19 0 | 7 33 | 3 54 | 15 3 | 4 58 | 20 19 | 2 44 | 7 50 | 0 13 | 6 55 | 1 2 | 3 44 | 2 9 | 23 36 | 0 13 | 19 17 | 0 25 | 17 0 | 6 18 | 7 27 | 6 56 | 18 6 | 3 22 | 4 13 |
| S 29 | 18 46 | 11 15 | 4 36 | 15 14 | 4 55 | 20 26 | 2 42 | 8 4 | 0 14 | 6 51 | 1 2 | 3 45 | 2 9 | 23 36 | 0 13 | 19 16 | 0 25 | 17 0 | 6 18 | 7 28 | 6 57 | 18 6 | 3 21 | 4 13 |
| M30 | 18 31 | 14 26 | 5 3 | 15 26 | 4 50 | 20 32 | 2 39 | 8 17 | 0 14 | 6 47 | 1 2 | 3 47 | 2 9 | 23 36 | 0 13 | 19 16 | 0 25 | 17 0 | 6 18 | 7 28 | 6 58 | 18 6 | 3 21 | 4 13 |
| T 31 | 18n17 | 16n52 | 5s12 | 15n38 | 4s43 | 20n38 | 2s37 | 8s31 | 0s15 | 6n42 | 1n 2 | 3s48 | 2s 9 | 23s36 | 0s13 | 19n15 | 0s25 | 17n 0 | 6s18 | 7n29 | 6n59 | 18s 5 | 3n20 | 4n13 |

Julian Day Number = 2600379.5, Delta T = 09m00s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'14, Lahiri = 29°33'16


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## AUGUST 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 37 25 | 8♌44'07 | 25♊32 | 28°R52 | 24♊55 | 21♎50 | 15♍35 | 25°R23 | 29°R17 | 2♌ 3 | 5♋ 7 | 10°R46 | 12♍ 5 | 17♉26 | 28°R38 | W 1 |
| T 2 | 20 41 22 | 9°41'28 | 10♋29 | 28♋31 | 26° 0 | 22°24 | 15°46 | 25♓21 | 29♐15 | 2° 5 | 5° 9 | 10♍42 | 12° 2 | 17°33 | 28♓36 | T 2 |
| F 3 | 20 45 19 | 10°38'50 | 25°36 | 28°16 | 27° 5 | 22°59 | 15°58 | 25°18 | 29°14 | 2° 7 | 5°10 | 10°38 | 11°59 | 17°39 | 28°34 | F 3 |
| S 4 | 20 49 15 | 11°36'13 | 10♌44 | 28° 6 | 28°11 | 23°33 | 16° 9 | 25°16 | 29°12 | 2°10 | 5°11 | 10°35 | 11°56 | 17°46 | 28°33 | S 4 |
| S 5 | 20 53 12 | 12°33'37 | 25°42 | 28°D 2 | 29°16 | 24° 8 | 16°21 | 25°13 | 29°10 | 2°12 | 5°12 | 10°33 | 11°53 | 17°53 | 28°31 | S 5 |
| M 6 | 20 57 8 | 13°31'01 | 10♍24 | 28° 4 | 0♋22 | 24°43 | 16°33 | 25°10 | 29° 9 | 2°14 | 5°13 | 10°D32 | 11°49 | 17°59 | 28°29 | M 6 |
| T 7 | 21 1 5 | 14°28'26 | 24°41 | 28°12 | 1°28 | 25°18 | 16°45 | 25° 7 | 29° 7 | 2°16 | 5°14 | 10°33 | 11°46 | 18° 6 | 28°27 | T 7 |
| W 8 | 21 5 1 | 15°25'51 | 8♎33 | 28°26 | 2°34 | 25°53 | 16°57 | 25° 5 | 29° 6 | 2°18 | 5°16 | 10°34 | 11°43 | 18°13 | 28°25 | W 8 |
| T 9 | 21 8 58 | 16°23'17 | 21°58 | 28°47 | 3°40 | 26°28 | 17° 9 | 25° 2 | 29° 4 | 2°21 | 5°17 | 10°35 | 11°40 | 18°19 | 28°24 | T 9 |
| F 10 | 21 12 54 | 17°20'44 | 4♏58 | 29°14 | 4°46 | 27° 4 | 17°21 | 24°58 | 29° 3 | 2°23 | 5°18 | 10°37 | 11°37 | 18°26 | 28°22 | F 10 |
| S 11 | 21 16 51 | 18°18'11 | 17°37 | 29°47 | 5°53 | 27°39 | 17°33 | 24°55 | 29° 2 | 2°25 | 5°19 | 10°R37 | 11°34 | 18°33 | 28°20 | S 11 |
| S 12 | 21 20 48 | 19°15'39 | 29°58 | 0♌27 | 7° 0 | 28°15 | 17°45 | 24°52 | 29° 0 | 2°27 | 5°20 | 10°37 | 11°30 | 18°39 | 28°18 | S 12 |
| M13 | 21 24 44 | 20°13'07 | 12♐ 6 | 1°13 | 8° 7 | 28°51 | 17°57 | 24°49 | 28°59 | 2°29 | 5°21 | 10°35 | 11°27 | 18°46 | 28°15 | M13 |
| T 14 | 21 28 41 | 21°10'37 | 24° 4 | 2° 5 | 9°14 | 29°27 | 18° 9 | 24°45 | 28°58 | 2°31 | 5°22 | 10°33 | 11°24 | 18°53 | 28°13 | T 14 |
| W15 | 21 32 37 | 22° 8'07 | 5♑57 | 3° 4 | 10°21 | 0♏ 3 | 18°21 | 24°42 | 28°57 | 2°34 | 5°23 | 10°30 | 11°21 | 19° 0 | 28°11 | W15 |
| T 16 | 21 36 34 | 23° 5'38 | 17°47 | 4° 8 | 11°28 | 0°39 | 18°34 | 24°38 | 28°56 | 2°36 | 5°24 | 10°28 | 11°18 | 19° 6 | 28° 9 | T 16 |
| F 17 | 21 40 30 | 24° 3'10 | 29°40 | 5°18 | 12°36 | 1°16 | 18°46 | 24°35 | 28°55 | 2°38 | 5°25 | 10°25 | 11°14 | 19°13 | 28° 7 | F 17 |
| S 18 | 21 44 27 | 25° 0'43 | 11♒35 | 6°34 | 13°43 | 1°52 | 18°58 | 24°31 | 28°54 | 2°40 | 5°26 | 10°23 | 11°11 | 19°20 | 28° 4 | S 18 |
| S 19 | 21 48 23 | 25°58'16 | 23°37 | 7°55 | 14°51 | 2°29 | 19°11 | 24°28 | 28°53 | 2°42 | 5°27 | 10°22 | 11° 8 | 19°26 | 28° 2 | S 19 |
| M20 | 21 52 20 | 26°55'51 | 5♓46 | 9°22 | 15°59 | 3° 5 | 19°23 | 24°24 | 28°52 | 2°44 | 5°28 | 10°D21 | 11° 5 | 19°33 | 28° 0 | M20 |
| T 21 | 21 56 17 | 27°53'28 | 18° 4 | 10°53 | 17° 7 | 3°42 | 19°36 | 24°20 | 28°51 | 2°46 | 5°29 | 10°21 | 11° 2 | 19°40 | 27°57 | T 21 |
| W22 | 22 0 13 | 28°51'05 | 0♈33 | 12°29 | 18°15 | 4°19 | 19°48 | 24°16 | 28°50 | 2°48 | 5°30 | 10°22 | 10°59 | 19°46 | 27°55 | W22 |
| T 23 | 22 4 10 | 29°48'44 | 13°15 | 14° 9 | 19°23 | 4°56 | 20° 1 | 24°12 | 28°49 | 2°50 | 5°31 | 10°23 | 10°55 | 19°53 | 27°53 | T 23 |
| F 24 | 22 8 6 | 0♍46'24 | 26°12 | 15°52 | 20°32 | 5°34 | 20°13 | 24° 8 | 28°49 | 2°52 | 5°32 | 10°24 | 10°52 | 20° 0 | 27°50 | F 24 |
| S 25 | 22 12 3 | 1°44'06 | 9♉24 | 17°39 | 21°40 | 6°11 | 20°26 | 24° 4 | 28°48 | 2°54 | 5°33 | 10°24 | 10°49 | 20° 6 | 27°48 | S 25 |
| S 26 | 22 15 59 | 2°41'49 | 22°54 | 19°29 | 22°49 | 6°48 | 20°38 | 24° 0 | 28°47 | 2°56 | 5°34 | 10°25 | 10°46 | 20°13 | 27°45 | S 26 |
| M27 | 22 19 56 | 3°39'34 | 6♊42 | 21°21 | 23°58 | 7°26 | 20°51 | 23°56 | 28°47 | 2°58 | 5°35 | 10°R25 | 10°43 | 20°20 | 27°43 | M27 |
| T 28 | 22 23 52 | 4°37'21 | 20°48 | 23°16 | 25° 7 | 8° 4 | 21° 4 | 23°52 | 28°46 | 3° 0 | 5°35 | 10°25 | 10°40 | 20°27 | 27°40 | T 28 |
| W29 | 22 27 49 | 5°35'10 | 5♋11 | 25°12 | 26°16 | 8°41 | 21°17 | 23°48 | 28°46 | 3° 2 | 5°36 | 10°24 | 10°36 | 20°33 | 27°37 | W29 |
| T 30 | 22 31 46 | 6°33'00 | 19°48 | 27°10 | 27°25 | 9°19 | 21°29 | 23°43 | 28°45 | 3° 4 | 5°37 | 10°24 | 10°33 | 20°40 | 27°35 | T 30 |
| F 31 | 22 35 42 | 7♍30'51 | 4♌33 | 29♌ 8 | 28♋35 | 9♏57 | 21♍42 | 23♓39 | 28♐45 | 3♌ 6 | 5♋38 | 10♍23 | 10♍30 | 20♉47 | 27♓32 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 18n 2 | 18n17 | 5s 2 | 15n51 | 4s35 | 20n43 | 2s34 | 8s45 | 0s16 | 6n38 | 1n 2 | 3s49 | 2s10 | 23s36 | 0s13 | 19n15 | 0s25 | 17n 0 | 6s18 | 7n31 | 7n 1 | 18s 5 | 3n20 | 4n13 |
| T 2 | 17 47 | 18 28 | 4 31 | 16 5 | 4 25 | 20 48 | 2 31 | 8 58 | 0 17 | 6 33 | 1 2 | 3 50 | 2 10 | 23 36 | 0 13 | 19 14 | 0 25 | 17 0 | 6 18 | 7 32 | 7 2 | 18 5 | 3 19 | 4 14 |
| F 3 | 17 32 | 17 20 | 3 42 | 16 18 | 4 14 | 20 53 | 2 28 | 9 12 | 0 18 | 6 29 | 1 2 | 3 51 | 2 10 | 23 36 | 0 13 | 19 14 | 0 25 | 16 59 | 6 18 | 7 34 | 7 3 | 18 4 | 3 19 | 4 14 |
| S 4 | 17 16 | 15 0 | 2 36 | 16 32 | 4 2 | 20 57 | 2 25 | 9 25 | 0 19 | 6 24 | 1 2 | 3 52 | 2 10 | 23 36 | 0 13 | 19 13 | 0 25 | 16 59 | 6 18 | 7 35 | 7 4 | 18 4 | 3 18 | 4 14 |
| S 5 | 17 0 | 11 39 | 1 21 | 16 46 | 3 49 | 21 1 | 2 22 | 9 39 | 0 20 | 6 19 | 1 2 | 3 54 | 2 10 | 23 36 | 0 13 | 19 13 | 0 25 | 16 59 | 6 18 | 7 36 | 7 5 | 18 4 | 3 18 | 4 14 |
| M 6 | 16 44 | 7 39 | 0 1 | 16 59 | 3 35 | 21 4 | 2 19 | 9 53 | 0 21 | 6 15 | 1 2 | 3 55 | 2 11 | 23 36 | 0 13 | 19 13 | 0 25 | 16 59 | 6 18 | 7 36 | 7 7 | 18 3 | 3 17 | 4 14 |
| T 7 | 16 27 | 3 17 | 1n17 | 17 11 | 3 21 | 21 6 | 2 16 | 10 6 | 0 22 | 6 10 | 1 2 | 3 56 | 2 11 | 23 36 | 0 13 | 19 12 | 0 25 | 16 59 | 6 18 | 7 36 | 7 8 | 18 3 | 3 16 | 4 14 |
| W 8 | 16 10 | 1s 7 | 2 28 | 17 23 | 3 6 | 21 9 | 2 13 | 10 20 | 0 23 | 6 5 | 1 2 | 3 58 | 2 11 | 23 36 | 0 13 | 19 12 | 0 25 | 16 59 | 6 18 | 7 35 | 7 9 | 18 3 | 3 16 | 4 14 |
| T 9 | 15 53 | 5 19 | 3 29 | 17 35 | 2 50 | 21 10 | 2 10 | 10 33 | 0 23 | 6 1 | 1 2 | 3 59 | 2 11 | 23 36 | 0 13 | 19 11 | 0 25 | 16 59 | 6 18 | 7 35 | 7 10 | 18 2 | 3 15 | 4 14 |
| F 10 | 15 36 | 9 7 | 4 16 | 17 45 | 2 34 | 21 11 | 2 7 | 10 47 | 0 24 | 5 56 | 1 2 | 4 0 | 2 12 | 23 35 | 0 13 | 19 11 | 0 25 | 16 59 | 6 18 | 7 34 | 7 12 | 18 2 | 3 14 | 4 14 |
| S 11 | 15 18 | 12 24 | 4 50 | 17 54 | 2 18 | 21 12 | 2 3 | 11 0 | 0 25 | 5 51 | 1 2 | 4 2 | 2 12 | 23 35 | 0 13 | 19 10 | 0 25 | 16 59 | 6 18 | 7 34 | 7 13 | 18 2 | 3 14 | 4 15 |
| S 12 | 15 1 | 15 3 | 5 10 | 18 1 | 2 2 | 21 12 | 2 0 | 11 14 | 0 26 | 5 47 | 1 1 | 4 3 | 2 12 | 23 35 | 0 13 | 19 10 | 0 25 | 16 59 | 6 18 | 7 34 | 7 14 | 18 1 | 3 13 | 4 15 |
| M13 | 14 43 | 16 59 | 5 15 | 18 7 | 1 46 | 21 12 | 1 57 | 11 27 | 0 27 | 5 42 | 1 1 | 4 5 | 2 12 | 23 35 | 0 13 | 19 9 | 0 25 | 16 59 | 6 18 | 7 35 | 7 15 | 18 1 | 3 12 | 4 15 |
| T 14 | 14 24 | 18 9 | 5 6 | 18 12 | 1 30 | 21 11 | 1 53 | 11 41 | 0 28 | 5 37 | 1 1 | 4 6 | 2 12 | 23 35 | 0 13 | 19 9 | 0 25 | 16 59 | 6 18 | 7 36 | 7 16 | 18 1 | 3 12 | 4 15 |
| W15 | 14 6 | 18 31 | 4 45 | 18 14 | 1 14 | 21 10 | 1 50 | 11 54 | 0 28 | 5 32 | 1 1 | 4 8 | 2 13 | 23 35 | 0 13 | 19 8 | 0 25 | 16 58 | 6 18 | 7 37 | 7 18 | 18 0 | 3 11 | 4 15 |
| T 16 | 13 47 | 18 3 | 4 11 | 18 14 | 0 58 | 21 8 | 1 46 | 12 8 | 0 29 | 5 27 | 1 1 | 4 9 | 2 13 | 23 35 | 0 13 | 19 8 | 0 25 | 16 58 | 6 18 | 7 38 | 7 19 | 18 0 | 3 10 | 4 15 |
| F 17 | 13 28 | 16 49 | 3 26 | 18 12 | 0 43 | 21 5 | 1 43 | 12 21 | 0 30 | 5 22 | 1 1 | 4 11 | 2 13 | 23 35 | 0 13 | 19 7 | 0 25 | 16 58 | 6 18 | 7 39 | 7 20 | 17 59 | 3 9 | 4 15 |
| S 18 | 13 9 | 14 50 | 2 32 | 18 8 | 0 28 | 21 2 | 1 39 | 12 35 | 0 31 | 5 18 | 1 1 | 4 12 | 2 13 | 23 35 | 0 13 | 19 7 | 0 25 | 16 58 | 6 18 | 7 39 | 7 21 | 17 59 | 3 8 | 4 15 |
| S 19 | 12 50 | 12 11 | 1 31 | 18 2 | 0 14 | 20 59 | 1 36 | 12 48 | 0 32 | 5 13 | 1 1 | 4 14 | 2 13 | 23 35 | 0 13 | 19 6 | 0 25 | 16 58 | 6 19 | 7 40 | 7 22 | 17 59 | 3 7 | 4 15 |
| M20 | 12 30 | 8 59 | 0 25 | 17 52 | 0n 0 | 20 54 | 1 32 | 13 1 | 0 32 | 5 8 | 1 1 | 4 16 | 2 13 | 23 35 | 0 13 | 19 6 | 0 25 | 16 58 | 6 19 | 7 40 | 7 24 | 17 58 | 3 7 | 4 15 |
| T 21 | 12 11 | 5 22 | 0s43 | 17 40 | 0 13 | 20 50 | 1 28 | 13 15 | 0 33 | 5 3 | 1 1 | 4 17 | 2 14 | 23 35 | 0 13 | 19 5 | 0 25 | 16 58 | 6 19 | 7 40 | 7 25 | 17 58 | 3 6 | 4 15 |
| W22 | 11 51 | 1 27 | 1 50 | 17 26 | 0 26 | 20 45 | 1 25 | 13 28 | 0 34 | 4 58 | 1 1 | 4 19 | 2 14 | 23 35 | 0 13 | 19 5 | 0 25 | 16 58 | 6 19 | 7 40 | 7 26 | 17 57 | 3 5 | 4 15 |
| T 23 | 11 31 | 2n34 | 2 52 | 17 8 | 0 37 | 20 39 | 1 21 | 13 41 | 0 35 | 4 53 | 1 1 | 4 21 | 2 14 | 23 35 | 0 13 | 19 4 | 0 25 | 16 58 | 6 19 | 7 40 | 7 27 | 17 57 | 3 4 | 4 15 |
| F 24 | 11 10 | 6 33 | 3 48 | 16 48 | 0 48 | 20 33 | 1 17 | 13 54 | 0 35 | 4 48 | 1 1 | 4 22 | 2 14 | 23 35 | 0 13 | 19 4 | 0 25 | 16 58 | 6 19 | 7 39 | 7 28 | 17 57 | 3 3 | 4 15 |
| S 25 | 10 50 | 10 17 | 4 32 | 16 25 | 0 58 | 20 26 | 1 14 | 14 7 | 0 36 | 4 43 | 1 1 | 4 24 | 2 14 | 23 35 | 0 13 | 19 4 | 0 25 | 16 57 | 6 19 | 7 39 | 7 30 | 17 56 | 3 2 | 4 15 |
| S 26 | 10 29 | 13 34 | 5 3 | 16 0 | 1 6 | 20 18 | 1 10 | 14 20 | 0 37 | 4 38 | 1 1 | 4 26 | 2 14 | 23 35 | 0 13 | 19 3 | 0 25 | 16 57 | 6 19 | 7 39 | 7 31 | 17 56 | 3 1 | 4 15 |
| M27 | 10 9 | 16 10 | 5 17 | 15 31 | 1 14 | 20 10 | 1 6 | 14 33 | 0 38 | 4 33 | 1 1 | 4 28 | 2 14 | 23 35 | 0 13 | 19 3 | 0 25 | 16 57 | 6 19 | 7 39 | 7 32 | 17 55 | 3 0 | 4 16 |
| T 28 | 9 48 | 17 53 | 5 12 | 15 1 | 1 22 | 20 2 | 1 3 | 14 46 | 0 38 | 4 28 | 1 1 | 4 30 | 2 15 | 23 35 | 0 13 | 19 2 | 0 25 | 16 57 | 6 19 | 7 39 | 7 33 | 17 55 | 2 59 | 4 16 |
| W29 | 9 27 | 18 29 | 4 48 | 14 28 | 1 28 | 19 53 | 0 59 | 14 59 | 0 39 | 4 23 | 1 1 | 4 31 | 2 15 | 23 35 | 0 13 | 19 2 | 0 25 | 16 57 | 6 19 | 7 39 | 7 34 | 17 55 | 2 58 | 4 16 |
| T 30 | 9 5 | 17 53 | 4 5 | 13 53 | 1 33 | 19 43 | 0 55 | 15 12 | 0 40 | 4 18 | 1 1 | 4 33 | 2 15 | 23 35 | 0 13 | 19 1 | 0 25 | 16 57 | 6 19 | 7 39 | 7 36 | 17 54 | 2 57 | 4 16 |
| F 31 | 8n44 | 16n 4 | 3s 6 | 13n16 | 1n37 | 19n33 | 0s52 | 15s24 | 0s40 | 4n13 | 1n 1 | 4s35 | 2s15 | 23s35 | 0s13 | 19n 1 | 0s25 | 16n57 | 6s19 | 7n39 | 7n37 | 17s54 | 2n56 | 4n16 |

Julian Day Number = 2600410.5, Delta T = 09m00s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'18, Lahiri = 29°33'20


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## SEPTEMBER 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 39 39 | 8♍28'45 | 19♌21 | 1♍ 8 | 29♋44 | 10♏36 | 21♍55 | 23°R35 | 28°R44 | 3♌ 8 | 5♋39 | 10°R23 | 10♍27 | 20♉53 | 27°R29 | S 1 |
| S 2 | 22 43 35 | 9°26'40 | 4♍ 4 | 3° 7 | 0♌54 | 11°14 | 22° 8 | 23♓30 | 28♐44 | 3°10 | 5°39 | 10♍23 | 10°24 | 21° 0 | 27♓27 | S 2 |
| M 3 | 22 47 32 | 10°24'36 | 18°35 | 5° 6 | 2° 4 | 11°52 | 22°20 | 23°26 | 28°44 | 3°12 | 5°40 | 10°23 | 10°20 | 21° 7 | 27°24 | M 3 |
| T 4 | 22 51 28 | 11°22'34 | 2♎48 | 7° 6 | 3°13 | 12°31 | 22°33 | 23°22 | 28°44 | 3°13 | 5°41 | 10°23 | 10°17 | 21°13 | 27°21 | T 4 |
| W 5 | 22 55 25 | 12°20'33 | 16°40 | 9° 5 | 4°23 | 13° 9 | 22°46 | 23°17 | 28°43 | 3°15 | 5°41 | 10°23 | 10°14 | 21°20 | 27°18 | W 5 |
| T 6 | 22 59 21 | 13°18'34 | 0♏ 8 | 11° 3 | 5°33 | 13°48 | 22°59 | 23°13 | 28°43 | 3°17 | 5°42 | 10°23 | 10°11 | 21°27 | 27°16 | T 6 |
| F 7 | 23 3 18 | 14°16'36 | 13°12 | 13° 0 | 6°44 | 14°27 | 23°12 | 23° 8 | 28°D43 | 3°19 | 5°43 | 10°22 | 10° 8 | 21°33 | 27°13 | F 7 |
| S 8 | 23 7 15 | 15°14'39 | 25°54 | 14°57 | 7°54 | 15° 6 | 23°25 | 23° 4 | 28°43 | 3°21 | 5°43 | 10°22 | 10° 5 | 21°40 | 27°10 | S 8 |
| S 9 | 23 11 11 | 16°12'44 | 8♐18 | 16°53 | 9° 4 | 15°45 | 23°38 | 22°59 | 28°43 | 3°22 | 5°44 | 10°22 | 10° 1 | 21°47 | 27° 7 | S 9 |
| M10 | 23 15 8 | 17°10'50 | 20°26 | 18°48 | 10°15 | 16°24 | 23°51 | 22°54 | 28°43 | 3°24 | 5°45 | 10°D22 | 9°58 | 21°54 | 27° 4 | M10 |
| T 11 | 23 19 4 | 18° 8'57 | 2♑25 | 20°42 | 11°25 | 17° 3 | 24° 4 | 22°50 | 28°44 | 3°26 | 5°45 | 10°22 | 9°55 | 22° 0 | 27° 2 | T 11 |
| W12 | 23 23 1 | 19° 7'06 | 14°17 | 22°34 | 12°36 | 17°43 | 24°17 | 22°45 | 28°44 | 3°27 | 5°46 | 10°23 | 9°52 | 22° 7 | 26°59 | W12 |
| T 13 | 23 26 57 | 20° 5'17 | 26° 8 | 24°26 | 13°46 | 18°22 | 24°30 | 22°41 | 28°44 | 3°29 | 5°46 | 10°23 | 9°49 | 22°14 | 26°56 | T 13 |
| F 14 | 23 30 54 | 21° 3'29 | 8♒ 2 | 26°16 | 14°57 | 19° 2 | 24°43 | 22°36 | 28°44 | 3°31 | 5°47 | 10°24 | 9°45 | 22°20 | 26°53 | F 14 |
| S 15 | 23 34 50 | 22° 1'42 | 20° 2 | 28° 5 | 16° 8 | 19°41 | 24°56 | 22°32 | 28°45 | 3°32 | 5°47 | 10°25 | 9°42 | 22°27 | 26°50 | S 15 |
| S 16 | 23 38 47 | 22°59'57 | 2♓12 | 29°53 | 17°19 | 20°21 | 25° 8 | 22°27 | 28°45 | 3°34 | 5°48 | 10°26 | 9°39 | 22°34 | 26°47 | S 16 |
| M17 | 23 42 43 | 23°58'13 | 14°33 | 1♎40 | 18°30 | 21° 1 | 25°21 | 22°22 | 28°46 | 3°36 | 5°48 | 10°R26 | 9°36 | 22°40 | 26°44 | M17 |
| T 18 | 23 46 40 | 24°56'32 | 27° 8 | 3°26 | 19°42 | 21°41 | 25°34 | 22°18 | 28°46 | 3°37 | 5°48 | 10°26 | 9°33 | 22°47 | 26°42 | T 18 |
| W19 | 23 50 37 | 25°54'52 | 9♈57 | 5°11 | 20°53 | 22°21 | 25°47 | 22°13 | 28°47 | 3°39 | 5°49 | 10°24 | 9°30 | 22°54 | 26°39 | W19 |
| T 20 | 23 54 33 | 26°53'14 | 23° 1 | 6°54 | 22° 4 | 23° 1 | 26° 0 | 22° 9 | 28°47 | 3°40 | 5°49 | 10°22 | 9°26 | 23° 0 | 26°36 | T 20 |
| F 21 | 23 58 30 | 27°51'38 | 6♉18 | 8°36 | 23°16 | 23°42 | 26°13 | 22° 4 | 28°48 | 3°42 | 5°50 | 10°20 | 9°23 | 23° 7 | 26°33 | F 21 |
| S 22 | 0 2 26 | 28°50'04 | 19°49 | 10°18 | 24°28 | 24°22 | 26°26 | 21°59 | 28°49 | 3°43 | 5°50 | 10°17 | 9°20 | 23°14 | 26°30 | S 22 |
| S 23 | 0 6 23 | 29°48'32 | 3♊32 | 11°58 | 25°39 | 25° 3 | 26°39 | 21°55 | 28°49 | 3°44 | 5°50 | 10°15 | 9°17 | 23°20 | 26°27 | S 23 |
| M24 | 0 10 19 | 0♎47'02 | 17°26 | 13°37 | 26°51 | 25°43 | 26°52 | 21°50 | 28°50 | 3°46 | 5°51 | 10°14 | 9°14 | 23°27 | 26°24 | M24 |
| T 25 | 0 14 16 | 1°45'35 | 1♋29 | 15°15 | 28° 3 | 26°24 | 27° 5 | 21°46 | 28°51 | 3°47 | 5°51 | 10°D13 | 9°11 | 23°34 | 26°21 | T 25 |
| W26 | 0 18 12 | 2°44'09 | 15°41 | 16°52 | 29°15 | 27° 5 | 27°18 | 21°41 | 28°52 | 3°49 | 5°51 | 10°14 | 9° 7 | 23°40 | 26°18 | W26 |
| T 27 | 0 22 9 | 3°42'46 | 29°58 | 18°28 | 0♍27 | 27°45 | 27°31 | 21°37 | 28°53 | 3°50 | 5°51 | 10°15 | 9° 4 | 23°47 | 26°16 | T 27 |
| F 28 | 0 26 6 | 4°41'25 | 14♌19 | 20° 3 | 1°39 | 28°26 | 27°44 | 21°33 | 28°54 | 3°51 | 5°51 | 10°16 | 9° 1 | 23°54 | 26°13 | F 28 |
| S 29 | 0 30 2 | 5°40'07 | 28°40 | 21°38 | 2°51 | 29° 7 | 27°57 | 21°28 | 28°55 | 3°52 | 5°52 | 10°17 | 8°58 | 24° 1 | 26°10 | S 29 |
| S 30 | 0 33 59 | 6♎38'50 | 12♍57 | 23♎11 | 4♍ 4 | 29♏49 | 28♍10 | 21♓24 | 28♐56 | 3♌54 | 5♋52 | 10°R18 | 8♍55 | 24♉ 7 | 26♓ 7 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n22 | 13n11 | 1s54 | 12n37 | 1n41 | 19n22 | 0s48 | 15s37 | 0s41 | 4n 8 | 1n 1 | 4s37 | 2s15 | 23s35 | 0s13 | 19n 0 | 0s25 | 16n57 | 6s19 | 7n39 | 7n38 | 17s53 | 2n55 | 4n16 |
| S 2 | 8 1 | 9 27 | 0 35 | 11 57 | 1 43 | 19 11 | 0 44 | 15 49 | 0 42 | 4 3 | 1 1 | 4 39 | 2 15 | 23 35 | 0 13 | 19 0 | 0 25 | 16 57 | 6 20 | 7 39 | 7 39 | 17 53 | 2 54 | 4 16 |
| M 3 | 7 39 | 5 12 | 0n45 | 11 15 | 1 45 | 19 0 | 0 41 | 16 2 | 0 42 | 3 58 | 1 1 | 4 40 | 2 15 | 23 35 | 0 13 | 19 0 | 0 25 | 16 56 | 6 20 | 7 39 | 7 40 | 17 53 | 2 53 | 4 16 |
| T 4 | 7 17 | 0 45 | 2 1 | 10 31 | 1 46 | 18 47 | 0 37 | 16 14 | 0 43 | 3 53 | 1 1 | 4 42 | 2 15 | 23 35 | 0 13 | 18 59 | 0 25 | 16 56 | 6 20 | 7 39 | 7 42 | 17 52 | 2 52 | 4 16 |
| W 5 | 6 55 | 3s38 | 3 8 | 9 47 | 1 46 | 18 35 | 0 33 | 16 27 | 0 44 | 3 48 | 1 1 | 4 44 | 2 16 | 23 35 | 0 13 | 18 59 | 0 25 | 16 56 | 6 20 | 7 39 | 7 43 | 17 52 | 2 51 | 4 16 |
| T 6 | 6 33 | 7 42 | 4 2 | 9 2 | 1 46 | 18 21 | 0 30 | 16 39 | 0 44 | 3 43 | 1 1 | 4 46 | 2 16 | 23 35 | 0 13 | 18 58 | 0 25 | 16 56 | 6 20 | 7 40 | 7 44 | 17 51 | 2 49 | 4 16 |
| F 7 | 6 10 | 11 16 | 4 42 | 8 16 | 1 45 | 18 7 | 0 26 | 16 51 | 0 45 | 3 38 | 1 1 | 4 48 | 2 16 | 23 35 | 0 13 | 18 58 | 0 25 | 16 56 | 6 20 | 7 40 | 7 45 | 17 51 | 2 48 | 4 16 |
| S 8 | 5 48 | 14 12 | 5 7 | 7 30 | 1 43 | 17 53 | 0 23 | 17 3 | 0 46 | 3 33 | 1 1 | 4 50 | 2 16 | 23 35 | 0 13 | 18 58 | 0 25 | 16 56 | 6 20 | 7 40 | 7 46 | 17 50 | 2 47 | 4 16 |
| S 9 | 5 26 | 16 25 | 5 17 | 6 43 | 1 41 | 17 38 | 0 19 | 17 15 | 0 46 | 3 28 | 1 1 | 4 52 | 2 16 | 23 35 | 0 13 | 18 57 | 0 25 | 16 56 | 6 20 | 7 40 | 7 48 | 17 50 | 2 46 | 4 16 |
| M10 | 5 3 | 17 51 | 5 12 | 5 55 | 1 38 | 17 23 | 0 16 | 17 27 | 0 47 | 3 22 | 1 1 | 4 53 | 2 16 | 23 35 | 0 13 | 18 57 | 0 25 | 16 56 | 6 20 | 7 40 | 7 49 | 17 49 | 2 45 | 4 16 |
| T 11 | 4 41 | 18 28 | 4 54 | 5 8 | 1 35 | 17 7 | 0 12 | 17 39 | 0 47 | 3 17 | 1 1 | 4 55 | 2 16 | 23 35 | 0 13 | 18 56 | 0 25 | 16 56 | 6 20 | 7 40 | 7 50 | 17 49 | 2 44 | 4 16 |
| W12 | 4 18 | 18 15 | 4 24 | 4 20 | 1 31 | 16 51 | 0 9 | 17 51 | 0 48 | 3 12 | 1 1 | 4 57 | 2 16 | 23 35 | 0 13 | 18 56 | 0 25 | 16 56 | 6 20 | 7 40 | 7 51 | 17 49 | 2 43 | 4 15 |
| T 13 | 3 55 | 17 15 | 3 42 | 3 32 | 1 27 | 16 34 | 0 5 | 18 2 | 0 49 | 3 7 | 1 1 | 4 59 | 2 16 | 23 35 | 0 13 | 18 56 | 0 25 | 16 55 | 6 20 | 7 39 | 7 52 | 17 48 | 2 41 | 4 15 |
| F 14 | 3 32 | 15 29 | 2 50 | 2 44 | 1 22 | 16 17 | 0 2 | 18 14 | 0 49 | 3 2 | 1 1 | 5 1 | 2 16 | 23 35 | 0 13 | 18 55 | 0 25 | 16 55 | 6 21 | 7 39 | 7 54 | 17 48 | 2 40 | 4 15 |
| S 15 | 3 9 | 13 1 | 1 51 | 1 56 | 1 17 | 15 59 | 0n 2 | 18 25 | 0 50 | 2 57 | 1 1 | 5 3 | 2 16 | 23 35 | 0 13 | 18 55 | 0 25 | 16 55 | 6 21 | 7 39 | 7 55 | 17 47 | 2 39 | 4 15 |
| S 16 | 2 46 | 9 58 | 0 45 | 1 9 | 1 12 | 15 41 | 0 5 | 18 36 | 0 50 | 2 52 | 1 1 | 5 5 | 2 16 | 23 35 | 0 13 | 18 54 | 0 25 | 16 55 | 6 21 | 7 38 | 7 56 | 17 47 | 2 38 | 4 15 |
| M17 | 2 23 | 6 25 | 0s23 | 0 21 | 1 6 | 15 23 | 0 8 | 18 47 | 0 51 | 2 47 | 1 1 | 5 7 | 2 16 | 23 35 | 0 13 | 18 54 | 0 25 | 16 55 | 6 21 | 7 38 | 7 57 | 17 46 | 2 37 | 4 15 |
| T 18 | 2 0 | 2 32 | 1 31 | 0s26 | 1 1 | 15 3 | 0 11 | 18 58 | 0 51 | 2 42 | 1 1 | 5 8 | 2 16 | 23 35 | 0 13 | 18 54 | 0 25 | 16 55 | 6 21 | 7 38 | 7 58 | 17 46 | 2 36 | 4 15 |
| W19 | 1 37 | 1n32 | 2 36 | 1 13 | 0 55 | 14 44 | 0 15 | 19 9 | 0 52 | 2 36 | 1 1 | 5 10 | 2 16 | 23 35 | 0 13 | 18 53 | 0 25 | 16 55 | 6 21 | 7 39 | 8 0 | 17 45 | 2 34 | 4 15 |
| T 20 | 1 14 | 5 37 | 3 34 | 2 0 | 0 48 | 14 24 | 0 18 | 19 20 | 0 53 | 2 31 | 1 1 | 5 12 | 2 17 | 23 35 | 0 13 | 18 53 | 0 25 | 16 55 | 6 21 | 7 40 | 8 1 | 17 45 | 2 33 | 4 15 |
| F 21 | 0 51 | 9 28 | 4 22 | 2 46 | 0 42 | 14 4 | 0 21 | 19 31 | 0 53 | 2 26 | 1 1 | 5 14 | 2 17 | 23 35 | 0 13 | 18 53 | 0 25 | 16 55 | 6 21 | 7 41 | 8 2 | 17 44 | 2 32 | 4 15 |
| S 22 | 0 28 | 12 54 | 4 55 | 3 32 | 0 35 | 13 43 | 0 24 | 19 41 | 0 54 | 2 21 | 1 1 | 5 16 | 2 17 | 23 35 | 0 13 | 18 52 | 0 25 | 16 54 | 6 21 | 7 42 | 8 3 | 17 44 | 2 31 | 4 15 |
| S 23 | 0 5 | 15 41 | 5 13 | 4 17 | 0 29 | 13 22 | 0 27 | 19 51 | 0 54 | 2 16 | 1 1 | 5 18 | 2 17 | 23 35 | 0 13 | 18 52 | 0 25 | 16 54 | 6 21 | 7 42 | 8 4 | 17 43 | 2 29 | 4 15 |
| M24 | 0s19 | 17 36 | 5 13 | 5 2 | 0 22 | 13 0 | 0 30 | 20 2 | 0 55 | 2 11 | 1 1 | 5 19 | 2 17 | 23 35 | 0 13 | 18 52 | 0 25 | 16 54 | 6 21 | 7 43 | 8 5 | 17 43 | 2 28 | 4 15 |
| T 25 | 0 42 | 18 29 | 4 54 | 5 46 | 0 15 | 12 38 | 0 33 | 20 12 | 0 55 | 2 6 | 1 2 | 5 21 | 2 17 | 23 35 | 0 13 | 18 51 | 0 25 | 16 54 | 6 22 | 7 43 | 8 7 | 17 42 | 2 27 | 4 15 |
| W26 | 1 5 | 18 13 | 4 17 | 6 30 | 0 7 | 12 16 | 0 36 | 20 22 | 0 56 | 2 1 | 1 2 | 5 23 | 2 17 | 23 35 | 0 13 | 18 51 | 0 25 | 16 54 | 6 22 | 7 43 | 8 8 | 17 42 | 2 26 | 4 14 |
| T 27 | 1 28 | 16 47 | 3 24 | 7 13 | 0 0 | 11 54 | 0 39 | 20 32 | 0 56 | 1 56 | 1 2 | 5 25 | 2 17 | 23 35 | 0 13 | 18 51 | 0 25 | 16 54 | 6 22 | 7 42 | 8 9 | 17 41 | 2 25 | 4 14 |
| F 28 | 1 52 | 14 18 | 2 18 | 7 56 | 0s 7 | 11 31 | 0 42 | 20 41 | 0 57 | 1 50 | 1 2 | 5 26 | 2 17 | 23 35 | 0 13 | 18 50 | 0 25 | 16 54 | 6 22 | 7 42 | 8 10 | 17 41 | 2 23 | 4 14 |
| S 29 | 2 15 | 10 55 | 1 4 | 8 38 | 0 14 | 11 7 | 0 44 | 20 51 | 0 57 | 1 45 | 1 2 | 5 28 | 2 17 | 23 35 | 0 13 | 18 50 | 0 25 | 16 54 | 6 22 | 7 42 | 8 11 | 17 40 | 2 22 | 4 14 |
| S 30 | 2s38 | 6n54 | 0n15 | 9s20 | 0s22 | 10n44 | 0n47 | 21s 0 | 0s58 | 1n40 | 1n 2 | 5s30 | 2s17 | 23s35 | 0s13 | 18n50 | 0s25 | 16n54 | 6s22 | 7n41 | 8n13 | 17s40 | 2n21 | 4n14 |

Julian Day Number = 2600441.5, Delta T = 09m00s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'23, Lahiri = 29°33'24


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## OCTOBER 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 37 55 | 7♎37'35 | 27♍ 7 | 24♎43 | 5♍16 | 0♐30 | 28♍23 | 21°R19 | 28♐57 | 3♑55 | 5♋52 | 10°R17 | 8♍51 | 24♉14 | 26°R 4 | M 1 |
| T 2 | 0 41 52 | 8°36'22 | 11♎ 4 | 26°14 | 6°28 | 1°11 | 28°36 | 21♓15 | 28°59 | 3°56 | 5°52 | 10♍15 | 8°48 | 24°21 | 26♓ 1 | T 2 |
| W 3 | 0 45 48 | 9°35'12 | 24°45 | 27°44 | 7°41 | 1°53 | 28°49 | 21°11 | 29° 0 | 3°57 | 5°52 | 10°11 | 8°45 | 24°27 | 25°59 | W 3 |
| T 4 | 0 49 45 | 10°34'03 | 8♏ 7 | 29°14 | 8°53 | 2°34 | 29° 2 | 21° 7 | 29° 1 | 3°58 | 5°52 | 10° 6 | 8°42 | 24°34 | 25°56 | T 4 |
| F 5 | 0 53 41 | 11°32'56 | 21° 9 | 0♏42 | 10° 6 | 3°16 | 29°14 | 21° 2 | 29° 3 | 3°59 | 5°52 | 10° 1 | 8°39 | 24°41 | 25°53 | F 5 |
| S 6 | 0 57 38 | 12°31'51 | 3♐51 | 2°10 | 11°19 | 3°57 | 29°27 | 20°58 | 29° 4 | 4° 1 | 5°R52 | 9°56 | 8°36 | 24°47 | 25°50 | S 6 |
| S 7 | 1 1 35 | 13°30'48 | 16°15 | 3°36 | 12°32 | 4°39 | 29°40 | 20°54 | 29° 6 | 4° 2 | 5°52 | 9°52 | 8°32 | 24°54 | 25°48 | S 7 |
| M 8 | 1 5 31 | 14°29'46 | 28°25 | 5° 1 | 13°45 | 5°21 | 29°53 | 20°50 | 29° 7 | 4° 3 | 5°52 | 9°49 | 8°29 | 25° 1 | 25°45 | M 8 |
| T 9 | 1 9 28 | 15°28'46 | 10♑23 | 6°26 | 14°57 | 6° 3 | 0♎ 6 | 20°46 | 29° 9 | 4° 4 | 5°52 | 9°D48 | 8°26 | 25° 7 | 25°42 | T 9 |
| W10 | 1 13 24 | 16°27'48 | 22°15 | 7°49 | 16°10 | 6°45 | 0°18 | 20°42 | 29°10 | 4° 4 | 5°52 | 9°48 | 8°23 | 25°14 | 25°40 | W10 |
| T 11 | 1 17 21 | 17°26'52 | 4♒ 5 | 9°11 | 17°24 | 7°27 | 0°31 | 20°38 | 29°12 | 4° 5 | 5°52 | 9°49 | 8°20 | 25°21 | 25°37 | T 11 |
| F 12 | 1 21 17 | 18°25'57 | 16° 0 | 10°33 | 18°37 | 8°10 | 0°44 | 20°35 | 29°14 | 4° 6 | 5°52 | 9°50 | 8°17 | 25°27 | 25°34 | F 12 |
| S 13 | 1 25 14 | 19°25'04 | 28° 3 | 11°53 | 19°50 | 8°52 | 0°56 | 20°31 | 29°15 | 4° 7 | 5°52 | 9°52 | 8°13 | 25°34 | 25°32 | S 13 |
| S 14 | 1 29 10 | 20°24'13 | 10♓18 | 13°11 | 21° 3 | 9°34 | 1° 9 | 20°27 | 29°17 | 4° 8 | 5°51 | 9°R53 | 8°10 | 25°41 | 25°29 | S 14 |
| M15 | 1 33 7 | 21°23'24 | 22°50 | 14°29 | 22°16 | 10°17 | 1°22 | 20°24 | 29°19 | 4° 9 | 5°51 | 9°52 | 8° 7 | 25°47 | 25°27 | M15 |
| T 16 | 1 37 3 | 22°22'36 | 5♈41 | 15°45 | 23°30 | 10°59 | 1°34 | 20°20 | 29°21 | 4° 9 | 5°51 | 9°49 | 8° 4 | 25°54 | 25°24 | T 16 |
| W17 | 1 41 0 | 23°21'51 | 18°50 | 17° 0 | 24°43 | 11°42 | 1°47 | 20°17 | 29°23 | 4°10 | 5°51 | 9°44 | 8° 1 | 26° 1 | 25°22 | W17 |
| T 18 | 1 44 57 | 24°21'07 | 2♉18 | 18°13 | 25°57 | 12°25 | 1°59 | 20°13 | 29°25 | 4°11 | 5°51 | 9°38 | 7°57 | 26° 7 | 25°19 | T 18 |
| F 19 | 1 48 53 | 25°20'26 | 16° 3 | 19°25 | 27°10 | 13° 7 | 2°12 | 20°10 | 29°27 | 4°11 | 5°50 | 9°30 | 7°54 | 26°14 | 25°17 | F 19 |
| S 20 | 1 52 50 | 26°19'47 | 0♊ 0 | 20°35 | 28°24 | 13°50 | 2°24 | 20° 7 | 29°29 | 4°12 | 5°50 | 9°22 | 7°51 | 26°21 | 25°15 | S 20 |
| S 21 | 1 56 46 | 27°19'10 | 14° 6 | 21°43 | 29°38 | 14°33 | 2°37 | 20° 3 | 29°31 | 4°13 | 5°50 | 9°15 | 7°48 | 26°28 | 25°12 | S 21 |
| M22 | 2 0 43 | 28°18'35 | 28°17 | 22°49 | 0♎51 | 15°16 | 2°49 | 20° 0 | 29°33 | 4°13 | 5°49 | 9°10 | 7°45 | 26°34 | 25°10 | M22 |
| T 23 | 2 4 39 | 29°18'03 | 12♋30 | 23°53 | 2° 5 | 15°59 | 3° 1 | 19°57 | 29°35 | 4°14 | 5°49 | 9° 7 | 7°42 | 26°41 | 25° 8 | T 23 |
| W24 | 2 8 36 | 0♏17'33 | 26°40 | 24°54 | 3°19 | 16°43 | 3°13 | 19°54 | 29°38 | 4°14 | 5°49 | 9°D 5 | 7°38 | 26°48 | 25° 5 | W24 |
| T 25 | 2 12 32 | 1°17'05 | 10♌48 | 25°52 | 4°33 | 17°26 | 3°26 | 19°51 | 29°40 | 4°15 | 5°48 | 9° 6 | 7°35 | 26°54 | 25° 3 | T 25 |
| F 26 | 2 16 29 | 2°16'39 | 24°50 | 26°48 | 5°47 | 18° 9 | 3°38 | 19°49 | 29°42 | 4°15 | 5°48 | 9° 7 | 7°32 | 27° 1 | 25° 1 | F 26 |
| S 27 | 2 20 26 | 3°16'16 | 8♍47 | 27°40 | 7° 1 | 18°53 | 3°50 | 19°46 | 29°45 | 4°16 | 5°47 | 9°R 7 | 7°29 | 27° 8 | 24°59 | S 27 |
| S 28 | 2 24 22 | 4°15'55 | 22°38 | 28°29 | 8°15 | 19°36 | 4° 2 | 19°43 | 29°47 | 4°16 | 5°47 | 9° 6 | 7°26 | 27°14 | 24°57 | S 28 |
| M29 | 2 28 19 | 5°15'36 | 6♎21 | 29°14 | 9°29 | 20°20 | 4°14 | 19°41 | 29°49 | 4°16 | 5°46 | 9° 3 | 7°22 | 27°21 | 24°55 | M29 |
| T 30 | 2 32 15 | 6°15'19 | 19°54 | 29°55 | 10°43 | 21° 4 | 4°26 | 19°38 | 29°52 | 4°16 | 5°46 | 8°58 | 7°19 | 27°28 | 24°53 | T 30 |
| W31 | 2 36 12 | 7♏15'04 | 3♏15 | 0♐30 | 11♎57 | 21♐47 | 4♎38 | 19♓36 | 29♐54 | 4♑17 | 5♋45 | 8♍49 | 7♍16 | 27♉34 | 24♓51 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s 1 | 2n32 | 1n31 | 10s 0 | 0s29 | 10n20 | 0n50 | 21s 9 | 0s58 | 1n35 | 1n 2 | 5s31 | 2s17 | 23s35 | 0s13 | 18n50 | 0s25 | 16n53 | 6s22 | 7n42 | 8n14 | 17s39 | 2n20 | 4n14 |
| T 2 | 3 24 | 1s54 | 2 41 | 10 41 | 0 37 | 9 55 | 0 52 | 21 18 | 0 59 | 1 30 | 1 2 | 5 33 | 2 17 | 23 35 | 0 13 | 18 49 | 0 25 | 16 53 | 6 22 | 7 43 | 8 15 | 17 39 | 2 18 | 4 14 |
| W 3 | 3 47 | 6 9 | 3 40 | 11 20 | 0 44 | 9 31 | 0 55 | 21 27 | 0 59 | 1 25 | 1 2 | 5 35 | 2 16 | 23 35 | 0 13 | 18 49 | 0 25 | 16 53 | 6 22 | 7 44 | 8 16 | 17 38 | 2 17 | 4 14 |
| T 4 | 4 10 | 10 0 | 4 25 | 11 59 | 0 52 | 9 6 | 0 57 | 21 36 | 0 59 | 1 20 | 1 2 | 5 36 | 2 16 | 23 35 | 0 13 | 18 49 | 0 25 | 16 53 | 6 22 | 7 46 | 8 17 | 17 38 | 2 16 | 4 13 |
| F 5 | 4 33 | 13 15 | 4 55 | 12 37 | 0 59 | 8 41 | 0 59 | 21 44 | 1 0 | 1 15 | 1 2 | 5 38 | 2 16 | 23 35 | 0 13 | 18 48 | 0 25 | 16 53 | 6 23 | 7 48 | 8 19 | 17 37 | 2 15 | 4 13 |
| S 6 | 4 56 | 15 47 | 5 10 | 13 14 | 1 6 | 8 15 | 1 2 | 21 53 | 1 0 | 1 10 | 1 2 | 5 40 | 2 16 | 23 35 | 0 13 | 18 48 | 0 25 | 16 53 | 6 23 | 7 50 | 8 20 | 17 37 | 2 13 | 4 13 |
| S 7 | 5 19 | 17 32 | 5 10 | 13 51 | 1 14 | 7 50 | 1 4 | 22 1 | 1 1 | 1 5 | 1 2 | 5 41 | 2 16 | 23 35 | 0 13 | 18 48 | 0 25 | 16 53 | 6 23 | 7 51 | 8 21 | 17 36 | 2 12 | 4 13 |
| M 8 | 5 42 | 18 27 | 4 56 | 14 26 | 1 21 | 7 24 | 1 6 | 22 9 | 1 1 | 1 0 | 1 2 | 5 43 | 2 16 | 23 35 | 0 13 | 18 48 | 0 25 | 16 53 | 6 23 | 7 52 | 8 22 | 17 35 | 2 11 | 4 13 |
| T 9 | 6 5 | 18 31 | 4 29 | 15 1 | 1 28 | 6 58 | 1 8 | 22 17 | 1 2 | 0 55 | 1 2 | 5 44 | 2 16 | 23 35 | 0 13 | 18 48 | 0 25 | 16 53 | 6 23 | 7 53 | 8 23 | 17 35 | 2 10 | 4 13 |
| W10 | 6 27 | 17 45 | 3 51 | 15 35 | 1 35 | 6 31 | 1 10 | 22 24 | 1 2 | 0 50 | 1 2 | 5 46 | 2 16 | 23 35 | 0 13 | 18 47 | 0 25 | 16 53 | 6 23 | 7 53 | 8 25 | 17 34 | 2 9 | 4 13 |
| T 11 | 6 50 | 16 14 | 3 3 | 16 8 | 1 42 | 6 5 | 1 12 | 22 32 | 1 2 | 0 45 | 1 2 | 5 47 | 2 16 | 23 35 | 0 13 | 18 47 | 0 25 | 16 53 | 6 23 | 7 52 | 8 26 | 17 34 | 2 7 | 4 12 |
| F 12 | 7 13 | 14 0 | 2 6 | 16 41 | 1 49 | 5 38 | 1 14 | 22 39 | 1 3 | 0 40 | 1 3 | 5 49 | 2 16 | 23 35 | 0 13 | 18 47 | 0 25 | 16 52 | 6 23 | 7 52 | 8 27 | 17 33 | 2 6 | 4 12 |
| S 13 | 7 35 | 11 7 | 1 4 | 17 12 | 1 56 | 5 11 | 1 16 | 22 46 | 1 3 | 0 35 | 1 3 | 5 50 | 2 16 | 23 36 | 0 13 | 18 47 | 0 25 | 16 52 | 6 23 | 7 51 | 8 28 | 17 33 | 2 5 | 4 12 |
| S 14 | 7 57 | 7 43 | 0s 2 | 17 42 | 2 2 | 4 44 | 1 18 | 22 53 | 1 4 | 0 30 | 1 3 | 5 51 | 2 16 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 23 | 7 51 | 8 29 | 17 32 | 2 4 | 4 12 |
| M15 | 8 19 | 3 54 | 1 10 | 18 12 | 2 9 | 4 16 | 1 19 | 23 0 | 1 4 | 0 25 | 1 3 | 5 53 | 2 16 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 23 | 7 51 | 8 30 | 17 32 | 2 3 | 4 12 |
| T 16 | 8 41 | 0n11 | 2 15 | 18 40 | 2 15 | 3 49 | 1 21 | 23 6 | 1 4 | 0 20 | 1 3 | 5 54 | 2 16 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 24 | 7 52 | 8 32 | 17 31 | 2 2 | 4 11 |
| W17 | 9 3 | 4 21 | 3 15 | 19 7 | 2 21 | 3 21 | 1 22 | 23 12 | 1 5 | 0 15 | 1 3 | 5 55 | 2 16 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 24 | 7 54 | 8 33 | 17 30 | 2 0 | 4 11 |
| T 18 | 9 25 | 8 24 | 4 5 | 19 34 | 2 27 | 2 53 | 1 24 | 23 18 | 1 5 | 0 11 | 1 3 | 5 57 | 2 15 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 24 | 7 57 | 8 34 | 17 30 | 1 59 | 4 11 |
| F 19 | 9 47 | 12 5 | 4 42 | 19 59 | 2 32 | 2 26 | 1 25 | 23 24 | 1 5 | 0 6 | 1 3 | 5 58 | 2 15 | 23 36 | 0 13 | 18 46 | 0 25 | 16 52 | 6 24 | 7 59 | 8 35 | 17 29 | 1 58 | 4 11 |
| S 20 | 10 8 | 15 9 | 5 4 | 20 23 | 2 37 | 1 58 | 1 27 | 23 30 | 1 6 | 0 1 | 1 3 | 5 59 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 52 | 6 24 | 8 2 | 8 36 | 17 29 | 1 57 | 4 11 |
| S 21 | 10 30 | 17 22 | 5 6 | 20 46 | 2 42 | 1 29 | 1 28 | 23 35 | 1 6 | 0s 4 | 1 3 | 6 0 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 52 | 6 24 | 8 5 | 8 38 | 17 28 | 1 56 | 4 10 |
| M22 | 10 51 | 18 32 | 4 51 | 21 7 | 2 47 | 1 1 | 1 29 | 23 40 | 1 6 | 0 9 | 1 3 | 6 1 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 52 | 6 24 | 8 7 | 8 39 | 17 28 | 1 55 | 4 10 |
| T 23 | 11 12 | 18 32 | 4 17 | 21 27 | 2 51 | 0 33 | 1 30 | 23 45 | 1 7 | 0 14 | 1 3 | 6 2 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 52 | 6 24 | 8 8 | 8 40 | 17 27 | 1 54 | 4 10 |
| W24 | 11 33 | 17 22 | 3 28 | 21 46 | 2 54 | 0 5 | 1 31 | 23 50 | 1 7 | 0 18 | 1 4 | 6 3 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 51 | 6 24 | 8 9 | 8 41 | 17 26 | 1 53 | 4 10 |
| T 25 | 11 54 | 15 8 | 2 26 | 22 3 | 2 58 | 0s24 | 1 32 | 23 54 | 1 7 | 0 23 | 1 4 | 6 4 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 51 | 6 24 | 8 9 | 8 42 | 17 26 | 1 52 | 4 10 |
| F 26 | 12 14 | 12 1 | 1 16 | 22 19 | 3 0 | 0 52 | 1 33 | 23 59 | 1 8 | 0 28 | 1 4 | 6 5 | 2 15 | 23 36 | 0 13 | 18 45 | 0 25 | 16 51 | 6 24 | 8 8 | 8 43 | 17 25 | 1 51 | 4 9 |
| S 27 | 12 35 | 8 14 | 0 2 | 22 34 | 3 3 | 1 21 | 1 34 | 24 3 | 1 8 | 0 33 | 1 4 | 6 6 | 2 14 | 23 36 | 0 13 | 18 45 | 0 25 | 16 51 | 6 25 | 8 8 | 8 45 | 17 25 | 1 49 | 4 9 |
| S 28 | 12 55 | 4 1 | 1n12 | 22 46 | 3 4 | 1 49 | 1 34 | 24 7 | 1 8 | 0 37 | 1 4 | 6 7 | 2 14 | 23 36 | 0 13 | 18 45 | 0 25 | 16 51 | 6 25 | 8 8 | 8 46 | 17 24 | 1 48 | 4 9 |
| M29 | 13 15 | 0s22 | 2 21 | 22 57 | 3 5 | 2 18 | 1 35 | 24 10 | 1 8 | 0 42 | 1 4 | 6 8 | 2 14 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 9 | 8 47 | 17 23 | 1 47 | 4 9 |
| T 30 | 13 34 | 4 40 | 3 20 | 23 6 | 3 5 | 2 46 | 1 35 | 24 14 | 1 9 | 0 47 | 1 4 | 6 9 | 2 14 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 12 | 8 48 | 17 23 | 1 46 | 4 8 |
| W31 | 13s54 | 8s41 | 4n 8 | 23s13 | 3s 5 | 3s15 | 1n36 | 24s17 | 1s 9 | 0s51 | 1n 4 | 6s10 | 2s14 | 23s36 | 0s13 | 18n44 | 0s25 | 16n51 | 6s25 | 8n15 | 8n49 | 17s22 | 1n45 | 4n 8 |

Julian Day Number = 2600471.5, Delta T = 09m01s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'27, Lahiri = 29°33'28


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## NOVEMBER 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 40 8 | 8♏14'51 | 16♏22 | 1♐ 1 | 13♎12 | 22♐31 | 4♎50 | 19°R34 | 29♐57 | 4♑17 | 5°R45 | 8°R39 | 7♍13 | 27♉41 | 24°R49 | T 1 |
| F 2 | 2 44 5 | 9°14'41 | 29°14 | 1°25 | 14°26 | 23°15 | 5° 2 | 19♓32 | 29°59 | 4°17 | 5♋44 | 8♍28 | 7°10 | 27°48 | 24♓47 | F 2 |
| S 3 | 2 48 1 | 10°14'32 | 11♐50 | 1°43 | 15°40 | 23°59 | 5°13 | 19°30 | 0♉ 2 | 4°17 | 5°44 | 8°17 | 7° 7 | 27°54 | 24°46 | S 3 |
| S 4 | 2 51 58 | 11°14'24 | 24°11 | 1°54 | 16°55 | 24°43 | 5°25 | 19°28 | 0° 5 | 4°17 | 5°43 | 8° 7 | 7° 3 | 28° 1 | 24°44 | S 4 |
| M 5 | 2 55 55 | 12°14'19 | 6♉18 | 1°R57 | 18° 9 | 25°27 | 5°37 | 19°26 | 0° 8 | 4°17 | 5°42 | 7°59 | 7° 0 | 28° 8 | 24°42 | M 5 |
| T 6 | 2 59 51 | 13°14'15 | 18°14 | 1°52 | 19°24 | 26°12 | 5°48 | 19°24 | 0°10 | 4°18 | 5°42 | 7°53 | 6°57 | 28°14 | 24°40 | T 6 |
| W 7 | 3 3 48 | 14°14'13 | 0♒ 5 | 1°38 | 20°38 | 26°56 | 6° 0 | 19°22 | 0°13 | 4°R18 | 5°41 | 7°50 | 6°54 | 28°21 | 24°39 | W 7 |
| T 8 | 3 7 44 | 15°14'13 | 11°54 | 1°15 | 21°53 | 27°40 | 6°11 | 19°21 | 0°16 | 4°18 | 5°40 | 7°D49 | 6°51 | 28°28 | 24°37 | T 8 |
| F 9 | 3 11 41 | 16°14'14 | 23°47 | 0°43 | 23° 7 | 28°25 | 6°22 | 19°19 | 0°19 | 4°17 | 5°40 | 7°49 | 6°48 | 28°34 | 24°36 | F 9 |
| S 10 | 3 15 37 | 17°14'16 | 5♓48 | 0° 0 | 24°22 | 29° 9 | 6°34 | 19°18 | 0°22 | 4°17 | 5°39 | 7°R49 | 6°44 | 28°41 | 24°34 | S 10 |
| S 11 | 3 19 34 | 18°14'20 | 18° 5 | 29♏ 9 | 25°36 | 29°54 | 6°45 | 19°16 | 0°25 | 4°17 | 5°38 | 7°49 | 6°41 | 28°48 | 24°33 | S 11 |
| M12 | 3 23 30 | 19°14'26 | 0♈41 | 28° 9 | 26°51 | 0♉38 | 6°56 | 19°15 | 0°27 | 4°17 | 5°38 | 7°47 | 6°38 | 28°54 | 24°32 | M12 |
| T 13 | 3 27 27 | 20°14'33 | 13°39 | 27° 1 | 28° 6 | 1°23 | 7° 7 | 19°14 | 0°30 | 4°17 | 5°37 | 7°42 | 6°35 | 29° 1 | 24°30 | T 13 |
| W14 | 3 31 24 | 21°14'42 | 27° 3 | 25°48 | 29°20 | 2° 8 | 7°18 | 19°13 | 0°33 | 4°17 | 5°36 | 7°34 | 6°32 | 29° 8 | 24°29 | W14 |
| T 15 | 3 35 20 | 22°14'53 | 10♉50 | 24°30 | 0♏35 | 2°52 | 7°29 | 19°12 | 0°36 | 4°16 | 5°35 | 7°25 | 6°28 | 29°14 | 24°28 | T 15 |
| F 16 | 3 39 17 | 23°15'05 | 25° 0 | 23°10 | 1°50 | 3°37 | 7°40 | 19°11 | 0°40 | 4°16 | 5°34 | 7°13 | 6°25 | 29°21 | 24°27 | F 16 |
| S 17 | 3 43 13 | 24°15'19 | 9♊25 | 21°52 | 3° 5 | 4°22 | 7°51 | 19°11 | 0°43 | 4°16 | 5°34 | 7° 1 | 6°22 | 29°28 | 24°26 | S 17 |
| S 18 | 3 47 10 | 25°15'35 | 24° 0 | 20°36 | 4°19 | 5° 7 | 8° 1 | 19°10 | 0°46 | 4°15 | 5°33 | 6°50 | 6°19 | 29°34 | 24°25 | S 18 |
| M19 | 3 51 6 | 26°15'53 | 8♋37 | 19°26 | 5°34 | 5°52 | 8°12 | 19°10 | 0°49 | 4°15 | 5°32 | 6°41 | 6°16 | 29°41 | 24°24 | M19 |
| T 20 | 3 55 3 | 27°16'12 | 23° 9 | 18°24 | 6°49 | 6°37 | 8°23 | 19° 9 | 0°52 | 4°15 | 5°31 | 6°35 | 6°13 | 29°48 | 24°23 | T 20 |
| W21 | 3 58 59 | 28°16'34 | 7♌32 | 17°32 | 8° 4 | 7°23 | 8°33 | 19° 9 | 0°55 | 4°14 | 5°30 | 6°32 | 6° 9 | 29°54 | 24°22 | W21 |
| T 22 | 4 2 56 | 29°16'57 | 21°43 | 16°51 | 9°19 | 8° 8 | 8°43 | 19° 9 | 0°58 | 4°14 | 5°29 | 6°31 | 6° 6 | 0♒ 1 | 24°21 | T 22 |
| F 23 | 4 6 53 | 0♐17'23 | 5♍40 | 16°21 | 10°34 | 8°53 | 8°54 | 19°D 9 | 1° 2 | 4°13 | 5°28 | 6°31 | 6° 3 | 0° 8 | 24°20 | F 23 |
| S 24 | 4 10 49 | 1°17'50 | 19°24 | 16° 2 | 11°49 | 9°38 | 9° 4 | 19° 9 | 1° 5 | 4°13 | 5°27 | 6°30 | 6° 0 | 0°14 | 24°20 | S 24 |
| S 25 | 4 14 46 | 2°18'19 | 2♎56 | 15°D55 | 13° 4 | 10°24 | 9°14 | 19° 9 | 1° 8 | 4°12 | 5°26 | 6°28 | 5°57 | 0°21 | 24°19 | S 25 |
| M26 | 4 18 42 | 3°18'50 | 16°16 | 16° 0 | 14°19 | 11° 9 | 9°24 | 19° 9 | 1°12 | 4°11 | 5°25 | 6°24 | 5°54 | 0°28 | 24°18 | M26 |
| T 27 | 4 22 39 | 4°19'22 | 29°25 | 16°15 | 15°34 | 11°55 | 9°34 | 19°10 | 1°15 | 4°11 | 5°24 | 6°16 | 5°50 | 0°34 | 24°18 | T 27 |
| W28 | 4 26 35 | 5°19'56 | 12♏24 | 16°39 | 16°49 | 12°40 | 9°43 | 19°10 | 1°18 | 4°10 | 5°23 | 6° 6 | 5°47 | 0°41 | 24°17 | W28 |
| T 29 | 4 30 32 | 6°20'32 | 25°11 | 17°12 | 18° 4 | 13°26 | 9°53 | 19°11 | 1°22 | 4° 9 | 5°22 | 5°53 | 5°44 | 0°48 | 24°17 | T 29 |
| F 30 | 4 34 28 | 7♐21'09 | 7♐47 | 17♏53 | 19♏20 | 14♉12 | 10♎ 3 | 19♓12 | 1♉25 | 4♑ 9 | 5♋21 | 5♍39 | 5♍41 | 0♒54 | 24♓17 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s13 | 12s12 | 4n41 | 23s18 | 3s 3 | 3s43 | 1n36 | 24s19 | 1s 9 | 0s56 | 1n 4 | 6s11 | 2s14 | 23s36 | 0s13 | 18n44 | 0s25 | 16n51 | 6s25 | 8n18 | 8n50 | 17s22 | 1n44 | 4n 8 |
| F 2 | 14 32 | 15 4 | 5 0 | 23 20 | 3 0 | 4 12 | 1 37 | 24 22 | 1 9 | 1 0 | 1 5 | 6 11 | 2 14 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 23 | 8 52 | 17 21 | 1 43 | 4 8 |
| S 3 | 14 51 | 17 9 | 5 3 | 23 20 | 2 57 | 4 40 | 1 37 | 24 24 | 1 10 | 1 5 | 1 5 | 6 12 | 2 14 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 27 | 8 53 | 17 20 | 1 43 | 4 7 |
| S 4 | 15 10 | 18 24 | 4 52 | 23 18 | 2 52 | 5 8 | 1 37 | 24 27 | 1 10 | 1 9 | 1 5 | 6 13 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 30 | 8 54 | 17 20 | 1 42 | 4 7 |
| M 5 | 15 28 | 18 46 | 4 28 | 23 12 | 2 46 | 5 36 | 1 37 | 24 28 | 1 10 | 1 14 | 1 5 | 6 13 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 33 | 8 55 | 17 19 | 1 41 | 4 7 |
| T 6 | 15 47 | 18 18 | 3 52 | 23 4 | 2 38 | 6 4 | 1 37 | 24 30 | 1 10 | 1 18 | 1 5 | 6 14 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 36 | 8 56 | 17 18 | 1 40 | 4 7 |
| W 7 | 16 4 | 17 2 | 3 7 | 22 52 | 2 29 | 6 32 | 1 37 | 24 31 | 1 11 | 1 23 | 1 5 | 6 14 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 37 | 8 58 | 17 18 | 1 39 | 4 6 |
| T 8 | 16 22 | 15 3 | 2 14 | 22 37 | 2 18 | 7 0 | 1 37 | 24 33 | 1 11 | 1 27 | 1 5 | 6 15 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 37 | 8 59 | 17 17 | 1 38 | 4 6 |
| F 9 | 16 39 | 12 24 | 1 14 | 22 18 | 2 6 | 7 28 | 1 37 | 24 33 | 1 11 | 1 31 | 1 5 | 6 15 | 2 13 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 25 | 8 37 | 9 0 | 17 16 | 1 37 | 4 6 |
| S 10 | 16 56 | 9 12 | 0 11 | 21 55 | 1 51 | 7 56 | 1 36 | 24 34 | 1 11 | 1 36 | 1 6 | 6 16 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 26 | 8 37 | 9 1 | 17 16 | 1 36 | 4 6 |
| S 11 | 17 13 | 5 32 | 0s54 | 21 29 | 1 36 | 8 23 | 1 36 | 24 34 | 1 11 | 1 40 | 1 6 | 6 16 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 26 | 8 37 | 9 2 | 17 15 | 1 36 | 4 5 |
| M12 | 17 30 | 1 32 | 1 58 | 20 59 | 1 18 | 8 50 | 1 36 | 24 34 | 1 11 | 1 44 | 1 6 | 6 16 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 26 | 8 38 | 9 3 | 17 15 | 1 35 | 4 5 |
| T 13 | 17 46 | 2n38 | 2 58 | 20 25 | 1 0 | 9 17 | 1 35 | 24 34 | 1 12 | 1 49 | 1 6 | 6 17 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 26 | 8 40 | 9 5 | 17 14 | 1 34 | 4 5 |
| W14 | 18 2 | 6 49 | 3 50 | 19 49 | 0 40 | 9 44 | 1 35 | 24 34 | 1 12 | 1 53 | 1 6 | 6 17 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 51 | 6 26 | 8 43 | 9 6 | 17 13 | 1 33 | 4 4 |
| T 15 | 18 17 | 10 46 | 4 30 | 19 10 | 0 20 | 10 11 | 1 34 | 24 33 | 1 12 | 1 57 | 1 6 | 6 17 | 2 12 | 23 36 | 0 13 | 18 44 | 0 25 | 16 50 | 6 26 | 8 46 | 9 7 | 17 13 | 1 33 | 4 4 |
| F 16 | 18 33 | 14 12 | 4 54 | 18 31 | 0n 1 | 10 37 | 1 33 | 24 32 | 1 12 | 2 1 | 1 6 | 6 17 | 2 11 | 23 36 | 0 13 | 18 44 | 0 25 | 16 50 | 6 26 | 8 50 | 9 8 | 17 12 | 1 32 | 4 4 |
| S 17 | 18 47 | 16 51 | 5 1 | 17 51 | 0 21 | 11 4 | 1 32 | 24 31 | 1 12 | 2 5 | 1 7 | 6 17 | 2 11 | 23 36 | 0 13 | 18 44 | 0 25 | 16 50 | 6 26 | 8 55 | 9 9 | 17 11 | 1 31 | 4 4 |
| S 18 | 19 2 | 18 27 | 4 48 | 17 12 | 0 41 | 11 30 | 1 32 | 24 29 | 1 12 | 2 9 | 1 7 | 6 17 | 2 11 | 23 36 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 8 59 | 9 10 | 17 11 | 1 31 | 4 3 |
| M19 | 19 16 | 18 51 | 4 16 | 16 35 | 1 0 | 11 55 | 1 31 | 24 28 | 1 12 | 2 13 | 1 7 | 6 17 | 2 11 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 2 | 9 12 | 17 10 | 1 30 | 4 3 |
| T 20 | 19 30 | 17 59 | 3 28 | 16 2 | 1 17 | 12 21 | 1 30 | 24 26 | 1 13 | 2 17 | 1 7 | 6 17 | 2 11 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 4 | 9 13 | 17 9 | 1 29 | 4 3 |
| W21 | 19 44 | 15 59 | 2 27 | 15 32 | 1 33 | 12 46 | 1 29 | 24 23 | 1 13 | 2 21 | 1 7 | 6 17 | 2 11 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 6 | 9 14 | 17 9 | 1 29 | 4 2 |
| T 22 | 19 57 | 13 1 | 1 17 | 15 8 | 1 46 | 13 11 | 1 28 | 24 21 | 1 13 | 2 25 | 1 7 | 6 17 | 2 10 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 6 | 9 15 | 17 8 | 1 28 | 4 2 |
| F 23 | 20 10 | 9 21 | 0 4 | 14 48 | 1 58 | 13 35 | 1 26 | 24 18 | 1 13 | 2 29 | 1 8 | 6 17 | 2 10 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 6 | 9 16 | 17 7 | 1 27 | 4 2 |
| S 24 | 20 22 | 5 13 | 1n 8 | 14 34 | 2 8 | 14 0 | 1 25 | 24 15 | 1 13 | 2 33 | 1 8 | 6 17 | 2 10 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 6 | 9 17 | 17 6 | 1 27 | 4 2 |
| S 25 | 20 34 | 0 54 | 2 15 | 14 24 | 2 15 | 14 23 | 1 24 | 24 11 | 1 13 | 2 37 | 1 8 | 6 17 | 2 10 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 7 | 9 19 | 17 6 | 1 26 | 4 1 |
| M26 | 20 46 | 3s24 | 3 13 | 14 20 | 2 21 | 14 47 | 1 23 | 24 8 | 1 13 | 2 40 | 1 8 | 6 16 | 2 10 | 23 35 | 0 13 | 18 45 | 0 25 | 16 50 | 6 26 | 9 9 | 9 20 | 17 5 | 1 26 | 4 1 |
| T 27 | 20 58 | 7 29 | 4 1 | 14 21 | 2 25 | 15 10 | 1 21 | 24 4 | 1 13 | 2 44 | 1 8 | 6 16 | 2 10 | 23 35 | 0 13 | 18 46 | 0 25 | 16 50 | 6 26 | 9 11 | 9 21 | 17 4 | 1 25 | 4 1 |
| W28 | 21 8 | 11 9 | 4 35 | 14 25 | 2 27 | 15 33 | 1 20 | 24 0 | 1 13 | 2 48 | 1 8 | 6 16 | 2 9 | 23 35 | 0 13 | 18 46 | 0 25 | 16 50 | 6 26 | 9 15 | 9 22 | 17 4 | 1 25 | 4 0 |
| T 29 | 21 19 | 14 15 | 4 55 | 14 33 | 2 28 | 15 55 | 1 18 | 23 55 | 1 13 | 2 51 | 1 9 | 6 15 | 2 9 | 23 35 | 0 13 | 18 46 | 0 25 | 16 50 | 6 26 | 9 20 | 9 23 | 17 3 | 1 25 | 4 0 |
| F 30 | 21s29 | 16s38 | 5n 0 | 14s45 | 2n28 | 16s17 | 1n17 | 23s51 | 1s13 | 2s55 | 1n 9 | 6s15 | 2s 9 | 23s35 | 0s13 | 18n46 | 0s25 | 16n50 | 6s26 | 9n25 | 9n24 | 17s 2 | 1n24 | 4n 0 |

Julian Day Number = 2600502.5, Delta T = 09m01s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'31, Lahiri = 29°33'33


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# ASTRODIENST EPHEMERIS for the year 2407
# geocentric

## DECEMBER 2407 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 38 25 | 8♐21'48 | 20♐11 | 18♏41 | 20♏35 | 14♑58 | 10♎12 | 19♓12 | 1♑28 | 4°R 8 | 5°R20 | 5°R24 | 5♍38 | 1♒ 1 | 24°R16 | S 1 |
| S 2 | 4 42 22 | 9°22'28 | 2♑23 | 19°36 | 21°50 | 15°43 | 10°22 | 19°13 | 1°32 | 4♌ 7 | 5♋19 | 5♍11 | 5°34 | 1° 8 | 24♓16 | S 2 |
| M 3 | 4 46 18 | 10°23'10 | 14°25 | 20°35 | 23° 5 | 16°29 | 10°31 | 19°14 | 1°35 | 4° 6 | 5°18 | 5° 0 | 5°31 | 1°15 | 24°16 | M 3 |
| T 4 | 4 50 15 | 11°23'52 | 26°19 | 21°39 | 24°20 | 17°15 | 10°40 | 19°15 | 1°39 | 4° 5 | 5°17 | 4°52 | 5°28 | 1°21 | 24°16 | T 4 |
| W 5 | 4 54 11 | 12°24'36 | 8♒ 7 | 22°48 | 25°36 | 18° 1 | 10°49 | 19°17 | 1°42 | 4° 4 | 5°16 | 4°46 | 5°25 | 1°28 | 24°D16 | W 5 |
| T 6 | 4 58 8 | 13°25'21 | 19°54 | 24° 0 | 26°51 | 18°47 | 10°58 | 19°18 | 1°46 | 4° 4 | 5°15 | 4°44 | 5°22 | 1°35 | 24°16 | T 6 |
| F 7 | 5 2 4 | 14°26'06 | 1♓44 | 25°14 | 28° 6 | 19°33 | 11° 7 | 19°19 | 1°49 | 4° 3 | 5°14 | 4°D43 | 5°19 | 1°41 | 24°16 | F 7 |
| S 8 | 5 6 1 | 15°26'53 | 13°43 | 26°32 | 29°21 | 20°19 | 11°15 | 19°21 | 1°53 | 4° 2 | 5°13 | 4°R43 | 5°15 | 1°48 | 24°16 | S 8 |
| S 9 | 5 9 57 | 16°27'40 | 25°56 | 27°51 | 0♑37 | 21° 6 | 11°24 | 19°23 | 1°56 | 4° 1 | 5°12 | 4°43 | 5°12 | 1°55 | 24°16 | S 9 |
| M10 | 5 13 54 | 17°28'29 | 8♈29 | 29°13 | 1°52 | 21°52 | 11°32 | 19°24 | 2° 0 | 4° 0 | 5°10 | 4°41 | 5° 9 | 2° 1 | 24°16 | M10 |
| T 11 | 5 17 51 | 18°29'18 | 21°26 | 0♑36 | 3° 7 | 22°38 | 11°41 | 19°26 | 2° 3 | 3°59 | 5° 9 | 4°37 | 5° 6 | 2° 8 | 24°17 | T 11 |
| W12 | 5 21 47 | 19°30'08 | 4♉52 | 2° 0 | 4°22 | 23°24 | 11°49 | 19°28 | 2° 7 | 3°57 | 5° 8 | 4°30 | 5° 3 | 2°15 | 24°17 | W12 |
| T 13 | 5 25 44 | 20°30'59 | 18°46 | 3°26 | 5°38 | 24°11 | 11°57 | 19°30 | 2°10 | 3°56 | 5° 7 | 4°21 | 5° 0 | 2°21 | 24°18 | T 13 |
| F 14 | 5 29 40 | 21°31'51 | 3♊ 7 | 4°53 | 6°53 | 24°57 | 12° 5 | 19°32 | 2°14 | 3°55 | 5° 6 | 4°10 | 4°56 | 2°28 | 24°18 | F 14 |
| S 15 | 5 33 37 | 22°32'43 | 17°51 | 6°20 | 8° 8 | 25°43 | 12°13 | 19°35 | 2°18 | 3°54 | 5° 5 | 3°59 | 4°53 | 2°35 | 24°19 | S 15 |
| S 16 | 5 37 33 | 23°33'37 | 2♋49 | 7°48 | 9°24 | 26°30 | 12°20 | 19°37 | 2°21 | 3°53 | 5° 4 | 3°48 | 4°50 | 2°41 | 24°19 | S 16 |
| M17 | 5 41 30 | 24°34'32 | 17°51 | 9°17 | 10°39 | 27°16 | 12°28 | 19°39 | 2°25 | 3°52 | 5° 2 | 3°40 | 4°47 | 2°48 | 24°20 | M17 |
| T 18 | 5 45 26 | 25°35'28 | 2♌48 | 10°46 | 11°54 | 28° 3 | 12°35 | 19°42 | 2°29 | 3°50 | 5° 1 | 3°33 | 4°44 | 2°55 | 24°21 | T 18 |
| W19 | 5 49 23 | 26°36'25 | 17°33 | 12°16 | 13°10 | 28°49 | 12°43 | 19°45 | 2°32 | 3°49 | 5° 0 | 3°30 | 4°40 | 3° 1 | 24°21 | W19 |
| T 20 | 5 53 20 | 27°37'22 | 2♍ 0 | 13°46 | 14°25 | 29°36 | 12°50 | 19°47 | 2°36 | 3°48 | 4°59 | 3°D29 | 4°37 | 3° 8 | 24°22 | T 20 |
| F 21 | 5 57 16 | 28°38'21 | 16° 6 | 15°17 | 15°40 | 0♒23 | 12°57 | 19°50 | 2°39 | 3°47 | 4°58 | 3°30 | 4°34 | 3°15 | 24°23 | F 21 |
| S 22 | 6 1 13 | 29°39'21 | 29°52 | 16°48 | 16°56 | 1° 9 | 13° 4 | 19°53 | 2°43 | 3°45 | 4°57 | 3°R30 | 4°31 | 3°21 | 24°24 | S 22 |
| S 23 | 6 5 9 | 0♑40'22 | 13♎17 | 18°19 | 18°11 | 1°56 | 13°11 | 19°56 | 2°47 | 3°44 | 4°55 | 3°29 | 4°28 | 3°28 | 24°25 | S 23 |
| M24 | 6 9 6 | 1°41'24 | 26°26 | 19°51 | 19°27 | 2°43 | 13°17 | 19°59 | 2°50 | 3°43 | 4°54 | 3°26 | 4°25 | 3°35 | 24°26 | M24 |
| T 25 | 6 13 2 | 2°42'27 | 9♏19 | 21°22 | 20°42 | 3°30 | 13°24 | 20° 2 | 2°54 | 3°41 | 4°53 | 3°21 | 4°21 | 3°41 | 24°27 | T 25 |
| W26 | 6 16 59 | 3°43'31 | 22° 0 | 22°54 | 21°58 | 4°17 | 13°30 | 20° 6 | 2°58 | 3°40 | 4°52 | 3°13 | 4°18 | 3°48 | 24°28 | W26 |
| T 27 | 6 20 55 | 4°44'35 | 4♐29 | 24°26 | 23°13 | 5° 3 | 13°36 | 20° 9 | 3° 1 | 3°38 | 4°51 | 3° 3 | 4°15 | 3°55 | 24°30 | T 27 |
| F 28 | 6 24 52 | 5°45'41 | 16°48 | 25°59 | 24°28 | 5°50 | 13°42 | 20°13 | 3° 5 | 3°37 | 4°49 | 2°51 | 4°12 | 4° 1 | 24°31 | F 28 |
| S 29 | 6 28 49 | 6°46'47 | 28°58 | 27°31 | 25°44 | 6°37 | 13°48 | 20°16 | 3° 9 | 3°35 | 4°48 | 2°40 | 4° 9 | 4° 8 | 24°32 | S 29 |
| S 30 | 6 32 45 | 7°47'53 | 11♑ 0 | 29° 4 | 26°59 | 7°24 | 13°53 | 20°20 | 3°12 | 3°34 | 4°47 | 2°29 | 4° 6 | 4°15 | 24°34 | S 30 |
| M31 | 6 36 42 | 8♑49'00 | 22♑55 | 0♑37 | 28♐15 | 8♒11 | 13♎59 | 20♓24 | 3♑16 | 3♌32 | 4♋46 | 2♍20 | 4♍ 2 | 4♒21 | 24♓35 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s39 | 18s12 | 4n50 | 15s 0 | 2n27 | 16s39 | 1n15 | 23s46 | 1s13 | 2s58 | 1n 9 | 6s14 | 2s 9 | 23s35 | 0s13 | 18n46 | 0s25 | 16n50 | 6s26 | 9n31 | 9n26 | 17s 2 | 1n24 | 3n59 |
| S 2 | 21 48 | 18 55 | 4 27 | 15 16 | 2 24 | 17 0 | 1 13 | 23 40 | 1 13 | 3 2 | 1 9 | 6 14 | 2 9 | 23 35 | 0 13 | 18 47 | 0 25 | 16 51 | 6 26 | 9 35 | 9 27 | 17 1 | 1 23 | 3 59 |
| M 3 | 21 57 | 18 45 | 3 53 | 15 35 | 2 21 | 17 21 | 1 12 | 23 35 | 1 13 | 3 5 | 1 9 | 6 13 | 2 8 | 23 35 | 0 13 | 18 47 | 0 25 | 16 51 | 6 26 | 9 39 | 9 28 | 17 0 | 1 23 | 3 59 |
| T 4 | 22 6 | 17 45 | 3 8 | 15 56 | 2 17 | 17 41 | 1 10 | 23 29 | 1 13 | 3 9 | 1 10 | 6 13 | 2 8 | 23 35 | 0 13 | 18 47 | 0 25 | 16 51 | 6 26 | 9 42 | 9 29 | 16 59 | 1 23 | 3 59 |
| W 5 | 22 14 | 16 0 | 2 16 | 16 18 | 2 12 | 18 1 | 1 8 | 23 23 | 1 13 | 3 12 | 1 10 | 6 12 | 2 8 | 23 35 | 0 13 | 18 47 | 0 25 | 16 51 | 6 26 | 9 44 | 9 30 | 16 59 | 1 22 | 3 58 |
| T 6 | 22 21 | 13 35 | 1 18 | 16 40 | 2 7 | 18 20 | 1 6 | 23 17 | 1 13 | 3 15 | 1 10 | 6 11 | 2 8 | 23 35 | 0 13 | 18 47 | 0 25 | 16 51 | 6 26 | 9 45 | 9 31 | 16 58 | 1 22 | 3 58 |
| F 7 | 22 29 | 10 35 | 0 16 | 17 4 | 2 2 | 18 39 | 1 4 | 23 10 | 1 13 | 3 19 | 1 10 | 6 11 | 2 8 | 23 35 | 0 13 | 18 48 | 0 25 | 16 51 | 6 26 | 9 46 | 9 33 | 16 57 | 1 22 | 3 58 |
| S 8 | 22 35 | 7 7 | 0s48 | 17 28 | 1 56 | 18 57 | 1 2 | 23 4 | 1 13 | 3 22 | 1 10 | 6 10 | 2 8 | 23 35 | 0 13 | 18 48 | 0 25 | 16 51 | 6 26 | 9 46 | 9 34 | 16 56 | 1 22 | 3 57 |
| S 9 | 22 42 | 3 18 | 1 50 | 17 52 | 1 49 | 19 15 | 1 1 | 22 56 | 1 13 | 3 25 | 1 10 | 6 9 | 2 7 | 23 35 | 0 13 | 18 48 | 0 25 | 16 51 | 6 26 | 9 46 | 9 35 | 16 56 | 1 21 | 3 57 |
| M10 | 22 48 | 0n46 | 2 49 | 18 16 | 1 42 | 19 32 | 0 59 | 22 49 | 1 13 | 3 28 | 1 11 | 6 8 | 2 7 | 23 35 | 0 13 | 18 48 | 0 25 | 16 51 | 6 26 | 9 46 | 9 36 | 16 55 | 1 21 | 3 57 |
| T 11 | 22 53 | 4 55 | 3 41 | 18 40 | 1 36 | 19 49 | 0 56 | 22 42 | 1 13 | 3 31 | 1 11 | 6 7 | 2 7 | 23 35 | 0 13 | 18 49 | 0 25 | 16 51 | 6 26 | 9 48 | 9 37 | 16 54 | 1 21 | 3 56 |
| W12 | 22 58 | 8 59 | 4 23 | 19 4 | 1 29 | 20 5 | 0 54 | 22 34 | 1 13 | 3 34 | 1 11 | 6 6 | 2 7 | 23 35 | 0 13 | 18 49 | 0 25 | 16 51 | 6 26 | 9 50 | 9 38 | 16 54 | 1 21 | 3 56 |
| T 13 | 23 3 | 12 42 | 4 51 | 19 28 | 1 21 | 20 20 | 0 52 | 22 26 | 1 13 | 3 37 | 1 11 | 6 5 | 2 7 | 23 35 | 0 13 | 18 49 | 0 25 | 16 51 | 6 26 | 9 54 | 9 40 | 16 53 | 1 21 | 3 56 |
| F 14 | 23 7 | 15 48 | 5 2 | 19 51 | 1 14 | 20 35 | 0 50 | 22 17 | 1 13 | 3 40 | 1 12 | 6 4 | 2 7 | 23 35 | 0 13 | 18 49 | 0 25 | 16 51 | 6 26 | 9 57 | 9 41 | 16 52 | 1 21 | 3 56 |
| S 15 | 23 10 | 17 58 | 4 53 | 20 13 | 1 7 | 20 50 | 0 48 | 22 9 | 1 13 | 3 43 | 1 12 | 6 3 | 2 6 | 23 35 | 0 13 | 18 50 | 0 25 | 16 51 | 6 26 | 10 2 | 9 42 | 16 51 | 1 21 | 3 55 |
| S 16 | 23 14 | 18 57 | 4 25 | 20 35 | 0 59 | 21 3 | 0 46 | 22 0 | 1 13 | 3 46 | 1 12 | 6 2 | 2 6 | 23 35 | 0 13 | 18 50 | 0 25 | 16 51 | 6 26 | 10 5 | 9 43 | 16 50 | 1 21 | 3 55 |
| M17 | 23 16 | 18 36 | 3 38 | 20 56 | 0 52 | 21 16 | 0 43 | 21 51 | 1 13 | 3 48 | 1 12 | 6 1 | 2 6 | 23 34 | 0 13 | 18 50 | 0 25 | 16 51 | 6 26 | 10 9 | 9 44 | 16 50 | 1 21 | 3 55 |
| T 18 | 23 19 | 16 58 | 2 36 | 21 17 | 0 44 | 21 29 | 0 41 | 21 42 | 1 13 | 3 51 | 1 12 | 6 0 | 2 6 | 23 34 | 0 13 | 18 50 | 0 25 | 16 51 | 6 26 | 10 11 | 9 45 | 16 49 | 1 21 | 3 54 |
| W19 | 23 20 | 14 12 | 1 24 | 21 36 | 0 37 | 21 41 | 0 39 | 21 32 | 1 13 | 3 54 | 1 13 | 5 59 | 2 6 | 23 34 | 0 13 | 18 51 | 0 25 | 16 51 | 6 26 | 10 12 | 9 46 | 16 48 | 1 21 | 3 54 |
| T 20 | 23 22 | 10 37 | 0 8 | 21 55 | 0 29 | 21 52 | 0 37 | 21 22 | 1 13 | 3 56 | 1 13 | 5 57 | 2 5 | 23 34 | 0 13 | 18 51 | 0 25 | 16 51 | 6 26 | 10 12 | 9 48 | 16 47 | 1 21 | 3 54 |
| F 21 | 23 23 | 6 30 | 1n 7 | 22 13 | 0 22 | 22 3 | 0 34 | 21 12 | 1 12 | 3 59 | 1 13 | 5 56 | 2 5 | 23 34 | 0 13 | 18 51 | 0 25 | 16 51 | 6 26 | 10 12 | 9 49 | 16 47 | 1 21 | 3 53 |
| S 22 | 23 23 | 2 8 | 2 16 | 22 29 | 0 14 | 22 13 | 0 32 | 21 2 | 1 12 | 4 1 | 1 13 | 5 55 | 2 5 | 23 34 | 0 13 | 18 52 | 0 25 | 16 52 | 6 26 | 10 12 | 9 50 | 16 46 | 1 21 | 3 53 |
| S 23 | 23 23 | 2s14 | 3 16 | 22 45 | 0 7 | 22 22 | 0 29 | 20 51 | 1 12 | 4 4 | 1 13 | 5 54 | 2 5 | 23 34 | 0 13 | 18 52 | 0 25 | 16 52 | 6 26 | 10 12 | 9 51 | 16 45 | 1 21 | 3 53 |
| M24 | 23 22 | 6 23 | 4 4 | 23 0 | 0s 0 | 22 31 | 0 27 | 20 41 | 1 12 | 4 6 | 1 14 | 5 52 | 2 5 | 23 34 | 0 13 | 18 52 | 0 25 | 16 52 | 6 26 | 10 13 | 9 52 | 16 44 | 1 21 | 3 53 |
| T 25 | 23 21 | 10 10 | 4 38 | 23 13 | 0 7 | 22 39 | 0 25 | 20 30 | 1 12 | 4 8 | 1 14 | 5 51 | 2 5 | 23 34 | 0 13 | 18 53 | 0 25 | 16 52 | 6 26 | 10 15 | 9 53 | 16 44 | 1 21 | 3 52 |
| W26 | 23 20 | 13 25 | 4 59 | 23 26 | 0 14 | 22 46 | 0 22 | 20 18 | 1 12 | 4 11 | 1 14 | 5 49 | 2 4 | 23 34 | 0 13 | 18 53 | 0 25 | 16 52 | 6 26 | 10 18 | 9 55 | 16 43 | 1 22 | 3 52 |
| T 27 | 23 18 | 16 0 | 5 4 | 23 37 | 0 21 | 22 53 | 0 20 | 20 7 | 1 12 | 4 13 | 1 14 | 5 48 | 2 4 | 23 34 | 0 13 | 18 53 | 0 25 | 16 52 | 6 26 | 10 22 | 9 56 | 16 42 | 1 22 | 3 52 |
| F 28 | 23 16 | 17 50 | 4 56 | 23 47 | 0 28 | 22 59 | 0 17 | 19 55 | 1 11 | 4 15 | 1 15 | 5 46 | 2 4 | 23 34 | 0 13 | 18 54 | 0 25 | 16 52 | 6 26 | 10 26 | 9 57 | 16 41 | 1 22 | 3 51 |
| S 29 | 23 13 | 18 49 | 4 33 | 23 56 | 0 34 | 23 4 | 0 15 | 19 43 | 1 11 | 4 17 | 1 15 | 5 45 | 2 4 | 23 34 | 0 13 | 18 54 | 0 25 | 16 52 | 6 26 | 10 30 | 9 58 | 16 40 | 1 22 | 3 51 |
| S 30 | 23 9 | 18 57 | 3 59 | 24 4 | 0 41 | 23 8 | 0 13 | 19 31 | 1 11 | 4 19 | 1 15 | 5 43 | 2 4 | 23 34 | 0 13 | 18 54 | 0 25 | 16 52 | 6 26 | 10 34 | 9 59 | 16 40 | 1 23 | 3 51 |
| M31 | 23s 5 | 18s14 | 3n15 | 24s10 | 0s47 | 23s12 | 0n10 | 19s19 | 1s11 | 4s21 | 1n15 | 5s41 | 2s 4 | 23s33 | 0s13 | 18n55 | 0s25 | 16n52 | 6s26 | 10n37 | 10n 0 | 16s39 | 1n23 | 3n50 |

Julian Day Number = 2600532.5, Delta T = 09m01s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'35, Lahiri = 29°33'37


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## JANUARY 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 40 38 | 9♉50'07 | 4♒45 | 2♉10 | 29♐30 | 8♒58 | 14♎ 4 | 20♓28 | 3♉19 | 3°R31 | 4°R45 | 2°R14 | 3♍59 | 4♒28 | 24♓37 | T 1 |
| W 2 | 6 44 35 | 10°51'14 | 16°32 | 3°44 | 0♉46 | 9°45 | 14°10 | 20°32 | 3°23 | 3♌29 | 4♋43 | 2♍10 | 3°56 | 4°35 | 24°38 | W 2 |
| T 3 | 6 48 31 | 11°52'22 | 28°19 | 5°17 | 2° 1 | 10°32 | 14°15 | 20°36 | 3°27 | 3°28 | 4°42 | 2°D 8 | 3°53 | 4°41 | 24°40 | T 3 |
| F 4 | 6 52 28 | 12°53'30 | 10♓ 9 | 6°51 | 3°17 | 11°19 | 14°19 | 20°40 | 3°30 | 3°26 | 4°41 | 2° 9 | 3°50 | 4°48 | 24°42 | F 4 |
| S 5 | 6 56 25 | 13°54'37 | 22° 7 | 8°25 | 4°32 | 12° 7 | 14°24 | 20°44 | 3°34 | 3°25 | 4°40 | 2°10 | 3°46 | 4°55 | 24°43 | S 5 |
| S 6 | 7 0 21 | 14°55'45 | 4♈18 | 10° 0 | 5°48 | 12°54 | 14°29 | 20°48 | 3°37 | 3°23 | 4°39 | 2°11 | 3°43 | 5° 1 | 24°45 | S 6 |
| M 7 | 7 4 18 | 15°56'52 | 16°47 | 11°35 | 7° 3 | 13°41 | 14°33 | 20°53 | 3°41 | 3°22 | 4°38 | 2°R12 | 3°40 | 5° 8 | 24°47 | M 7 |
| T 8 | 7 8 14 | 16°58'00 | 29°38 | 13°10 | 8°18 | 14°28 | 14°37 | 20°57 | 3°45 | 3°20 | 4°36 | 2°11 | 3°37 | 5°14 | 24°49 | T 8 |
| W 9 | 7 12 11 | 17°59'07 | 12♉56 | 14°45 | 9°34 | 15°15 | 14°41 | 21° 2 | 3°48 | 3°18 | 4°35 | 2° 8 | 3°34 | 5°21 | 24°51 | W 9 |
| T 10 | 7 16 7 | 19° 0'14 | 26°43 | 16°21 | 10°49 | 16° 2 | 14°45 | 21° 6 | 3°52 | 3°17 | 4°34 | 2° 3 | 3°31 | 5°28 | 24°53 | T 10 |
| F 11 | 7 20 4 | 20° 1'21 | 11♊ 1 | 17°57 | 12° 5 | 16°50 | 14°49 | 21°11 | 3°55 | 3°15 | 4°33 | 1°57 | 3°27 | 5°34 | 24°55 | F 11 |
| S 12 | 7 24 0 | 21° 2'28 | 25°44 | 19°33 | 13°20 | 17°37 | 14°52 | 21°16 | 3°59 | 3°13 | 4°32 | 1°51 | 3°24 | 5°41 | 24°57 | S 12 |
| S 13 | 7 27 57 | 22° 3'34 | 10♋48 | 21°10 | 14°36 | 18°24 | 14°56 | 21°21 | 4° 2 | 3°12 | 4°31 | 1°44 | 3°21 | 5°48 | 24°59 | S 13 |
| M14 | 7 31 54 | 23° 4'41 | 26° 2 | 22°47 | 15°51 | 19°11 | 14°59 | 21°26 | 4° 6 | 3°10 | 4°30 | 1°39 | 3°18 | 5°54 | 25° 1 | M14 |
| T 15 | 7 35 50 | 24° 5'47 | 11♌17 | 24°25 | 17° 7 | 19°59 | 15° 2 | 21°31 | 4° 9 | 3° 8 | 4°28 | 1°36 | 3°15 | 6° 1 | 25° 4 | T 15 |
| W16 | 7 39 47 | 25° 6'53 | 26°22 | 26° 3 | 18°22 | 20°46 | 15° 4 | 21°36 | 4°13 | 3° 7 | 4°27 | 1°D34 | 3°12 | 6° 8 | 25° 6 | W16 |
| T 17 | 7 43 43 | 26° 7'59 | 11♍ 9 | 27°41 | 19°38 | 21°33 | 15° 7 | 21°41 | 4°16 | 3° 5 | 4°26 | 1°35 | 3° 8 | 6°14 | 25° 8 | T 17 |
| F 18 | 7 47 40 | 27° 9'05 | 25°33 | 29°20 | 20°53 | 22°21 | 15° 9 | 21°46 | 4°20 | 3° 3 | 4°25 | 1°36 | 3° 5 | 6°21 | 25°11 | F 18 |
| S 19 | 7 51 36 | 28°10'11 | 9♎31 | 1♒ 0 | 22° 8 | 23° 8 | 15°12 | 21°51 | 4°23 | 3° 2 | 4°24 | 1°37 | 3° 2 | 6°28 | 25°13 | S 19 |
| S 20 | 7 55 33 | 29°11'17 | 23° 4 | 2°39 | 23°24 | 23°55 | 15°14 | 21°57 | 4°26 | 3° 0 | 4°23 | 1°R39 | 2°59 | 6°34 | 25°15 | S 20 |
| M21 | 7 59 29 | 0♒12'23 | 6♏14 | 4°20 | 24°39 | 24°43 | 15°16 | 22° 2 | 4°30 | 2°58 | 4°22 | 1°39 | 2°56 | 6°41 | 25°18 | M21 |
| T 22 | 8 3 26 | 1°13'29 | 19° 2 | 6° 0 | 25°55 | 25°30 | 15°17 | 22° 8 | 4°33 | 2°57 | 4°21 | 1°37 | 2°52 | 6°48 | 25°20 | T 22 |
| W23 | 8 7 23 | 2°14'35 | 1♐34 | 7°41 | 27°10 | 26°18 | 15°19 | 22°13 | 4°37 | 2°55 | 4°20 | 1°34 | 2°49 | 6°54 | 25°23 | W23 |
| T 24 | 8 11 19 | 3°15'41 | 13°52 | 9°23 | 28°26 | 27° 5 | 15°20 | 22°19 | 4°40 | 2°53 | 4°19 | 1°30 | 2°46 | 7° 1 | 25°26 | T 24 |
| F 25 | 8 15 16 | 4°16'46 | 25°59 | 11° 5 | 29°41 | 27°52 | 15°21 | 22°24 | 4°43 | 2°52 | 4°18 | 1°25 | 2°43 | 7° 8 | 25°28 | F 25 |
| S 26 | 8 19 12 | 5°17'51 | 7♑58 | 12°47 | 0♒57 | 28°40 | 15°22 | 22°30 | 4°46 | 2°50 | 4°17 | 1°20 | 2°40 | 7°14 | 25°31 | S 26 |
| S 27 | 8 23 9 | 6°18'56 | 19°52 | 14°29 | 2°12 | 29°27 | 15°23 | 22°36 | 4°50 | 2°48 | 4°16 | 1°16 | 2°37 | 7°21 | 25°34 | S 27 |
| M28 | 8 27 5 | 7°20'00 | 1♒41 | 16°12 | 3°27 | 0♓15 | 15°23 | 22°42 | 4°53 | 2°47 | 4°15 | 1°12 | 2°33 | 7°28 | 25°37 | M28 |
| T 29 | 8 31 2 | 8°21'03 | 13°29 | 17°55 | 4°43 | 1° 2 | 15°24 | 22°48 | 4°56 | 2°45 | 4°14 | 1°10 | 2°30 | 7°34 | 25°40 | T 29 |
| W30 | 8 34 58 | 9°22'06 | 25°18 | 19°38 | 5°58 | 1°49 | 15°R24 | 22°54 | 4°59 | 2°43 | 4°13 | 1° 9 | 2°27 | 7°41 | 25°42 | W30 |
| T 31 | 8 38 55 | 10♒23'08 | 7♓ 8 | 21♒20 | 7♒14 | 2♓37 | 15♎24 | 23♓ 0 | 5♉ 2 | 2♌41 | 4♋12 | 1°D 9 | 2♍24 | 7♒48 | 25♓45 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 1 | 16s44 | 2n22 | 24s15 | 0s53 | 23s15 | 0n 8 | 19s 7 | 1s11 | 4s23 | 1n16 | 5s40 | 2s 3 | 23s33 | 0s13 | 18n55 | 0s25 | 16n52 | 6s26 | 10n39 | 10n 1 | 16s38 | 1n23 | 3n50 |
| W 2 | 22 56 | 14 31 | 1 23 | 24 19 | 0 59 | 23 18 | 0 5 | 18 54 | 1 10 | 4 24 | 1 16 | 5 38 | 2 3 | 23 33 | 0 13 | 18 55 | 0 25 | 16 53 | 6 26 | 10 41 | 10 3 | 16 37 | 1 24 | 3 50 |
| T 3 | 22 51 | 11 43 | 0 21 | 24 22 | 1 5 | 23 19 | 0 3 | 18 41 | 1 10 | 4 26 | 1 16 | 5 36 | 2 3 | 23 33 | 0 13 | 18 56 | 0 25 | 16 53 | 6 26 | 10 41 | 10 4 | 16 36 | 1 24 | 3 50 |
| F 4 | 22 46 | 8 25 | 0s43 | 24 23 | 1 11 | 23 20 | 0 0 | 18 28 | 1 10 | 4 28 | 1 16 | 5 35 | 2 3 | 23 33 | 0 13 | 18 56 | 0 25 | 16 53 | 6 26 | 10 41 | 10 5 | 16 35 | 1 24 | 3 49 |
| S 5 | 22 40 | 4 45 | 1 46 | 24 23 | 1 16 | 23 21 | 0s 2 | 18 14 | 1 10 | 4 29 | 1 17 | 5 33 | 2 3 | 23 33 | 0 13 | 18 56 | 0 25 | 16 53 | 6 25 | 10 41 | 10 6 | 16 35 | 1 25 | 3 49 |
| S 6 | 22 33 | 0 49 | 2 45 | 24 21 | 1 21 | 23 20 | 0 5 | 18 1 | 1 10 | 4 31 | 1 17 | 5 31 | 2 3 | 23 33 | 0 13 | 18 57 | 0 25 | 16 53 | 6 25 | 10 40 | 10 7 | 16 34 | 1 25 | 3 49 |
| M 7 | 22 26 | 3n13 | 3 38 | 24 19 | 1 26 | 23 19 | 0 7 | 17 47 | 1 9 | 4 32 | 1 17 | 5 29 | 2 3 | 23 33 | 0 13 | 18 57 | 0 25 | 16 53 | 6 25 | 10 40 | 10 8 | 16 33 | 1 26 | 3 49 |
| T 8 | 22 19 | 7 14 | 4 22 | 24 14 | 1 31 | 23 17 | 0 10 | 17 33 | 1 9 | 4 34 | 1 17 | 5 27 | 2 2 | 23 33 | 0 13 | 18 58 | 0 25 | 16 53 | 6 25 | 10 40 | 10 10 | 16 32 | 1 26 | 3 48 |
| W 9 | 22 11 | 11 2 | 4 53 | 24 9 | 1 35 | 23 14 | 0 12 | 17 19 | 1 9 | 4 35 | 1 18 | 5 25 | 2 2 | 23 33 | 0 13 | 18 58 | 0 25 | 16 53 | 6 25 | 10 41 | 10 11 | 16 31 | 1 27 | 3 48 |
| T 10 | 22 2 | 14 22 | 5 9 | 24 2 | 1 39 | 23 11 | 0 14 | 17 5 | 1 9 | 4 36 | 1 18 | 5 23 | 2 2 | 23 33 | 0 13 | 18 58 | 0 25 | 16 53 | 6 25 | 10 43 | 10 12 | 16 30 | 1 27 | 3 48 |
| F 11 | 21 54 | 16 59 | 5 6 | 23 54 | 1 43 | 23 7 | 0 17 | 16 51 | 1 8 | 4 37 | 1 18 | 5 21 | 2 2 | 23 33 | 0 13 | 18 59 | 0 25 | 16 54 | 6 25 | 10 45 | 10 13 | 16 30 | 1 28 | 3 47 |
| S 12 | 21 45 | 18 35 | 4 44 | 23 44 | 1 47 | 23 2 | 0 19 | 16 36 | 1 8 | 4 38 | 1 18 | 5 19 | 2 2 | 23 32 | 0 13 | 18 59 | 0 25 | 16 54 | 6 25 | 10 48 | 10 14 | 16 29 | 1 29 | 3 47 |
| S 13 | 21 35 | 18 56 | 4 1 | 23 33 | 1 51 | 22 56 | 0 21 | 16 21 | 1 8 | 4 39 | 1 19 | 5 17 | 2 2 | 23 32 | 0 13 | 18 59 | 0 25 | 16 54 | 6 25 | 10 50 | 10 15 | 16 28 | 1 29 | 3 47 |
| M14 | 21 25 | 17 55 | 3 1 | 23 20 | 1 54 | 22 50 | 0 24 | 16 6 | 1 7 | 4 40 | 1 19 | 5 15 | 2 2 | 23 32 | 0 13 | 19 0 | 0 25 | 16 54 | 6 25 | 10 52 | 10 16 | 16 27 | 1 30 | 3 47 |
| T 15 | 21 15 | 15 37 | 1 48 | 23 6 | 1 57 | 22 43 | 0 26 | 15 51 | 1 7 | 4 41 | 1 19 | 5 13 | 2 1 | 23 32 | 0 13 | 19 0 | 0 25 | 16 54 | 6 25 | 10 53 | 10 18 | 16 26 | 1 30 | 3 46 |
| W16 | 21 4 | 12 15 | 0 28 | 22 50 | 1 59 | 22 36 | 0 28 | 15 36 | 1 7 | 4 42 | 1 19 | 5 11 | 2 1 | 23 32 | 0 13 | 19 1 | 0 25 | 16 54 | 6 24 | 10 53 | 10 19 | 16 25 | 1 31 | 3 46 |
| T 17 | 20 52 | 8 10 | 0n52 | 22 33 | 2 1 | 22 27 | 0 31 | 15 20 | 1 7 | 4 43 | 1 20 | 5 9 | 2 1 | 23 32 | 0 13 | 19 1 | 0 25 | 16 54 | 6 24 | 10 53 | 10 20 | 16 24 | 1 32 | 3 46 |
| F 18 | 20 41 | 3 43 | 2 7 | 22 15 | 2 3 | 22 18 | 0 33 | 15 5 | 1 6 | 4 44 | 1 20 | 5 7 | 2 1 | 23 32 | 0 13 | 19 1 | 0 25 | 16 55 | 6 24 | 10 53 | 10 21 | 16 24 | 1 32 | 3 46 |
| S 19 | 20 29 | 0s48 | 3 13 | 21 55 | 2 5 | 22 9 | 0 35 | 14 49 | 1 6 | 4 44 | 1 20 | 5 5 | 2 1 | 23 32 | 0 13 | 19 2 | 0 25 | 16 55 | 6 24 | 10 52 | 10 22 | 16 23 | 1 33 | 3 45 |
| S 20 | 20 16 | 5 9 | 4 5 | 21 34 | 2 6 | 21 58 | 0 37 | 14 33 | 1 6 | 4 45 | 1 20 | 5 2 | 2 1 | 23 32 | 0 13 | 19 2 | 0 25 | 16 55 | 6 24 | 10 52 | 10 23 | 16 22 | 1 34 | 3 45 |
| M21 | 20 4 | 9 6 | 4 43 | 21 11 | 2 6 | 21 47 | 0 39 | 14 17 | 1 5 | 4 45 | 1 21 | 5 0 | 2 1 | 23 32 | 0 13 | 19 3 | 0 25 | 16 55 | 6 24 | 10 52 | 10 24 | 16 21 | 1 35 | 3 45 |
| T 22 | 19 50 | 12 32 | 5 6 | 20 46 | 2 7 | 21 36 | 0 41 | 14 1 | 1 5 | 4 46 | 1 21 | 4 58 | 2 1 | 23 31 | 0 13 | 19 3 | 0 25 | 16 55 | 6 24 | 10 52 | 10 26 | 16 20 | 1 35 | 3 45 |
| W23 | 19 37 | 15 19 | 5 13 | 20 21 | 2 7 | 21 23 | 0 44 | 13 44 | 1 5 | 4 46 | 1 21 | 4 56 | 2 1 | 23 31 | 0 13 | 19 3 | 0 25 | 16 55 | 6 24 | 10 53 | 10 27 | 16 19 | 1 36 | 3 44 |
| T 24 | 19 23 | 17 21 | 5 6 | 19 53 | 2 6 | 21 10 | 0 46 | 13 28 | 1 4 | 4 46 | 1 22 | 4 53 | 2 0 | 23 31 | 0 13 | 19 4 | 0 25 | 16 55 | 6 24 | 10 55 | 10 28 | 16 18 | 1 37 | 3 44 |
| F 25 | 19 9 | 18 34 | 4 45 | 19 25 | 2 5 | 20 57 | 0 48 | 13 11 | 1 4 | 4 46 | 1 22 | 4 51 | 2 0 | 23 31 | 0 13 | 19 4 | 0 25 | 16 56 | 6 23 | 10 57 | 10 29 | 16 17 | 1 38 | 3 44 |
| S 26 | 18 54 | 18 57 | 4 12 | 18 54 | 2 3 | 20 42 | 0 50 | 12 54 | 1 4 | 4 47 | 1 22 | 4 49 | 2 0 | 23 31 | 0 13 | 19 5 | 0 25 | 16 56 | 6 23 | 10 58 | 10 30 | 16 17 | 1 39 | 3 44 |
| S 27 | 18 39 | 18 29 | 3 28 | 18 23 | 2 1 | 20 28 | 0 52 | 12 37 | 1 3 | 4 47 | 1 22 | 4 46 | 2 0 | 23 31 | 0 13 | 19 5 | 0 25 | 16 56 | 6 23 | 11 0 | 10 31 | 16 16 | 1 40 | 3 43 |
| M28 | 18 24 | 17 13 | 2 35 | 17 50 | 1 59 | 20 12 | 0 53 | 12 20 | 1 3 | 4 46 | 1 23 | 4 44 | 2 0 | 23 31 | 0 13 | 19 5 | 0 25 | 16 56 | 6 23 | 11 1 | 10 32 | 16 15 | 1 41 | 3 43 |
| T 29 | 18 8 | 15 12 | 1 36 | 17 16 | 1 55 | 19 56 | 0 55 | 12 3 | 1 2 | 4 46 | 1 23 | 4 41 | 2 0 | 23 31 | 0 13 | 19 6 | 0 25 | 16 56 | 6 23 | 11 2 | 10 34 | 16 14 | 1 42 | 3 43 |
| W30 | 17 52 | 12 33 | 0 32 | 16 40 | 1 52 | 19 39 | 0 57 | 11 46 | 1 2 | 4 46 | 1 23 | 4 39 | 2 0 | 23 31 | 0 13 | 19 6 | 0 25 | 16 56 | 6 23 | 11 3 | 10 35 | 16 13 | 1 42 | 3 43 |
| T 31 | 17s36 | 9s23 | 0s33 | 16s 3 | 1s47 | 19s22 | 0s59 | 11s29 | 1s 2 | 4s46 | 1n23 | 4s36 | 2s 0 | 23s31 | 0s13 | 19n 7 | 0s25 | 16n57 | 6s23 | 11n 3 | 10n36 | 16s12 | 1n43 | 3n43 |

Julian Day Number = 2600563.5, Delta T = 09m01s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'39, Lahiri = 29°33'41


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## FEBRUARY 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 42 52 | 11♒24'09 | 19♓ 3 | 23♒ 3 | 8♒29 | 3♓24 | 15°R24 | 23♓ 6 | 5♉ 6 | 2°R40 | 4°R11 | 1♍ 9 | 2♍21 | 7♒54 | 25♓48 | F 1 |
| S 2 | 8 46 48 | 12°25'09 | 1♈ 7 | 24°45 | 9°45 | 4°12 | 15♎23 | 23°12 | 5° 9 | 2♏38 | 4♋10 | 1°11 | 2°17 | 8° 1 | 25°51 | S 2 |
| S 3 | 8 50 45 | 13°26'08 | 13°21 | 26°27 | 11° 0 | 4°59 | 15°23 | 23°18 | 5°12 | 2°36 | 4° 9 | 1°13 | 2°14 | 8° 8 | 25°54 | S 3 |
| M 4 | 8 54 41 | 14°27'06 | 25°51 | 28° 8 | 12°15 | 5°47 | 15°22 | 23°25 | 5°15 | 2°35 | 4° 8 | 1°14 | 2°11 | 8°14 | 25°57 | M 4 |
| T 5 | 8 58 38 | 15°28'02 | 8♉39 | 29°47 | 13°31 | 6°34 | 15°21 | 23°31 | 5°18 | 2°33 | 4° 7 | 1°15 | 2° 8 | 8°21 | 26° 1 | T 5 |
| W 6 | 9 2 34 | 16°28'58 | 21°50 | 1♓26 | 14°46 | 7°21 | 15°20 | 23°37 | 5°21 | 2°31 | 4° 7 | 1°R15 | 2° 5 | 8°28 | 26° 4 | W 6 |
| T 7 | 9 6 31 | 17°29'53 | 5♊27 | 3° 2 | 16° 1 | 8° 9 | 15°18 | 23°44 | 5°24 | 2°30 | 4° 6 | 1°14 | 2° 2 | 8°34 | 26° 7 | T 7 |
| F 8 | 9 10 27 | 18°30'46 | 19°29 | 4°37 | 17°17 | 8°56 | 15°17 | 23°50 | 5°27 | 2°28 | 4° 5 | 1°13 | 1°58 | 8°41 | 26°10 | F 8 |
| S 9 | 9 14 24 | 19°31'38 | 3♋58 | 6° 9 | 18°32 | 9°44 | 15°15 | 23°57 | 5°29 | 2°27 | 4° 4 | 1°11 | 1°55 | 8°48 | 26°13 | S 9 |
| S 10 | 9 18 21 | 20°32'29 | 18°49 | 7°37 | 19°47 | 10°31 | 15°13 | 24° 3 | 5°32 | 2°25 | 4° 3 | 1°10 | 1°52 | 8°54 | 26°17 | S 10 |
| M11 | 9 22 17 | 21°33'18 | 3♌55 | 9° 2 | 21° 3 | 11°18 | 15°11 | 24°10 | 5°35 | 2°23 | 4° 3 | 1° 9 | 1°49 | 9° 1 | 26°20 | M11 |
| T 12 | 9 26 14 | 22°34'06 | 19° 8 | 10°22 | 22°18 | 12° 6 | 15° 8 | 24°16 | 5°38 | 2°22 | 4° 2 | 1° 8 | 1°46 | 9° 8 | 26°23 | T 12 |
| W13 | 9 30 10 | 23°34'53 | 4♍19 | 11°37 | 23°33 | 12°53 | 15° 6 | 24°23 | 5°41 | 2°20 | 4° 1 | 1°D 8 | 1°43 | 9°14 | 26°26 | W13 |
| T 14 | 9 34 7 | 24°35'39 | 19°17 | 12°46 | 24°49 | 13°40 | 15° 3 | 24°30 | 5°43 | 2°19 | 4° 0 | 1° 8 | 1°39 | 9°21 | 26°30 | T 14 |
| F 15 | 9 38 3 | 25°36'24 | 3♎55 | 13°49 | 26° 4 | 14°28 | 15° 0 | 24°37 | 5°46 | 2°17 | 4° 0 | 1° 9 | 1°36 | 9°28 | 26°33 | F 15 |
| S 16 | 9 42 0 | 26°37'08 | 18° 8 | 14°44 | 27°19 | 15°15 | 14°57 | 24°43 | 5°49 | 2°16 | 3°59 | 1° 9 | 1°33 | 9°34 | 26°37 | S 16 |
| S 17 | 9 45 56 | 27°37'50 | 1♏54 | 15°30 | 28°34 | 16° 2 | 14°54 | 24°50 | 5°51 | 2°14 | 3°58 | 1°10 | 1°30 | 9°41 | 26°40 | S 17 |
| M18 | 9 49 53 | 28°38'32 | 15°12 | 16° 8 | 29°50 | 16°49 | 14°51 | 24°57 | 5°54 | 2°13 | 3°58 | 1°10 | 1°27 | 9°48 | 26°44 | M18 |
| T 19 | 9 53 50 | 29°39'13 | 28° 6 | 16°37 | 1♓ 5 | 17°37 | 14°47 | 25° 4 | 5°56 | 2°11 | 3°57 | 1°R10 | 1°23 | 9°54 | 26°47 | T 19 |
| W20 | 9 57 46 | 0♓39'53 | 10♐39 | 16°55 | 2°20 | 18°24 | 14°43 | 25°11 | 5°59 | 2°10 | 3°57 | 1°D10 | 1°20 | 10° 1 | 26°51 | W20 |
| T 21 | 10 1 43 | 1°40'31 | 22°54 | 17°R 4 | 3°35 | 19°11 | 14°39 | 25°18 | 6° 1 | 2° 8 | 3°56 | 1°10 | 1°17 | 10° 7 | 26°54 | T 21 |
| F 22 | 10 5 39 | 2°41'09 | 4♑56 | 17° 1 | 4°51 | 19°58 | 14°35 | 25°25 | 6° 4 | 2° 7 | 3°55 | 1°10 | 1°14 | 10°14 | 26°58 | F 22 |
| S 23 | 10 9 36 | 3°41'45 | 16°50 | 16°48 | 6° 6 | 20°46 | 14°31 | 25°32 | 6° 6 | 2° 6 | 3°55 | 1°10 | 1°11 | 10°21 | 27° 1 | S 23 |
| S 24 | 10 13 32 | 4°42'20 | 28°38 | 16°25 | 7°21 | 21°33 | 14°27 | 25°39 | 6° 8 | 2° 4 | 3°54 | 1°11 | 1° 8 | 10°27 | 27° 5 | S 24 |
| M25 | 10 17 29 | 5°42'54 | 10♒25 | 15°52 | 8°36 | 22°20 | 14°22 | 25°46 | 6°11 | 2° 3 | 3°54 | 1°11 | 1° 4 | 10°34 | 27° 9 | M25 |
| T 26 | 10 21 25 | 6°43'26 | 22°14 | 15°11 | 9°51 | 23° 7 | 14°17 | 25°53 | 6°13 | 2° 1 | 3°53 | 1°12 | 1° 1 | 10°41 | 27°12 | T 26 |
| W27 | 10 25 22 | 7°43'57 | 4♓ 6 | 14°22 | 11° 6 | 23°54 | 14°12 | 26° 0 | 6°15 | 2° 0 | 3°53 | 1°R12 | 0°58 | 10°47 | 27°16 | W27 |
| T 28 | 10 29 18 | 8°44'27 | 16° 4 | 13°26 | 12°22 | 24°41 | 14° 7 | 26° 8 | 6°17 | 1°59 | 3°53 | 1°11 | 0°55 | 10°54 | 27°20 | T 28 |
| F 29 | 10 33 15 | 9♓44'54 | 28♓10 | 12♓25 | 13♓37 | 25♓28 | 14♎ 2 | 26♓15 | 6♉19 | 1♏58 | 3♋52 | 1♍11 | 0♍52 | 11♒ 1 | 27♓23 | F 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s19 | 5s49 | 1s38 | 15s25 | 1s42 | 19s 4 | 1s 1 | 11s11 | 1s 1 | 4s46 | 1n24 | 4s34 | 2s 0 | 23s30 | 0s13 | 19n 7 | 0s25 | 16n57 | 6s23 | 11n 2 | 10n37 | 16s11 | 1n44 | 3n42 |
| S 2 | 17 2 | 1 59 | 2 38 | 14 46 | 1 37 | 18 46 | 1 2 | 10 54 | 1 1 | 4 45 | 1 24 | 4 31 | 1 59 | 23 30 | 0 13 | 19 7 | 0 25 | 16 57 | 6 22 | 11 2 | 10 38 | 16 10 | 1 45 | 3 42 |
| S 3 | 16 45 | 1n59 | 3 33 | 14 5 | 1 30 | 18 27 | 1 4 | 10 36 | 1 0 | 4 45 | 1 24 | 4 29 | 1 59 | 23 30 | 0 13 | 19 8 | 0 25 | 16 57 | 6 22 | 11 1 | 10 39 | 16 9 | 1 46 | 3 42 |
| M 4 | 16 28 | 5 57 | 4 19 | 13 24 | 1 23 | 18 8 | 1 5 | 10 18 | 1 0 | 4 44 | 1 24 | 4 26 | 1 59 | 23 30 | 0 13 | 19 8 | 0 25 | 16 57 | 6 22 | 11 1 | 10 40 | 16 8 | 1 47 | 3 42 |
| T 5 | 16 10 | 9 43 | 4 53 | 12 42 | 1 15 | 17 48 | 1 7 | 10 0 | 1 0 | 4 44 | 1 25 | 4 24 | 1 59 | 23 30 | 0 13 | 19 9 | 0 25 | 16 57 | 6 22 | 11 0 | 10 41 | 16 8 | 1 48 | 3 42 |
| W 6 | 15 52 | 13 8 | 5 13 | 11 59 | 1 7 | 17 27 | 1 8 | 9 42 | 0 59 | 4 43 | 1 25 | 4 21 | 1 59 | 23 30 | 0 13 | 19 9 | 0 25 | 16 58 | 6 22 | 11 0 | 10 43 | 16 7 | 1 50 | 3 41 |
| T 7 | 15 33 | 15 58 | 5 16 | 11 16 | 0 58 | 17 7 | 1 10 | 9 24 | 0 59 | 4 42 | 1 25 | 4 18 | 1 59 | 23 30 | 0 13 | 19 9 | 0 25 | 16 58 | 6 22 | 11 1 | 10 44 | 16 6 | 1 51 | 3 41 |
| F 8 | 15 15 | 17 58 | 5 1 | 10 32 | 0 47 | 16 45 | 1 11 | 9 6 | 0 58 | 4 41 | 1 25 | 4 16 | 1 59 | 23 30 | 0 13 | 19 10 | 0 25 | 16 58 | 6 22 | 11 1 | 10 45 | 16 5 | 1 52 | 3 41 |
| S 9 | 14 56 | 18 53 | 4 27 | 9 48 | 0 36 | 16 23 | 1 13 | 8 48 | 0 58 | 4 40 | 1 26 | 4 13 | 1 59 | 23 30 | 0 13 | 19 10 | 0 25 | 16 58 | 6 21 | 11 2 | 10 46 | 16 4 | 1 53 | 3 41 |
| S 10 | 14 37 | 18 32 | 3 34 | 9 5 | 0 25 | 16 1 | 1 14 | 8 30 | 0 57 | 4 39 | 1 26 | 4 11 | 1 59 | 23 30 | 0 13 | 19 10 | 0 25 | 16 58 | 6 21 | 11 2 | 10 47 | 16 3 | 1 54 | 3 41 |
| M11 | 14 17 | 16 52 | 2 26 | 8 21 | 0 12 | 15 38 | 1 15 | 8 11 | 0 57 | 4 38 | 1 26 | 4 8 | 1 59 | 23 29 | 0 13 | 19 11 | 0 25 | 16 58 | 6 21 | 11 2 | 10 48 | 16 2 | 1 55 | 3 40 |
| T 12 | 13 58 | 14 0 | 1 6 | 7 39 | 0n 1 | 15 15 | 1 16 | 7 53 | 0 56 | 4 37 | 1 26 | 4 5 | 1 59 | 23 29 | 0 13 | 19 11 | 0 25 | 16 59 | 6 21 | 11 3 | 10 49 | 16 1 | 1 56 | 3 40 |
| W13 | 13 38 | 10 11 | 0n18 | 6 58 | 0 15 | 14 51 | 1 17 | 7 34 | 0 56 | 4 36 | 1 27 | 4 3 | 1 59 | 23 29 | 0 13 | 19 12 | 0 25 | 16 59 | 6 21 | 11 3 | 10 51 | 16 0 | 1 57 | 3 40 |
| T 14 | 13 18 | 5 45 | 1 39 | 6 18 | 0 29 | 14 27 | 1 18 | 7 16 | 0 56 | 4 35 | 1 27 | 4 0 | 1 59 | 23 29 | 0 13 | 19 12 | 0 25 | 16 59 | 6 21 | 11 3 | 10 52 | 15 59 | 1 58 | 3 40 |
| F 15 | 12 57 | 1 5 | 2 52 | 5 40 | 0 45 | 14 3 | 1 19 | 6 57 | 0 55 | 4 33 | 1 27 | 3 57 | 1 59 | 23 29 | 0 14 | 19 12 | 0 25 | 16 59 | 6 20 | 11 2 | 10 53 | 15 58 | 2 0 | 3 40 |
| S 16 | 12 37 | 3s30 | 3 53 | 5 5 | 1 0 | 13 38 | 1 20 | 6 38 | 0 55 | 4 32 | 1 27 | 3 54 | 1 58 | 23 29 | 0 14 | 19 13 | 0 25 | 16 59 | 6 20 | 11 2 | 10 54 | 15 57 | 2 1 | 3 39 |
| S 17 | 12 16 | 7 45 | 4 38 | 4 32 | 1 16 | 13 13 | 1 21 | 6 20 | 0 54 | 4 31 | 1 28 | 3 52 | 1 58 | 23 29 | 0 14 | 19 13 | 0 25 | 17 0 | 6 20 | 11 2 | 10 55 | 15 56 | 2 2 | 3 39 |
| M18 | 11 55 | 11 29 | 5 6 | 4 2 | 1 32 | 12 47 | 1 22 | 6 1 | 0 54 | 4 29 | 1 28 | 3 49 | 1 58 | 23 29 | 0 14 | 19 13 | 0 25 | 17 0 | 6 20 | 11 2 | 10 56 | 15 55 | 2 3 | 3 39 |
| T 19 | 11 34 | 14 32 | 5 18 | 3 36 | 1 48 | 12 21 | 1 23 | 5 42 | 0 53 | 4 27 | 1 28 | 3 46 | 1 58 | 23 29 | 0 14 | 19 14 | 0 25 | 17 0 | 6 20 | 11 2 | 10 57 | 15 54 | 2 5 | 3 39 |
| W20 | 11 13 | 16 49 | 5 14 | 3 14 | 2 4 | 11 55 | 1 23 | 5 23 | 0 53 | 4 26 | 1 28 | 3 43 | 1 58 | 23 29 | 0 14 | 19 14 | 0 25 | 17 0 | 6 20 | 11 2 | 10 58 | 15 53 | 2 6 | 3 39 |
| T 21 | 10 51 | 18 16 | 4 56 | 2 57 | 2 20 | 11 28 | 1 24 | 5 4 | 0 52 | 4 24 | 1 29 | 3 40 | 1 58 | 23 28 | 0 14 | 19 14 | 0 25 | 17 0 | 6 19 | 11 2 | 11 0 | 15 52 | 2 7 | 3 39 |
| F 22 | 10 30 | 18 53 | 4 25 | 2 44 | 2 35 | 11 1 | 1 25 | 4 45 | 0 52 | 4 22 | 1 29 | 3 38 | 1 58 | 23 28 | 0 14 | 19 15 | 0 24 | 17 0 | 6 19 | 11 2 | 11 1 | 15 51 | 2 8 | 3 39 |
| S 23 | 10 8 | 18 39 | 3 43 | 2 36 | 2 49 | 10 34 | 1 25 | 4 26 | 0 51 | 4 20 | 1 29 | 3 35 | 1 58 | 23 28 | 0 14 | 19 15 | 0 24 | 17 1 | 6 19 | 11 2 | 11 2 | 15 50 | 2 10 | 3 38 |
| S 24 | 9 46 | 17 35 | 2 51 | 2 33 | 3 2 | 10 7 | 1 25 | 4 7 | 0 51 | 4 19 | 1 29 | 3 32 | 1 58 | 23 28 | 0 14 | 19 15 | 0 24 | 17 1 | 6 19 | 11 2 | 11 3 | 15 49 | 2 11 | 3 38 |
| M25 | 9 24 | 15 46 | 1 53 | 2 35 | 3 13 | 9 39 | 1 26 | 3 48 | 0 50 | 4 17 | 1 30 | 3 29 | 1 58 | 23 28 | 0 14 | 19 16 | 0 24 | 17 1 | 6 19 | 11 2 | 11 4 | 15 48 | 2 12 | 3 38 |
| T 26 | 9 1 | 13 17 | 0 50 | 2 42 | 3 23 | 9 11 | 1 26 | 3 29 | 0 50 | 4 15 | 1 30 | 3 26 | 1 58 | 23 28 | 0 14 | 19 16 | 0 24 | 17 1 | 6 19 | 11 2 | 11 5 | 15 47 | 2 14 | 3 38 |
| W27 | 8 39 | 10 14 | 0s16 | 2 54 | 3 31 | 8 43 | 1 26 | 3 10 | 0 49 | 4 12 | 1 30 | 3 23 | 1 58 | 23 28 | 0 14 | 19 16 | 0 24 | 17 1 | 6 18 | 11 2 | 11 6 | 15 46 | 2 15 | 3 38 |
| T 28 | 8 16 | 6 44 | 1 22 | 3 9 | 3 37 | 8 14 | 1 27 | 2 51 | 0 48 | 4 10 | 1 30 | 3 21 | 1 58 | 23 28 | 0 14 | 19 17 | 0 24 | 17 2 | 6 18 | 11 2 | 11 7 | 15 45 | 2 16 | 3 38 |
| F 29 | 7s54 | 2s56 | 2s24 | 3s29 | 3n41 | 7s46 | 1s27 | 2s32 | 0s48 | 4s 8 | 1n30 | 3s18 | 1s58 | 23s28 | 0s14 | 19n17 | 0s24 | 17n 2 | 6s18 | 11n 2 | 11n 9 | 15s44 | 2n18 | 3n38 |

Julian Day Number = 2600594.5, Delta T = 09m02s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'44, Lahiri = 29°33'45


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## MARCH 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 37 12 | 10♓45'20 | 10♈26 | 11°R21 | 14♓52 | 26♓15 | 13°R57 | 26♓22 | 6♉21 | 1°R56 | 3°R52 | 1°R 9 | 0♍49 | 11♒ 7 | 27♓27 | S 1 |
| S 2 | 10 41 8 | 11°45'44 | 22°53 | 10♓15 | 16° 7 | 27° 2 | 13♎51 | 26°29 | 6°23 | 1♏55 | 3♋51 | 1♍ 8 | 0°45 | 11°14 | 27°31 | S 2 |
| M 3 | 10 45 5 | 12°46'07 | 5♉34 | 9°10 | 17°22 | 27°49 | 13°46 | 26°36 | 6°25 | 1°54 | 3°51 | 1° 6 | 0°42 | 11°21 | 27°34 | M 3 |
| T 4 | 10 49 1 | 13°46'28 | 18°29 | 8° 6 | 18°37 | 28°36 | 13°40 | 26°44 | 6°27 | 1°53 | 3°51 | 1° 5 | 0°39 | 11°27 | 27°38 | T 4 |
| W 5 | 10 52 58 | 14°46'46 | 1♊41 | 7° 5 | 19°52 | 29°23 | 13°34 | 26°51 | 6°29 | 1°52 | 3°50 | 1° 4 | 0°36 | 11°34 | 27°42 | W 5 |
| T 6 | 10 56 54 | 15°47'03 | 15°12 | 6° 8 | 21° 7 | 0♈10 | 13°28 | 26°58 | 6°31 | 1°50 | 3°50 | 1°D 4 | 0°33 | 11°41 | 27°46 | T 6 |
| F 7 | 11 0 51 | 16°47'18 | 29° 3 | 5°16 | 22°22 | 0°57 | 13°22 | 27° 6 | 6°33 | 1°49 | 3°50 | 1° 4 | 0°29 | 11°47 | 27°49 | F 7 |
| S 8 | 11 4 47 | 17°47'30 | 13♋14 | 4°31 | 23°37 | 1°44 | 13°15 | 27°13 | 6°34 | 1°48 | 3°50 | 1° 5 | 0°26 | 11°54 | 27°53 | S 8 |
| S 9 | 11 8 44 | 18°47'41 | 27°43 | 3°51 | 24°52 | 2°31 | 13° 9 | 27°20 | 6°36 | 1°47 | 3°49 | 1° 6 | 0°23 | 12° 1 | 27°57 | S 9 |
| M10 | 11 12 41 | 19°47'50 | 12♌27 | 3°19 | 26° 7 | 3°18 | 13° 2 | 27°28 | 6°38 | 1°46 | 3°49 | 1° 7 | 0°20 | 12° 7 | 28° 1 | M10 |
| T 11 | 11 16 37 | 20°47'56 | 27°21 | 2°53 | 27°22 | 4° 4 | 12°56 | 27°35 | 6°39 | 1°45 | 3°49 | 1°R 8 | 0°17 | 12°14 | 28° 5 | T 11 |
| W12 | 11 20 34 | 21°48'01 | 12♍18 | 2°34 | 28°37 | 4°51 | 12°49 | 27°42 | 6°41 | 1°44 | 3°49 | 1° 8 | 0°14 | 12°21 | 28° 8 | W12 |
| T 13 | 11 24 30 | 22°48'04 | 27° 9 | 2°23 | 29°52 | 5°38 | 12°42 | 27°50 | 6°42 | 1°43 | 3°49 | 1° 6 | 0°10 | 12°27 | 28°12 | T 13 |
| F 14 | 11 28 27 | 23°48'05 | 11♎46 | 2°D17 | 1♈ 6 | 6°24 | 12°35 | 27°57 | 6°44 | 1°42 | 3°49 | 1° 4 | 0° 7 | 12°34 | 28°16 | F 14 |
| S 15 | 11 32 23 | 24°48'04 | 26° 4 | 2°19 | 2°21 | 7°11 | 12°28 | 28° 4 | 6°45 | 1°41 | 3°49 | 1° 1 | 0° 4 | 12°40 | 28°20 | S 15 |
| S 16 | 11 36 20 | 25°48'01 | 9♏57 | 2°26 | 3°36 | 7°58 | 12°21 | 28°12 | 6°47 | 1°41 | 3°49 | 0°57 | 0° 1 | 12°47 | 28°24 | S 16 |
| M17 | 11 40 16 | 26°47'57 | 23°24 | 2°39 | 4°51 | 8°44 | 12°14 | 28°19 | 6°48 | 1°40 | 3°49 | 0°53 | 29♌58 | 12°54 | 28°28 | M17 |
| T 18 | 11 44 13 | 27°47'51 | 6♐25 | 2°58 | 6° 6 | 9°31 | 12° 7 | 28°27 | 6°49 | 1°39 | 3°D49 | 0°51 | 29°54 | 13° 0 | 28°31 | T 18 |
| W19 | 11 48 10 | 28°47'44 | 19° 3 | 3°22 | 7°20 | 10°17 | 11°59 | 28°34 | 6°50 | 1°38 | 3°49 | 0°49 | 29°51 | 13° 7 | 28°35 | W19 |
| T 20 | 11 52 6 | 29°47'35 | 1♑21 | 3°50 | 8°35 | 11° 4 | 11°52 | 28°41 | 6°52 | 1°37 | 3°49 | 0°D48 | 29°48 | 13°14 | 28°39 | T 20 |
| F 21 | 11 56 3 | 0♈47'24 | 13°23 | 4°23 | 9°50 | 11°50 | 11°44 | 28°49 | 6°53 | 1°37 | 3°49 | 0°49 | 29°45 | 13°20 | 28°43 | F 21 |
| S 22 | 11 59 59 | 1°47'12 | 25°16 | 5° 1 | 11° 4 | 12°36 | 11°37 | 28°56 | 6°54 | 1°36 | 3°49 | 0°51 | 29°42 | 13°27 | 28°47 | S 22 |
| S 23 | 12 3 56 | 2°46'58 | 7♒ 4 | 5°42 | 12°19 | 13°23 | 11°29 | 29° 4 | 6°55 | 1°35 | 3°49 | 0°53 | 29°39 | 13°34 | 28°51 | S 23 |
| M24 | 12 7 52 | 3°46'42 | 18°51 | 6°28 | 13°34 | 14° 9 | 11°22 | 29°11 | 6°56 | 1°35 | 3°49 | 0°54 | 29°35 | 13°40 | 28°54 | M24 |
| T 25 | 12 11 49 | 4°46'24 | 0♓42 | 7°16 | 14°48 | 14°55 | 11°14 | 29°18 | 6°57 | 1°34 | 3°49 | 0°R55 | 29°32 | 13°47 | 28°58 | T 25 |
| W26 | 12 15 45 | 5°46'05 | 12°40 | 8° 8 | 16° 3 | 15°42 | 11° 6 | 29°26 | 6°57 | 1°34 | 3°49 | 0°54 | 29°29 | 13°54 | 29° 2 | W26 |
| T 27 | 12 19 42 | 6°45'43 | 24°48 | 9° 3 | 17°18 | 16°28 | 10°59 | 29°33 | 6°58 | 1°33 | 3°50 | 0°52 | 29°26 | 14° 0 | 29° 6 | T 27 |
| F 28 | 12 23 38 | 7°45'20 | 7♈ 8 | 10° 1 | 18°32 | 17°14 | 10°51 | 29°40 | 6°59 | 1°33 | 3°50 | 0°47 | 29°23 | 14° 7 | 29°10 | F 28 |
| S 29 | 12 27 35 | 8°44'54 | 19°41 | 11° 2 | 19°47 | 18° 0 | 10°43 | 29°48 | 7° 0 | 1°32 | 3°50 | 0°41 | 29°20 | 14°14 | 29°13 | S 29 |
| S 30 | 12 31 32 | 9°44'27 | 2♉27 | 12° 6 | 21° 1 | 18°46 | 10°35 | 29°55 | 7° 0 | 1°32 | 3°50 | 0°35 | 29°16 | 14°20 | 29°17 | S 30 |
| M31 | 12 35 28 | 10♈43'58 | 15♉27 | 13♓11 | 22♈16 | 19♈32 | 10♎28 | 0♈ 2 | 7♑ 1 | 1♏31 | 3♋51 | 0♍28 | 29♌13 | 14♒27 | 29♓21 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s31 | 1n 2 | 3s21 | 3s52 | 3n42 | 7s17 | 1s27 | 2s13 | 0s47 | 4s 6 | 1n31 | 3s15 | 1s58 | 23s28 | 0s14 | 19n17 | 0s24 | 17n 2 | 6s18 | 11n 2 | 11n10 | 15s43 | 2n19 | 3n37 |
| S 2 | 7 8 | 5 1 | 4 9 | 4 17 | 3 41 | 6 48 | 1 27 | 1 54 | 0 47 | 4 4 | 1 31 | 3 12 | 1 58 | 23 28 | 0 14 | 19 18 | 0 24 | 17 2 | 6 18 | 11 3 | 11 11 | 15 42 | 2 20 | 3 37 |
| M 3 | 6 45 | 8 50 | 4 46 | 4 45 | 3 38 | 6 19 | 1 27 | 1 34 | 0 46 | 4 1 | 1 31 | 3 9 | 1 58 | 23 28 | 0 14 | 19 18 | 0 24 | 17 2 | 6 17 | 11 3 | 11 12 | 15 41 | 2 22 | 3 37 |
| T 4 | 6 22 | 12 20 | 5 9 | 5 13 | 3 33 | 5 49 | 1 26 | 1 15 | 0 46 | 3 59 | 1 31 | 3 6 | 1 58 | 23 27 | 0 14 | 19 18 | 0 24 | 17 3 | 6 17 | 11 4 | 11 13 | 15 40 | 2 23 | 3 37 |
| W 5 | 5 59 | 15 16 | 5 17 | 5 42 | 3 26 | 5 20 | 1 26 | 0 56 | 0 45 | 3 56 | 1 31 | 3 3 | 1 58 | 23 27 | 0 14 | 19 18 | 0 24 | 17 3 | 6 17 | 11 4 | 11 14 | 15 39 | 2 24 | 3 37 |
| T 6 | 5 36 | 17 28 | 5 7 | 6 11 | 3 17 | 4 50 | 1 26 | 0 37 | 0 45 | 3 54 | 1 31 | 3 0 | 1 58 | 23 27 | 0 14 | 19 19 | 0 24 | 17 3 | 6 17 | 11 4 | 11 15 | 15 38 | 2 26 | 3 37 |
| F 7 | 5 12 | 18 43 | 4 40 | 6 40 | 3 7 | 4 20 | 1 26 | 0 18 | 0 44 | 3 51 | 1 32 | 2 58 | 1 58 | 23 27 | 0 14 | 19 19 | 0 24 | 17 3 | 6 17 | 11 4 | 11 16 | 15 37 | 2 27 | 3 37 |
| S 8 | 4 49 | 18 50 | 3 55 | 7 7 | 2 55 | 3 50 | 1 25 | 0n 1 | 0 44 | 3 49 | 1 32 | 2 55 | 1 58 | 23 27 | 0 14 | 19 19 | 0 24 | 17 3 | 6 17 | 11 4 | 11 18 | 15 36 | 2 29 | 3 37 |
| S 9 | 4 25 | 17 43 | 2 55 | 7 33 | 2 43 | 3 20 | 1 25 | 0 20 | 0 43 | 3 46 | 1 32 | 2 52 | 1 58 | 23 27 | 0 14 | 19 19 | 0 24 | 17 4 | 6 16 | 11 3 | 11 19 | 15 35 | 2 30 | 3 37 |
| M10 | 4 2 | 15 24 | 1 42 | 7 57 | 2 30 | 2 50 | 1 24 | 0 39 | 0 42 | 3 43 | 1 32 | 2 49 | 1 58 | 23 27 | 0 14 | 19 20 | 0 24 | 17 4 | 6 16 | 11 3 | 11 20 | 15 34 | 2 31 | 3 36 |
| T 11 | 3 38 | 12 2 | 0 21 | 8 18 | 2 16 | 2 20 | 1 24 | 0 59 | 0 42 | 3 41 | 1 32 | 2 46 | 1 58 | 23 27 | 0 14 | 19 20 | 0 24 | 17 4 | 6 16 | 11 3 | 11 21 | 15 33 | 2 33 | 3 36 |
| W12 | 3 15 | 7 53 | 1n 1 | 8 38 | 2 2 | 1 49 | 1 23 | 1 18 | 0 41 | 3 38 | 1 32 | 2 43 | 1 58 | 23 27 | 0 14 | 19 20 | 0 24 | 17 4 | 6 16 | 11 3 | 11 22 | 15 32 | 2 34 | 3 36 |
| T 13 | 2 51 | 3 15 | 2 19 | 8 56 | 1 48 | 1 19 | 1 22 | 1 37 | 0 41 | 3 35 | 1 32 | 2 40 | 1 58 | 23 27 | 0 14 | 19 20 | 0 24 | 17 4 | 6 16 | 11 3 | 11 23 | 15 31 | 2 36 | 3 36 |
| F 14 | 2 27 | 1s29 | 3 26 | 9 11 | 1 33 | 0 48 | 1 21 | 1 55 | 0 40 | 3 32 | 1 33 | 2 37 | 1 58 | 23 27 | 0 14 | 19 21 | 0 24 | 17 5 | 6 15 | 11 4 | 11 24 | 15 30 | 2 37 | 3 36 |
| S 15 | 2 4 | 6 2 | 4 18 | 9 24 | 1 19 | 0 18 | 1 21 | 2 14 | 0 39 | 3 30 | 1 33 | 2 34 | 1 58 | 23 27 | 0 14 | 19 21 | 0 24 | 17 5 | 6 15 | 11 5 | 11 25 | 15 29 | 2 39 | 3 36 |
| S 16 | 1 40 | 10 7 | 4 54 | 9 34 | 1 5 | 0n12 | 1 20 | 2 33 | 0 39 | 3 27 | 1 33 | 2 31 | 1 58 | 23 27 | 0 14 | 19 21 | 0 24 | 17 5 | 6 15 | 11 7 | 11 26 | 15 28 | 2 40 | 3 36 |
| M17 | 1 16 | 13 33 | 5 12 | 9 42 | 0 51 | 0 43 | 1 19 | 2 52 | 0 38 | 3 24 | 1 33 | 2 28 | 1 58 | 23 27 | 0 14 | 19 21 | 0 24 | 17 5 | 6 15 | 11 8 | 11 28 | 15 27 | 2 41 | 3 36 |
| T 18 | 0 52 | 16 11 | 5 13 | 9 48 | 0 38 | 1 13 | 1 18 | 3 11 | 0 38 | 3 21 | 1 33 | 2 26 | 1 58 | 23 27 | 0 14 | 19 21 | 0 24 | 17 5 | 6 15 | 11 9 | 11 29 | 15 26 | 2 43 | 3 36 |
| W19 | 0 29 | 17 58 | 4 59 | 9 52 | 0 25 | 1 44 | 1 17 | 3 30 | 0 37 | 3 18 | 1 33 | 2 23 | 1 58 | 23 27 | 0 14 | 19 22 | 0 24 | 17 5 | 6 14 | 11 10 | 11 30 | 15 25 | 2 44 | 3 36 |
| T 20 | 0 5 | 18 51 | 4 31 | 9 54 | 0 12 | 2 14 | 1 15 | 3 48 | 0 36 | 3 15 | 1 33 | 2 20 | 1 58 | 23 27 | 0 14 | 19 22 | 0 24 | 17 6 | 6 14 | 11 10 | 11 31 | 15 24 | 2 46 | 3 36 |
| F 21 | 0n19 | 18 52 | 3 52 | 9 53 | 0s 0 | 2 45 | 1 14 | 4 7 | 0 36 | 3 12 | 1 33 | 2 17 | 1 58 | 23 27 | 0 14 | 19 22 | 0 24 | 17 6 | 6 14 | 11 9 | 11 32 | 15 23 | 2 47 | 3 36 |
| S 22 | 0 43 | 18 2 | 3 3 | 9 51 | 0 12 | 3 15 | 1 13 | 4 26 | 0 35 | 3 9 | 1 33 | 2 14 | 1 58 | 23 27 | 0 14 | 19 22 | 0 24 | 17 6 | 6 14 | 11 9 | 11 33 | 15 22 | 2 49 | 3 35 |
| S 23 | 1 6 | 16 25 | 2 7 | 9 46 | 0 24 | 3 45 | 1 12 | 4 44 | 0 35 | 3 6 | 1 33 | 2 11 | 1 58 | 23 26 | 0 14 | 19 22 | 0 24 | 17 6 | 6 14 | 11 8 | 11 34 | 15 21 | 2 50 | 3 35 |
| M24 | 1 30 | 14 6 | 1 6 | 9 40 | 0 35 | 4 16 | 1 10 | 5 3 | 0 34 | 3 3 | 1 33 | 2 8 | 1 58 | 23 26 | 0 14 | 19 22 | 0 24 | 17 6 | 6 13 | 11 8 | 11 35 | 15 20 | 2 52 | 3 35 |
| T 25 | 1 54 | 11 11 | 0 1 | 9 31 | 0 45 | 4 46 | 1 9 | 5 21 | 0 33 | 3 0 | 1 34 | 2 5 | 1 58 | 23 26 | 0 14 | 19 23 | 0 24 | 17 7 | 6 13 | 11 7 | 11 36 | 15 19 | 2 53 | 3 35 |
| W26 | 2 17 | 7 47 | 1s 4 | 9 21 | 0 55 | 5 16 | 1 7 | 5 40 | 0 33 | 2 57 | 1 34 | 2 2 | 1 58 | 23 26 | 0 14 | 19 23 | 0 24 | 17 7 | 6 13 | 11 8 | 11 38 | 15 17 | 2 55 | 3 35 |
| T 27 | 2 41 | 4 0 | 2 7 | 9 9 | 1 5 | 5 46 | 1 6 | 5 58 | 0 32 | 2 54 | 1 34 | 1 59 | 1 59 | 23 26 | 0 14 | 19 23 | 0 24 | 17 7 | 6 13 | 11 9 | 11 39 | 15 16 | 2 56 | 3 35 |
| F 28 | 3 4 | 0 0 | 3 5 | 8 56 | 1 14 | 6 15 | 1 4 | 6 16 | 0 32 | 2 51 | 1 34 | 1 57 | 1 59 | 23 26 | 0 14 | 19 23 | 0 24 | 17 7 | 6 13 | 11 10 | 11 40 | 15 15 | 2 58 | 3 35 |
| S 29 | 3 28 | 4n 3 | 3 55 | 8 41 | 1 22 | 6 45 | 1 3 | 6 34 | 0 31 | 2 48 | 1 34 | 1 54 | 1 59 | 23 26 | 0 14 | 19 23 | 0 24 | 17 7 | 6 13 | 11 12 | 11 41 | 15 14 | 2 59 | 3 35 |
| S 30 | 3 51 | 8 1 | 4 34 | 8 24 | 1 30 | 7 15 | 1 1 | 6 52 | 0 30 | 2 45 | 1 34 | 1 51 | 1 59 | 23 26 | 0 14 | 19 23 | 0 24 | 17 8 | 6 12 | 11 15 | 11 42 | 15 13 | 3 0 | 3 35 |
| M31 | 4n14 | 11n39 | 4s59 | 8s 6 | 1s38 | 7n44 | 0s59 | 7n10 | 0s30 | 2s42 | 1n34 | 1s48 | 1s59 | 23s26 | 0s14 | 19n23 | 0s24 | 17n 8 | 6s12 | 11n17 | 11n43 | 15s12 | 3n 2 | 3n35 |

Julian Day Number = 2600623.5, Delta T = 09m02s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'48, Lahiri = 29°33'49


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## APRIL 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 39 25 | 11♈43'26 | 28♉40 | 14♓19 | 23♈30 | 20♈18 | 10°R20 | 0♈10 | 7♑ 1 | 1°R31 | 3♋51 | 0°R21 | 29♌10 | 14♒34 | 29♓25 | T 1 |
| W 2 | 12 43 21 | 12°42'52 | 12♊ 6 | 15°30 | 24°45 | 21° 4 | 10♎12 | 0°17 | 7° 2 | 1♌31 | 3°51 | 0♍16 | 29° 7 | 14°40 | 29°29 | W 2 |
| T 3 | 12 47 18 | 13°42'16 | 25°44 | 16°42 | 25°59 | 21°50 | 10° 4 | 0°24 | 7° 2 | 1°30 | 3°52 | 0°12 | 29° 4 | 14°47 | 29°32 | T 3 |
| F 4 | 12 51 14 | 14°41'38 | 9♋33 | 17°57 | 27°13 | 22°36 | 9°57 | 0°32 | 7° 3 | 1°30 | 3°52 | 0°D11 | 29° 0 | 14°53 | 29°36 | F 4 |
| S 5 | 12 55 11 | 15°40'57 | 23°34 | 19°13 | 28°28 | 23°22 | 9°49 | 0°39 | 7° 3 | 1°30 | 3°52 | 0°11 | 28°57 | 15° 0 | 29°40 | S 5 |
| S 6 | 12 59 7 | 16°40'14 | 7♌46 | 20°32 | 29°42 | 24° 8 | 9°41 | 0°46 | 7° 3 | 1°30 | 3°53 | 0°12 | 28°54 | 15° 7 | 29°43 | S 6 |
| M 7 | 13 3 4 | 17°39'29 | 22° 8 | 21°52 | 0♉56 | 24°53 | 9°34 | 0°53 | 7° 3 | 1°29 | 3°53 | 0°13 | 28°51 | 15°13 | 29°47 | M 7 |
| T 8 | 13 7 1 | 18°38'41 | 6♍36 | 23°14 | 2°11 | 25°39 | 9°26 | 1° 0 | 7° 4 | 1°29 | 3°54 | 0°R13 | 28°48 | 15°20 | 29°51 | T 8 |
| W 9 | 13 10 57 | 19°37'51 | 21° 7 | 24°37 | 3°25 | 26°25 | 9°18 | 1° 8 | 7° 4 | 1°29 | 3°54 | 0°11 | 28°45 | 15°27 | 29°55 | W 9 |
| T 10 | 13 14 54 | 20°36'59 | 5♎36 | 26° 3 | 4°39 | 27°10 | 9°11 | 1°15 | 7° 4 | 1°29 | 3°55 | 0° 7 | 28°41 | 15°33 | 29°58 | T 10 |
| F 11 | 13 18 50 | 21°36'05 | 19°57 | 27°30 | 5°53 | 27°56 | 9° 3 | 1°22 | 7°R 4 | 1°D29 | 3°55 | 0° 1 | 28°38 | 15°40 | 0♈ 2 | F 11 |
| S 12 | 13 22 47 | 22°35'09 | 4♏ 4 | 28°58 | 7° 7 | 28°41 | 8°56 | 1°29 | 7° 4 | 1°29 | 3°56 | 29♌53 | 28°35 | 15°47 | 0° 5 | S 12 |
| S 13 | 13 26 43 | 23°34'11 | 17°51 | 0♈29 | 8°21 | 29°27 | 8°49 | 1°36 | 7° 4 | 1°29 | 3°56 | 29°44 | 28°32 | 15°53 | 0° 9 | S 13 |
| M14 | 13 30 40 | 24°33'11 | 1♐17 | 2° 0 | 9°35 | 0♉12 | 8°41 | 1°43 | 7° 3 | 1°29 | 3°57 | 29°35 | 28°29 | 16° 0 | 0°13 | M14 |
| T 15 | 13 34 36 | 25°32'09 | 14°19 | 3°34 | 10°50 | 0°58 | 8°34 | 1°50 | 7° 3 | 1°29 | 3°58 | 29°27 | 28°26 | 16° 7 | 0°16 | T 15 |
| W16 | 13 38 33 | 26°31'05 | 26°59 | 5° 9 | 12° 4 | 1°43 | 8°27 | 1°57 | 7° 3 | 1°29 | 3°58 | 29°21 | 28°22 | 16°13 | 0°20 | W16 |
| T 17 | 13 42 30 | 27°30'00 | 9♑19 | 6°45 | 13°18 | 2°28 | 8°20 | 2° 4 | 7° 3 | 1°30 | 3°59 | 29°17 | 28°19 | 16°20 | 0°23 | T 17 |
| F 18 | 13 46 26 | 28°28'53 | 21°24 | 8°23 | 14°32 | 3°14 | 8°13 | 2°11 | 7° 2 | 1°30 | 4° 0 | 29°15 | 28°16 | 16°27 | 0°27 | F 18 |
| S 19 | 13 50 23 | 29°27'44 | 3♒18 | 10° 3 | 15°46 | 3°59 | 8° 6 | 2°18 | 7° 2 | 1°30 | 4° 0 | 29°D15 | 28°13 | 16°33 | 0°30 | S 19 |
| S 20 | 13 54 19 | 0♉26'34 | 15° 6 | 11°44 | 16°59 | 4°44 | 8° 0 | 2°25 | 7° 2 | 1°30 | 4° 1 | 29°15 | 28°10 | 16°40 | 0°34 | S 20 |
| M21 | 13 58 16 | 1°25'22 | 26°55 | 13°27 | 18°13 | 5°29 | 7°53 | 2°31 | 7° 1 | 1°31 | 4° 2 | 29°R16 | 28° 6 | 16°46 | 0°37 | M21 |
| T 22 | 14 2 12 | 2°24'08 | 8♓48 | 15°11 | 19°27 | 6°14 | 7°46 | 2°38 | 7° 0 | 1°31 | 4° 2 | 29°16 | 28° 3 | 16°53 | 0°40 | T 22 |
| W23 | 14 6 9 | 3°22'52 | 20°51 | 16°57 | 20°41 | 6°59 | 7°40 | 2°45 | 7° 0 | 1°31 | 4° 3 | 29°13 | 28° 0 | 17° 0 | 0°44 | W23 |
| T 24 | 14 10 5 | 4°21'34 | 3♈ 8 | 18°45 | 21°55 | 7°44 | 7°34 | 2°52 | 6°59 | 1°32 | 4° 4 | 29° 9 | 27°57 | 17° 6 | 0°47 | T 24 |
| F 25 | 14 14 2 | 5°20'15 | 15°41 | 20°34 | 23° 9 | 8°29 | 7°27 | 2°58 | 6°59 | 1°32 | 4° 5 | 29° 1 | 27°54 | 17°13 | 0°50 | F 25 |
| S 26 | 14 17 58 | 6°18'54 | 28°32 | 22°24 | 24°22 | 9°14 | 7°21 | 3° 5 | 6°58 | 1°33 | 4° 6 | 28°52 | 27°51 | 17°20 | 0°54 | S 26 |
| S 27 | 14 21 55 | 7°17'31 | 11♉39 | 24°17 | 25°36 | 9°58 | 7°15 | 3°11 | 6°57 | 1°33 | 4° 7 | 28°40 | 27°47 | 17°26 | 0°57 | S 27 |
| M28 | 14 25 52 | 8°16'06 | 25° 3 | 26°11 | 26°50 | 10°43 | 7°10 | 3°18 | 6°56 | 1°34 | 4° 7 | 28°29 | 27°44 | 17°33 | 1° 0 | M28 |
| T 29 | 14 29 48 | 9°14'39 | 8♊41 | 28° 6 | 28° 4 | 11°28 | 7° 4 | 3°25 | 6°55 | 1°34 | 4° 8 | 28°18 | 27°41 | 17°40 | 1° 3 | T 29 |
| W30 | 14 33 45 | 10♉13'11 | 22♊29 | 0♉ 3 | 29♉17 | 12♉13 | 6♎58 | 3♈31 | 6♑54 | 1♌35 | 4♋ 9 | 28♌ 9 | 27♌38 | 17♒46 | 1♈ 7 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n38 | 14n47 | 5s10 | 7s46 | 1s45 | 8n13 | 0s57 | 7n28 | 0s29 | 2s39 | 1n34 | 1s45 | 1s59 | 23s26 | 0s14 | 19n24 | 0s24 | 17n 8 | 6s12 | 11n19 | 11n44 | 15s11 | 3n 3 | 3n35 |
| W 2 | 5 1 | 17 11 | 5 3 | 7 25 | 1 52 | 8 42 | 0 56 | 7 46 | 0 28 | 2 36 | 1 34 | 1 42 | 1 59 | 23 26 | 0 14 | 19 24 | 0 24 | 17 8 | 6 12 | 11 21 | 11 45 | 15 10 | 3 5 | 3 35 |
| T 3 | 5 24 | 18 39 | 4 40 | 7 3 | 1 58 | 9 11 | 0 54 | 8 4 | 0 28 | 2 33 | 1 34 | 1 40 | 1 59 | 23 26 | 0 14 | 19 24 | 0 24 | 17 8 | 6 12 | 11 22 | 11 46 | 15 9 | 3 6 | 3 35 |
| F 4 | 5 47 | 19 3 | 4 0 | 6 39 | 2 3 | 9 39 | 0 52 | 8 21 | 0 27 | 2 30 | 1 34 | 1 37 | 1 59 | 23 26 | 0 15 | 19 24 | 0 24 | 17 8 | 6 11 | 11 23 | 11 48 | 15 8 | 3 8 | 3 35 |
| S 5 | 6 10 | 18 17 | 3 5 | 6 13 | 2 8 | 10 8 | 0 50 | 8 39 | 0 27 | 2 27 | 1 34 | 1 34 | 1 59 | 23 26 | 0 15 | 19 24 | 0 24 | 17 9 | 6 11 | 11 23 | 11 49 | 15 7 | 3 9 | 3 35 |
| S 6 | 6 32 | 16 22 | 1 58 | 5 47 | 2 13 | 10 36 | 0 48 | 8 56 | 0 26 | 2 24 | 1 34 | 1 31 | 1 59 | 23 26 | 0 15 | 19 24 | 0 24 | 17 9 | 6 11 | 11 23 | 11 50 | 15 5 | 3 11 | 3 35 |
| M 7 | 6 55 | 13 25 | 0 44 | 5 19 | 2 17 | 11 4 | 0 46 | 9 13 | 0 25 | 2 21 | 1 34 | 1 28 | 1 59 | 23 26 | 0 15 | 19 24 | 0 24 | 17 9 | 6 11 | 11 22 | 11 51 | 15 4 | 3 12 | 3 35 |
| T 8 | 7 17 | 9 36 | 0n34 | 4 50 | 2 20 | 11 31 | 0 44 | 9 31 | 0 25 | 2 18 | 1 34 | 1 26 | 1 59 | 23 26 | 0 15 | 19 24 | 0 23 | 17 9 | 6 11 | 11 22 | 11 52 | 15 3 | 3 14 | 3 35 |
| W 9 | 7 40 | 5 12 | 1 50 | 4 20 | 2 23 | 11 58 | 0 41 | 9 48 | 0 24 | 2 15 | 1 34 | 1 23 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 9 | 6 10 | 11 23 | 11 53 | 15 2 | 3 15 | 3 35 |
| T 10 | 8 2 | 0 31 | 2 59 | 3 48 | 2 26 | 12 25 | 0 39 | 10 5 | 0 23 | 2 12 | 1 34 | 1 20 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 9 | 6 10 | 11 24 | 11 54 | 15 1 | 3 17 | 3 35 |
| F 11 | 8 24 | 4s 9 | 3 55 | 3 16 | 2 28 | 12 52 | 0 37 | 10 22 | 0 23 | 2 9 | 1 33 | 1 17 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 10 | 6 10 | 11 26 | 11 55 | 15 0 | 3 18 | 3 35 |
| S 12 | 8 46 | 8 30 | 4 36 | 2 42 | 2 30 | 13 19 | 0 35 | 10 38 | 0 22 | 2 6 | 1 33 | 1 15 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 10 | 6 10 | 11 29 | 11 56 | 14 59 | 3 19 | 3 35 |
| S 13 | 9 8 | 12 19 | 5 0 | 2 7 | 2 31 | 13 45 | 0 33 | 10 55 | 0 21 | 2 3 | 1 33 | 1 12 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 10 | 6 10 | 11 32 | 11 57 | 14 58 | 3 21 | 3 35 |
| M14 | 9 30 | 15 22 | 5 6 | 1 31 | 2 31 | 14 10 | 0 30 | 11 12 | 0 21 | 2 1 | 1 33 | 1 9 | 2 0 | 23 26 | 0 15 | 19 24 | 0 23 | 17 10 | 6 10 | 11 36 | 11 59 | 14 56 | 3 22 | 3 35 |
| T 15 | 9 51 | 17 34 | 4 56 | 0 54 | 2 31 | 14 36 | 0 28 | 11 28 | 0 20 | 1 58 | 1 33 | 1 7 | 2 0 | 23 27 | 0 15 | 19 24 | 0 23 | 17 10 | 6 9 | 11 38 | 12 0 | 14 55 | 3 24 | 3 35 |
| W16 | 10 12 | 18 49 | 4 32 | 0 16 | 2 31 | 15 1 | 0 26 | 11 44 | 0 19 | 1 55 | 1 33 | 1 4 | 2 0 | 23 27 | 0 15 | 19 24 | 0 23 | 17 10 | 6 9 | 11 40 | 12 1 | 14 54 | 3 25 | 3 35 |
| T 17 | 10 34 | 19 9 | 3 55 | 0n23 | 2 30 | 15 25 | 0 23 | 12 1 | 0 19 | 1 52 | 1 33 | 1 1 | 2 0 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 9 | 11 42 | 12 2 | 14 53 | 3 27 | 3 35 |
| F 18 | 10 55 | 18 35 | 3 9 | 1 2 | 2 29 | 15 50 | 0 21 | 12 17 | 0 18 | 1 50 | 1 33 | 0 59 | 2 0 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 9 | 11 42 | 12 3 | 14 52 | 3 28 | 3 35 |
| S 19 | 11 15 | 17 11 | 2 15 | 1 43 | 2 27 | 16 14 | 0 18 | 12 32 | 0 18 | 1 47 | 1 33 | 0 56 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 9 | 11 43 | 12 4 | 14 51 | 3 29 | 3 35 |
| S 20 | 11 36 | 15 4 | 1 15 | 2 25 | 2 24 | 16 37 | 0 16 | 12 48 | 0 17 | 1 45 | 1 33 | 0 53 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 8 | 11 42 | 12 5 | 14 49 | 3 31 | 3 35 |
| M21 | 11 57 | 12 19 | 0 13 | 3 7 | 2 22 | 17 0 | 0 13 | 13 4 | 0 16 | 1 42 | 1 33 | 0 51 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 8 | 11 42 | 12 6 | 14 48 | 3 32 | 3 35 |
| T 22 | 12 17 | 9 2 | 0s51 | 3 51 | 2 18 | 17 23 | 0 11 | 13 19 | 0 16 | 1 40 | 1 32 | 0 48 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 11 | 6 8 | 11 42 | 12 7 | 14 47 | 3 34 | 3 35 |
| W23 | 12 37 | 5 21 | 1 53 | 4 35 | 2 14 | 17 45 | 0 8 | 13 35 | 0 15 | 1 37 | 1 32 | 0 46 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 8 | 11 43 | 12 8 | 14 46 | 3 35 | 3 35 |
| T 24 | 12 57 | 1 22 | 2 50 | 5 20 | 2 10 | 18 7 | 0 6 | 13 50 | 0 14 | 1 35 | 1 32 | 0 43 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 8 | 11 45 | 12 10 | 14 45 | 3 36 | 3 35 |
| F 25 | 13 16 | 2n45 | 3 41 | 6 5 | 2 5 | 18 28 | 0 3 | 14 5 | 0 14 | 1 33 | 1 32 | 0 41 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 8 | 11 47 | 12 11 | 14 44 | 3 38 | 3 35 |
| S 26 | 13 36 | 6 51 | 4 22 | 6 51 | 1 59 | 18 49 | 0 1 | 14 20 | 0 13 | 1 30 | 1 32 | 0 38 | 2 1 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 7 | 11 51 | 12 12 | 14 42 | 3 39 | 3 35 |
| S 27 | 13 55 | 10 42 | 4 49 | 7 38 | 1 54 | 19 9 | 0n 2 | 14 35 | 0 12 | 1 28 | 1 32 | 0 36 | 2 2 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 7 | 11 55 | 12 13 | 14 41 | 3 40 | 3 35 |
| M28 | 14 14 | 14 6 | 5 2 | 8 25 | 1 47 | 19 29 | 0 5 | 14 49 | 0 12 | 1 26 | 1 32 | 0 33 | 2 2 | 23 27 | 0 15 | 19 24 | 0 23 | 17 12 | 6 7 | 11 59 | 12 14 | 14 40 | 3 42 | 3 35 |
| T 29 | 14 32 | 16 48 | 4 57 | 9 13 | 1 40 | 19 48 | 0 7 | 15 4 | 0 11 | 1 24 | 1 31 | 0 31 | 2 2 | 23 27 | 0 15 | 19 23 | 0 23 | 17 12 | 6 7 | 12 2 | 12 15 | 14 39 | 3 43 | 3 36 |
| W30 | 14n51 | 18n35 | 4s36 | 10n 1 | 1s33 | 20n 7 | 0n10 | 15n18 | 0s10 | 1s22 | 1n31 | 0s28 | 2s 2 | 23s27 | 0s15 | 19n23 | 0s23 | 17n13 | 6s 7 | 12n 5 | 12n16 | 14s38 | 3n44 | 3n36 |

Julian Day Number = 2600654.5, Delta T = 09m02s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'52, Lahiri = 29°33'53


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## MAY 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 37 41 | 11♉11'40 | 6♋25 | 2♉ 2 | 0♊31 | 12♉57 | 6°R53 | 3♈37 | 6°R53 | 1♌35 | 4♋10 | 28°R 2 | 27♌35 | 17♒53 | 1♈10 | T 1 |
| F 2 | 14 41 38 | 12°10'07 | 20°26 | 4° 2 | 1°44 | 13°42 | 6♎48 | 3°44 | 6♏52 | 1°36 | 4°11 | 27♌58 | 27°31 | 18° 0 | 1°13 | F 2 |
| S 3 | 14 45 34 | 13° 8'32 | 4♌30 | 6° 4 | 2°58 | 14°26 | 6°43 | 3°50 | 6°51 | 1°37 | 4°12 | 27°57 | 27°28 | 18° 6 | 1°16 | S 3 |
| S 4 | 14 49 31 | 14° 6'55 | 18°36 | 8° 7 | 4°11 | 15°11 | 6°38 | 3°56 | 6°50 | 1°38 | 4°13 | 27°D56 | 27°25 | 18°13 | 1°19 | S 4 |
| M 5 | 14 53 28 | 15° 5'15 | 2♍44 | 10°12 | 5°25 | 15°55 | 6°33 | 4° 3 | 6°49 | 1°38 | 4°14 | 27°R56 | 27°22 | 18°20 | 1°22 | M 5 |
| T 6 | 14 57 24 | 16° 3'34 | 16°52 | 12°18 | 6°38 | 16°39 | 6°28 | 4° 9 | 6°48 | 1°39 | 4°15 | 27°55 | 27°19 | 18°26 | 1°25 | T 6 |
| W 7 | 15 1 21 | 17° 1'50 | 0♎58 | 14°25 | 7°52 | 17°24 | 6°24 | 4°15 | 6°46 | 1°40 | 4°16 | 27°52 | 27°16 | 18°33 | 1°28 | W 7 |
| T 8 | 15 5 17 | 18° 0'05 | 15° 1 | 16°33 | 9° 5 | 18° 8 | 6°19 | 4°21 | 6°45 | 1°41 | 4°17 | 27°46 | 27°12 | 18°39 | 1°31 | T 8 |
| F 9 | 15 9 14 | 18°58'17 | 28°56 | 18°42 | 10°18 | 18°52 | 6°15 | 4°27 | 6°44 | 1°42 | 4°18 | 27°37 | 27° 9 | 18°46 | 1°34 | F 9 |
| S 10 | 15 13 10 | 19°56'28 | 12♏41 | 20°51 | 11°32 | 19°36 | 6°11 | 4°33 | 6°42 | 1°43 | 4°19 | 27°26 | 27° 6 | 18°53 | 1°36 | S 10 |
| S 11 | 15 17 7 | 20°54'37 | 26°11 | 23° 1 | 12°45 | 20°20 | 6° 7 | 4°39 | 6°41 | 1°44 | 4°20 | 27°14 | 27° 3 | 18°59 | 1°39 | S 11 |
| M12 | 15 21 3 | 21°52'44 | 9♐24 | 25°11 | 13°58 | 21° 4 | 6° 4 | 4°45 | 6°40 | 1°45 | 4°21 | 27° 2 | 27° 0 | 19° 6 | 1°42 | M12 |
| T 13 | 15 25 0 | 22°50'50 | 22°18 | 27°21 | 15°11 | 21°48 | 6° 0 | 4°50 | 6°38 | 1°46 | 4°22 | 26°50 | 26°57 | 19°13 | 1°45 | T 13 |
| W14 | 15 28 56 | 23°48'55 | 4♑53 | 29°31 | 16°25 | 22°32 | 5°57 | 4°56 | 6°36 | 1°47 | 4°24 | 26°41 | 26°53 | 19°19 | 1°47 | W14 |
| T 15 | 15 32 53 | 24°46'58 | 17°11 | 1♊40 | 17°38 | 23°16 | 5°54 | 5° 2 | 6°35 | 1°48 | 4°25 | 26°34 | 26°50 | 19°26 | 1°50 | T 15 |
| F 16 | 15 36 50 | 25°44'59 | 29°15 | 3°47 | 18°51 | 24° 0 | 5°51 | 5° 7 | 6°33 | 1°49 | 4°26 | 26°30 | 26°47 | 19°33 | 1°52 | F 16 |
| S 17 | 15 40 46 | 26°42'59 | 11♒ 9 | 5°54 | 20° 4 | 24°44 | 5°48 | 5°13 | 6°32 | 1°50 | 4°27 | 26°28 | 26°44 | 19°39 | 1°55 | S 17 |
| S 18 | 15 44 43 | 27°40'58 | 22°58 | 7°59 | 21°17 | 25°27 | 5°45 | 5°18 | 6°30 | 1°51 | 4°28 | 26°28 | 26°41 | 19°46 | 1°58 | S 18 |
| M19 | 15 48 39 | 28°38'56 | 4♓47 | 10° 3 | 22°30 | 26°11 | 5°43 | 5°24 | 6°28 | 1°52 | 4°29 | 26°28 | 26°37 | 19°53 | 2° 0 | M19 |
| T 20 | 15 52 36 | 29°36'52 | 16°42 | 12° 4 | 23°43 | 26°55 | 5°40 | 5°29 | 6°26 | 1°53 | 4°31 | 26°27 | 26°34 | 19°59 | 2° 2 | T 20 |
| W21 | 15 56 32 | 0♊34'47 | 28°48 | 14° 3 | 24°56 | 27°38 | 5°38 | 5°34 | 6°25 | 1°55 | 4°32 | 26°25 | 26°31 | 20° 6 | 2° 5 | W21 |
| T 22 | 16 0 29 | 1°32'40 | 11♈10 | 16° 0 | 26° 9 | 28°22 | 5°36 | 5°40 | 6°23 | 1°56 | 4°33 | 26°20 | 26°28 | 20°12 | 2° 7 | T 22 |
| F 23 | 16 4 25 | 2°30'33 | 23°51 | 17°54 | 27°22 | 29° 5 | 5°35 | 5°45 | 6°21 | 1°57 | 4°34 | 26°13 | 26°25 | 20°19 | 2° 9 | F 23 |
| S 24 | 16 8 22 | 3°28'24 | 6♉54 | 19°45 | 28°34 | 29°48 | 5°33 | 5°50 | 6°19 | 1°59 | 4°36 | 26° 3 | 26°22 | 20°26 | 2°12 | S 24 |
| S 25 | 16 12 19 | 4°26'14 | 20°19 | 21°34 | 29°47 | 0♊32 | 5°32 | 5°55 | 6°17 | 2° 0 | 4°37 | 25°51 | 26°18 | 20°32 | 2°14 | S 25 |
| M26 | 16 16 15 | 5°24'03 | 4♊ 4 | 23°19 | 1♋ 0 | 1°15 | 5°30 | 6° 0 | 6°15 | 2° 1 | 4°38 | 25°39 | 26°15 | 20°39 | 2°16 | M26 |
| T 27 | 16 20 12 | 6°21'50 | 18° 6 | 25° 2 | 2°13 | 1°58 | 5°29 | 6° 5 | 6°13 | 2° 3 | 4°39 | 25°28 | 26°12 | 20°46 | 2°18 | T 27 |
| W28 | 16 24 8 | 7°19'36 | 2♋20 | 26°41 | 3°25 | 2°42 | 5°28 | 6° 9 | 6°11 | 2° 4 | 4°41 | 25°18 | 26° 9 | 20°52 | 2°20 | W28 |
| T 29 | 16 28 5 | 8°17'21 | 16°40 | 28°17 | 4°38 | 3°25 | 5°28 | 6°14 | 6° 9 | 2° 6 | 4°42 | 25°11 | 26° 6 | 20°59 | 2°22 | T 29 |
| F 30 | 16 32 1 | 9°15'04 | 1♌ 2 | 29°50 | 5°51 | 4° 8 | 5°27 | 6°19 | 6° 7 | 2° 7 | 4°43 | 25° 7 | 26° 3 | 21° 6 | 2°24 | F 30 |
| S 31 | 16 35 58 | 10♊12'45 | 15♌21 | 1♋20 | 7♋ 3 | 4♊51 | 5♎27 | 6♈23 | 6♏ 5 | 2♌ 9 | 4♋45 | 25♌ 6 | 25♌59 | 21♒12 | 2♈26 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 9 | 19n16 | 3s58 | 10n49 | 1s25 | 20n25 | 0n12 | 15n32 | 0s10 | 1s20 | 1n31 | 0s26 | 2s 2 | 23s27 | 0s15 | 19n23 | 0s23 | 17n13 | 6s 7 | 12n 8 | 12n17 | 14s37 | 3n46 | 3n36 |
| F 2 | 15 27 | 18 47 | 3 5 | 11 38 | 1 17 | 20 42 | 0 15 | 15 46 | 0 9 | 1 18 | 1 31 | 0 24 | 2 2 | 23 27 | 0 15 | 19 23 | 0 23 | 17 13 | 6 6 | 12 9 | 12 18 | 14 35 | 3 47 | 3 36 |
| S 3 | 15 45 | 17 8 | 2 1 | 12 26 | 1 8 | 20 59 | 0 18 | 16 0 | 0 8 | 1 16 | 1 31 | 0 21 | 2 3 | 23 28 | 0 15 | 19 23 | 0 23 | 17 13 | 6 6 | 12 10 | 12 19 | 14 34 | 3 48 | 3 36 |
| S 4 | 16 2 | 14 26 | 0 49 | 13 15 | 0 59 | 21 16 | 0 20 | 16 14 | 0 8 | 1 14 | 1 31 | 0 19 | 2 3 | 23 28 | 0 15 | 19 23 | 0 23 | 17 13 | 6 6 | 12 10 | 12 20 | 14 33 | 3 49 | 3 36 |
| M 5 | 16 19 | 10 52 | 0n25 | 14 3 | 0 50 | 21 32 | 0 23 | 16 27 | 0 7 | 1 13 | 1 30 | 0 17 | 2 3 | 23 28 | 0 15 | 19 23 | 0 23 | 17 13 | 6 6 | 12 10 | 12 22 | 14 32 | 3 51 | 3 36 |
| T 6 | 16 36 | 6 41 | 1 39 | 14 51 | 0 40 | 21 47 | 0 25 | 16 40 | 0 6 | 1 11 | 1 30 | 0 14 | 2 3 | 23 28 | 0 15 | 19 23 | 0 23 | 17 13 | 6 6 | 12 10 | 12 23 | 14 31 | 3 52 | 3 36 |
| W 7 | 16 53 | 2 9 | 2 45 | 15 39 | 0 30 | 22 2 | 0 28 | 16 54 | 0 6 | 1 9 | 1 30 | 0 12 | 2 3 | 23 28 | 0 15 | 19 22 | 0 23 | 17 13 | 6 6 | 12 11 | 12 24 | 14 29 | 3 53 | 3 36 |
| T 8 | 17 9 | 2s29 | 3 42 | 16 26 | 0 20 | 22 16 | 0 31 | 17 7 | 0 5 | 1 8 | 1 30 | 0 10 | 2 3 | 23 28 | 0 15 | 19 22 | 0 23 | 17 14 | 6 6 | 12 13 | 12 25 | 14 28 | 3 54 | 3 36 |
| F 9 | 17 25 | 6 57 | 4 24 | 17 12 | 0 9 | 22 29 | 0 33 | 17 19 | 0 4 | 1 6 | 1 30 | 0 8 | 2 4 | 23 28 | 0 15 | 19 22 | 0 23 | 17 14 | 6 5 | 12 16 | 12 26 | 14 27 | 3 56 | 3 36 |
| S 10 | 17 41 | 10 59 | 4 51 | 17 57 | 0n 1 | 22 42 | 0 36 | 17 32 | 0 4 | 1 5 | 1 29 | 0 5 | 2 4 | 23 28 | 0 15 | 19 22 | 0 23 | 17 14 | 6 5 | 12 20 | 12 27 | 14 26 | 3 57 | 3 36 |
| S 11 | 17 57 | 14 23 | 5 1 | 18 40 | 0 12 | 22 54 | 0 38 | 17 44 | 0 3 | 1 4 | 1 29 | 0 3 | 2 4 | 23 28 | 0 15 | 19 22 | 0 23 | 17 14 | 6 5 | 12 24 | 12 28 | 14 25 | 3 58 | 3 36 |
| M12 | 18 12 | 16 58 | 4 54 | 19 23 | 0 22 | 23 6 | 0 41 | 17 57 | 0 2 | 1 2 | 1 29 | 0 1 | 2 4 | 23 28 | 0 15 | 19 21 | 0 23 | 17 14 | 6 5 | 12 28 | 12 29 | 14 23 | 3 59 | 3 36 |
| T 13 | 18 26 | 18 38 | 4 32 | 20 3 | 0 33 | 23 17 | 0 43 | 18 9 | 0 2 | 1 1 | 1 29 | 0n 1 | 2 4 | 23 28 | 0 15 | 19 21 | 0 23 | 17 14 | 6 5 | 12 32 | 12 30 | 14 22 | 4 0 | 3 37 |
| W14 | 18 41 | 19 21 | 3 57 | 20 42 | 0 43 | 23 27 | 0 46 | 18 21 | 0 1 | 1 0 | 1 29 | 0 3 | 2 4 | 23 28 | 0 15 | 19 21 | 0 23 | 17 14 | 6 5 | 12 35 | 12 31 | 14 21 | 4 1 | 3 37 |
| T 15 | 18 55 | 19 6 | 3 12 | 21 19 | 0 53 | 23 37 | 0 48 | 18 32 | 0 1 | 0 59 | 1 28 | 0 5 | 2 5 | 23 29 | 0 15 | 19 21 | 0 23 | 17 14 | 6 5 | 12 38 | 12 32 | 14 20 | 4 2 | 3 37 |
| F 16 | 19 9 | 18 0 | 2 19 | 21 53 | 1 3 | 23 46 | 0 51 | 18 44 | 0n 0 | 0 58 | 1 28 | 0 7 | 2 5 | 23 29 | 0 15 | 19 21 | 0 23 | 17 14 | 6 4 | 12 39 | 12 33 | 14 18 | 4 4 | 3 37 |
| S 17 | 19 23 | 16 6 | 1 20 | 22 26 | 1 12 | 23 54 | 0 53 | 18 55 | 0 1 | 0 57 | 1 28 | 0 9 | 2 5 | 23 29 | 0 15 | 19 20 | 0 23 | 17 14 | 6 4 | 12 40 | 12 35 | 14 17 | 4 5 | 3 37 |
| S 18 | 19 36 | 13 32 | 0 19 | 22 55 | 1 21 | 24 1 | 0 56 | 19 6 | 0 1 | 0 56 | 1 28 | 0 11 | 2 5 | 23 29 | 0 15 | 19 20 | 0 23 | 17 15 | 6 4 | 12 40 | 12 36 | 14 16 | 4 6 | 3 37 |
| M19 | 19 49 | 10 25 | 0s44 | 23 23 | 1 30 | 24 8 | 0 58 | 19 17 | 0 2 | 0 55 | 1 28 | 0 13 | 2 5 | 23 29 | 0 15 | 19 20 | 0 23 | 17 15 | 6 4 | 12 40 | 12 37 | 14 15 | 4 7 | 3 37 |
| T 20 | 20 1 | 6 51 | 1 45 | 23 48 | 1 37 | 24 14 | 1 0 | 19 28 | 0 3 | 0 55 | 1 27 | 0 15 | 2 6 | 23 29 | 0 15 | 19 20 | 0 23 | 17 15 | 6 4 | 12 40 | 12 38 | 14 13 | 4 8 | 3 37 |
| W21 | 20 13 | 2 58 | 2 42 | 24 10 | 1 45 | 24 20 | 1 3 | 19 38 | 0 3 | 0 54 | 1 27 | 0 17 | 2 6 | 23 29 | 0 15 | 19 19 | 0 22 | 17 15 | 6 4 | 12 41 | 12 39 | 14 12 | 4 9 | 3 37 |
| T 22 | 20 25 | 1n 8 | 3 33 | 24 29 | 1 51 | 24 25 | 1 5 | 19 49 | 0 4 | 0 54 | 1 27 | 0 19 | 2 6 | 23 29 | 0 15 | 19 19 | 0 22 | 17 15 | 6 4 | 12 43 | 12 40 | 14 11 | 4 10 | 3 37 |
| F 23 | 20 37 | 5 17 | 4 15 | 24 47 | 1 57 | 24 29 | 1 7 | 19 59 | 0 5 | 0 53 | 1 27 | 0 21 | 2 6 | 23 29 | 0 16 | 19 19 | 0 22 | 17 15 | 6 4 | 12 45 | 12 41 | 14 10 | 4 11 | 3 37 |
| S 24 | 20 48 | 9 18 | 4 45 | 25 1 | 2 2 | 24 32 | 1 9 | 20 9 | 0 5 | 0 53 | 1 26 | 0 23 | 2 6 | 23 30 | 0 16 | 19 19 | 0 22 | 17 15 | 6 3 | 12 48 | 12 42 | 14 8 | 4 12 | 3 38 |
| S 25 | 20 59 | 12 58 | 5 0 | 25 13 | 2 6 | 24 35 | 1 12 | 20 19 | 0 6 | 0 52 | 1 26 | 0 24 | 2 7 | 23 30 | 0 16 | 19 18 | 0 22 | 17 15 | 6 3 | 12 52 | 12 43 | 14 7 | 4 13 | 3 38 |
| M26 | 21 9 | 16 2 | 4 58 | 25 23 | 2 10 | 24 36 | 1 14 | 20 28 | 0 7 | 0 52 | 1 26 | 0 26 | 2 7 | 23 30 | 0 16 | 19 18 | 0 22 | 17 15 | 6 3 | 12 56 | 12 44 | 14 6 | 4 14 | 3 38 |
| T 27 | 21 19 | 18 14 | 4 38 | 25 30 | 2 12 | 24 38 | 1 16 | 20 38 | 0 7 | 0 52 | 1 26 | 0 28 | 2 7 | 23 30 | 0 16 | 19 18 | 0 22 | 17 15 | 6 3 | 13 0 | 12 45 | 14 5 | 4 15 | 3 38 |
| W28 | 21 29 | 19 21 | 4 1 | 25 35 | 2 14 | 24 38 | 1 18 | 20 47 | 0 8 | 0 52 | 1 25 | 0 30 | 2 7 | 23 30 | 0 16 | 19 17 | 0 22 | 17 15 | 6 3 | 13 3 | 12 46 | 14 3 | 4 16 | 3 38 |
| T 29 | 21 38 | 19 14 | 3 9 | 25 38 | 2 15 | 24 38 | 1 20 | 20 56 | 0 8 | 0 52 | 1 25 | 0 31 | 2 7 | 23 30 | 0 16 | 19 17 | 0 22 | 17 15 | 6 3 | 13 6 | 12 47 | 14 2 | 4 17 | 3 38 |
| F 30 | 21 47 | 17 52 | 2 4 | 25 39 | 2 16 | 24 37 | 1 22 | 21 4 | 0 9 | 0 52 | 1 25 | 0 33 | 2 8 | 23 30 | 0 16 | 19 17 | 0 22 | 17 15 | 6 3 | 13 7 | 12 49 | 14 1 | 4 18 | 3 38 |
| S 31 | 21n56 | 15n22 | 0s51 | 25n38 | 2n15 | 24n35 | 1n24 | 21n13 | 0n10 | 0s52 | 1n25 | 0n34 | 2s 8 | 23s30 | 0s16 | 19n16 | 0s22 | 17n16 | 6s 3 | 13n 8 | 12n50 | 13s59 | 4n18 | 3n38 |

Julian Day Number = 2600684.5, Delta T = 09m02s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°26'56, Lahiri = 29°33'58


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## JUNE 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 39 55 | 11♊10'25 | 29♌35 | 2♋47 | 8♋16 | 5♊34 | 5°D27 | 6♈28 | 6°R 3 | 2♌10 | 4♋46 | 25°D 5 | 25♌56 | 21♒19 | 2♈28 | S 1 |
| M 2 | 16 43 51 | 12° 8'04 | 13♍41 | 4°10 | 9°28 | 6°17 | 5♎27 | 6°32 | 6♉ 1 | 2°12 | 4°47 | 25°R 5 | 25°53 | 21°26 | 2°30 | M 2 |
| T 3 | 16 47 48 | 13° 5'40 | 27°40 | 5°29 | 10°41 | 7° 0 | 5°27 | 6°37 | 5°58 | 2°13 | 4°49 | 25♌ 5 | 25°50 | 21°32 | 2°32 | T 3 |
| W 4 | 16 51 44 | 14° 3'16 | 11♎30 | 6°46 | 11°53 | 7°42 | 5°28 | 6°41 | 5°56 | 2°15 | 4°50 | 25° 2 | 25°47 | 21°39 | 2°33 | W 4 |
| T 5 | 16 55 41 | 15° 0'50 | 25°11 | 7°59 | 13° 5 | 8°25 | 5°28 | 6°45 | 5°54 | 2°16 | 4°51 | 24°57 | 25°43 | 21°46 | 2°35 | T 5 |
| F 6 | 16 59 37 | 15°58'22 | 8♏42 | 9° 8 | 14°18 | 9° 8 | 5°29 | 6°49 | 5°52 | 2°18 | 4°53 | 24°49 | 25°40 | 21°52 | 2°37 | F 6 |
| S 7 | 17 3 34 | 16°55'54 | 22° 2 | 10°13 | 15°30 | 9°51 | 5°30 | 6°53 | 5°50 | 2°20 | 4°54 | 24°39 | 25°37 | 21°59 | 2°38 | S 7 |
| S 8 | 17 7 30 | 17°53'24 | 5♐ 9 | 11°16 | 16°42 | 10°33 | 5°31 | 6°57 | 5°47 | 2°21 | 4°55 | 24°28 | 25°34 | 22° 5 | 2°40 | S 8 |
| M 9 | 17 11 27 | 18°50'53 | 18° 2 | 12°14 | 17°54 | 11°16 | 5°32 | 7° 1 | 5°45 | 2°23 | 4°57 | 24°17 | 25°31 | 22°12 | 2°41 | M 9 |
| T 10 | 17 15 24 | 19°48'22 | 0♑41 | 13° 8 | 19° 7 | 11°58 | 5°34 | 7° 5 | 5°43 | 2°25 | 4°58 | 24° 7 | 25°28 | 22°19 | 2°43 | T 10 |
| W11 | 17 19 20 | 20°45'49 | 13° 6 | 13°59 | 20°19 | 12°41 | 5°35 | 7° 9 | 5°40 | 2°27 | 5° 0 | 23°58 | 25°24 | 22°25 | 2°44 | W11 |
| T 12 | 17 23 17 | 21°43'15 | 25°17 | 14°46 | 21°31 | 13°23 | 5°37 | 7°12 | 5°38 | 2°28 | 5° 1 | 23°52 | 25°21 | 22°32 | 2°45 | T 12 |
| F 13 | 17 27 13 | 22°40'41 | 7♒16 | 15°28 | 22°43 | 14° 5 | 5°39 | 7°16 | 5°36 | 2°30 | 5° 2 | 23°49 | 25°18 | 22°39 | 2°47 | F 13 |
| S 14 | 17 31 10 | 23°38'06 | 19° 8 | 16° 7 | 23°55 | 14°48 | 5°42 | 7°19 | 5°33 | 2°32 | 5° 4 | 23°D47 | 25°15 | 22°45 | 2°48 | S 14 |
| S 15 | 17 35 6 | 24°35'30 | 0♓56 | 16°41 | 25° 7 | 15°30 | 5°44 | 7°23 | 5°31 | 2°34 | 5° 5 | 23°47 | 25°12 | 22°52 | 2°49 | S 15 |
| M16 | 17 39 3 | 25°32'54 | 12°45 | 17°11 | 26°18 | 16°12 | 5°46 | 7°26 | 5°28 | 2°36 | 5° 7 | 23°48 | 25° 9 | 22°59 | 2°50 | M16 |
| T 17 | 17 42 59 | 26°30'17 | 24°40 | 17°37 | 27°30 | 16°54 | 5°49 | 7°29 | 5°26 | 2°37 | 5° 8 | 23°R49 | 25° 5 | 23° 5 | 2°51 | T 17 |
| W18 | 17 46 56 | 27°27'40 | 6♈46 | 17°58 | 28°42 | 17°36 | 5°52 | 7°32 | 5°24 | 2°39 | 5°10 | 23°48 | 25° 2 | 23°12 | 2°52 | W18 |
| T 19 | 17 50 53 | 28°25'02 | 19° 9 | 18°15 | 29°54 | 18°18 | 5°55 | 7°35 | 5°21 | 2°41 | 5°11 | 23°46 | 24°59 | 23°19 | 2°53 | T 19 |
| F 20 | 17 54 49 | 29°22'24 | 1♉52 | 18°27 | 1♌ 5 | 19° 0 | 5°58 | 7°38 | 5°19 | 2°43 | 5°12 | 23°42 | 24°56 | 23°25 | 2°54 | F 20 |
| S 21 | 17 58 46 | 0♋19'45 | 15° 0 | 18°35 | 2°17 | 19°42 | 6° 2 | 7°41 | 5°16 | 2°45 | 5°14 | 23°36 | 24°53 | 23°32 | 2°55 | S 21 |
| S 22 | 18 2 42 | 1°17'06 | 28°33 | 18°R38 | 3°29 | 20°24 | 6° 5 | 7°44 | 5°14 | 2°47 | 5°15 | 23°28 | 24°49 | 23°38 | 2°56 | S 22 |
| M23 | 18 6 39 | 2°14'26 | 12♊31 | 18°37 | 4°40 | 21° 6 | 6° 9 | 7°46 | 5°11 | 2°49 | 5°17 | 23°20 | 24°46 | 23°45 | 2°56 | M23 |
| T 24 | 18 10 35 | 3°11'47 | 26°50 | 18°31 | 5°52 | 21°48 | 6°13 | 7°49 | 5° 9 | 2°51 | 5°18 | 23°12 | 24°43 | 23°52 | 2°57 | T 24 |
| W25 | 18 14 32 | 4° 9'06 | 11♋26 | 18°21 | 7° 3 | 22°30 | 6°17 | 7°51 | 5° 7 | 2°53 | 5°20 | 23° 6 | 24°40 | 23°58 | 2°58 | W25 |
| T 26 | 18 18 28 | 5° 6'25 | 26°10 | 18° 6 | 8°14 | 23°11 | 6°21 | 7°54 | 5° 4 | 2°55 | 5°21 | 23° 1 | 24°37 | 24° 5 | 2°58 | T 26 |
| F 27 | 18 22 25 | 6° 3'44 | 10♌55 | 17°48 | 9°26 | 23°53 | 6°25 | 7°56 | 5° 2 | 2°57 | 5°22 | 22°59 | 24°34 | 24°12 | 2°59 | F 27 |
| S 28 | 18 26 22 | 7° 1'01 | 25°36 | 17°26 | 10°37 | 24°35 | 6°30 | 7°58 | 4°59 | 2°59 | 5°24 | 22°D58 | 24°30 | 24°18 | 2°59 | S 28 |
| S 29 | 18 30 18 | 7°58'18 | 10♍ 6 | 17° 0 | 11°48 | 25°16 | 6°34 | 8° 0 | 4°57 | 3° 1 | 5°25 | 22°59 | 24°27 | 24°25 | 3° 0 | S 29 |
| M30 | 18 34 15 | 8♋55'34 | 24♍22 | 16♋32 | 12♌59 | 25♊58 | 6♎39 | 8♈ 2 | 4♉54 | 3♌ 3 | 5♋27 | 23♌ 0 | 24♌24 | 24♒32 | 3♈ 0 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 4 | 11n58 | 0n24 | 25n35 | 2n13 | 24n33 | 1n25 | 21n21 | 0n10 | 0s52 | 1n24 | 0n36 | 2s 8 | 23s30 | 0s16 | 19n16 | 0s22 | 17n16 | 6s 3 | 13n 8 | 12n51 | 13s58 | 4n19 | 3n39 |
| M 2 | 22 12 | 7 54 | 1 37 | 25 30 | 2 11 | 24 30 | 1 27 | 21 29 | 0 11 | 0 52 | 1 24 | 0 38 | 2 8 | 23 31 | 0 16 | 19 16 | 0 22 | 17 16 | 6 2 | 13 8 | 12 52 | 13 57 | 4 20 | 3 39 |
| T 3 | 22 19 | 3 26 | 2 44 | 25 24 | 2 8 | 24 26 | 1 29 | 21 37 | 0 12 | 0 53 | 1 24 | 0 39 | 2 9 | 23 31 | 0 16 | 19 16 | 0 22 | 17 16 | 6 2 | 13 8 | 12 53 | 13 56 | 4 21 | 3 39 |
| W 4 | 22 26 | 1s 9 | 3 40 | 25 16 | 2 4 | 24 22 | 1 31 | 21 45 | 0 12 | 0 53 | 1 24 | 0 40 | 2 9 | 23 31 | 0 16 | 19 15 | 0 22 | 17 16 | 6 2 | 13 9 | 12 54 | 13 54 | 4 22 | 3 39 |
| T 5 | 22 33 | 5 38 | 4 23 | 25 8 | 1 59 | 24 16 | 1 32 | 21 52 | 0 13 | 0 53 | 1 23 | 0 42 | 2 9 | 23 31 | 0 16 | 19 15 | 0 22 | 17 16 | 6 2 | 13 11 | 12 55 | 13 53 | 4 23 | 3 39 |
| F 6 | 22 39 | 9 46 | 4 51 | 24 57 | 1 53 | 24 11 | 1 34 | 21 59 | 0 14 | 0 54 | 1 23 | 0 43 | 2 9 | 23 31 | 0 16 | 19 14 | 0 22 | 17 16 | 6 2 | 13 13 | 12 56 | 13 52 | 4 23 | 3 39 |
| S 7 | 22 45 | 13 21 | 5 2 | 24 46 | 1 47 | 24 4 | 1 35 | 22 6 | 0 14 | 0 55 | 1 23 | 0 45 | 2 9 | 23 31 | 0 16 | 19 14 | 0 22 | 17 16 | 6 2 | 13 16 | 12 57 | 13 50 | 4 24 | 3 39 |
| S 8 | 22 50 | 16 14 | 4 58 | 24 34 | 1 40 | 23 57 | 1 37 | 22 13 | 0 15 | 0 55 | 1 23 | 0 46 | 2 10 | 23 31 | 0 16 | 19 14 | 0 22 | 17 16 | 6 2 | 13 20 | 12 58 | 13 49 | 4 25 | 3 39 |
| M 9 | 22 55 | 18 14 | 4 38 | 24 20 | 1 31 | 23 49 | 1 38 | 22 20 | 0 15 | 0 56 | 1 23 | 0 47 | 2 10 | 23 31 | 0 16 | 19 13 | 0 22 | 17 16 | 6 2 | 13 24 | 12 59 | 13 48 | 4 25 | 3 40 |
| T 10 | 23 0 | 19 19 | 4 4 | 24 6 | 1 22 | 23 40 | 1 40 | 22 26 | 0 16 | 0 57 | 1 22 | 0 49 | 2 10 | 23 31 | 0 16 | 19 13 | 0 22 | 17 16 | 6 2 | 13 27 | 13 0 | 13 46 | 4 26 | 3 40 |
| W11 | 23 4 | 19 26 | 3 19 | 23 51 | 1 13 | 23 31 | 1 41 | 22 32 | 0 17 | 0 58 | 1 22 | 0 50 | 2 10 | 23 32 | 0 16 | 19 13 | 0 22 | 17 16 | 6 2 | 13 30 | 13 1 | 13 45 | 4 27 | 3 40 |
| T 12 | 23 8 | 18 38 | 2 26 | 23 36 | 1 2 | 23 21 | 1 42 | 22 38 | 0 17 | 0 59 | 1 22 | 0 51 | 2 11 | 23 32 | 0 16 | 19 12 | 0 22 | 17 16 | 6 2 | 13 32 | 13 2 | 13 44 | 4 28 | 3 40 |
| F 13 | 23 11 | 17 0 | 1 27 | 23 20 | 0 51 | 23 10 | 1 43 | 22 44 | 0 18 | 1 0 | 1 22 | 0 52 | 2 11 | 23 32 | 0 16 | 19 12 | 0 22 | 17 16 | 6 1 | 13 33 | 13 3 | 13 43 | 4 28 | 3 40 |
| S 14 | 23 14 | 14 39 | 0 25 | 23 4 | 0 39 | 22 59 | 1 44 | 22 50 | 0 19 | 1 1 | 1 21 | 0 53 | 2 11 | 23 32 | 0 16 | 19 12 | 0 22 | 17 16 | 6 1 | 13 34 | 13 5 | 13 41 | 4 29 | 3 40 |
| S 15 | 23 16 | 11 43 | 0s38 | 22 47 | 0 26 | 22 47 | 1 45 | 22 55 | 0 19 | 1 2 | 1 21 | 0 54 | 2 11 | 23 32 | 0 16 | 19 11 | 0 22 | 17 16 | 6 1 | 13 34 | 13 6 | 13 40 | 4 29 | 3 40 |
| M16 | 23 19 | 8 18 | 1 40 | 22 30 | 0 13 | 22 35 | 1 46 | 23 0 | 0 20 | 1 3 | 1 21 | 0 55 | 2 12 | 23 32 | 0 16 | 19 11 | 0 22 | 17 16 | 6 1 | 13 33 | 13 7 | 13 39 | 4 30 | 3 40 |
| T 17 | 23 20 | 4 32 | 2 38 | 22 13 | 0s 1 | 22 22 | 1 47 | 23 5 | 0 20 | 1 4 | 1 21 | 0 57 | 2 12 | 23 32 | 0 16 | 19 10 | 0 22 | 17 16 | 6 1 | 13 33 | 13 8 | 13 37 | 4 30 | 3 41 |
| W18 | 23 22 | 0 32 | 3 30 | 21 55 | 0 16 | 22 8 | 1 48 | 23 9 | 0 21 | 1 6 | 1 20 | 0 57 | 2 12 | 23 32 | 0 16 | 19 10 | 0 22 | 17 16 | 6 1 | 13 33 | 13 9 | 13 36 | 4 31 | 3 41 |
| T 19 | 23 22 | 3n34 | 4 13 | 21 38 | 0 31 | 21 53 | 1 48 | 23 14 | 0 22 | 1 7 | 1 20 | 0 58 | 2 12 | 23 32 | 0 16 | 19 9 | 0 22 | 17 16 | 6 1 | 13 34 | 13 10 | 13 35 | 4 31 | 3 41 |
| F 20 | 23 23 | 7 38 | 4 45 | 21 21 | 0 46 | 21 39 | 1 49 | 23 18 | 0 22 | 1 9 | 1 20 | 0 59 | 2 13 | 23 33 | 0 16 | 19 9 | 0 22 | 17 16 | 6 1 | 13 35 | 13 11 | 13 33 | 4 32 | 3 41 |
| S 21 | 23 23 | 11 27 | 5 4 | 21 4 | 1 2 | 21 23 | 1 50 | 23 22 | 0 23 | 1 10 | 1 20 | 1 0 | 2 13 | 23 33 | 0 16 | 19 9 | 0 22 | 17 16 | 6 1 | 13 37 | 13 12 | 13 32 | 4 32 | 3 41 |
| S 22 | 23 23 | 14 49 | 5 6 | 20 48 | 1 19 | 21 7 | 1 50 | 23 26 | 0 23 | 1 12 | 1 19 | 1 1 | 2 13 | 23 33 | 0 16 | 19 8 | 0 22 | 17 16 | 6 1 | 13 40 | 13 13 | 13 30 | 4 33 | 3 41 |
| M23 | 23 22 | 17 27 | 4 50 | 20 31 | 1 35 | 20 50 | 1 50 | 23 29 | 0 24 | 1 13 | 1 19 | 1 2 | 2 13 | 23 33 | 0 16 | 19 8 | 0 22 | 17 16 | 6 1 | 13 43 | 13 14 | 13 29 | 4 33 | 3 41 |
| T 24 | 23 21 | 19 5 | 4 16 | 20 16 | 1 52 | 20 33 | 1 51 | 23 32 | 0 25 | 1 15 | 1 19 | 1 3 | 2 14 | 23 33 | 0 16 | 19 7 | 0 22 | 17 16 | 6 1 | 13 45 | 13 15 | 13 28 | 4 34 | 3 42 |
| W25 | 23 19 | 19 29 | 3 25 | 20 0 | 2 9 | 20 15 | 1 51 | 23 35 | 0 25 | 1 17 | 1 19 | 1 3 | 2 14 | 23 33 | 0 16 | 19 7 | 0 22 | 17 16 | 6 1 | 13 47 | 13 16 | 13 26 | 4 34 | 3 42 |
| T 26 | 23 17 | 18 35 | 2 20 | 19 46 | 2 25 | 19 57 | 1 51 | 23 38 | 0 26 | 1 19 | 1 18 | 1 4 | 2 14 | 23 33 | 0 16 | 19 6 | 0 22 | 17 16 | 6 1 | 13 49 | 13 17 | 13 25 | 4 34 | 3 42 |
| F 27 | 23 15 | 16 25 | 1 5 | 19 32 | 2 42 | 19 38 | 1 51 | 23 41 | 0 26 | 1 21 | 1 18 | 1 5 | 2 15 | 23 33 | 0 16 | 19 6 | 0 22 | 17 16 | 6 1 | 13 50 | 13 18 | 13 24 | 4 35 | 3 42 |
| S 28 | 23 12 | 13 11 | 0n14 | 19 19 | 2 58 | 19 19 | 1 51 | 23 43 | 0 27 | 1 23 | 1 18 | 1 5 | 2 15 | 23 33 | 0 16 | 19 6 | 0 22 | 17 16 | 6 1 | 13 50 | 13 19 | 13 22 | 4 35 | 3 42 |
| S 29 | 23 9 | 9 11 | 1 31 | 19 7 | 3 13 | 18 59 | 1 51 | 23 46 | 0 28 | 1 25 | 1 18 | 1 6 | 2 15 | 23 33 | 0 16 | 19 5 | 0 22 | 17 16 | 6 0 | 13 50 | 13 20 | 13 21 | 4 35 | 3 42 |
| M30 | 23n 5 | 4n43 | 2n42 | 18n56 | 3s28 | 18n39 | 1n51 | 23n48 | 0n28 | 1s27 | 1n17 | 1n 6 | 2s15 | 23s34 | 0s16 | 19n 5 | 0s22 | 17n16 | 6s 0 | 13n49 | 13n21 | 13s20 | 4n36 | 3n42 |

Julian Day Number = 2600715.5, Delta T = 09m03s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'00, Lahiri = 29°34'02


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## JULY 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 38 11 | 9♋52'50 | 8♎22 | 16°R 1 | 14♌10 | 26♊39 | 6♎44 | 8♈ 4 | 4°R52 | 3♌ 5 | 5♋28 | 23°R 1 | 24♌21 | 24♒38 | 3♈ 0 | T 1 |
| W 2 | 18 42 8 | 10°50'05 | 22° 7 | 15♋28 | 15°22 | 27°20 | 6°49 | 8° 6 | 4♉49 | 3° 7 | 5°30 | 23♌ 0 | 24°18 | 24°45 | 3° 1 | W 2 |
| T 3 | 18 46 4 | 11°47'19 | 5♏36 | 14°54 | 16°32 | 28° 2 | 6°55 | 8° 7 | 4°47 | 3° 9 | 5°31 | 22°58 | 24°15 | 24°52 | 3° 1 | T 3 |
| F 4 | 18 50 1 | 12°44'33 | 18°50 | 14°18 | 17°43 | 28°43 | 7° 0 | 8° 9 | 4°45 | 3°11 | 5°33 | 22°54 | 24°11 | 24°58 | 3° 1 | F 4 |
| S 5 | 18 53 57 | 13°41'47 | 1♐50 | 13°43 | 18°54 | 29°24 | 7° 6 | 8°11 | 4°42 | 3°14 | 5°34 | 22°48 | 24° 8 | 25° 5 | 3° 1 | S 5 |
| S 6 | 18 57 54 | 14°39'00 | 14°36 | 13° 7 | 20° 5 | 0♋ 5 | 7°11 | 8°12 | 4°40 | 3°16 | 5°35 | 22°42 | 24° 5 | 25°12 | 3°R 1 | S 6 |
| M 7 | 19 1 51 | 15°36'12 | 27°10 | 12°32 | 21°16 | 0°47 | 7°17 | 8°13 | 4°37 | 3°18 | 5°37 | 22°36 | 24° 2 | 25°18 | 3° 1 | M 7 |
| T 8 | 19 5 47 | 16°33'25 | 9♑32 | 11°59 | 22°26 | 1°28 | 7°23 | 8°14 | 4°35 | 3°20 | 5°38 | 22°30 | 23°59 | 25°25 | 3° 1 | T 8 |
| W 9 | 19 9 44 | 17°30'37 | 21°43 | 11°28 | 23°37 | 2° 9 | 7°29 | 8°16 | 4°33 | 3°22 | 5°40 | 22°25 | 23°55 | 25°31 | 3° 1 | W 9 |
| T 10 | 19 13 40 | 18°27'50 | 3♒44 | 11° 0 | 24°47 | 2°50 | 7°36 | 8°17 | 4°30 | 3°24 | 5°41 | 22°22 | 23°52 | 25°38 | 3° 0 | T 10 |
| F 11 | 19 17 37 | 19°25'02 | 15°39 | 10°34 | 25°58 | 3°31 | 7°42 | 8°17 | 4°28 | 3°26 | 5°42 | 22°20 | 23°49 | 25°45 | 3° 0 | F 11 |
| S 12 | 19 21 33 | 20°22'14 | 27°28 | 10°13 | 27° 8 | 4°12 | 7°49 | 8°18 | 4°26 | 3°29 | 5°44 | 22°D20 | 23°46 | 25°51 | 3° 0 | S 12 |
| S 13 | 19 25 30 | 21°19'27 | 9♓15 | 9°55 | 28°18 | 4°52 | 7°55 | 8°19 | 4°23 | 3°31 | 5°45 | 22°21 | 23°43 | 25°58 | 2°59 | S 13 |
| M14 | 19 29 26 | 22°16'39 | 21° 4 | 9°41 | 29°28 | 5°33 | 8° 2 | 8°20 | 4°21 | 3°33 | 5°47 | 22°23 | 23°40 | 26° 5 | 2°59 | M14 |
| T 15 | 19 33 23 | 23°13'52 | 2♈59 | 9°33 | 0♍38 | 6°14 | 8° 9 | 8°20 | 4°19 | 3°35 | 5°48 | 22°25 | 23°36 | 26°11 | 2°58 | T 15 |
| W16 | 19 37 20 | 24°11'06 | 15° 5 | 9°D28 | 1°48 | 6°55 | 8°16 | 8°20 | 4°16 | 3°37 | 5°49 | 22°26 | 23°33 | 26°18 | 2°58 | W16 |
| T 17 | 19 41 16 | 25° 8'20 | 27°26 | 9°29 | 2°58 | 7°35 | 8°23 | 8°21 | 4°14 | 3°40 | 5°51 | 22°R26 | 23°30 | 26°25 | 2°57 | T 17 |
| F 18 | 19 45 13 | 26° 5'34 | 10♉ 8 | 9°36 | 4° 8 | 8°16 | 8°31 | 8°21 | 4°12 | 3°42 | 5°52 | 22°25 | 23°27 | 26°31 | 2°57 | F 18 |
| S 19 | 19 49 9 | 27° 2'49 | 23°13 | 9°47 | 5°18 | 8°56 | 8°38 | 8°R21 | 4°10 | 3°44 | 5°54 | 22°23 | 23°24 | 26°38 | 2°56 | S 19 |
| S 20 | 19 53 6 | 28° 0'04 | 6♊45 | 10° 4 | 6°28 | 9°37 | 8°46 | 8°21 | 4° 8 | 3°46 | 5°55 | 22°21 | 23°21 | 26°45 | 2°55 | S 20 |
| M21 | 19 57 2 | 28°57'20 | 20°44 | 10°26 | 7°37 | 10°17 | 8°53 | 8°21 | 4° 5 | 3°48 | 5°56 | 22°18 | 23°17 | 26°51 | 2°54 | M21 |
| T 22 | 20 0 59 | 29°54'36 | 5♋ 9 | 10°54 | 8°47 | 10°58 | 9° 1 | 8°21 | 4° 3 | 3°51 | 5°58 | 22°14 | 23°14 | 26°58 | 2°54 | T 22 |
| W23 | 20 4 55 | 0♌51'53 | 19°54 | 11°27 | 9°56 | 11°38 | 9° 9 | 8°20 | 4° 1 | 3°53 | 5°59 | 22°12 | 23°11 | 27° 4 | 2°53 | W23 |
| T 24 | 20 8 52 | 1°49'11 | 4♌52 | 12° 5 | 11° 6 | 12°19 | 9°17 | 8°20 | 3°59 | 3°55 | 6° 0 | 22°10 | 23° 8 | 27°11 | 2°52 | T 24 |
| F 25 | 20 12 49 | 2°46'28 | 19°57 | 12°49 | 12°15 | 12°59 | 9°25 | 8°19 | 3°57 | 3°57 | 6° 2 | 22°D10 | 23° 5 | 27°18 | 2°51 | F 25 |
| S 26 | 20 16 45 | 3°43'46 | 4♍57 | 13°38 | 13°24 | 13°39 | 9°34 | 8°19 | 3°55 | 4° 0 | 6° 3 | 22°10 | 23° 1 | 27°24 | 2°50 | S 26 |
| S 27 | 20 20 42 | 4°41'04 | 19°47 | 14°32 | 14°33 | 14°19 | 9°42 | 8°18 | 3°53 | 4° 2 | 6° 4 | 22°11 | 22°58 | 27°31 | 2°48 | S 27 |
| M28 | 20 24 38 | 5°38'23 | 4♎19 | 15°32 | 15°42 | 14°59 | 9°51 | 8°17 | 3°51 | 4° 4 | 6° 5 | 22°12 | 22°55 | 27°38 | 2°47 | M28 |
| T 29 | 20 28 35 | 6°35'41 | 18°30 | 16°36 | 16°51 | 15°40 | 9°59 | 8°16 | 3°49 | 4° 6 | 6° 7 | 22°13 | 22°52 | 27°44 | 2°46 | T 29 |
| W30 | 20 32 31 | 7°33'00 | 2♏19 | 17°46 | 18° 0 | 16°20 | 10° 8 | 8°15 | 3°47 | 4° 8 | 6° 8 | 22°R14 | 22°49 | 27°51 | 2°45 | W30 |
| T 31 | 20 36 28 | 8♌30'19 | 15♏45 | 19♋ 1 | 19♍ 9 | 17♋ 0 | 10♎17 | 8♈14 | 3♉45 | 4♌11 | 6♋ 9 | 22♌14 | 22♌46 | 27♒58 | 2♈43 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 1 | 0n 5 | 3n41 | 18n45 | 3s42 | 18n18 | 1n50 | 23n49 | 0n29 | 1s29 | 1n17 | 1n 7 | 2s16 | 23s34 | 0s16 | 19n 4 | 0s22 | 17n16 | 6s 0 | 13n49 | 13n23 | 13s18 | 4n36 | 3n43 |
| W 2 | 22 57 | 4s28 | 4 27 | 18 36 | 3 55 | 17 57 | 1 50 | 23 51 | 0 29 | 1 31 | 1 17 | 1 7 | 2 16 | 23 34 | 0 16 | 19 4 | 0 22 | 17 16 | 6 0 | 13 49 | 13 24 | 13 17 | 4 36 | 3 43 |
| T 3 | 22 52 | 8 42 | 4 56 | 18 28 | 4 7 | 17 35 | 1 49 | 23 52 | 0 30 | 1 34 | 1 17 | 1 8 | 2 16 | 23 34 | 0 16 | 19 3 | 0 22 | 17 16 | 6 0 | 13 50 | 13 25 | 13 15 | 4 36 | 3 43 |
| F 4 | 22 47 | 12 25 | 5 9 | 18 21 | 4 17 | 17 13 | 1 49 | 23 53 | 0 31 | 1 36 | 1 17 | 1 8 | 2 16 | 23 34 | 0 16 | 19 3 | 0 22 | 17 16 | 6 0 | 13 51 | 13 26 | 13 14 | 4 36 | 3 43 |
| S 5 | 22 41 | 15 28 | 5 6 | 18 16 | 4 27 | 16 50 | 1 48 | 23 54 | 0 31 | 1 38 | 1 16 | 1 8 | 2 17 | 23 34 | 0 16 | 19 2 | 0 22 | 17 16 | 6 0 | 13 53 | 13 27 | 13 13 | 4 37 | 3 43 |
| S 6 | 22 35 | 17 44 | 4 48 | 18 11 | 4 34 | 16 27 | 1 48 | 23 55 | 0 32 | 1 41 | 1 16 | 1 9 | 2 17 | 23 34 | 0 16 | 19 2 | 0 22 | 17 16 | 6 0 | 13 55 | 13 28 | 13 11 | 4 37 | 3 43 |
| M 7 | 22 28 | 19 5 | 4 16 | 18 8 | 4 41 | 16 4 | 1 47 | 23 55 | 0 32 | 1 43 | 1 16 | 1 9 | 2 17 | 23 34 | 0 16 | 19 1 | 0 22 | 17 16 | 6 0 | 13 57 | 13 29 | 13 10 | 4 37 | 3 43 |
| T 8 | 22 22 | 19 31 | 3 32 | 18 6 | 4 46 | 15 40 | 1 46 | 23 55 | 0 33 | 1 46 | 1 16 | 1 9 | 2 18 | 23 34 | 0 16 | 19 1 | 0 22 | 17 16 | 6 0 | 13 59 | 13 30 | 13 9 | 4 37 | 3 44 |
| W 9 | 22 14 | 19 1 | 2 40 | 18 6 | 4 49 | 15 16 | 1 45 | 23 55 | 0 33 | 1 49 | 1 15 | 1 9 | 2 18 | 23 34 | 0 16 | 19 0 | 0 22 | 17 16 | 6 0 | 14 1 | 13 31 | 13 7 | 4 37 | 3 44 |
| T 10 | 22 7 | 17 39 | 1 40 | 18 6 | 4 50 | 14 51 | 1 44 | 23 55 | 0 34 | 1 51 | 1 15 | 1 10 | 2 18 | 23 35 | 0 16 | 19 0 | 0 22 | 17 16 | 6 0 | 14 2 | 13 32 | 13 6 | 4 37 | 3 44 |
| F 11 | 21 59 | 15 32 | 0 37 | 18 8 | 4 50 | 14 27 | 1 42 | 23 55 | 0 35 | 1 54 | 1 15 | 1 10 | 2 18 | 23 35 | 0 16 | 18 59 | 0 22 | 17 16 | 6 0 | 14 2 | 13 33 | 13 4 | 4 37 | 3 44 |
| S 12 | 21 51 | 12 46 | 0s28 | 18 11 | 4 49 | 14 1 | 1 41 | 23 54 | 0 35 | 1 57 | 1 15 | 1 10 | 2 19 | 23 35 | 0 16 | 18 59 | 0 22 | 17 16 | 6 0 | 14 2 | 13 34 | 13 3 | 4 37 | 3 44 |
| S 13 | 21 42 | 9 30 | 1 32 | 18 16 | 4 46 | 13 36 | 1 40 | 23 53 | 0 36 | 1 59 | 1 15 | 1 10 | 2 19 | 23 35 | 0 16 | 18 58 | 0 22 | 17 16 | 6 0 | 14 2 | 13 35 | 13 2 | 4 37 | 3 44 |
| M14 | 21 33 | 5 51 | 2 31 | 18 21 | 4 42 | 13 10 | 1 38 | 23 52 | 0 36 | 2 2 | 1 14 | 1 10 | 2 19 | 23 35 | 0 16 | 18 58 | 0 22 | 17 16 | 6 0 | 14 1 | 13 36 | 13 0 | 4 37 | 3 44 |
| T 15 | 21 23 | 1 57 | 3 25 | 18 27 | 4 36 | 12 44 | 1 37 | 23 51 | 0 37 | 2 5 | 1 14 | 1 10 | 2 19 | 23 35 | 0 16 | 18 57 | 0 22 | 17 16 | 6 0 | 14 1 | 13 37 | 12 59 | 4 37 | 3 45 |
| W16 | 21 14 | 2n 4 | 4 11 | 18 34 | 4 29 | 12 17 | 1 35 | 23 50 | 0 37 | 2 8 | 1 14 | 1 10 | 2 20 | 23 35 | 0 16 | 18 57 | 0 22 | 17 16 | 6 0 | 14 0 | 13 38 | 12 57 | 4 37 | 3 45 |
| T 17 | 21 3 | 6 6 | 4 45 | 18 42 | 4 21 | 11 50 | 1 33 | 23 48 | 0 38 | 2 11 | 1 14 | 1 9 | 2 20 | 23 35 | 0 16 | 18 56 | 0 22 | 17 16 | 6 0 | 14 0 | 13 39 | 12 56 | 4 37 | 3 45 |
| F 18 | 20 53 | 9 57 | 5 8 | 18 51 | 4 12 | 11 23 | 1 31 | 23 46 | 0 39 | 2 14 | 1 14 | 1 9 | 2 20 | 23 35 | 0 16 | 18 56 | 0 22 | 17 16 | 6 0 | 14 0 | 13 40 | 12 54 | 4 37 | 3 45 |
| S 19 | 20 42 | 13 27 | 5 15 | 19 0 | 4 2 | 10 56 | 1 29 | 23 44 | 0 39 | 2 17 | 1 13 | 1 9 | 2 21 | 23 35 | 0 16 | 18 55 | 0 21 | 17 15 | 6 0 | 14 1 | 13 41 | 12 53 | 4 36 | 3 45 |
| S 20 | 20 31 | 16 23 | 5 5 | 19 9 | 3 51 | 10 28 | 1 27 | 23 42 | 0 40 | 2 21 | 1 13 | 1 9 | 2 21 | 23 35 | 0 16 | 18 55 | 0 21 | 17 15 | 6 0 | 14 2 | 13 42 | 12 52 | 4 36 | 3 45 |
| M21 | 20 19 | 18 27 | 4 37 | 19 19 | 3 40 | 10 1 | 1 25 | 23 39 | 0 40 | 2 24 | 1 13 | 1 8 | 2 21 | 23 35 | 0 16 | 18 54 | 0 21 | 17 15 | 6 0 | 14 3 | 13 43 | 12 50 | 4 36 | 3 45 |
| T 22 | 20 7 | 19 26 | 3 51 | 19 29 | 3 28 | 9 33 | 1 23 | 23 37 | 0 41 | 2 27 | 1 13 | 1 8 | 2 21 | 23 35 | 0 16 | 18 54 | 0 21 | 17 15 | 6 0 | 14 4 | 13 45 | 12 49 | 4 36 | 3 45 |
| W23 | 19 55 | 19 8 | 2 49 | 19 40 | 3 15 | 9 4 | 1 21 | 23 34 | 0 41 | 2 30 | 1 13 | 1 8 | 2 22 | 23 36 | 0 16 | 18 53 | 0 21 | 17 15 | 6 0 | 14 5 | 13 46 | 12 47 | 4 36 | 3 46 |
| T 24 | 19 43 | 17 29 | 1 34 | 19 50 | 3 1 | 8 36 | 1 18 | 23 31 | 0 42 | 2 34 | 1 12 | 1 7 | 2 22 | 23 36 | 0 16 | 18 53 | 0 21 | 17 15 | 6 0 | 14 5 | 13 47 | 12 46 | 4 35 | 3 46 |
| F 25 | 19 30 | 14 36 | 0 12 | 19 59 | 2 48 | 8 7 | 1 16 | 23 27 | 0 42 | 2 37 | 1 12 | 1 7 | 2 22 | 23 36 | 0 16 | 18 52 | 0 21 | 17 15 | 6 0 | 14 6 | 13 48 | 12 44 | 4 35 | 3 46 |
| S 26 | 19 16 | 10 46 | 1n10 | 20 9 | 2 33 | 7 38 | 1 13 | 23 24 | 0 43 | 2 41 | 1 12 | 1 6 | 2 22 | 23 36 | 0 16 | 18 52 | 0 21 | 17 15 | 6 0 | 14 5 | 13 49 | 12 43 | 4 35 | 3 46 |
| S 27 | 19 3 | 6 18 | 2 27 | 20 17 | 2 19 | 7 9 | 1 11 | 23 20 | 0 43 | 2 44 | 1 12 | 1 6 | 2 23 | 23 36 | 0 16 | 18 51 | 0 21 | 17 15 | 6 0 | 14 5 | 13 50 | 12 41 | 4 34 | 3 46 |
| M28 | 18 49 | 1 33 | 3 33 | 20 25 | 2 5 | 6 40 | 1 8 | 23 16 | 0 44 | 2 47 | 1 12 | 1 5 | 2 23 | 23 36 | 0 16 | 18 51 | 0 21 | 17 15 | 6 0 | 14 5 | 13 51 | 12 40 | 4 34 | 3 46 |
| T 29 | 18 35 | 3s10 | 4 24 | 20 32 | 1 50 | 6 11 | 1 5 | 23 12 | 0 45 | 2 51 | 1 12 | 1 5 | 2 23 | 23 36 | 0 16 | 18 50 | 0 21 | 17 15 | 6 0 | 14 4 | 13 52 | 12 39 | 4 34 | 3 46 |
| W30 | 18 20 | 7 35 | 4 58 | 20 38 | 1 35 | 5 41 | 1 2 | 23 8 | 0 45 | 2 55 | 1 11 | 1 4 | 2 24 | 23 36 | 0 16 | 18 50 | 0 21 | 17 15 | 6 0 | 14 4 | 13 53 | 12 37 | 4 33 | 3 46 |
| T 31 | 18n 6 | 11s29 | 5n15 | 20n42 | 1s21 | 5n11 | 0n59 | 23n 4 | 0n46 | 2s58 | 1n11 | 1n 3 | 2s24 | 23s36 | 0s16 | 18n49 | 0s21 | 17n15 | 6s 0 | 14n 4 | 13n54 | 12s36 | 4n33 | 3n47 |

Julian Day Number = 2600745.5, Delta T = 09m03s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'05, Lahiri = 29°34'06


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## AUGUST 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 40 24 | 9♌27'39 | 28♏51 | 20♋20 | 20♍17 | 17♋40 | 10♎26 | 8°R13 | 3°R44 | 4♌13 | 6♋10 | 22°R13 | 22♌42 | 28♒ 4 | 2°R42 | F 1 |
| S 2 | 20 44 21 | 10°24'59 | 11♐39 | 21°44 | 21°26 | 18°19 | 10°35 | 8♈12 | 3♉42 | 4°15 | 6°12 | 22♌12 | 22°39 | 28°11 | 2♈41 | S 2 |
| S 3 | 20 48 18 | 11°22'19 | 24°11 | 23°12 | 22°34 | 18°59 | 10°44 | 8°10 | 3°40 | 4°17 | 6°13 | 22°10 | 22°36 | 28°18 | 2°39 | S 3 |
| M 4 | 20 52 14 | 12°19'40 | 6♑30 | 24°45 | 23°42 | 19°39 | 10°53 | 8° 9 | 3°38 | 4°20 | 6°14 | 22° 9 | 22°33 | 28°24 | 2°38 | M 4 |
| T 5 | 20 56 11 | 13°17'02 | 18°38 | 26°22 | 24°51 | 20°19 | 11° 3 | 8° 7 | 3°37 | 4°22 | 6°15 | 22° 8 | 22°30 | 28°31 | 2°36 | T 5 |
| W 6 | 21 0 7 | 14°14'24 | 0♒37 | 28° 3 | 25°59 | 20°59 | 11°12 | 8° 5 | 3°35 | 4°24 | 6°17 | 22° 7 | 22°26 | 28°38 | 2°34 | W 6 |
| T 7 | 21 4 4 | 15°11'47 | 12°30 | 29°48 | 27° 6 | 21°38 | 11°22 | 8° 4 | 3°33 | 4°26 | 6°18 | 22° 6 | 22°23 | 28°44 | 2°33 | T 7 |
| F 8 | 21 8 0 | 16° 9'11 | 24°20 | 1♌36 | 28°14 | 22°18 | 11°31 | 8° 2 | 3°32 | 4°28 | 6°19 | 22°D 6 | 22°20 | 28°51 | 2°31 | F 8 |
| S 9 | 21 11 57 | 17° 6'35 | 6♓ 7 | 3°27 | 29°22 | 22°57 | 11°41 | 8° 0 | 3°30 | 4°31 | 6°20 | 22° 6 | 22°17 | 28°57 | 2°29 | S 9 |
| S 10 | 21 15 53 | 18° 4'01 | 17°56 | 5°21 | 0♎29 | 23°37 | 11°51 | 7°58 | 3°29 | 4°33 | 6°21 | 22° 7 | 22°14 | 29° 4 | 2°27 | S 10 |
| M11 | 21 19 50 | 19° 1'27 | 29°48 | 7°17 | 1°37 | 24°16 | 12° 1 | 7°56 | 3°27 | 4°35 | 6°22 | 22° 7 | 22°11 | 29°11 | 2°26 | M11 |
| T 12 | 21 23 47 | 19°58'55 | 11♈46 | 9°16 | 2°44 | 24°56 | 12°11 | 7°53 | 3°26 | 4°37 | 6°23 | 22° 7 | 22° 7 | 29°17 | 2°24 | T 12 |
| W13 | 21 27 43 | 20°56'24 | 23°54 | 11°16 | 3°51 | 25°35 | 12°21 | 7°51 | 3°24 | 4°39 | 6°24 | 22° 8 | 22° 4 | 29°24 | 2°22 | W13 |
| T 14 | 21 31 40 | 21°53'54 | 6♉17 | 13°18 | 4°58 | 26°15 | 12°31 | 7°49 | 3°23 | 4°41 | 6°26 | 22°R 8 | 22° 1 | 29°31 | 2°20 | T 14 |
| F 15 | 21 35 36 | 22°51'25 | 18°56 | 15°20 | 6° 5 | 26°54 | 12°42 | 7°46 | 3°22 | 4°44 | 6°27 | 22°D 8 | 21°58 | 29°37 | 2°18 | F 15 |
| S 16 | 21 39 33 | 23°48'58 | 1♊57 | 17°23 | 7°11 | 27°33 | 12°52 | 7°43 | 3°20 | 4°46 | 6°28 | 22° 8 | 21°55 | 29°44 | 2°16 | S 16 |
| S 17 | 21 43 29 | 24°46'32 | 15°23 | 19°27 | 8°18 | 28°13 | 13° 2 | 7°41 | 3°19 | 4°48 | 6°29 | 22° 8 | 21°52 | 29°51 | 2°14 | S 17 |
| M18 | 21 47 26 | 25°44'08 | 29°14 | 21°30 | 9°24 | 28°52 | 13°13 | 7°38 | 3°18 | 4°50 | 6°30 | 22° 8 | 21°48 | 29°57 | 2°12 | M18 |
| T 19 | 21 51 22 | 26°41'45 | 13♋31 | 23°34 | 10°30 | 29°31 | 13°23 | 7°35 | 3°17 | 4°52 | 6°31 | 22° 8 | 21°45 | 0♓ 4 | 2° 9 | T 19 |
| W20 | 21 55 19 | 27°39'23 | 28°12 | 25°37 | 11°36 | 0♌10 | 13°34 | 7°32 | 3°16 | 4°54 | 6°32 | 22° 9 | 21°42 | 0°11 | 2° 7 | W20 |
| T 21 | 21 59 16 | 28°37'03 | 13♌11 | 27°39 | 12°42 | 0°49 | 13°45 | 7°29 | 3°15 | 4°56 | 6°33 | 22° 9 | 21°39 | 0°17 | 2° 5 | T 21 |
| F 22 | 22 3 12 | 29°34'44 | 28°20 | 29°40 | 13°48 | 1°28 | 13°56 | 7°26 | 3°14 | 4°58 | 6°34 | 22°R 9 | 21°36 | 0°24 | 2° 3 | F 22 |
| S 23 | 22 7 9 | 0♍32'26 | 13♍32 | 1♍41 | 14°53 | 2° 7 | 14° 7 | 7°23 | 3°13 | 5° 0 | 6°35 | 22° 9 | 21°32 | 0°30 | 2° 0 | S 23 |
| S 24 | 22 11 5 | 1°30'09 | 28°35 | 3°41 | 15°59 | 2°46 | 14°18 | 7°20 | 3°12 | 5° 2 | 6°35 | 22° 8 | 21°29 | 0°37 | 1°58 | S 24 |
| M25 | 22 15 2 | 2°27'54 | 13♎22 | 5°39 | 17° 4 | 3°25 | 14°29 | 7°16 | 3°11 | 5° 4 | 6°36 | 22° 7 | 21°26 | 0°44 | 1°56 | M25 |
| T 26 | 22 18 58 | 3°25'39 | 27°46 | 7°36 | 18° 9 | 4° 4 | 14°40 | 7°13 | 3°10 | 5° 6 | 6°37 | 22° 6 | 21°23 | 0°50 | 1°53 | T 26 |
| W27 | 22 22 55 | 4°23'26 | 11♏45 | 9°32 | 19°14 | 4°43 | 14°51 | 7° 9 | 3° 9 | 5° 8 | 6°38 | 22° 5 | 21°20 | 0°57 | 1°51 | W27 |
| T 28 | 22 26 51 | 5°21'14 | 25°17 | 11°27 | 20°18 | 5°21 | 15° 2 | 7° 6 | 3° 9 | 5°10 | 6°39 | 22° 4 | 21°17 | 1° 4 | 1°48 | T 28 |
| F 29 | 22 30 48 | 6°19'03 | 8♐23 | 13°20 | 21°23 | 6° 0 | 15°14 | 7° 2 | 3° 8 | 5°12 | 6°40 | 22°D 4 | 21°13 | 1°10 | 1°46 | F 29 |
| S 30 | 22 34 45 | 7°16'53 | 21° 6 | 15°12 | 22°27 | 6°39 | 15°25 | 6°59 | 3° 7 | 5°14 | 6°41 | 22° 4 | 21°10 | 1°17 | 1°43 | S 30 |
| S 31 | 22 38 41 | 8♍14'44 | 3♑31 | 17♍ 3 | 23♎31 | 7♌17 | 15♎37 | 6♈55 | 3♉ 7 | 5♌16 | 6♋41 | 22♌ 5 | 21♌ 7 | 1♓24 | 1♈41 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n51 | 14s44 | 5n15 | 20n45 | 1s 6 | 4n42 | 0n56 | 22n59 | 0n46 | 3s 2 | 1n11 | 1n 3 | 2s24 | 23s36 | 0s16 | 18n49 | 0s21 | 17n15 | 6s 0 | 14n 4 | 13n55 | 12s34 | 4n32 | 3n47 |
| S 2 | 17 35 | 17 12 | 4 59 | 20 47 | 0 52 | 4 12 | 0 53 | 22 54 | 0 47 | 3 6 | 1 11 | 1 2 | 2 24 | 23 36 | 0 16 | 18 48 | 0 21 | 17 15 | 6 0 | 14 5 | 13 56 | 12 33 | 4 32 | 3 47 |
| S 3 | 17 20 | 18 47 | 4 29 | 20 46 | 0 38 | 3 42 | 0 49 | 22 49 | 0 47 | 3 9 | 1 11 | 1 1 | 2 25 | 23 36 | 0 16 | 18 48 | 0 21 | 17 14 | 6 0 | 14 5 | 13 57 | 12 31 | 4 31 | 3 47 |
| M 4 | 17 4 | 19 27 | 3 47 | 20 44 | 0 24 | 3 12 | 0 46 | 22 44 | 0 48 | 3 13 | 1 11 | 1 0 | 2 25 | 23 36 | 0 16 | 18 47 | 0 21 | 17 14 | 6 0 | 14 6 | 13 58 | 12 30 | 4 31 | 3 47 |
| T 5 | 16 48 | 19 12 | 2 55 | 20 39 | 0 11 | 2 42 | 0 43 | 22 39 | 0 48 | 3 17 | 1 10 | 0 59 | 2 25 | 23 36 | 0 16 | 18 47 | 0 21 | 17 14 | 6 0 | 14 6 | 13 59 | 12 28 | 4 30 | 3 47 |
| W 6 | 16 31 | 18 4 | 1 57 | 20 32 | 0n 2 | 2 12 | 0 39 | 22 33 | 0 49 | 3 21 | 1 10 | 0 59 | 2 25 | 23 36 | 0 16 | 18 46 | 0 21 | 17 14 | 6 0 | 14 6 | 14 0 | 12 27 | 4 30 | 3 47 |
| T 7 | 16 14 | 16 10 | 0 53 | 20 22 | 0 14 | 1 41 | 0 35 | 22 28 | 0 49 | 3 25 | 1 10 | 0 58 | 2 26 | 23 36 | 0 16 | 18 46 | 0 21 | 17 14 | 6 0 | 14 7 | 14 1 | 12 25 | 4 29 | 3 47 |
| F 8 | 15 58 | 13 35 | 0s12 | 20 10 | 0 26 | 1 11 | 0 32 | 22 22 | 0 50 | 3 29 | 1 10 | 0 57 | 2 26 | 23 36 | 0 16 | 18 45 | 0 21 | 17 14 | 6 0 | 14 7 | 14 2 | 12 24 | 4 29 | 3 47 |
| S 9 | 15 40 | 10 26 | 1 17 | 19 56 | 0 36 | 0 41 | 0 28 | 22 16 | 0 50 | 3 32 | 1 10 | 0 56 | 2 26 | 23 36 | 0 16 | 18 45 | 0 21 | 17 14 | 6 0 | 14 7 | 14 3 | 12 22 | 4 28 | 3 47 |
| S 10 | 15 23 | 6 53 | 2 19 | 19 39 | 0 47 | 0 10 | 0 24 | 22 10 | 0 51 | 3 36 | 1 10 | 0 55 | 2 26 | 23 36 | 0 16 | 18 44 | 0 21 | 17 14 | 6 0 | 14 6 | 14 4 | 12 21 | 4 27 | 3 48 |
| M11 | 15 5 | 3 4 | 3 15 | 19 19 | 0 56 | 0s20 | 0 20 | 22 3 | 0 51 | 3 40 | 1 9 | 0 53 | 2 27 | 23 37 | 0 16 | 18 44 | 0 21 | 17 14 | 6 1 | 14 6 | 14 5 | 12 19 | 4 27 | 3 48 |
| T 12 | 14 47 | 0n55 | 4 3 | 18 56 | 1 5 | 0 50 | 0 16 | 21 57 | 0 52 | 3 44 | 1 9 | 0 52 | 2 27 | 23 37 | 0 16 | 18 43 | 0 21 | 17 14 | 6 1 | 14 6 | 14 6 | 12 18 | 4 26 | 3 48 |
| W13 | 14 29 | 4 54 | 4 40 | 18 31 | 1 13 | 1 21 | 0 12 | 21 50 | 0 52 | 3 49 | 1 9 | 0 51 | 2 27 | 23 37 | 0 16 | 18 43 | 0 21 | 17 14 | 6 1 | 14 6 | 14 7 | 12 16 | 4 25 | 3 48 |
| T 14 | 14 11 | 8 46 | 5 6 | 18 4 | 1 20 | 1 51 | 0 8 | 21 43 | 0 53 | 3 53 | 1 9 | 0 50 | 2 27 | 23 37 | 0 16 | 18 42 | 0 21 | 17 13 | 6 1 | 14 6 | 14 8 | 12 15 | 4 25 | 3 48 |
| F 15 | 13 52 | 12 19 | 5 17 | 17 34 | 1 26 | 2 21 | 0 3 | 21 36 | 0 53 | 3 57 | 1 9 | 0 49 | 2 27 | 23 37 | 0 16 | 18 42 | 0 21 | 17 13 | 6 1 | 14 6 | 14 9 | 12 13 | 4 24 | 3 48 |
| S 16 | 13 33 | 15 23 | 5 13 | 17 2 | 1 31 | 2 52 | 0s 1 | 21 29 | 0 54 | 4 1 | 1 9 | 0 48 | 2 28 | 23 37 | 0 16 | 18 41 | 0 21 | 17 13 | 6 1 | 14 6 | 14 10 | 12 12 | 4 23 | 3 48 |
| S 17 | 13 14 | 17 44 | 4 52 | 16 28 | 1 35 | 3 22 | 0 5 | 21 22 | 0 54 | 4 5 | 1 9 | 0 46 | 2 28 | 23 37 | 0 16 | 18 41 | 0 21 | 17 13 | 6 1 | 14 6 | 14 11 | 12 10 | 4 22 | 3 48 |
| M18 | 12 55 | 19 9 | 4 14 | 15 52 | 1 39 | 3 52 | 0 10 | 21 14 | 0 55 | 4 9 | 1 8 | 0 45 | 2 28 | 23 37 | 0 16 | 18 40 | 0 21 | 17 13 | 6 1 | 14 6 | 14 12 | 12 9 | 4 22 | 3 48 |
| T 19 | 12 35 | 19 24 | 3 19 | 15 14 | 1 42 | 4 22 | 0 14 | 21 7 | 0 55 | 4 14 | 1 8 | 0 44 | 2 28 | 23 37 | 0 16 | 18 40 | 0 21 | 17 13 | 6 1 | 14 6 | 14 13 | 12 7 | 4 21 | 3 48 |
| W20 | 12 16 | 18 22 | 2 9 | 14 35 | 1 44 | 4 52 | 0 19 | 20 59 | 0 56 | 4 18 | 1 8 | 0 42 | 2 29 | 23 37 | 0 16 | 18 39 | 0 21 | 17 13 | 6 1 | 14 6 | 14 14 | 12 6 | 4 20 | 3 48 |
| T 21 | 11 56 | 16 2 | 0 50 | 13 54 | 1 45 | 5 22 | 0 24 | 20 51 | 0 56 | 4 22 | 1 8 | 0 41 | 2 29 | 23 37 | 0 16 | 18 39 | 0 21 | 17 13 | 6 1 | 14 6 | 14 15 | 12 4 | 4 19 | 3 48 |
| F 22 | 11 36 | 12 34 | 0n34 | 13 12 | 1 45 | 5 52 | 0 28 | 20 43 | 0 57 | 4 26 | 1 8 | 0 40 | 2 29 | 23 37 | 0 16 | 18 38 | 0 21 | 17 13 | 6 1 | 14 6 | 14 16 | 12 3 | 4 18 | 3 48 |
| S 23 | 11 15 | 8 15 | 1 56 | 12 29 | 1 45 | 6 22 | 0 33 | 20 35 | 0 57 | 4 31 | 1 8 | 0 38 | 2 29 | 23 37 | 0 16 | 18 38 | 0 21 | 17 13 | 6 1 | 14 6 | 14 17 | 12 1 | 4 17 | 3 48 |
| S 24 | 10 55 | 3 27 | 3 9 | 11 46 | 1 44 | 6 51 | 0 38 | 20 26 | 0 58 | 4 35 | 1 8 | 0 37 | 2 29 | 23 37 | 0 16 | 18 37 | 0 21 | 17 12 | 6 1 | 14 6 | 14 18 | 12 0 | 4 16 | 3 48 |
| M25 | 10 34 | 1s27 | 4 8 | 11 1 | 1 43 | 7 21 | 0 43 | 20 18 | 0 58 | 4 39 | 1 7 | 0 35 | 2 30 | 23 37 | 0 16 | 18 37 | 0 21 | 17 12 | 6 1 | 14 6 | 14 20 | 11 58 | 4 16 | 3 48 |
| T 26 | 10 14 | 6 9 | 4 49 | 10 15 | 1 41 | 7 50 | 0 48 | 20 9 | 0 59 | 4 44 | 1 7 | 0 34 | 2 30 | 23 37 | 0 16 | 18 36 | 0 21 | 17 12 | 6 1 | 14 7 | 14 21 | 11 57 | 4 15 | 3 48 |
| W27 | 9 53 | 10 22 | 5 12 | 9 30 | 1 38 | 8 20 | 0 53 | 20 0 | 0 59 | 4 48 | 1 7 | 0 32 | 2 30 | 23 37 | 0 16 | 18 36 | 0 21 | 17 12 | 6 1 | 14 7 | 14 22 | 11 55 | 4 14 | 3 49 |
| T 28 | 9 32 | 13 55 | 5 17 | 8 43 | 1 35 | 8 49 | 0 58 | 19 51 | 1 0 | 4 53 | 1 7 | 0 31 | 2 30 | 23 37 | 0 16 | 18 35 | 0 21 | 17 12 | 6 1 | 14 7 | 14 23 | 11 54 | 4 13 | 3 49 |
| F 29 | 9 10 | 16 38 | 5 4 | 7 57 | 1 31 | 9 18 | 1 3 | 19 42 | 1 0 | 4 57 | 1 7 | 0 29 | 2 30 | 23 37 | 0 16 | 18 35 | 0 21 | 17 12 | 6 2 | 14 7 | 14 24 | 11 52 | 4 12 | 3 49 |
| S 30 | 8 49 | 18 28 | 4 37 | 7 10 | 1 27 | 9 46 | 1 8 | 19 33 | 1 1 | 5 2 | 1 7 | 0 27 | 2 31 | 23 37 | 0 16 | 18 34 | 0 21 | 17 12 | 6 2 | 14 7 | 14 25 | 11 50 | 4 11 | 3 49 |
| S 31 | 8n28 | 19s22 | 3n58 | 6n23 | 1n23 | 10s15 | 1s13 | 19n24 | 1n 1 | 5s 6 | 1n 7 | 0n26 | 2s31 | 23s37 | 0s16 | 18n34 | 0s21 | 17n12 | 6s 2 | 14n 7 | 14n26 | 11s49 | 4n10 | 3n49 |

Julian Day Number = 2600776.5, Delta T = 09m03s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'09, Lahiri = 29°34'10


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## SEPTEMBER 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 42 38 | 9♍12'37 | 15♉41 | 18♍52 | 24♎35 | 7♌56 | 15♎48 | 6°R51 | 3°R 6 | 5♌18 | 6♋42 | 22♌ 6 | 21♌ 4 | 1♓30 | 1°R38 | M 1 |
| T 2 | 22 46 34 | 10°10'30 | 27°40 | 20°40 | 25°38 | 8°34 | 16° 0 | 6♈47 | 3♉ 6 | 5°20 | 6°43 | 22° 8 | 21° 1 | 1°37 | 1♈36 | T 2 |
| W 3 | 22 50 31 | 11° 8'25 | 9♒32 | 22°27 | 26°41 | 9°13 | 16°11 | 6°43 | 3° 5 | 5°22 | 6°44 | 22° 9 | 20°58 | 1°44 | 1°33 | W 3 |
| T 4 | 22 54 27 | 12° 6'22 | 21°21 | 24°12 | 27°44 | 9°51 | 16°23 | 6°39 | 3° 5 | 5°24 | 6°44 | 22°R 9 | 20°54 | 1°50 | 1°30 | T 4 |
| F 5 | 22 58 24 | 13° 4'20 | 3♓ 8 | 25°56 | 28°47 | 10°30 | 16°35 | 6°35 | 3° 4 | 5°26 | 6°45 | 22° 9 | 20°51 | 1°57 | 1°28 | F 5 |
| S 6 | 23 2 20 | 14° 2'19 | 14°58 | 27°39 | 29°50 | 11° 8 | 16°47 | 6°31 | 3° 4 | 5°28 | 6°46 | 22° 7 | 20°48 | 2° 4 | 1°25 | S 6 |
| S 7 | 23 6 17 | 15° 0'20 | 26°51 | 29°20 | 0♏52 | 11°46 | 16°58 | 6°27 | 3° 4 | 5°29 | 6°46 | 22° 5 | 20°45 | 2°10 | 1°22 | S 7 |
| M 8 | 23 10 13 | 15°58'22 | 8♈50 | 1♎ 1 | 1°54 | 12°25 | 17°10 | 6°23 | 3° 4 | 5°31 | 6°47 | 22° 1 | 20°42 | 2°17 | 1°19 | M 8 |
| T 9 | 23 14 10 | 16°56'27 | 20°56 | 2°40 | 2°55 | 13° 3 | 17°22 | 6°19 | 3° 4 | 5°33 | 6°48 | 21°57 | 20°38 | 2°23 | 1°17 | T 9 |
| W10 | 23 18 7 | 17°54'33 | 3♉13 | 4°17 | 3°57 | 13°41 | 17°34 | 6°15 | 3° 4 | 5°35 | 6°48 | 21°53 | 20°35 | 2°30 | 1°14 | W10 |
| T 11 | 23 22 3 | 18°52'41 | 15°42 | 5°54 | 4°58 | 14°19 | 17°46 | 6°10 | 3°D 4 | 5°36 | 6°49 | 21°50 | 20°32 | 2°37 | 1°11 | T 11 |
| F 12 | 23 26 0 | 19°50'51 | 28°25 | 7°29 | 5°58 | 14°57 | 17°58 | 6° 6 | 3° 4 | 5°38 | 6°49 | 21°47 | 20°29 | 2°43 | 1° 8 | F 12 |
| S 13 | 23 29 56 | 20°49'02 | 11♊25 | 9° 3 | 6°59 | 15°35 | 18°11 | 6° 2 | 3° 4 | 5°40 | 6°50 | 21°45 | 20°26 | 2°50 | 1° 6 | S 13 |
| S 14 | 23 33 53 | 21°47'16 | 24°45 | 10°36 | 7°59 | 16°13 | 18°23 | 5°57 | 3° 4 | 5°42 | 6°50 | 21°D45 | 20°23 | 2°57 | 1° 3 | S 14 |
| M15 | 23 37 49 | 22°45'32 | 8♋26 | 12° 8 | 8°59 | 16°51 | 18°35 | 5°53 | 3° 4 | 5°43 | 6°51 | 21°45 | 20°19 | 3° 3 | 1° 0 | M15 |
| T 16 | 23 41 46 | 23°43'51 | 22°30 | 13°39 | 9°58 | 17°29 | 18°47 | 5°48 | 3° 4 | 5°45 | 6°51 | 21°47 | 20°16 | 3°10 | 0°57 | T 16 |
| W17 | 23 45 42 | 24°42'11 | 6♌56 | 15° 8 | 10°57 | 18° 7 | 19° 0 | 5°44 | 3° 4 | 5°46 | 6°52 | 21°48 | 20°13 | 3°17 | 0°54 | W17 |
| T 18 | 23 49 39 | 25°40'33 | 21°41 | 16°36 | 11°56 | 18°45 | 19°12 | 5°39 | 3° 5 | 5°48 | 6°52 | 21°R49 | 20°10 | 3°23 | 0°51 | T 18 |
| F 19 | 23 53 36 | 26°38'57 | 6♍41 | 18° 4 | 12°54 | 19°23 | 19°25 | 5°35 | 3° 5 | 5°50 | 6°53 | 21°48 | 20° 7 | 3°30 | 0°49 | F 19 |
| S 20 | 23 57 32 | 27°37'23 | 21°47 | 19°29 | 13°52 | 20° 0 | 19°37 | 5°30 | 3° 5 | 5°51 | 6°53 | 21°46 | 20° 3 | 3°37 | 0°46 | S 20 |
| S 21 | 0 1 29 | 28°35'51 | 6♎51 | 20°54 | 14°50 | 20°38 | 19°49 | 5°25 | 3° 6 | 5°53 | 6°53 | 21°41 | 20° 0 | 3°43 | 0°43 | S 21 |
| M22 | 0 5 25 | 29°34'20 | 21°43 | 22°17 | 15°47 | 21°16 | 20° 2 | 5°21 | 3° 7 | 5°54 | 6°54 | 21°36 | 19°57 | 3°50 | 0°40 | M22 |
| T 23 | 0 9 22 | 0♎32'52 | 6♏15 | 23°40 | 16°43 | 21°53 | 20°15 | 5°16 | 3° 7 | 5°56 | 6°54 | 21°30 | 19°54 | 3°57 | 0°37 | T 23 |
| W24 | 0 13 18 | 1°31'25 | 20°22 | 25° 0 | 17°40 | 22°31 | 20°27 | 5°11 | 3° 8 | 5°57 | 6°54 | 21°24 | 19°51 | 4° 3 | 0°34 | W24 |
| T 25 | 0 17 15 | 2°30'00 | 4♐ 1 | 26°20 | 18°35 | 23° 8 | 20°40 | 5° 7 | 3° 8 | 5°58 | 6°54 | 21°20 | 19°48 | 4°10 | 0°31 | T 25 |
| F 26 | 0 21 11 | 3°28'36 | 17°11 | 27°38 | 19°31 | 23°46 | 20°52 | 5° 2 | 3° 9 | 6° 0 | 6°55 | 21°17 | 19°44 | 4°16 | 0°28 | F 26 |
| S 27 | 0 25 8 | 4°27'14 | 29°57 | 28°54 | 20°25 | 24°23 | 21° 5 | 4°58 | 3°10 | 6° 1 | 6°55 | 21°D15 | 19°41 | 4°23 | 0°26 | S 27 |
| S 28 | 0 29 5 | 5°25'54 | 12♉21 | 0♏ 9 | 21°19 | 25° 1 | 21°18 | 4°53 | 3°11 | 6° 2 | 6°55 | 21°15 | 19°38 | 4°30 | 0°23 | S 28 |
| M29 | 0 33 1 | 6°24'35 | 24°28 | 1°23 | 22°13 | 25°38 | 21°31 | 4°48 | 3°12 | 6° 4 | 6°55 | 21°17 | 19°35 | 4°36 | 0°20 | M29 |
| T 30 | 0 36 58 | 7♎23'18 | 6♒24 | 2♏35 | 23♏ 6 | 26♌15 | 21♎43 | 4♈44 | 3♉13 | 6♌ 5 | 6♋55 | 21♌18 | 19♌32 | 4♓43 | 0♈17 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n 6 | 19s21 | 3n 8 | 5n36 | 1n18 | 10s43 | 1s19 | 19n14 | 1n 2 | 5s11 | 1n 7 | 0n24 | 2s31 | 23s37 | 0s16 | 18n33 | 0s21 | 17n12 | 6s 2 | 14n 7 | 14n27 | 11s47 | 4n 9 | 3n49 |
| T 2 | 7 44 | 18 26 | 2 11 | 4 48 | 1 13 | 11 11 | 1 24 | 19 5 | 1 2 | 5 15 | 1 7 | 0 22 | 2 31 | 23 37 | 0 16 | 18 33 | 0 21 | 17 12 | 6 2 | 14 6 | 14 28 | 11 46 | 4 8 | 3 49 |
| W 3 | 7 22 | 16 43 | 1 9 | 4 1 | 1 7 | 11 39 | 1 29 | 18 55 | 1 3 | 5 20 | 1 6 | 0 21 | 2 31 | 23 37 | 0 16 | 18 33 | 0 21 | 17 11 | 6 2 | 14 6 | 14 29 | 11 44 | 4 7 | 3 49 |
| T 4 | 7 0 | 14 17 | 0 4 | 3 14 | 1 2 | 12 7 | 1 35 | 18 45 | 1 3 | 5 24 | 1 6 | 0 19 | 2 31 | 23 37 | 0 16 | 18 32 | 0 21 | 17 11 | 6 2 | 14 6 | 14 30 | 11 43 | 4 6 | 3 49 |
| F 5 | 6 38 | 11 16 | 1s 0 | 2 28 | 0 56 | 12 35 | 1 40 | 18 35 | 1 4 | 5 29 | 1 6 | 0 17 | 2 32 | 23 37 | 0 16 | 18 32 | 0 21 | 17 11 | 6 2 | 14 6 | 14 31 | 11 41 | 4 5 | 3 49 |
| S 6 | 6 16 | 7 48 | 2 3 | 1 41 | 0 49 | 13 2 | 1 46 | 18 25 | 1 4 | 5 34 | 1 6 | 0 16 | 2 32 | 23 37 | 0 16 | 18 31 | 0 21 | 17 11 | 6 2 | 14 6 | 14 32 | 11 40 | 4 4 | 3 49 |
| S 7 | 5 54 | 4 0 | 3 0 | 0 55 | 0 43 | 13 29 | 1 51 | 18 15 | 1 5 | 5 38 | 1 6 | 0 14 | 2 32 | 23 37 | 0 16 | 18 31 | 0 21 | 17 11 | 6 2 | 14 7 | 14 33 | 11 38 | 4 2 | 3 49 |
| M 8 | 5 31 | 0 1 | 3 49 | 0 9 | 0 36 | 13 56 | 1 57 | 18 5 | 1 5 | 5 43 | 1 6 | 0 12 | 2 32 | 23 37 | 0 16 | 18 30 | 0 21 | 17 11 | 6 2 | 14 8 | 14 34 | 11 36 | 4 1 | 3 49 |
| T 9 | 5 9 | 3n59 | 4 29 | 0s37 | 0 29 | 14 22 | 2 2 | 17 55 | 1 6 | 5 47 | 1 6 | 0 10 | 2 32 | 23 37 | 0 16 | 18 30 | 0 21 | 17 11 | 6 2 | 14 9 | 14 35 | 11 35 | 4 0 | 3 49 |
| W10 | 4 46 | 7 54 | 4 57 | 1 22 | 0 22 | 14 48 | 2 8 | 17 44 | 1 6 | 5 52 | 1 6 | 0 9 | 2 32 | 23 37 | 0 16 | 18 29 | 0 21 | 17 11 | 6 2 | 14 11 | 14 36 | 11 33 | 3 59 | 3 49 |
| T 11 | 4 23 | 11 31 | 5 12 | 2 7 | 0 14 | 15 14 | 2 13 | 17 34 | 1 7 | 5 57 | 1 6 | 0 7 | 2 32 | 23 37 | 0 16 | 18 29 | 0 21 | 17 11 | 6 3 | 14 12 | 14 37 | 11 32 | 3 58 | 3 49 |
| F 12 | 4 1 | 14 41 | 5 12 | 2 52 | 0 7 | 15 40 | 2 19 | 17 23 | 1 7 | 6 1 | 1 6 | 0 5 | 2 32 | 23 37 | 0 16 | 18 29 | 0 21 | 17 10 | 6 3 | 14 13 | 14 38 | 11 30 | 3 57 | 3 49 |
| S 13 | 3 38 | 17 13 | 4 56 | 3 36 | 0s 1 | 16 5 | 2 24 | 17 12 | 1 8 | 6 6 | 1 5 | 0 3 | 2 33 | 23 37 | 0 16 | 18 28 | 0 21 | 17 10 | 6 3 | 14 13 | 14 39 | 11 28 | 3 56 | 3 48 |
| S 14 | 3 15 | 18 54 | 4 23 | 4 19 | 0 8 | 16 30 | 2 30 | 17 1 | 1 8 | 6 11 | 1 5 | 0 1 | 2 33 | 23 37 | 0 16 | 18 28 | 0 21 | 17 10 | 6 3 | 14 14 | 14 40 | 11 27 | 3 55 | 3 48 |
| M15 | 2 52 | 19 32 | 3 36 | 5 2 | 0 16 | 16 55 | 2 36 | 16 50 | 1 9 | 6 16 | 1 5 | 0s 1 | 2 33 | 23 37 | 0 16 | 18 27 | 0 21 | 17 10 | 6 3 | 14 13 | 14 41 | 11 25 | 3 53 | 3 48 |
| T 16 | 2 29 | 18 59 | 2 34 | 5 45 | 0 24 | 17 19 | 2 41 | 16 39 | 1 9 | 6 20 | 1 5 | 0 2 | 2 33 | 23 37 | 0 16 | 18 27 | 0 21 | 17 10 | 6 3 | 14 13 | 14 42 | 11 24 | 3 52 | 3 48 |
| W17 | 2 6 | 17 12 | 1 21 | 6 26 | 0 32 | 17 43 | 2 47 | 16 28 | 1 9 | 6 25 | 1 5 | 0 4 | 2 33 | 23 37 | 0 16 | 18 27 | 0 21 | 17 10 | 6 3 | 14 12 | 14 43 | 11 22 | 3 51 | 3 48 |
| T 18 | 1 43 | 14 14 | 0 1 | 7 8 | 0 40 | 18 7 | 2 52 | 16 17 | 1 10 | 6 30 | 1 5 | 0 6 | 2 33 | 23 37 | 0 16 | 18 26 | 0 21 | 17 10 | 6 3 | 14 12 | 14 44 | 11 20 | 3 50 | 3 48 |
| F 19 | 1 20 | 10 17 | 1n20 | 7 48 | 0 48 | 18 30 | 2 58 | 16 5 | 1 10 | 6 35 | 1 5 | 0 8 | 2 33 | 23 37 | 0 16 | 18 26 | 0 21 | 17 10 | 6 3 | 14 12 | 14 45 | 11 19 | 3 49 | 3 48 |
| S 20 | 0 57 | 5 39 | 2 36 | 8 28 | 0 56 | 18 53 | 3 4 | 15 54 | 1 11 | 6 39 | 1 5 | 0 10 | 2 33 | 23 37 | 0 16 | 18 25 | 0 21 | 17 10 | 6 3 | 14 13 | 14 46 | 11 17 | 3 47 | 3 48 |
| S 21 | 0 33 | 0 40 | 3 41 | 9 8 | 1 4 | 19 16 | 3 9 | 15 42 | 1 11 | 6 44 | 1 5 | 0 12 | 2 33 | 23 37 | 0 16 | 18 25 | 0 21 | 17 9 | 6 3 | 14 15 | 14 47 | 11 16 | 3 46 | 3 48 |
| M22 | 0 10 | 4s16 | 4 30 | 9 46 | 1 12 | 19 38 | 3 15 | 15 31 | 1 12 | 6 49 | 1 5 | 0 14 | 2 33 | 23 37 | 0 16 | 18 25 | 0 21 | 17 9 | 6 3 | 14 16 | 14 48 | 11 14 | 3 45 | 3 48 |
| T 23 | 0s13 | 8 51 | 5 0 | 10 24 | 1 20 | 20 0 | 3 20 | 15 19 | 1 12 | 6 54 | 1 5 | 0 16 | 2 33 | 23 37 | 0 16 | 18 24 | 0 21 | 17 9 | 6 4 | 14 18 | 14 49 | 11 12 | 3 44 | 3 48 |
| W24 | 0 36 | 12 48 | 5 11 | 11 1 | 1 28 | 20 21 | 3 26 | 15 7 | 1 13 | 6 58 | 1 5 | 0 17 | 2 33 | 23 37 | 0 16 | 18 24 | 0 21 | 17 9 | 6 4 | 14 20 | 14 50 | 11 11 | 3 43 | 3 48 |
| T 25 | 1 0 | 15 56 | 5 3 | 11 37 | 1 36 | 20 42 | 3 32 | 14 55 | 1 13 | 7 3 | 1 5 | 0 19 | 2 34 | 23 37 | 0 16 | 18 24 | 0 21 | 17 9 | 6 4 | 14 22 | 14 51 | 11 9 | 3 41 | 3 48 |
| F 26 | 1 23 | 18 8 | 4 40 | 12 13 | 1 43 | 21 3 | 3 37 | 14 44 | 1 14 | 7 8 | 1 5 | 0 21 | 2 34 | 23 37 | 0 16 | 18 23 | 0 21 | 17 9 | 6 4 | 14 23 | 14 52 | 11 8 | 3 40 | 3 48 |
| S 27 | 1 46 | 19 20 | 4 3 | 12 47 | 1 51 | 21 23 | 3 42 | 14 32 | 1 14 | 7 13 | 1 4 | 0 23 | 2 34 | 23 37 | 0 16 | 18 23 | 0 21 | 17 9 | 6 4 | 14 23 | 14 53 | 11 6 | 3 39 | 3 48 |
| S 28 | 2 9 | 19 34 | 3 16 | 13 21 | 1 59 | 21 43 | 3 48 | 14 19 | 1 14 | 7 18 | 1 4 | 0 25 | 2 34 | 23 37 | 0 16 | 18 23 | 0 21 | 17 9 | 6 4 | 14 23 | 14 54 | 11 4 | 3 38 | 3 47 |
| M29 | 2 32 | 18 52 | 2 20 | 13 54 | 2 6 | 22 2 | 3 53 | 14 7 | 1 15 | 7 22 | 1 4 | 0 27 | 2 34 | 23 37 | 0 16 | 18 22 | 0 21 | 17 9 | 6 4 | 14 23 | 14 55 | 11 3 | 3 37 | 3 47 |
| T 30 | 2s56 | 17s20 | 1n20 | 14s26 | 2s13 | 22s21 | 3s59 | 13n55 | 1n15 | 7s27 | 1n 4 | 0s29 | 2s34 | 23s37 | 0s16 | 18n22 | 0s21 | 17n 9 | 6s 4 | 14n22 | 14n56 | 11s 1 | 3n35 | 3n47 |

Julian Day Number = 2600807.5, Delta T = 09m03s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'13, Lahiri = 29°34'15


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## OCTOBER 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 40 54 | 8♎22'03 | 18♒13 | 3♏45 | 23♏58 | 26♌52 | 21♎56 | 4°R39 | 3♉14 | 6♌ 6 | 6♋56 | 21°R19 | 19♌29 | 4♓50 | 0°R14 | W 1 |
| T 2 | 0 44 51 | 9°20'50 | 29°59 | 4°53 | 24°50 | 27°30 | 22° 9 | 4♈34 | 3°15 | 6° 8 | 6°56 | 21♌19 | 19°25 | 4°56 | 0♈11 | T 2 |
| F 3 | 0 48 47 | 10°19'38 | 11♓48 | 5°59 | 25°41 | 28° 7 | 22°22 | 4°30 | 3°16 | 6° 9 | 6°56 | 21°16 | 19°22 | 5° 3 | 0° 9 | F 3 |
| S 4 | 0 52 44 | 11°18'28 | 23°42 | 7° 3 | 26°32 | 28°44 | 22°35 | 4°25 | 3°17 | 6°10 | 6°56 | 21°12 | 19°19 | 5°10 | 0° 6 | S 4 |
| S 5 | 0 56 40 | 12°17'20 | 5♈43 | 8° 4 | 27°22 | 29°21 | 22°48 | 4°20 | 3°18 | 6°11 | 6°56 | 21° 5 | 19°16 | 5°16 | 0° 3 | S 5 |
| M 6 | 1 0 37 | 13°16'14 | 17°53 | 9° 3 | 28°11 | 29°58 | 23° 0 | 4°16 | 3°19 | 6°12 | 6°56 | 20°56 | 19°13 | 5°23 | 0° 0 | M 6 |
| T 7 | 1 4 33 | 14°15'10 | 0♉14 | 10° 0 | 28°59 | 0♍35 | 23°13 | 4°11 | 3°21 | 6°13 | 6°R56 | 20°47 | 19° 9 | 5°30 | 29♓58 | T 7 |
| W 8 | 1 8 30 | 15°14'08 | 12°45 | 10°53 | 29°46 | 1°12 | 23°26 | 4° 7 | 3°22 | 6°14 | 6°56 | 20°37 | 19° 6 | 5°36 | 29°55 | W 8 |
| T 9 | 1 12 27 | 16°13'08 | 25°28 | 11°44 | 0♗33 | 1°48 | 23°39 | 4° 2 | 3°23 | 6°15 | 6°56 | 20°27 | 19° 3 | 5°43 | 29°52 | T 9 |
| F 10 | 1 16 23 | 17°12'10 | 8♊23 | 12°31 | 1°19 | 2°25 | 23°52 | 3°58 | 3°25 | 6°16 | 6°56 | 20°19 | 19° 0 | 5°50 | 29°49 | F 10 |
| S 11 | 1 20 20 | 18°11'15 | 21°31 | 13°14 | 2° 4 | 3° 2 | 24° 5 | 3°53 | 3°26 | 6°17 | 6°56 | 20°14 | 18°57 | 5°56 | 29°47 | S 11 |
| S 12 | 1 24 16 | 19°10'22 | 4♋52 | 13°53 | 2°48 | 3°39 | 24°18 | 3°49 | 3°28 | 6°18 | 6°56 | 20°11 | 18°54 | 6° 3 | 29°44 | S 12 |
| M13 | 1 28 13 | 20° 9'31 | 18°29 | 14°27 | 3°31 | 4°15 | 24°31 | 3°45 | 3°29 | 6°19 | 6°56 | 20°D10 | 18°50 | 6°10 | 29°41 | M13 |
| T 14 | 1 32 9 | 21° 8'43 | 2♌22 | 14°57 | 4°13 | 4°52 | 24°44 | 3°40 | 3°31 | 6°20 | 6°55 | 20°10 | 18°47 | 6°16 | 29°39 | T 14 |
| W15 | 1 36 6 | 22° 7'57 | 16°32 | 15°21 | 4°54 | 5°29 | 24°57 | 3°36 | 3°33 | 6°21 | 6°55 | 20°R11 | 18°44 | 6°23 | 29°36 | W15 |
| T 16 | 1 40 2 | 23° 7'13 | 0♍58 | 15°40 | 5°34 | 6° 5 | 25°10 | 3°32 | 3°34 | 6°21 | 6°55 | 20°10 | 18°41 | 6°29 | 29°34 | T 16 |
| F 17 | 1 43 59 | 24° 6'31 | 15°37 | 15°52 | 6°13 | 6°41 | 25°23 | 3°27 | 3°36 | 6°22 | 6°55 | 20° 8 | 18°38 | 6°36 | 29°31 | F 17 |
| S 18 | 1 47 56 | 25° 5'52 | 0♎24 | 15°R58 | 6°50 | 7°18 | 25°36 | 3°23 | 3°38 | 6°23 | 6°55 | 20° 3 | 18°35 | 6°43 | 29°29 | S 18 |
| S 19 | 1 51 52 | 26° 5'15 | 15°13 | 15°56 | 7°27 | 7°54 | 25°49 | 3°19 | 3°40 | 6°24 | 6°54 | 19°55 | 18°31 | 6°49 | 29°26 | S 19 |
| M20 | 1 55 49 | 27° 4'40 | 29°54 | 15°47 | 8° 2 | 8°30 | 26° 2 | 3°15 | 3°42 | 6°24 | 6°54 | 19°46 | 18°28 | 6°56 | 29°24 | M20 |
| T 21 | 1 59 45 | 28° 4'07 | 14♏21 | 15°29 | 8°36 | 9° 7 | 26°15 | 3°11 | 3°44 | 6°25 | 6°54 | 19°35 | 18°25 | 7° 3 | 29°21 | T 21 |
| W22 | 2 3 42 | 29° 3'35 | 28°27 | 15° 3 | 9° 9 | 9°43 | 26°28 | 3° 7 | 3°46 | 6°26 | 6°53 | 19°24 | 18°22 | 7° 9 | 29°19 | W22 |
| T 23 | 2 7 38 | 0♏ 3'06 | 12♐ 7 | 14°29 | 9°40 | 10°19 | 26°41 | 3° 3 | 3°48 | 6°26 | 6°53 | 19°15 | 18°19 | 7°16 | 29°16 | T 23 |
| F 24 | 2 11 35 | 1° 2'39 | 25°21 | 13°46 | 10°10 | 10°55 | 26°54 | 2°59 | 3°50 | 6°27 | 6°53 | 19° 7 | 18°15 | 7°23 | 29°14 | F 24 |
| S 25 | 2 15 31 | 2° 2'13 | 8♑ 9 | 12°55 | 10°38 | 11°31 | 27° 7 | 2°56 | 3°52 | 6°27 | 6°52 | 19° 2 | 18°12 | 7°29 | 29°12 | S 25 |
| S 26 | 2 19 28 | 3° 1'49 | 20°35 | 11°56 | 11° 4 | 12° 7 | 27°20 | 2°52 | 3°54 | 6°28 | 6°52 | 19° 0 | 18° 9 | 7°36 | 29°10 | S 26 |
| M27 | 2 23 25 | 4° 1'27 | 2♒43 | 10°51 | 11°29 | 12°43 | 27°33 | 2°48 | 3°56 | 6°28 | 6°51 | 18°D59 | 18° 6 | 7°43 | 29° 7 | M27 |
| T 28 | 2 27 21 | 5° 1'06 | 14°39 | 9°40 | 11°52 | 13°19 | 27°46 | 2°45 | 3°58 | 6°29 | 6°51 | 18°R59 | 18° 3 | 7°49 | 29° 5 | T 28 |
| W29 | 2 31 18 | 6° 0'48 | 26°28 | 8°26 | 12°14 | 13°54 | 27°59 | 2°41 | 4° 1 | 6°29 | 6°50 | 18°59 | 18° 0 | 7°56 | 29° 3 | W29 |
| T 30 | 2 35 14 | 7° 0'30 | 8♓15 | 7°11 | 12°33 | 14°30 | 28°12 | 2°38 | 4° 3 | 6°29 | 6°50 | 18°58 | 17°56 | 8° 3 | 29° 1 | T 30 |
| F 31 | 2 39 11 | 8♏ 0'15 | 20♓ 6 | 5♏56 | 12♐51 | 15♍ 6 | 28♎25 | 2♈34 | 4♉ 5 | 6♌30 | 6♋49 | 18♌54 | 17♌53 | 8♓ 9 | 28♓59 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s19 | 15s 4 | 0n17 | 14s56 | 2s21 | 22s40 | 4s 4 | 13n43 | 1n16 | 7s32 | 1n 4 | 0s31 | 2s34 | 23s37 | 0s16 | 18n22 | 0s21 | 17n 8 | 6s 4 | 14n22 | 14n57 | 10s59 | 3n34 | 3n47 |
| T 2 | 3 42 | 12 11 | 0s47 | 15 26 | 2 28 | 22 58 | 4 9 | 13 31 | 1 16 | 7 37 | 1 4 | 0 32 | 2 34 | 23 37 | 0 16 | 18 21 | 0 21 | 17 8 | 6 4 | 14 22 | 14 58 | 10 58 | 3 33 | 3 47 |
| F 3 | 4 5 | 8 47 | 1 48 | 15 55 | 2 34 | 23 15 | 4 14 | 13 18 | 1 17 | 7 42 | 1 4 | 0 34 | 2 34 | 23 37 | 0 16 | 18 21 | 0 21 | 17 8 | 6 4 | 14 23 | 14 59 | 10 56 | 3 32 | 3 47 |
| S 4 | 4 28 | 5 2 | 2 46 | 16 22 | 2 41 | 23 32 | 4 19 | 13 6 | 1 17 | 7 46 | 1 4 | 0 36 | 2 34 | 23 37 | 0 16 | 18 21 | 0 21 | 17 8 | 6 4 | 14 24 | 15 0 | 10 54 | 3 30 | 3 47 |
| S 5 | 4 51 | 1 2 | 3 36 | 16 48 | 2 47 | 23 49 | 4 24 | 12 53 | 1 18 | 7 51 | 1 4 | 0 38 | 2 34 | 23 37 | 0 16 | 18 21 | 0 21 | 17 8 | 6 5 | 14 26 | 15 1 | 10 53 | 3 29 | 3 47 |
| M 6 | 5 14 | 3n 3 | 4 17 | 17 13 | 2 53 | 24 5 | 4 29 | 12 41 | 1 18 | 7 56 | 1 4 | 0 40 | 2 34 | 23 36 | 0 16 | 18 20 | 0 21 | 17 8 | 6 5 | 14 29 | 15 2 | 10 51 | 3 28 | 3 47 |
| T 7 | 5 36 | 7 3 | 4 46 | 17 36 | 2 59 | 24 21 | 4 34 | 12 28 | 1 18 | 8 1 | 1 4 | 0 41 | 2 34 | 23 36 | 0 16 | 18 20 | 0 21 | 17 8 | 6 5 | 14 32 | 15 3 | 10 50 | 3 27 | 3 46 |
| W 8 | 5 59 | 10 49 | 5 3 | 17 58 | 3 4 | 24 36 | 4 39 | 12 15 | 1 19 | 8 6 | 1 4 | 0 43 | 2 34 | 23 36 | 0 16 | 18 20 | 0 21 | 17 8 | 6 5 | 14 35 | 15 4 | 10 48 | 3 26 | 3 46 |
| T 9 | 6 22 | 14 9 | 5 4 | 18 18 | 3 9 | 24 51 | 4 44 | 12 3 | 1 19 | 8 10 | 1 4 | 0 45 | 2 34 | 23 36 | 0 16 | 18 20 | 0 21 | 17 8 | 6 5 | 14 38 | 15 5 | 10 46 | 3 24 | 3 46 |
| F 10 | 6 44 | 16 52 | 4 51 | 18 37 | 3 13 | 25 5 | 4 48 | 11 50 | 1 20 | 8 15 | 1 4 | 0 47 | 2 34 | 23 36 | 0 16 | 18 19 | 0 21 | 17 8 | 6 5 | 14 41 | 15 6 | 10 45 | 3 23 | 3 46 |
| S 11 | 7 7 | 18 46 | 4 22 | 18 54 | 3 17 | 25 18 | 4 53 | 11 37 | 1 20 | 8 20 | 1 4 | 0 48 | 2 34 | 23 36 | 0 16 | 18 19 | 0 21 | 17 8 | 6 5 | 14 42 | 15 7 | 10 43 | 3 22 | 3 46 |
| S 12 | 7 29 | 19 40 | 3 38 | 19 9 | 3 20 | 25 32 | 4 57 | 11 24 | 1 21 | 8 25 | 1 4 | 0 50 | 2 34 | 23 36 | 0 16 | 18 19 | 0 21 | 17 7 | 6 5 | 14 43 | 15 8 | 10 41 | 3 21 | 3 46 |
| M13 | 7 52 | 19 27 | 2 41 | 19 22 | 3 22 | 25 44 | 5 1 | 11 11 | 1 21 | 8 29 | 1 4 | 0 52 | 2 33 | 23 36 | 0 16 | 18 19 | 0 21 | 17 7 | 6 5 | 14 44 | 15 9 | 10 40 | 3 20 | 3 46 |
| T 14 | 8 14 | 18 4 | 1 34 | 19 32 | 3 24 | 25 56 | 5 6 | 10 58 | 1 22 | 8 34 | 1 4 | 0 54 | 2 33 | 23 36 | 0 16 | 18 18 | 0 21 | 17 7 | 6 5 | 14 44 | 15 10 | 10 38 | 3 18 | 3 45 |
| W15 | 8 36 | 15 32 | 0 19 | 19 40 | 3 25 | 26 8 | 5 10 | 10 45 | 1 22 | 8 39 | 1 4 | 0 55 | 2 33 | 23 36 | 0 16 | 18 18 | 0 21 | 17 7 | 6 5 | 14 43 | 15 11 | 10 36 | 3 17 | 3 45 |
| T 16 | 8 58 | 12 0 | 0n57 | 19 46 | 3 25 | 26 19 | 5 13 | 10 32 | 1 22 | 8 44 | 1 4 | 0 57 | 2 33 | 23 36 | 0 16 | 18 18 | 0 21 | 17 7 | 6 6 | 14 44 | 15 12 | 10 35 | 3 16 | 3 45 |
| F 17 | 9 20 | 7 41 | 2 11 | 19 48 | 3 24 | 26 30 | 5 17 | 10 19 | 1 23 | 8 48 | 1 4 | 0 58 | 2 33 | 23 36 | 0 16 | 18 18 | 0 21 | 17 7 | 6 6 | 14 44 | 15 12 | 10 33 | 3 15 | 3 45 |
| S 18 | 9 42 | 2 51 | 3 17 | 19 48 | 3 22 | 26 40 | 5 20 | 10 6 | 1 23 | 8 53 | 1 4 | 1 0 | 2 33 | 23 36 | 0 16 | 18 18 | 0 21 | 17 7 | 6 6 | 14 46 | 15 13 | 10 31 | 3 14 | 3 45 |
| S 19 | 10 3 | 2s 8 | 4 10 | 19 44 | 3 19 | 26 49 | 5 24 | 9 53 | 1 24 | 8 58 | 1 4 | 1 2 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 14 48 | 15 14 | 10 29 | 3 13 | 3 45 |
| M20 | 10 25 | 6 58 | 4 45 | 19 37 | 3 14 | 26 58 | 5 27 | 9 40 | 1 24 | 9 3 | 1 4 | 1 3 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 14 51 | 15 15 | 10 28 | 3 11 | 3 44 |
| T 21 | 10 46 | 11 18 | 5 1 | 19 26 | 3 8 | 27 7 | 5 30 | 9 26 | 1 25 | 9 7 | 1 4 | 1 5 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 14 55 | 15 16 | 10 26 | 3 10 | 3 44 |
| W22 | 11 7 | 14 54 | 4 59 | 19 11 | 3 0 | 27 15 | 5 32 | 9 13 | 1 25 | 9 12 | 1 4 | 1 6 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 14 58 | 15 17 | 10 24 | 3 9 | 3 44 |
| T 23 | 11 28 | 17 35 | 4 39 | 18 52 | 2 51 | 27 22 | 5 35 | 9 0 | 1 25 | 9 17 | 1 4 | 1 7 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 15 1 | 15 18 | 10 23 | 3 8 | 3 44 |
| F 24 | 11 49 | 19 13 | 4 5 | 18 28 | 2 40 | 27 29 | 5 37 | 8 47 | 1 26 | 9 21 | 1 4 | 1 9 | 2 33 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 15 3 | 15 19 | 10 21 | 3 7 | 3 44 |
| S 25 | 12 9 | 19 49 | 3 19 | 18 0 | 2 27 | 27 35 | 5 39 | 8 33 | 1 26 | 9 26 | 1 4 | 1 10 | 2 32 | 23 36 | 0 16 | 18 17 | 0 21 | 17 7 | 6 6 | 15 5 | 15 20 | 10 19 | 3 6 | 3 43 |
| S 26 | 12 30 | 19 25 | 2 25 | 17 28 | 2 12 | 27 41 | 5 41 | 8 20 | 1 27 | 9 31 | 1 4 | 1 12 | 2 32 | 23 35 | 0 16 | 18 16 | 0 21 | 17 7 | 6 6 | 15 6 | 15 21 | 10 18 | 3 5 | 3 43 |
| M27 | 12 50 | 18 7 | 1 25 | 16 52 | 1 55 | 27 46 | 5 42 | 8 7 | 1 27 | 9 35 | 1 4 | 1 13 | 2 32 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 6 | 15 6 | 15 22 | 10 16 | 3 4 | 3 43 |
| T 28 | 13 10 | 16 2 | 0 23 | 16 13 | 1 38 | 27 50 | 5 44 | 7 54 | 1 28 | 9 40 | 1 4 | 1 14 | 2 32 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 6 | 15 23 | 10 14 | 3 3 | 3 43 |
| W29 | 13 30 | 13 17 | 0s40 | 15 31 | 1 18 | 27 54 | 5 44 | 7 40 | 1 28 | 9 45 | 1 4 | 1 16 | 2 32 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 6 | 15 24 | 10 12 | 3 2 | 3 43 |
| T 30 | 13 49 | 10 0 | 1 40 | 14 48 | 0 58 | 27 57 | 5 45 | 7 27 | 1 28 | 9 49 | 1 4 | 1 17 | 2 32 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 6 | 15 25 | 10 11 | 3 1 | 3 42 |
| F 31 | 14s 9 | 6s19 | 2s37 | 14s 4 | 0s38 | 27s59 | 5s45 | 7n13 | 1n29 | 9s54 | 1n 4 | 1s18 | 2s32 | 23s35 | 0s16 | 18n16 | 0s21 | 17n 6 | 6s 7 | 15n 7 | 15n26 | 10s 9 | 3n 0 | 3n42 |

Julian Day Number = 2600837.5, Delta T = 09m04s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'17, Lahiri = 29°34'19


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## NOVEMBER 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 43 7 | 9♏ 0'01 | 2♈ 5 | 4°R44 | 13♐ 6 | 15♍41 | 28♎38 | 2°R31 | 4♑ 8 | 6♌30 | 6°R49 | 18°R48 | 17♌50 | 8♓16 | 28°R57 | S 1 |
| S 2 | 2 47 4 | 9°59'49 | 14°15 | 3♏37 | 13°20 | 16°17 | 28°51 | 2♈28 | 4°10 | 6°30 | 6♋48 | 18♌38 | 17°47 | 8°23 | 28♓55 | S 2 |
| M 3 | 2 51 0 | 10°59'39 | 26°37 | 2°38 | 13°31 | 16°52 | 29° 4 | 2°25 | 4°13 | 6°30 | 6°48 | 18°27 | 17°44 | 8°29 | 28°53 | M 3 |
| T 4 | 2 54 57 | 11°59'31 | 9♉14 | 1°47 | 13°40 | 17°28 | 29°17 | 2°22 | 4°15 | 6°30 | 6°47 | 18°13 | 17°40 | 8°36 | 28°51 | T 4 |
| W 5 | 2 58 54 | 12°59'24 | 22° 4 | 1° 7 | 13°48 | 18° 3 | 29°30 | 2°19 | 4°18 | 6°31 | 6°46 | 18° 0 | 17°37 | 8°43 | 28°49 | W 5 |
| T 6 | 3 2 50 | 13°59'20 | 5♊ 8 | 0°38 | 13°52 | 18°38 | 29°42 | 2°16 | 4°20 | 6°31 | 6°46 | 17°47 | 17°34 | 8°49 | 28°47 | T 6 |
| F 7 | 3 6 47 | 14°59'18 | 18°24 | 0°20 | 13°55 | 19°14 | 29°55 | 2°13 | 4°23 | 6°31 | 6°45 | 17°36 | 17°31 | 8°56 | 28°46 | F 7 |
| S 8 | 3 10 43 | 15°59'17 | 1♋50 | 0°D14 | 13°R55 | 19°49 | 0♏ 8 | 2°10 | 4°26 | 6°R31 | 6°44 | 17°28 | 17°28 | 9° 2 | 28°44 | S 8 |
| S 9 | 3 14 40 | 16°59'19 | 15°25 | 0°19 | 13°52 | 20°24 | 0°21 | 2° 8 | 4°28 | 6°31 | 6°44 | 17°23 | 17°25 | 9° 9 | 28°42 | S 9 |
| M10 | 3 18 36 | 17°59'23 | 29° 9 | 0°35 | 13°48 | 20°59 | 0°33 | 2° 5 | 4°31 | 6°31 | 6°43 | 17°20 | 17°21 | 9°16 | 28°41 | M10 |
| T 11 | 3 22 33 | 18°59'29 | 13♌ 2 | 1° 1 | 13°41 | 21°34 | 0°46 | 2° 3 | 4°34 | 6°31 | 6°42 | 17°20 | 17°18 | 9°22 | 28°39 | T 11 |
| W12 | 3 26 29 | 19°59'37 | 27° 4 | 1°36 | 13°31 | 22° 9 | 0°59 | 2° 0 | 4°37 | 6°30 | 6°42 | 17°20 | 17°15 | 9°29 | 28°38 | W12 |
| T 13 | 3 30 26 | 20°59'47 | 11♍14 | 2°20 | 13°19 | 22°44 | 1°12 | 1°58 | 4°40 | 6°30 | 6°41 | 17°19 | 17°12 | 9°36 | 28°36 | T 13 |
| F 14 | 3 34 23 | 21°59'59 | 25°31 | 3°10 | 13° 5 | 23°18 | 1°24 | 1°56 | 4°42 | 6°30 | 6°40 | 17°16 | 17° 9 | 9°42 | 28°35 | F 14 |
| S 15 | 3 38 19 | 23° 0'13 | 9♎53 | 4° 8 | 12°48 | 23°53 | 1°37 | 1°54 | 4°45 | 6°30 | 6°39 | 17°10 | 17° 6 | 9°49 | 28°33 | S 15 |
| S 16 | 3 42 16 | 24° 0'29 | 24°16 | 5°11 | 12°29 | 24°28 | 1°49 | 1°52 | 4°48 | 6°30 | 6°38 | 17° 1 | 17° 2 | 9°56 | 28°32 | S 16 |
| M17 | 3 46 12 | 25° 0'47 | 8♏34 | 6°20 | 12° 8 | 25° 2 | 2° 2 | 1°50 | 4°51 | 6°29 | 6°38 | 16°50 | 16°59 | 10° 2 | 28°31 | M17 |
| T 18 | 3 50 9 | 26° 1'07 | 22°41 | 7°33 | 11°44 | 25°37 | 2°14 | 1°48 | 4°54 | 6°29 | 6°37 | 16°38 | 16°56 | 10° 9 | 28°30 | T 18 |
| W19 | 3 54 5 | 27° 1'29 | 6♐33 | 8°49 | 11°19 | 26°11 | 2°27 | 1°47 | 4°57 | 6°29 | 6°36 | 16°26 | 16°53 | 10°16 | 28°28 | W19 |
| T 20 | 3 58 2 | 28° 1'52 | 20° 4 | 10° 9 | 10°51 | 26°45 | 2°39 | 1°45 | 5° 0 | 6°28 | 6°35 | 16°14 | 16°50 | 10°22 | 28°27 | T 20 |
| F 21 | 4 1 58 | 29° 2'17 | 3♑13 | 11°31 | 10°22 | 27°20 | 2°52 | 1°44 | 5° 3 | 6°28 | 6°34 | 16° 5 | 16°46 | 10°29 | 28°26 | F 21 |
| S 22 | 4 5 55 | 0♐ 2'43 | 15°59 | 12°55 | 9°51 | 27°54 | 3° 4 | 1°42 | 5° 7 | 6°28 | 6°33 | 15°59 | 16°43 | 10°36 | 28°25 | S 22 |
| S 23 | 4 9 52 | 1° 3'11 | 28°25 | 14°22 | 9°19 | 28°28 | 3°16 | 1°41 | 5°10 | 6°27 | 6°32 | 15°56 | 16°40 | 10°42 | 28°24 | S 23 |
| M24 | 4 13 48 | 2° 3'39 | 10♒34 | 15°49 | 8°45 | 29° 2 | 3°28 | 1°40 | 5°13 | 6°27 | 6°31 | 15°D54 | 16°37 | 10°49 | 28°23 | M24 |
| T 25 | 4 17 45 | 3° 4'10 | 22°31 | 17°19 | 8°10 | 29°36 | 3°40 | 1°39 | 5°16 | 6°26 | 6°30 | 15°54 | 16°34 | 10°56 | 28°23 | T 25 |
| W26 | 4 21 41 | 4° 4'41 | 4♓21 | 18°49 | 7°35 | 0♎ 9 | 3°53 | 1°38 | 5°19 | 6°25 | 6°29 | 15°R54 | 16°31 | 11° 2 | 28°22 | W26 |
| T 27 | 4 25 38 | 5° 5'13 | 16° 9 | 20°20 | 6°59 | 0°43 | 4° 5 | 1°37 | 5°23 | 6°25 | 6°28 | 15°54 | 16°27 | 11° 9 | 28°21 | T 27 |
| F 28 | 4 29 34 | 6° 5'47 | 28° 2 | 21°52 | 6°22 | 1°17 | 4°17 | 1°36 | 5°26 | 6°24 | 6°27 | 15°51 | 16°24 | 11°16 | 28°20 | F 28 |
| S 29 | 4 33 31 | 7° 6'22 | 10♈ 3 | 23°24 | 5°46 | 1°50 | 4°29 | 1°36 | 5°29 | 6°24 | 6°26 | 15°47 | 16°21 | 11°22 | 28°20 | S 29 |
| S 30 | 4 37 27 | 8♐ 6'58 | 22♈18 | 24♏57 | 5♐ 9 | 2♎24 | 4♏41 | 1♈35 | 5♑32 | 6♌23 | 6♋25 | 15♌39 | 16♌18 | 11♓29 | 28♓19 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s28 | 2s21 | 3s27 | 13s20 | 0s17 | 28s 1 | 5s45 | 7n 0 | 1n29 | 9s58 | 1n 4 | 1s19 | 2s32 | 23s35 | 0s16 | 18n16 | 0s21 | 17n 6 | 6s 7 | 15n 9 | 15n27 | 10s 7 | 2n59 | 3n42 |
| S 2 | 14 47 | 1n47 | 4 9 | 12 39 | 0n 3 | 28 2 | 5 44 | 6 47 | 1 30 | 10 3 | 1 4 | 1 20 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 12 | 15 28 | 10 6 | 2 58 | 3 42 |
| M 3 | 15 5 | 5 54 | 4 39 | 12 0 | 0 23 | 28 3 | 5 43 | 6 33 | 1 30 | 10 7 | 1 4 | 1 21 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 16 | 15 29 | 10 4 | 2 57 | 3 41 |
| T 4 | 15 24 | 9 51 | 4 57 | 11 25 | 0 41 | 28 3 | 5 42 | 6 20 | 1 30 | 10 12 | 1 4 | 1 23 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 20 | 15 30 | 10 2 | 2 56 | 3 41 |
| W 5 | 15 42 | 13 25 | 4 59 | 10 55 | 0 59 | 28 1 | 5 40 | 6 6 | 1 31 | 10 16 | 1 4 | 1 24 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 24 | 15 31 | 10 0 | 2 55 | 3 41 |
| T 6 | 16 0 | 16 24 | 4 47 | 10 31 | 1 14 | 28 0 | 5 37 | 5 53 | 1 31 | 10 21 | 1 4 | 1 25 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 28 | 15 32 | 9 59 | 2 54 | 3 41 |
| F 7 | 16 18 | 18 35 | 4 19 | 10 11 | 1 28 | 27 57 | 5 35 | 5 40 | 1 32 | 10 25 | 1 4 | 1 25 | 2 31 | 23 35 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 31 | 15 33 | 9 57 | 2 53 | 3 41 |
| S 8 | 16 35 | 19 47 | 3 36 | 9 58 | 1 40 | 27 54 | 5 31 | 5 26 | 1 32 | 10 30 | 1 4 | 1 26 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 34 | 15 34 | 9 55 | 2 52 | 3 40 |
| S 9 | 16 52 | 19 51 | 2 40 | 9 50 | 1 50 | 27 50 | 5 27 | 5 13 | 1 33 | 10 34 | 1 4 | 1 27 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 35 | 15 35 | 9 53 | 2 51 | 3 40 |
| M10 | 17 9 | 18 44 | 1 35 | 9 48 | 1 58 | 27 44 | 5 23 | 5 0 | 1 33 | 10 39 | 1 4 | 1 28 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 36 | 15 36 | 9 52 | 2 50 | 3 40 |
| T 11 | 17 26 | 16 30 | 0 23 | 9 51 | 2 5 | 27 39 | 5 18 | 4 46 | 1 33 | 10 43 | 1 4 | 1 29 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 36 | 15 37 | 9 50 | 2 49 | 3 40 |
| W12 | 17 42 | 13 16 | 0n51 | 9 58 | 2 10 | 27 32 | 5 12 | 4 33 | 1 34 | 10 47 | 1 4 | 1 30 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 7 | 15 36 | 15 38 | 9 48 | 2 49 | 3 39 |
| T 13 | 17 58 | 9 14 | 2 3 | 10 10 | 2 13 | 27 24 | 5 6 | 4 19 | 1 34 | 10 52 | 1 4 | 1 30 | 2 30 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 37 | 15 39 | 9 46 | 2 48 | 3 39 |
| F 14 | 18 14 | 4 38 | 3 7 | 10 25 | 2 16 | 27 15 | 4 59 | 4 6 | 1 35 | 10 56 | 1 4 | 1 31 | 2 29 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 37 | 15 40 | 9 45 | 2 47 | 3 39 |
| S 15 | 18 29 | 0s14 | 4 0 | 10 43 | 2 17 | 27 5 | 4 51 | 3 53 | 1 35 | 11 0 | 1 4 | 1 32 | 2 29 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 39 | 15 41 | 9 43 | 2 46 | 3 39 |
| S 16 | 18 44 | 5 5 | 4 38 | 11 5 | 2 16 | 26 55 | 4 43 | 3 40 | 1 36 | 11 5 | 1 4 | 1 32 | 2 29 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 42 | 15 42 | 9 41 | 2 45 | 3 38 |
| M17 | 18 59 | 9 37 | 4 58 | 11 28 | 2 15 | 26 43 | 4 34 | 3 26 | 1 36 | 11 9 | 1 4 | 1 33 | 2 29 | 23 34 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 45 | 15 43 | 9 39 | 2 45 | 3 38 |
| T 18 | 19 13 | 13 35 | 4 59 | 11 54 | 2 13 | 26 30 | 4 24 | 3 13 | 1 36 | 11 13 | 1 4 | 1 33 | 2 29 | 23 33 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 49 | 15 43 | 9 38 | 2 44 | 3 38 |
| W19 | 19 27 | 16 42 | 4 43 | 12 21 | 2 11 | 26 17 | 4 14 | 3 0 | 1 37 | 11 17 | 1 4 | 1 34 | 2 28 | 23 33 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 53 | 15 44 | 9 36 | 2 43 | 3 38 |
| T 20 | 19 41 | 18 51 | 4 11 | 12 49 | 2 7 | 26 2 | 4 3 | 2 47 | 1 37 | 11 21 | 1 4 | 1 34 | 2 28 | 23 33 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 56 | 15 45 | 9 34 | 2 43 | 3 37 |
| F 21 | 19 54 | 19 55 | 3 26 | 13 18 | 2 3 | 25 47 | 3 52 | 2 33 | 1 38 | 11 26 | 1 4 | 1 35 | 2 28 | 23 33 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 15 59 | 15 46 | 9 32 | 2 42 | 3 37 |
| S 22 | 20 7 | 19 55 | 2 32 | 13 48 | 1 58 | 25 30 | 3 40 | 2 20 | 1 38 | 11 30 | 1 4 | 1 35 | 2 28 | 23 33 | 0 16 | 18 16 | 0 21 | 17 6 | 6 8 | 16 1 | 15 47 | 9 31 | 2 41 | 3 37 |
| S 23 | 20 19 | 18 56 | 1 32 | 14 18 | 1 53 | 25 13 | 3 27 | 2 7 | 1 39 | 11 34 | 1 4 | 1 35 | 2 28 | 23 33 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 2 | 15 48 | 9 29 | 2 41 | 3 37 |
| M24 | 20 32 | 17 6 | 0 28 | 14 49 | 1 48 | 24 54 | 3 14 | 1 54 | 1 39 | 11 38 | 1 5 | 1 36 | 2 27 | 23 33 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 2 | 15 49 | 9 27 | 2 40 | 3 36 |
| T 25 | 20 43 | 14 32 | 0s35 | 15 20 | 1 42 | 24 35 | 3 1 | 1 41 | 1 39 | 11 42 | 1 5 | 1 36 | 2 27 | 23 33 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 2 | 15 50 | 9 25 | 2 40 | 3 36 |
| W26 | 20 55 | 11 24 | 1 37 | 15 50 | 1 36 | 24 16 | 2 47 | 1 28 | 1 40 | 11 46 | 1 5 | 1 36 | 2 27 | 23 32 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 2 | 15 51 | 9 23 | 2 39 | 3 36 |
| T 27 | 21 6 | 7 49 | 2 34 | 16 21 | 1 30 | 23 55 | 2 32 | 1 15 | 1 40 | 11 50 | 1 5 | 1 36 | 2 27 | 23 32 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 2 | 15 52 | 9 22 | 2 39 | 3 35 |
| F 28 | 21 17 | 3 55 | 3 24 | 16 51 | 1 23 | 23 35 | 2 17 | 1 2 | 1 41 | 11 54 | 1 5 | 1 36 | 2 27 | 23 32 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 3 | 15 53 | 9 20 | 2 38 | 3 35 |
| S 29 | 21 27 | 0n11 | 4 7 | 17 21 | 1 16 | 23 13 | 2 2 | 0 49 | 1 41 | 11 58 | 1 5 | 1 36 | 2 26 | 23 32 | 0 16 | 18 17 | 0 21 | 17 6 | 6 8 | 16 4 | 15 54 | 9 18 | 2 38 | 3 35 |
| S 30 | 21s37 | 4n21 | 4s39 | 17s50 | 1n10 | 22s52 | 1s47 | 0n36 | 1n41 | 12s 2 | 1n 5 | 1s36 | 2s26 | 23s32 | 0s16 | 18n18 | 0s21 | 17n 6 | 6s 8 | 16n 6 | 15n55 | 9s16 | 2n37 | 3n35 |

Julian Day Number = 2600868.5, Delta T = 09m04s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'22, Lahiri = 29°34'23


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# ASTRODIENST EPHEMERIS for the year 2408
# geocentric

## DECEMBER 2408 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 41 24 | 9♐ 7'36 | 4♉49 | 26♏30 | 4°R33 | 2♎57 | 4♏52 | 1°R35 | 5♑36 | 6°R22 | 6°R24 | 15°R29 | 16♌15 | 11♓36 | 28°R19 | M 1 |
| T 2 | 4 45 21 | 10° 8'14 | 17°38 | 28° 3 | 3♐58 | 3°30 | 5° 4 | 1♈34 | 5°39 | 6♌21 | 6♋23 | 15♌18 | 16°12 | 11°42 | 28♓18 | T 2 |
| W 3 | 4 49 17 | 11° 8'54 | 0♊47 | 29°36 | 3°24 | 4° 3 | 5°16 | 1°34 | 5°42 | 6°21 | 6°22 | 15° 6 | 16° 8 | 11°49 | 28°18 | W 3 |
| T 4 | 4 53 14 | 12° 9'35 | 14°12 | 1♐10 | 2°51 | 4°37 | 5°28 | 1°D34 | 5°46 | 6°20 | 6°21 | 14°55 | 16° 5 | 11°56 | 28°18 | T 4 |
| F 5 | 4 57 10 | 13°10'18 | 27°52 | 2°44 | 2°19 | 5°10 | 5°39 | 1°34 | 5°49 | 6°19 | 6°20 | 14°46 | 16° 2 | 12° 2 | 28°18 | F 5 |
| S 6 | 5 1 7 | 14°11'02 | 11♋44 | 4°18 | 1°49 | 5°42 | 5°51 | 1°34 | 5°53 | 6°18 | 6°19 | 14°39 | 15°59 | 12° 9 | 28°17 | S 6 |
| S 7 | 5 5 3 | 15°11'47 | 25°44 | 5°52 | 1°20 | 6°15 | 6° 2 | 1°34 | 5°56 | 6°17 | 6°18 | 14°35 | 15°56 | 12°16 | 28°17 | S 7 |
| M 8 | 5 9 0 | 16°12'33 | 9♌49 | 7°25 | 0°53 | 6°48 | 6°14 | 1°35 | 6° 0 | 6°16 | 6°17 | 14°D34 | 15°52 | 12°22 | 28°17 | M 8 |
| T 9 | 5 12 56 | 17°13'21 | 23°55 | 8°59 | 0°29 | 7°21 | 6°25 | 1°35 | 6° 3 | 6°15 | 6°16 | 14°34 | 15°49 | 12°29 | 28°D17 | T 9 |
| W10 | 5 16 53 | 18°14'11 | 8♍ 3 | 10°33 | 0° 7 | 7°53 | 6°36 | 1°36 | 6° 6 | 6°14 | 6°14 | 14°35 | 15°46 | 12°36 | 28°17 | W10 |
| T 11 | 5 20 50 | 19°15'01 | 22° 9 | 12° 7 | 29♏47 | 8°25 | 6°48 | 1°36 | 6°10 | 6°13 | 6°13 | 14°R35 | 15°43 | 12°42 | 28°17 | T 11 |
| F 12 | 5 24 46 | 20°15'54 | 6♎14 | 13°41 | 29°29 | 8°58 | 6°59 | 1°37 | 6°13 | 6°12 | 6°12 | 14°34 | 15°40 | 12°49 | 28°17 | F 12 |
| S 13 | 5 28 43 | 21°16'47 | 20°16 | 15°15 | 29°13 | 9°30 | 7°10 | 1°38 | 6°17 | 6°11 | 6°11 | 14°30 | 15°37 | 12°56 | 28°18 | S 13 |
| S 14 | 5 32 39 | 22°17'42 | 4♏13 | 16°49 | 29° 1 | 10° 2 | 7°21 | 1°39 | 6°21 | 6°10 | 6°10 | 14°25 | 15°33 | 13° 2 | 28°18 | S 14 |
| M15 | 5 36 36 | 23°18'38 | 18° 3 | 18°23 | 28°50 | 10°34 | 7°32 | 1°40 | 6°24 | 6° 9 | 6° 9 | 14°17 | 15°30 | 13° 9 | 28°18 | M15 |
| T 16 | 5 40 32 | 24°19'35 | 1♐43 | 19°57 | 28°42 | 11° 6 | 7°42 | 1°41 | 6°28 | 6° 8 | 6° 8 | 14° 8 | 15°27 | 13°15 | 28°19 | T 16 |
| W17 | 5 44 29 | 25°20'33 | 15°10 | 21°31 | 28°37 | 11°37 | 7°53 | 1°42 | 6°31 | 6° 7 | 6° 6 | 13°59 | 15°24 | 13°22 | 28°19 | W17 |
| T 18 | 5 48 25 | 26°21'32 | 28°21 | 23° 5 | 28°34 | 12° 9 | 8° 4 | 1°44 | 6°35 | 6° 5 | 6° 5 | 13°51 | 15°21 | 13°29 | 28°20 | T 18 |
| F 19 | 5 52 22 | 27°22'32 | 11♑16 | 24°39 | 28°D34 | 12°40 | 8°14 | 1°45 | 6°38 | 6° 4 | 6° 4 | 13°44 | 15°18 | 13°35 | 28°20 | F 19 |
| S 20 | 5 56 19 | 28°23'33 | 23°53 | 26°13 | 28°36 | 13°12 | 8°25 | 1°47 | 6°42 | 6° 3 | 6° 3 | 13°40 | 15°14 | 13°42 | 28°21 | S 20 |
| S 21 | 6 0 15 | 29°24'35 | 6♒14 | 27°47 | 28°40 | 13°43 | 8°35 | 1°49 | 6°46 | 6° 2 | 6° 2 | 13°38 | 15°11 | 13°49 | 28°22 | S 21 |
| M22 | 6 4 12 | 0♑25'37 | 18°21 | 29°22 | 28°47 | 14°14 | 8°46 | 1°51 | 6°49 | 6° 0 | 6° 1 | 13°D38 | 15° 8 | 13°55 | 28°22 | M22 |
| T 23 | 6 8 8 | 1°26'39 | 0♓18 | 0♑56 | 28°56 | 14°45 | 8°56 | 1°52 | 6°53 | 5°59 | 5°59 | 13°39 | 15° 5 | 14° 2 | 28°23 | T 23 |
| W24 | 6 12 5 | 2°27'42 | 12° 8 | 2°31 | 29° 7 | 15°16 | 9° 6 | 1°54 | 6°56 | 5°58 | 5°58 | 13°41 | 15° 2 | 14° 9 | 28°24 | W24 |
| T 25 | 6 16 1 | 3°28'45 | 23°56 | 4° 6 | 29°20 | 15°46 | 9°16 | 1°57 | 7° 0 | 5°56 | 5°57 | 13°42 | 14°58 | 14°15 | 28°25 | T 25 |
| F 26 | 6 19 58 | 4°29'48 | 5♈48 | 5°41 | 29°36 | 16°17 | 9°26 | 1°59 | 7° 4 | 5°55 | 5°56 | 13°R42 | 14°55 | 14°22 | 28°26 | F 26 |
| S 27 | 6 23 54 | 5°30'52 | 17°49 | 7°16 | 29°53 | 16°47 | 9°36 | 2° 1 | 7° 7 | 5°54 | 5°55 | 13°41 | 14°52 | 14°29 | 28°27 | S 27 |
| S 28 | 6 27 51 | 6°31'56 | 0♉ 3 | 8°51 | 0♐13 | 17°17 | 9°45 | 2° 4 | 7°11 | 5°52 | 5°53 | 13°39 | 14°49 | 14°35 | 28°28 | S 28 |
| M29 | 6 31 48 | 7°33'01 | 12°36 | 10°27 | 0°34 | 17°47 | 9°55 | 2° 6 | 7°15 | 5°51 | 5°52 | 13°35 | 14°46 | 14°42 | 28°29 | M29 |
| T 30 | 6 35 44 | 8°34'05 | 25°30 | 12° 2 | 0°57 | 18°17 | 10° 4 | 2° 9 | 7°18 | 5°49 | 5°51 | 13°29 | 14°43 | 14°49 | 28°30 | T 30 |
| W31 | 6 39 41 | 9♑35'10 | 8♊47 | 13♑38 | 1♐22 | 18♎47 | 10♏14 | 2♈12 | 7♑22 | 5♌48 | 5♋50 | 13♌23 | 14♌39 | 14♓55 | 28♓32 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s46 | 8n25 | 4s58 | 18s19 | 1n 3 | 22s30 | 1s31 | 0n23 | 1n42 | 12s 6 | 1n 5 | 1s36 | 2s26 | 23s32 | 0s16 | 18n18 | 0s21 | 17n 6 | 6s 8 | 16n 9 | 15n56 | 9s14 | 2n37 | 3n34 |
| T 2 | 21 55 | 12 12 | 5 3 | 18 47 | 0 56 | 22 8 | 1 16 | 0 10 | 1 42 | 12 10 | 1 5 | 1 36 | 2 26 | 23 32 | 0 16 | 18 18 | 0 21 | 17 6 | 6 8 | 16 13 | 15 57 | 9 13 | 2 36 | 3 34 |
| W 3 | 22 4 | 15 30 | 4 52 | 19 14 | 0 49 | 21 46 | 1 0 | 0s 2 | 1 43 | 12 13 | 1 5 | 1 36 | 2 26 | 23 31 | 0 16 | 18 18 | 0 21 | 17 6 | 6 8 | 16 16 | 15 58 | 9 11 | 2 36 | 3 34 |
| T 4 | 22 12 | 18 4 | 4 25 | 19 40 | 0 41 | 21 25 | 0 45 | 0 15 | 1 43 | 12 17 | 1 5 | 1 36 | 2 25 | 23 31 | 0 16 | 18 18 | 0 21 | 17 6 | 6 8 | 16 19 | 15 59 | 9 9 | 2 35 | 3 34 |
| F 5 | 22 20 | 19 40 | 3 42 | 20 6 | 0 34 | 21 3 | 0 29 | 0 28 | 1 44 | 12 21 | 1 5 | 1 36 | 2 25 | 23 31 | 0 16 | 18 19 | 0 21 | 17 6 | 6 8 | 16 22 | 16 0 | 9 7 | 2 35 | 3 33 |
| S 6 | 22 27 | 20 7 | 2 46 | 20 30 | 0 27 | 20 42 | 0 14 | 0 40 | 1 44 | 12 25 | 1 5 | 1 36 | 2 25 | 23 31 | 0 16 | 18 19 | 0 21 | 17 6 | 6 8 | 16 24 | 16 1 | 9 5 | 2 35 | 3 33 |
| S 7 | 22 34 | 19 20 | 1 39 | 20 54 | 0 20 | 20 22 | 0n 1 | 0 53 | 1 44 | 12 28 | 1 5 | 1 35 | 2 25 | 23 31 | 0 16 | 18 19 | 0 21 | 17 6 | 6 8 | 16 25 | 16 2 | 9 4 | 2 34 | 3 33 |
| M 8 | 22 40 | 17 21 | 0 25 | 21 17 | 0 13 | 20 2 | 0 16 | 1 5 | 1 45 | 12 32 | 1 6 | 1 35 | 2 24 | 23 31 | 0 16 | 18 19 | 0 21 | 17 6 | 6 8 | 16 26 | 16 2 | 9 2 | 2 34 | 3 32 |
| T 9 | 22 46 | 14 18 | 0n50 | 21 39 | 0 6 | 19 43 | 0 30 | 1 18 | 1 45 | 12 36 | 1 6 | 1 35 | 2 24 | 23 31 | 0 16 | 18 19 | 0 21 | 17 6 | 6 8 | 16 26 | 16 3 | 9 0 | 2 34 | 3 32 |
| W10 | 22 52 | 10 26 | 2 3 | 22 0 | 0s 1 | 19 24 | 0 45 | 1 30 | 1 46 | 12 39 | 1 6 | 1 34 | 2 24 | 23 30 | 0 16 | 18 20 | 0 21 | 17 6 | 6 8 | 16 25 | 16 4 | 8 58 | 2 34 | 3 32 |
| T 11 | 22 57 | 5 59 | 3 8 | 22 19 | 0 8 | 19 6 | 0 58 | 1 42 | 1 46 | 12 43 | 1 6 | 1 34 | 2 24 | 23 30 | 0 16 | 18 20 | 0 21 | 17 7 | 6 8 | 16 25 | 16 5 | 8 56 | 2 33 | 3 32 |
| F 12 | 23 2 | 1 13 | 4 1 | 22 38 | 0 15 | 18 50 | 1 12 | 1 55 | 1 47 | 12 46 | 1 6 | 1 33 | 2 23 | 23 30 | 0 16 | 18 20 | 0 21 | 17 7 | 6 8 | 16 26 | 16 6 | 8 55 | 2 33 | 3 31 |
| S 13 | 23 6 | 3s35 | 4 40 | 22 55 | 0 21 | 18 34 | 1 25 | 2 7 | 1 47 | 12 50 | 1 6 | 1 33 | 2 23 | 23 30 | 0 16 | 18 21 | 0 21 | 17 7 | 6 8 | 16 27 | 16 7 | 8 53 | 2 33 | 3 31 |
| S 14 | 23 10 | 8 9 | 5 2 | 23 12 | 0 28 | 18 19 | 1 37 | 2 19 | 1 47 | 12 53 | 1 6 | 1 32 | 2 23 | 23 30 | 0 16 | 18 21 | 0 21 | 17 7 | 6 8 | 16 28 | 16 8 | 8 51 | 2 33 | 3 31 |
| M15 | 23 13 | 12 16 | 5 6 | 23 27 | 0 34 | 18 5 | 1 49 | 2 31 | 1 48 | 12 57 | 1 6 | 1 31 | 2 23 | 23 30 | 0 16 | 18 21 | 0 21 | 17 7 | 6 8 | 16 30 | 16 9 | 8 49 | 2 33 | 3 30 |
| T 16 | 23 16 | 15 41 | 4 53 | 23 41 | 0 41 | 17 52 | 2 0 | 2 43 | 1 48 | 13 0 | 1 6 | 1 31 | 2 23 | 23 29 | 0 16 | 18 21 | 0 21 | 17 7 | 6 8 | 16 33 | 16 10 | 8 47 | 2 33 | 3 30 |
| W17 | 23 18 | 18 12 | 4 23 | 23 54 | 0 47 | 17 40 | 2 11 | 2 55 | 1 49 | 13 4 | 1 6 | 1 30 | 2 22 | 23 29 | 0 16 | 18 22 | 0 21 | 17 7 | 6 8 | 16 36 | 16 11 | 8 45 | 2 33 | 3 30 |
| T 18 | 23 20 | 19 43 | 3 40 | 24 5 | 0 53 | 17 29 | 2 22 | 3 7 | 1 49 | 13 7 | 1 7 | 1 29 | 2 22 | 23 29 | 0 16 | 18 22 | 0 21 | 17 7 | 6 8 | 16 38 | 16 12 | 8 43 | 2 33 | 3 30 |
| F 19 | 23 21 | 20 9 | 2 46 | 24 16 | 0 59 | 17 19 | 2 32 | 3 19 | 1 49 | 13 10 | 1 7 | 1 28 | 2 22 | 23 29 | 0 16 | 18 22 | 0 21 | 17 7 | 6 8 | 16 40 | 16 13 | 8 42 | 2 33 | 3 29 |
| S 20 | 23 22 | 19 33 | 1 45 | 24 25 | 1 5 | 17 10 | 2 41 | 3 31 | 1 50 | 13 13 | 1 7 | 1 28 | 2 22 | 23 29 | 0 16 | 18 23 | 0 21 | 17 7 | 6 8 | 16 41 | 16 14 | 8 40 | 2 33 | 3 29 |
| S 21 | 23 23 | 18 1 | 0 40 | 24 32 | 1 10 | 17 3 | 2 50 | 3 42 | 1 50 | 13 17 | 1 7 | 1 27 | 2 21 | 23 29 | 0 16 | 18 23 | 0 21 | 17 7 | 6 8 | 16 42 | 16 15 | 8 38 | 2 33 | 3 29 |
| M22 | 23 23 | 15 42 | 0s26 | 24 39 | 1 16 | 16 56 | 2 59 | 3 54 | 1 51 | 13 20 | 1 7 | 1 26 | 2 21 | 23 28 | 0 16 | 18 23 | 0 21 | 17 7 | 6 8 | 16 42 | 16 16 | 8 36 | 2 33 | 3 29 |
| T 23 | 23 23 | 12 44 | 1 29 | 24 44 | 1 21 | 16 50 | 3 7 | 4 5 | 1 51 | 13 23 | 1 7 | 1 25 | 2 21 | 23 28 | 0 16 | 18 24 | 0 21 | 17 7 | 6 8 | 16 41 | 16 17 | 8 34 | 2 33 | 3 28 |
| W24 | 23 22 | 9 17 | 2 29 | 24 48 | 1 26 | 16 45 | 3 15 | 4 17 | 1 52 | 13 26 | 1 7 | 1 24 | 2 21 | 23 28 | 0 16 | 18 24 | 0 21 | 17 7 | 6 8 | 16 41 | 16 17 | 8 32 | 2 33 | 3 28 |
| T 25 | 23 20 | 5 30 | 3 22 | 24 50 | 1 31 | 16 41 | 3 22 | 4 28 | 1 52 | 13 29 | 1 7 | 1 23 | 2 21 | 23 28 | 0 16 | 18 24 | 0 21 | 17 8 | 6 8 | 16 41 | 16 18 | 8 31 | 2 33 | 3 28 |
| F 26 | 23 18 | 1 28 | 4 6 | 24 51 | 1 35 | 16 37 | 3 28 | 4 39 | 1 52 | 13 32 | 1 7 | 1 22 | 2 20 | 23 28 | 0 16 | 18 25 | 0 21 | 17 8 | 6 8 | 16 40 | 16 19 | 8 29 | 2 33 | 3 27 |
| S 27 | 23 16 | 2n39 | 4 41 | 24 51 | 1 40 | 16 35 | 3 34 | 4 51 | 1 53 | 13 35 | 1 8 | 1 21 | 2 20 | 23 28 | 0 16 | 18 25 | 0 21 | 17 8 | 6 8 | 16 41 | 16 20 | 8 27 | 2 33 | 3 27 |
| S 28 | 23 13 | 6 44 | 5 3 | 24 49 | 1 44 | 16 33 | 3 40 | 5 2 | 1 53 | 13 38 | 1 8 | 1 19 | 2 20 | 23 27 | 0 16 | 18 25 | 0 21 | 17 8 | 6 8 | 16 41 | 16 21 | 8 25 | 2 33 | 3 27 |
| M29 | 23 10 | 10 38 | 5 12 | 24 46 | 1 48 | 16 33 | 3 46 | 5 13 | 1 54 | 13 41 | 1 8 | 1 18 | 2 20 | 23 27 | 0 16 | 18 26 | 0 21 | 17 8 | 6 8 | 16 43 | 16 22 | 8 23 | 2 34 | 3 27 |
| T 30 | 23 6 | 14 9 | 5 5 | 24 41 | 1 51 | 16 32 | 3 51 | 5 24 | 1 54 | 13 44 | 1 8 | 1 17 | 2 19 | 23 27 | 0 16 | 18 26 | 0 21 | 17 8 | 6 8 | 16 44 | 16 23 | 8 21 | 2 34 | 3 26 |
| W31 | 23s 2 | 17n 4 | 4s42 | 24s35 | 1s55 | 16s33 | 3n55 | 5s34 | 1n55 | 13s46 | 1n 8 | 1s16 | 2s19 | 23s27 | 0s16 | 18n26 | 0s21 | 17n 8 | 6s 8 | 16n46 | 16n24 | 8s19 | 2n34 | 3n26 |

Julian Day Number = 2600898.5, Delta T = 09m04s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'26, Lahiri = 29°34'27


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## JANUARY 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 43 37 | 10♑36'15 | 22♊26 | 15♑14 | 1♐49 | 19♎17 | 10♏23 | 2♈14 | 7♑25 | 5°R46 | 5°R49 | 13°R18 | 14♌36 | 15♓ 2 | 28♓33 | T 1 |
| F 2 | 6 47 34 | 11°37'21 | 6♋26 | 16°51 | 2°18 | 19°46 | 10°32 | 2°17 | 7°29 | 5♌45 | 5♋47 | 13♌13 | 14°33 | 15° 9 | 28°34 | F 2 |
| S 3 | 6 51 30 | 12°38'26 | 20°43 | 18°27 | 2°48 | 20°15 | 10°41 | 2°20 | 7°33 | 5°43 | 5°46 | 13°10 | 14°30 | 15°15 | 28°36 | S 3 |
| S 4 | 6 55 27 | 13°39'32 | 5♌11 | 20° 4 | 3°20 | 20°44 | 10°50 | 2°24 | 7°36 | 5°42 | 5°45 | 13° 8 | 14°27 | 15°22 | 28°37 | S 4 |
| M 5 | 6 59 24 | 14°40'38 | 19°44 | 21°41 | 3°53 | 21°13 | 10°59 | 2°27 | 7°40 | 5°40 | 5°44 | 13°D 8 | 14°24 | 15°29 | 28°39 | M 5 |
| T 6 | 7 3 20 | 15°41'45 | 4♍16 | 23°19 | 4°28 | 21°42 | 11° 8 | 2°30 | 7°44 | 5°39 | 5°43 | 13° 9 | 14°20 | 15°35 | 28°40 | T 6 |
| W 7 | 7 7 17 | 16°42'52 | 18°44 | 24°56 | 5° 4 | 22°11 | 11°17 | 2°33 | 7°47 | 5°37 | 5°41 | 13°11 | 14°17 | 15°42 | 28°42 | W 7 |
| T 8 | 7 11 13 | 17°43'59 | 3♎ 2 | 26°34 | 5°42 | 22°39 | 11°25 | 2°37 | 7°51 | 5°35 | 5°40 | 13°12 | 14°14 | 15°49 | 28°44 | T 8 |
| F 9 | 7 15 10 | 18°45'07 | 17° 9 | 28°12 | 6°20 | 23° 7 | 11°33 | 2°41 | 7°54 | 5°34 | 5°39 | 13°R13 | 14°11 | 15°55 | 28°45 | F 9 |
| S 10 | 7 19 6 | 19°46'15 | 1♏ 4 | 29°50 | 7° 0 | 23°35 | 11°42 | 2°44 | 7°58 | 5°32 | 5°38 | 13°12 | 14° 8 | 16° 2 | 28°47 | S 10 |
| S 11 | 7 23 3 | 20°47'24 | 14°45 | 1♒28 | 7°42 | 24° 3 | 11°50 | 2°48 | 8° 1 | 5°31 | 5°37 | 13°11 | 14° 4 | 16° 9 | 28°49 | S 11 |
| M12 | 7 26 59 | 21°48'32 | 28°13 | 3° 6 | 8°24 | 24°31 | 11°58 | 2°52 | 8° 5 | 5°29 | 5°36 | 13° 8 | 14° 1 | 16°15 | 28°51 | M12 |
| T 13 | 7 30 56 | 22°49'41 | 11♐28 | 4°44 | 9° 7 | 24°58 | 12° 6 | 2°56 | 8° 9 | 5°27 | 5°35 | 13° 5 | 13°58 | 16°22 | 28°53 | T 13 |
| W14 | 7 34 53 | 23°50'50 | 24°29 | 6°21 | 9°52 | 25°26 | 12°13 | 3° 0 | 8°12 | 5°26 | 5°33 | 13° 2 | 13°55 | 16°29 | 28°55 | W14 |
| T 15 | 7 38 49 | 24°51'59 | 7♑16 | 7°59 | 10°37 | 25°53 | 12°21 | 3° 4 | 8°16 | 5°24 | 5°32 | 12°59 | 13°52 | 16°35 | 28°57 | T 15 |
| F 16 | 7 42 46 | 25°53'08 | 19°51 | 9°36 | 11°24 | 26°19 | 12°28 | 3° 8 | 8°19 | 5°22 | 5°31 | 12°57 | 13°49 | 16°42 | 28°59 | F 16 |
| S 17 | 7 46 42 | 26°54'17 | 2♒14 | 11°12 | 12°11 | 26°46 | 12°36 | 3°13 | 8°23 | 5°21 | 5°30 | 12°56 | 13°45 | 16°49 | 29° 1 | S 17 |
| S 18 | 7 50 39 | 27°55'26 | 14°25 | 12°48 | 12°59 | 27°12 | 12°43 | 3°17 | 8°26 | 5°19 | 5°29 | 12°D56 | 13°42 | 16°55 | 29° 3 | S 18 |
| M19 | 7 54 35 | 28°56'34 | 26°26 | 14°22 | 13°48 | 27°39 | 12°50 | 3°22 | 8°30 | 5°17 | 5°28 | 12°56 | 13°39 | 17° 2 | 29° 6 | M19 |
| T 20 | 7 58 32 | 29°57'41 | 8♓20 | 15°56 | 14°38 | 28° 4 | 12°57 | 3°26 | 8°33 | 5°16 | 5°27 | 12°57 | 13°36 | 17° 9 | 29° 8 | T 20 |
| W21 | 8 2 28 | 0♒58'48 | 20° 9 | 17°27 | 15°29 | 28°30 | 13° 4 | 3°31 | 8°36 | 5°14 | 5°26 | 12°58 | 13°33 | 17°15 | 29°10 | W21 |
| T 22 | 8 6 25 | 1°59'54 | 1♈57 | 18°57 | 16°20 | 28°55 | 13°10 | 3°35 | 8°40 | 5°12 | 5°25 | 12°59 | 13°30 | 17°22 | 29°13 | T 22 |
| F 23 | 8 10 22 | 3° 1'00 | 13°49 | 20°24 | 17°13 | 29°21 | 13°17 | 3°40 | 8°43 | 5°11 | 5°24 | 13° 0 | 13°26 | 17°29 | 29°15 | F 23 |
| S 24 | 8 14 18 | 4° 2'05 | 25°48 | 21°48 | 18° 6 | 29°46 | 13°23 | 3°45 | 8°47 | 5° 9 | 5°23 | 13° 1 | 13°23 | 17°35 | 29°18 | S 24 |
| S 25 | 8 18 15 | 5° 3'09 | 7♉59 | 23° 9 | 18°59 | 0♏10 | 13°29 | 3°50 | 8°50 | 5° 7 | 5°22 | 13°R 1 | 13°20 | 17°42 | 29°20 | S 25 |
| M26 | 8 22 11 | 6° 4'13 | 20°28 | 24°25 | 19°53 | 0°35 | 13°35 | 3°55 | 8°53 | 5° 6 | 5°21 | 13° 1 | 13°17 | 17°49 | 29°23 | M26 |
| T 27 | 8 26 8 | 7° 5'15 | 3♊17 | 25°37 | 20°48 | 0°59 | 13°41 | 4° 0 | 8°57 | 5° 4 | 5°20 | 13° 0 | 13°14 | 17°55 | 29°25 | T 27 |
| W28 | 8 30 4 | 8° 6'17 | 16°31 | 26°43 | 21°43 | 1°22 | 13°47 | 4° 5 | 9° 0 | 5° 2 | 5°19 | 13° 0 | 13°10 | 18° 2 | 29°28 | W28 |
| T 29 | 8 34 1 | 9° 7'18 | 0♋12 | 27°43 | 22°39 | 1°46 | 13°52 | 4°11 | 9° 3 | 5° 0 | 5°18 | 12°59 | 13° 7 | 18° 9 | 29°31 | T 29 |
| F 30 | 8 37 57 | 10° 8'18 | 14°18 | 28°36 | 23°36 | 2° 9 | 13°58 | 4°16 | 9° 6 | 4°59 | 5°17 | 12°59 | 13° 4 | 18°15 | 29°33 | F 30 |
| S 31 | 8 41 54 | 11♒ 9'17 | 28♋47 | 29♒20 | 24♐33 | 2♏32 | 14♏ 3 | 4♈21 | 9♑10 | 4♌57 | 5♋16 | 12♌59 | 13♌ 1 | 18♓22 | 29♓36 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s58 | 19n 8 | 4s 2 | 24s28 | 1s58 | 16s34 | 3n59 | 5s45 | 1n55 | 13s49 | 1n 8 | 1s14 | 2s19 | 23s27 | 0s16 | 18n27 | 0s21 | 17n 8 | 6s 7 | 16n47 | 16n25 | 8s17 | 2n34 | 3n26 |
| F 2 | 22 53 | 20 6 | 3 8 | 24 19 | 2 0 | 16 36 | 4 3 | 5 56 | 1 55 | 13 52 | 1 8 | 1 13 | 2 19 | 23 26 | 0 16 | 18 27 | 0 21 | 17 8 | 6 7 | 16 49 | 16 26 | 8 16 | 2 35 | 3 26 |
| S 3 | 22 47 | 19 49 | 2 0 | 24 9 | 2 3 | 16 38 | 4 6 | 6 6 | 1 56 | 13 55 | 1 9 | 1 12 | 2 19 | 23 26 | 0 16 | 18 27 | 0 21 | 17 9 | 6 7 | 16 50 | 16 27 | 8 14 | 2 35 | 3 25 |
| S 4 | 22 41 | 18 13 | 0 44 | 23 57 | 2 5 | 16 41 | 4 10 | 6 17 | 1 56 | 13 57 | 1 9 | 1 10 | 2 18 | 23 26 | 0 16 | 18 28 | 0 21 | 17 9 | 6 7 | 16 50 | 16 28 | 8 12 | 2 35 | 3 25 |
| M 5 | 22 35 | 15 26 | 0n36 | 23 43 | 2 7 | 16 45 | 4 12 | 6 27 | 1 57 | 14 0 | 1 9 | 1 9 | 2 18 | 23 26 | 0 16 | 18 28 | 0 21 | 17 9 | 6 7 | 16 50 | 16 29 | 8 10 | 2 36 | 3 25 |
| T 6 | 22 28 | 11 41 | 1 54 | 23 29 | 2 8 | 16 49 | 4 15 | 6 38 | 1 57 | 14 2 | 1 9 | 1 7 | 2 18 | 23 26 | 0 16 | 18 29 | 0 21 | 17 9 | 6 7 | 16 50 | 16 29 | 8 8 | 2 36 | 3 25 |
| W 7 | 22 20 | 7 16 | 3 3 | 23 12 | 2 9 | 16 53 | 4 17 | 6 48 | 1 58 | 14 5 | 1 9 | 1 6 | 2 18 | 23 25 | 0 16 | 18 29 | 0 21 | 17 9 | 6 7 | 16 49 | 16 30 | 8 6 | 2 37 | 3 24 |
| T 8 | 22 13 | 2 29 | 4 1 | 22 54 | 2 9 | 16 57 | 4 19 | 6 58 | 1 58 | 14 7 | 1 9 | 1 4 | 2 18 | 23 25 | 0 16 | 18 29 | 0 21 | 17 9 | 6 7 | 16 49 | 16 31 | 8 4 | 2 37 | 3 24 |
| F 9 | 22 5 | 2s21 | 4 43 | 22 35 | 2 9 | 17 2 | 4 20 | 7 8 | 1 58 | 14 10 | 1 9 | 1 2 | 2 17 | 23 25 | 0 16 | 18 30 | 0 21 | 17 9 | 6 7 | 16 49 | 16 32 | 8 2 | 2 37 | 3 24 |
| S 10 | 21 56 | 7 0 | 5 8 | 22 14 | 2 9 | 17 8 | 4 22 | 7 18 | 1 59 | 14 12 | 1 10 | 1 1 | 2 17 | 23 25 | 0 16 | 18 30 | 0 21 | 17 9 | 6 7 | 16 49 | 16 33 | 8 0 | 2 38 | 3 24 |
| S 11 | 21 47 | 11 12 | 5 15 | 21 52 | 2 8 | 17 13 | 4 22 | 7 28 | 1 59 | 14 15 | 1 10 | 0 59 | 2 17 | 23 25 | 0 16 | 18 31 | 0 21 | 17 10 | 6 7 | 16 49 | 16 34 | 7 59 | 2 38 | 3 23 |
| M12 | 21 37 | 14 46 | 5 4 | 21 29 | 2 7 | 17 19 | 4 23 | 7 37 | 2 0 | 14 17 | 1 10 | 0 57 | 2 17 | 23 24 | 0 16 | 18 31 | 0 21 | 17 10 | 6 7 | 16 50 | 16 35 | 7 57 | 2 39 | 3 23 |
| T 13 | 21 27 | 17 31 | 4 37 | 21 3 | 2 5 | 17 25 | 4 24 | 7 47 | 2 0 | 14 19 | 1 10 | 0 56 | 2 17 | 23 24 | 0 16 | 18 31 | 0 21 | 17 10 | 6 7 | 16 51 | 16 36 | 7 55 | 2 40 | 3 23 |
| W14 | 21 17 | 19 20 | 3 57 | 20 37 | 2 2 | 17 32 | 4 24 | 7 56 | 2 0 | 14 21 | 1 10 | 0 54 | 2 16 | 23 24 | 0 16 | 18 32 | 0 21 | 17 10 | 6 6 | 16 52 | 16 37 | 7 53 | 2 40 | 3 23 |
| T 15 | 21 6 | 20 7 | 3 5 | 20 9 | 1 59 | 17 38 | 4 24 | 8 6 | 2 1 | 14 23 | 1 10 | 0 52 | 2 16 | 23 24 | 0 16 | 18 32 | 0 21 | 17 10 | 6 6 | 16 53 | 16 38 | 7 51 | 2 41 | 3 22 |
| F 16 | 20 55 | 19 52 | 2 4 | 19 40 | 1 56 | 17 44 | 4 24 | 8 15 | 2 1 | 14 26 | 1 11 | 0 50 | 2 16 | 23 24 | 0 16 | 18 33 | 0 21 | 17 10 | 6 6 | 16 53 | 16 39 | 7 49 | 2 41 | 3 22 |
| S 17 | 20 44 | 18 40 | 0 59 | 19 9 | 1 51 | 17 51 | 4 23 | 8 24 | 2 2 | 14 28 | 1 11 | 0 48 | 2 16 | 23 23 | 0 16 | 18 33 | 0 21 | 17 10 | 6 6 | 16 54 | 16 40 | 7 47 | 2 42 | 3 22 |
| S 18 | 20 32 | 16 36 | 0s 8 | 18 38 | 1 46 | 17 58 | 4 23 | 8 33 | 2 2 | 14 30 | 1 11 | 0 46 | 2 16 | 23 23 | 0 16 | 18 33 | 0 21 | 17 11 | 6 6 | 16 54 | 16 40 | 7 45 | 2 43 | 3 22 |
| M19 | 20 19 | 13 50 | 1 14 | 18 5 | 1 41 | 18 4 | 4 22 | 8 42 | 2 3 | 14 32 | 1 11 | 0 44 | 2 15 | 23 23 | 0 16 | 18 34 | 0 21 | 17 11 | 6 6 | 16 54 | 16 41 | 7 43 | 2 43 | 3 21 |
| T 20 | 20 7 | 10 32 | 2 16 | 17 31 | 1 34 | 18 11 | 4 21 | 8 51 | 2 3 | 14 33 | 1 11 | 0 42 | 2 15 | 23 23 | 0 16 | 18 34 | 0 21 | 17 11 | 6 6 | 16 53 | 16 42 | 7 41 | 2 44 | 3 21 |
| W21 | 19 54 | 6 50 | 3 12 | 16 57 | 1 27 | 18 18 | 4 19 | 9 0 | 2 3 | 14 35 | 1 11 | 0 40 | 2 15 | 23 23 | 0 16 | 18 35 | 0 21 | 17 11 | 6 6 | 16 53 | 16 43 | 7 39 | 2 45 | 3 21 |
| T 22 | 19 40 | 2 54 | 4 0 | 16 21 | 1 19 | 18 24 | 4 18 | 9 8 | 2 4 | 14 37 | 1 12 | 0 38 | 2 15 | 23 22 | 0 16 | 18 35 | 0 21 | 17 11 | 6 6 | 16 53 | 16 44 | 7 38 | 2 45 | 3 21 |
| F 23 | 19 26 | 1n10 | 4 37 | 15 45 | 1 10 | 18 31 | 4 16 | 9 17 | 2 4 | 14 39 | 1 12 | 0 36 | 2 15 | 23 22 | 0 16 | 18 36 | 0 21 | 17 11 | 6 5 | 16 52 | 16 45 | 7 36 | 2 46 | 3 20 |
| S 24 | 19 12 | 5 14 | 5 4 | 15 9 | 1 0 | 18 37 | 4 15 | 9 25 | 2 5 | 14 41 | 1 12 | 0 34 | 2 15 | 23 22 | 0 16 | 18 36 | 0 21 | 17 11 | 6 5 | 16 52 | 16 46 | 7 34 | 2 47 | 3 20 |
| S 25 | 18 58 | 9 8 | 5 16 | 14 33 | 0 49 | 18 44 | 4 13 | 9 33 | 2 5 | 14 42 | 1 12 | 0 32 | 2 14 | 23 22 | 0 16 | 18 36 | 0 21 | 17 12 | 6 5 | 16 52 | 16 47 | 7 32 | 2 48 | 3 20 |
| M26 | 18 43 | 12 45 | 5 15 | 13 56 | 0 37 | 18 50 | 4 11 | 9 41 | 2 5 | 14 44 | 1 12 | 0 30 | 2 14 | 23 21 | 0 16 | 18 37 | 0 21 | 17 12 | 6 5 | 16 52 | 16 48 | 7 30 | 2 49 | 3 20 |
| T 27 | 18 27 | 15 53 | 4 58 | 13 21 | 0 25 | 18 56 | 4 8 | 9 49 | 2 6 | 14 45 | 1 12 | 0 28 | 2 14 | 23 21 | 0 16 | 18 37 | 0 21 | 17 12 | 6 5 | 16 52 | 16 49 | 7 28 | 2 49 | 3 20 |
| W28 | 18 12 | 18 18 | 4 25 | 12 46 | 0 11 | 19 2 | 4 6 | 9 57 | 2 6 | 14 47 | 1 13 | 0 26 | 2 14 | 23 21 | 0 16 | 18 38 | 0 21 | 17 12 | 6 5 | 16 53 | 16 49 | 7 26 | 2 50 | 3 19 |
| T 29 | 17 56 | 19 47 | 3 36 | 12 12 | 0n 3 | 19 8 | 4 4 | 10 5 | 2 7 | 14 48 | 1 13 | 0 23 | 2 14 | 23 21 | 0 16 | 18 38 | 0 21 | 17 12 | 6 5 | 16 53 | 16 50 | 7 24 | 2 51 | 3 19 |
| F 30 | 17 40 | 20 5 | 2 33 | 11 39 | 0 18 | 19 13 | 4 1 | 10 12 | 2 7 | 14 50 | 1 13 | 0 21 | 2 14 | 23 21 | 0 16 | 18 38 | 0 21 | 17 12 | 6 5 | 16 53 | 16 51 | 7 22 | 2 52 | 3 19 |
| S 31 | 17s23 | 19n 5 | 1s18 | 11s 9 | 0n34 | 19s18 | 3n58 | 10s20 | 2n 7 | 14s51 | 1n13 | 0s19 | 2s13 | 23s20 | 0s16 | 18n39 | 0s21 | 17n13 | 6s 4 | 16n53 | 16n52 | 7s20 | 2n53 | 3n19 |

Julian Day Number = 2600929.5, Delta T = 09m04s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'30, Lahiri = 29°34'31


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## FEBRUARY 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 45 51 | 12♒10'15 | 13♌34 | 29♒56 | 25♐31 | 2♏55 | 14♏ 8 | 4♈27 | 9♑13 | 4°R55 | 5°R15 | 12°D59 | 12♌58 | 18♓29 | 29♓39 | S 1 |
| M 2 | 8 49 47 | 13°11'12 | 28°32 | 0♓22 | 26°29 | 3°17 | 14°13 | 4°32 | 9°16 | 4♌54 | 5♋14 | 12°R59 | 12°55 | 18°36 | 29°42 | M 2 |
| T 3 | 8 53 44 | 14°12'09 | 13♍32 | 0°38 | 27°27 | 3°39 | 14°17 | 4°38 | 9°19 | 4°52 | 5°13 | 12♌59 | 12°51 | 18°42 | 29°45 | T 3 |
| W 4 | 8 57 40 | 15°13'05 | 28°26 | 0°R42 | 28°26 | 4° 1 | 14°22 | 4°44 | 9°22 | 4°50 | 5°12 | 12°58 | 12°48 | 18°49 | 29°48 | W 4 |
| T 5 | 9 1 37 | 16°14'00 | 13♎ 7 | 0°36 | 29°26 | 4°23 | 14°26 | 4°49 | 9°25 | 4°49 | 5°11 | 12°58 | 12°45 | 18°56 | 29°50 | T 5 |
| F 6 | 9 5 33 | 17°14'55 | 27°29 | 0°18 | 0♑26 | 4°44 | 14°31 | 4°55 | 9°28 | 4°47 | 5°10 | 12°58 | 12°42 | 19° 2 | 29°53 | F 6 |
| S 7 | 9 9 30 | 18°15'48 | 11♏31 | 29♒49 | 1°26 | 5° 4 | 14°35 | 5° 1 | 9°31 | 4°45 | 5° 9 | 12°57 | 12°39 | 19° 9 | 29°56 | S 7 |
| S 8 | 9 13 26 | 19°16'42 | 25°10 | 29°10 | 2°27 | 5°25 | 14°39 | 5° 7 | 9°34 | 4°44 | 5° 9 | 12°D57 | 12°35 | 19°16 | 29°59 | S 8 |
| M 9 | 9 17 23 | 20°17'34 | 8♐29 | 28°21 | 3°28 | 5°45 | 14°42 | 5°13 | 9°37 | 4°42 | 5° 8 | 12°58 | 12°32 | 19°22 | 0♈ 3 | M 9 |
| T 10 | 9 21 20 | 21°18'26 | 21°28 | 27°23 | 4°30 | 6° 4 | 14°46 | 5°19 | 9°40 | 4°41 | 5° 7 | 12°58 | 12°29 | 19°29 | 0° 6 | T 10 |
| W11 | 9 25 16 | 22°19'17 | 4♑10 | 26°19 | 5°32 | 6°24 | 14°49 | 5°25 | 9°43 | 4°39 | 5° 6 | 12°59 | 12°26 | 19°36 | 0° 9 | W11 |
| T 12 | 9 29 13 | 23°20'07 | 16°39 | 25°10 | 6°34 | 6°43 | 14°52 | 5°31 | 9°46 | 4°37 | 5° 6 | 13° 0 | 12°23 | 19°42 | 0°12 | T 12 |
| F 13 | 9 33 9 | 24°20'56 | 28°56 | 23°59 | 7°36 | 7° 1 | 14°55 | 5°37 | 9°49 | 4°36 | 5° 5 | 13° 1 | 12°20 | 19°49 | 0°15 | F 13 |
| S 14 | 9 37 6 | 25°21'44 | 11♒ 3 | 22°47 | 8°39 | 7°19 | 14°58 | 5°44 | 9°52 | 4°34 | 5° 4 | 13°R 2 | 12°16 | 19°56 | 0°19 | S 14 |
| S 15 | 9 41 2 | 26°22'31 | 23° 3 | 21°36 | 9°42 | 7°37 | 15° 1 | 5°50 | 9°55 | 4°33 | 5° 3 | 13° 1 | 12°13 | 20° 2 | 0°22 | S 15 |
| M16 | 9 44 59 | 27°23'16 | 4♓57 | 20°28 | 10°46 | 7°54 | 15° 3 | 5°56 | 9°57 | 4°31 | 5° 3 | 13° 0 | 12°10 | 20° 9 | 0°25 | M16 |
| T 17 | 9 48 55 | 28°24'00 | 16°47 | 19°24 | 11°50 | 8°11 | 15° 6 | 6° 3 | 10° 0 | 4°30 | 5° 2 | 12°59 | 12° 7 | 20°16 | 0°28 | T 17 |
| W18 | 9 52 52 | 29°24'43 | 28°36 | 18°26 | 12°54 | 8°27 | 15° 8 | 6° 9 | 10° 3 | 4°28 | 5° 1 | 12°56 | 12° 4 | 20°22 | 0°32 | W18 |
| T 19 | 9 56 48 | 0♓25'24 | 10♈26 | 17°35 | 13°58 | 8°43 | 15°10 | 6°16 | 10° 5 | 4°27 | 5° 1 | 12°53 | 12° 1 | 20°29 | 0°35 | T 19 |
| F 20 | 10 0 45 | 1°26'04 | 22°19 | 16°52 | 15° 2 | 8°59 | 15°11 | 6°22 | 10° 8 | 4°25 | 5° 0 | 12°50 | 11°57 | 20°36 | 0°39 | F 20 |
| S 21 | 10 4 42 | 2°26'42 | 4♉19 | 16°16 | 16° 7 | 9°14 | 15°13 | 6°29 | 10°11 | 4°24 | 5° 0 | 12°48 | 11°54 | 20°42 | 0°42 | S 21 |
| S 22 | 10 8 38 | 3°27'19 | 16°29 | 15°48 | 17°12 | 9°28 | 15°14 | 6°35 | 10°13 | 4°22 | 4°59 | 12°46 | 11°51 | 20°49 | 0°45 | S 22 |
| M23 | 10 12 35 | 4°27'54 | 28°53 | 15°28 | 18°17 | 9°42 | 15°15 | 6°42 | 10°16 | 4°21 | 4°58 | 12°D45 | 11°48 | 20°56 | 0°49 | M23 |
| T 24 | 10 16 31 | 5°28'27 | 11♊36 | 15°15 | 19°23 | 9°56 | 15°16 | 6°49 | 10°18 | 4°19 | 4°58 | 12°45 | 11°45 | 21° 2 | 0°52 | T 24 |
| W25 | 10 20 28 | 6°28'58 | 24°42 | 15°D10 | 20°29 | 10° 9 | 15°17 | 6°56 | 10°20 | 4°18 | 4°57 | 12°46 | 11°41 | 21° 9 | 0°56 | W25 |
| T 26 | 10 24 24 | 7°29'28 | 8♋13 | 15°12 | 21°35 | 10°21 | 15°18 | 7° 2 | 10°23 | 4°17 | 4°57 | 12°47 | 11°38 | 21°16 | 0°59 | T 26 |
| F 27 | 10 28 21 | 8°29'56 | 22°11 | 15°21 | 22°41 | 10°33 | 15°18 | 7° 9 | 10°25 | 4°15 | 4°57 | 12°49 | 11°35 | 21°22 | 1° 3 | F 27 |
| S 28 | 10 32 17 | 9♓30'22 | 6♌37 | 15♒35 | 23♑47 | 10♏45 | 15♏19 | 7♈16 | 10♑27 | 4♌14 | 4♋56 | 12°R49 | 11♌32 | 21♓29 | 1♈ 7 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 6 | 16n46 | 0n 3 | 10s41 | 0n50 | 19s23 | 3n55 | 10s27 | 2n 8 | 14s53 | 1n13 | 0s17 | 2s13 | 23s20 | 0s16 | 18n39 | 0s21 | 17n13 | 6s 4 | 16n53 | 16n53 | 7s18 | 2n54 | 3n18 |
| M 2 | 16 49 | 13 18 | 1 25 | 10 16 | 1 8 | 19 28 | 3 52 | 10 34 | 2 8 | 14 54 | 1 14 | 0 14 | 2 13 | 23 20 | 0 16 | 18 40 | 0 21 | 17 13 | 6 4 | 16 53 | 16 54 | 7 16 | 2 55 | 3 18 |
| T 3 | 16 32 | 8 57 | 2 42 | 9 54 | 1 25 | 19 33 | 3 49 | 10 41 | 2 9 | 14 55 | 1 14 | 0 12 | 2 13 | 23 20 | 0 16 | 18 40 | 0 21 | 17 13 | 6 4 | 16 53 | 16 55 | 7 14 | 2 56 | 3 18 |
| W 4 | 16 14 | 4 5 | 3 47 | 9 36 | 1 42 | 19 37 | 3 46 | 10 48 | 2 9 | 14 56 | 1 14 | 0 10 | 2 13 | 23 20 | 0 16 | 18 41 | 0 21 | 17 13 | 6 4 | 16 53 | 16 56 | 7 12 | 2 57 | 3 18 |
| T 5 | 15 56 | 0s56 | 4 36 | 9 22 | 2 0 | 19 41 | 3 42 | 10 55 | 2 9 | 14 57 | 1 14 | 0 7 | 2 13 | 23 19 | 0 16 | 18 41 | 0 21 | 17 13 | 6 4 | 16 53 | 16 57 | 7 10 | 2 58 | 3 18 |
| F 6 | 15 38 | 5 47 | 5 6 | 9 12 | 2 17 | 19 44 | 3 39 | 11 2 | 2 10 | 14 58 | 1 14 | 0 5 | 2 13 | 23 19 | 0 16 | 18 41 | 0 21 | 17 14 | 6 4 | 16 53 | 16 58 | 7 8 | 2 59 | 3 17 |
| S 7 | 15 19 | 10 13 | 5 18 | 9 7 | 2 33 | 19 47 | 3 36 | 11 8 | 2 10 | 14 59 | 1 14 | 0 2 | 2 12 | 23 19 | 0 16 | 18 42 | 0 21 | 17 14 | 6 3 | 16 53 | 16 58 | 7 6 | 3 0 | 3 17 |
| S 8 | 15 0 | 13 59 | 5 11 | 9 7 | 2 48 | 19 50 | 3 32 | 11 15 | 2 10 | 15 0 | 1 15 | 0n 0 | 2 12 | 23 19 | 0 17 | 18 42 | 0 21 | 17 14 | 6 3 | 16 53 | 16 59 | 7 4 | 3 1 | 3 17 |
| M 9 | 14 41 | 16 57 | 4 47 | 9 11 | 3 2 | 19 52 | 3 28 | 11 21 | 2 11 | 15 1 | 1 15 | 0 3 | 2 12 | 23 19 | 0 17 | 18 43 | 0 21 | 17 14 | 6 3 | 16 53 | 17 0 | 7 2 | 3 2 | 3 17 |
| T 10 | 14 22 | 18 58 | 4 9 | 9 19 | 3 14 | 19 54 | 3 24 | 11 27 | 2 11 | 15 2 | 1 15 | 0 5 | 2 12 | 23 18 | 0 17 | 18 43 | 0 21 | 17 14 | 6 3 | 16 53 | 17 1 | 7 0 | 3 3 | 3 17 |
| W11 | 14 2 | 20 0 | 3 19 | 9 31 | 3 24 | 19 56 | 3 21 | 11 33 | 2 11 | 15 3 | 1 15 | 0 8 | 2 12 | 23 18 | 0 17 | 18 43 | 0 21 | 17 15 | 6 3 | 16 53 | 17 2 | 6 59 | 3 4 | 3 17 |
| T 12 | 13 43 | 20 1 | 2 21 | 9 46 | 3 32 | 19 57 | 3 17 | 11 39 | 2 12 | 15 4 | 1 15 | 0 10 | 2 12 | 23 18 | 0 17 | 18 44 | 0 21 | 17 15 | 6 3 | 16 52 | 17 3 | 6 57 | 3 5 | 3 16 |
| F 13 | 13 23 | 19 4 | 1 17 | 10 5 | 3 37 | 19 58 | 3 13 | 11 45 | 2 12 | 15 4 | 1 16 | 0 13 | 2 12 | 23 18 | 0 17 | 18 44 | 0 21 | 17 15 | 6 3 | 16 52 | 17 4 | 6 55 | 3 6 | 3 16 |
| S 14 | 13 2 | 17 14 | 0 11 | 10 26 | 3 40 | 19 58 | 3 9 | 11 50 | 2 12 | 15 5 | 1 16 | 0 15 | 2 12 | 23 18 | 0 17 | 18 45 | 0 21 | 17 15 | 6 2 | 16 52 | 17 5 | 6 53 | 3 7 | 3 16 |
| S 15 | 12 42 | 14 41 | 0s55 | 10 48 | 3 40 | 19 58 | 3 4 | 11 55 | 2 13 | 15 6 | 1 16 | 0 18 | 2 11 | 23 18 | 0 17 | 18 45 | 0 21 | 17 15 | 6 2 | 16 52 | 17 6 | 6 51 | 3 8 | 3 16 |
| M16 | 12 21 | 11 31 | 1 59 | 11 11 | 3 38 | 19 57 | 3 0 | 12 1 | 2 13 | 15 6 | 1 16 | 0 21 | 2 11 | 23 17 | 0 17 | 18 45 | 0 21 | 17 15 | 6 2 | 16 52 | 17 6 | 6 49 | 3 10 | 3 16 |
| T 17 | 12 0 | 7 55 | 2 56 | 11 34 | 3 34 | 19 56 | 2 56 | 12 6 | 2 13 | 15 7 | 1 16 | 0 23 | 2 11 | 23 17 | 0 17 | 18 46 | 0 21 | 17 16 | 6 2 | 16 53 | 17 7 | 6 47 | 3 11 | 3 16 |
| W18 | 11 39 | 4 1 | 3 46 | 11 58 | 3 28 | 19 55 | 2 52 | 12 11 | 2 14 | 15 7 | 1 17 | 0 26 | 2 11 | 23 17 | 0 17 | 18 46 | 0 21 | 17 16 | 6 2 | 16 54 | 17 8 | 6 45 | 3 12 | 3 15 |
| T 19 | 11 18 | 0n 2 | 4 27 | 12 20 | 3 21 | 19 53 | 2 47 | 12 15 | 2 14 | 15 7 | 1 17 | 0 29 | 2 11 | 23 17 | 0 17 | 18 46 | 0 21 | 17 16 | 6 2 | 16 54 | 17 9 | 6 43 | 3 13 | 3 15 |
| F 20 | 10 56 | 4 5 | 4 56 | 12 42 | 3 12 | 19 50 | 2 43 | 12 20 | 2 14 | 15 8 | 1 17 | 0 31 | 2 11 | 23 17 | 0 17 | 18 47 | 0 21 | 17 16 | 6 1 | 16 55 | 17 10 | 6 41 | 3 14 | 3 15 |
| S 21 | 10 35 | 8 2 | 5 12 | 13 2 | 3 1 | 19 47 | 2 38 | 12 25 | 2 15 | 15 8 | 1 17 | 0 34 | 2 11 | 23 16 | 0 17 | 18 47 | 0 21 | 17 16 | 6 1 | 16 56 | 17 11 | 6 39 | 3 16 | 3 15 |
| S 22 | 10 13 | 11 42 | 5 15 | 13 21 | 2 50 | 19 44 | 2 34 | 12 29 | 2 15 | 15 8 | 1 17 | 0 37 | 2 11 | 23 16 | 0 17 | 18 48 | 0 20 | 17 17 | 6 1 | 16 57 | 17 12 | 6 37 | 3 17 | 3 15 |
| M23 | 9 51 | 14 56 | 5 3 | 13 38 | 2 38 | 19 40 | 2 30 | 12 33 | 2 15 | 15 8 | 1 18 | 0 39 | 2 11 | 23 16 | 0 17 | 18 48 | 0 20 | 17 17 | 6 1 | 16 57 | 17 13 | 6 35 | 3 18 | 3 15 |
| T 24 | 9 29 | 17 34 | 4 36 | 13 54 | 2 26 | 19 36 | 2 25 | 12 37 | 2 15 | 15 8 | 1 18 | 0 42 | 2 10 | 23 16 | 0 17 | 18 48 | 0 20 | 17 17 | 6 1 | 16 57 | 17 14 | 6 33 | 3 19 | 3 14 |
| W25 | 9 7 | 19 22 | 3 55 | 14 8 | 2 13 | 19 31 | 2 20 | 12 41 | 2 16 | 15 8 | 1 18 | 0 45 | 2 10 | 23 16 | 0 17 | 18 49 | 0 20 | 17 17 | 6 1 | 16 57 | 17 14 | 6 31 | 3 20 | 3 14 |
| T 26 | 8 44 | 20 9 | 2 59 | 14 19 | 2 0 | 19 25 | 2 16 | 12 44 | 2 16 | 15 8 | 1 18 | 0 48 | 2 10 | 23 16 | 0 17 | 18 49 | 0 20 | 17 17 | 6 0 | 16 56 | 17 15 | 6 29 | 3 22 | 3 14 |
| F 27 | 8 22 | 19 44 | 1 51 | 14 29 | 1 47 | 19 19 | 2 11 | 12 48 | 2 16 | 15 8 | 1 18 | 0 50 | 2 10 | 23 15 | 0 17 | 18 49 | 0 20 | 17 18 | 6 0 | 16 56 | 17 16 | 6 27 | 3 23 | 3 14 |
| S 28 | 7s59 | 18n 2 | 0s34 | 14s37 | 1n34 | 19s13 | 2n 7 | 12s51 | 2n16 | 15s 8 | 1n19 | 0n53 | 2s10 | 23s15 | 0s17 | 18n50 | 0s20 | 17n18 | 6s 0 | 16n55 | 17n17 | 6s25 | 3n24 | 3n14 |

Julian Day Number = 2600960.5, Delta T = 09m05s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'34, Lahiri = 29°34'36


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## MARCH 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 36 14 | 10♓30'46 | 21♌26 | 15♒56 | 24♉53 | 10♏55 | 15°R19 | 7♈23 | 10♉30 | 4°R13 | 4°R56 | 12°R49 | 11♌29 | 21♓36 | 1♈10 | S 1 |
| M 2 | 10 40 11 | 11°31'08 | 6♍33 | 16°22 | 26° 0 | 11° 6 | 15♏18 | 7°30 | 10°32 | 4♌11 | 4♋55 | 12♌48 | 11°26 | 21°42 | 1°14 | M 2 |
| T 3 | 10 44 7 | 12°31'29 | 21°49 | 16°53 | 27° 7 | 11°16 | 15°18 | 7°37 | 10°34 | 4°10 | 4°55 | 12°45 | 11°22 | 21°49 | 1°17 | T 3 |
| W 4 | 10 48 4 | 13°31'48 | 7♎ 3 | 17°29 | 28°14 | 11°25 | 15°18 | 7°44 | 10°36 | 4° 9 | 4°55 | 12°41 | 11°19 | 21°56 | 1°21 | W 4 |
| T 5 | 10 52 0 | 14°32'06 | 22° 5 | 18° 9 | 29°21 | 11°33 | 15°17 | 7°51 | 10°38 | 4° 8 | 4°54 | 12°36 | 11°16 | 22° 2 | 1°25 | T 5 |
| F 6 | 10 55 57 | 15°32'22 | 6♏47 | 18°53 | 0♒29 | 11°41 | 15°16 | 7°58 | 10°40 | 4° 6 | 4°54 | 12°32 | 11°13 | 22° 9 | 1°28 | F 6 |
| S 7 | 10 59 53 | 16°32'37 | 21° 4 | 19°40 | 1°36 | 11°49 | 15°15 | 8° 5 | 10°42 | 4° 5 | 4°54 | 12°28 | 11°10 | 22°16 | 1°32 | S 7 |
| S 8 | 11 3 50 | 17°32'50 | 4♐52 | 20°31 | 2°44 | 11°55 | 15°14 | 8°13 | 10°44 | 4° 4 | 4°53 | 12°26 | 11° 7 | 22°22 | 1°36 | S 8 |
| M 9 | 11 7 46 | 18°33'02 | 18°13 | 21°26 | 3°52 | 12° 2 | 15°12 | 8°20 | 10°46 | 4° 3 | 4°53 | 12°D25 | 11° 3 | 22°29 | 1°39 | M 9 |
| T 10 | 11 11 43 | 19°33'12 | 1♑ 9 | 22°23 | 5° 0 | 12° 7 | 15°10 | 8°27 | 10°48 | 4° 2 | 4°53 | 12°25 | 11° 0 | 22°36 | 1°43 | T 10 |
| W11 | 11 15 40 | 20°33'21 | 13°44 | 23°23 | 6° 8 | 12°12 | 15° 9 | 8°34 | 10°50 | 4° 1 | 4°53 | 12°27 | 10°57 | 22°42 | 1°47 | W11 |
| T 12 | 11 19 36 | 21°33'28 | 26° 2 | 24°26 | 7°16 | 12°16 | 15° 7 | 8°41 | 10°52 | 4° 0 | 4°53 | 12°28 | 10°54 | 22°49 | 1°51 | T 12 |
| F 13 | 11 23 33 | 22°33'34 | 8♒ 7 | 25°31 | 8°25 | 12°19 | 15° 4 | 8°49 | 10°53 | 3°59 | 4°52 | 12°R30 | 10°51 | 22°56 | 1°54 | F 13 |
| S 14 | 11 27 29 | 23°33'38 | 20° 4 | 26°38 | 9°33 | 12°22 | 15° 2 | 8°56 | 10°55 | 3°58 | 4°52 | 12°29 | 10°47 | 23° 3 | 1°58 | S 14 |
| S 15 | 11 31 26 | 24°33'41 | 1♓56 | 27°48 | 10°42 | 12°24 | 14°59 | 9° 3 | 10°57 | 3°57 | 4°52 | 12°27 | 10°44 | 23° 9 | 2° 2 | S 15 |
| M16 | 11 35 22 | 25°33'41 | 13°45 | 28°59 | 11°51 | 12°25 | 14°57 | 9°11 | 10°58 | 3°56 | 4°52 | 12°23 | 10°41 | 23°16 | 2° 6 | M16 |
| T 17 | 11 39 19 | 26°33'40 | 25°34 | 0♓12 | 12°59 | 12°R26 | 14°54 | 9°18 | 11° 0 | 3°55 | 4°52 | 12°17 | 10°38 | 23°23 | 2° 9 | T 17 |
| W18 | 11 43 15 | 27°33'37 | 7♈25 | 1°28 | 14° 8 | 12°26 | 14°51 | 9°25 | 11° 1 | 3°54 | 4°52 | 12° 9 | 10°35 | 23°29 | 2°13 | W18 |
| T 19 | 11 47 12 | 28°33'31 | 19°18 | 2°45 | 15°18 | 12°25 | 14°47 | 9°33 | 11° 3 | 3°53 | 4°D52 | 11°59 | 10°32 | 23°36 | 2°17 | T 19 |
| F 20 | 11 51 9 | 29°33'24 | 1♉17 | 4° 4 | 16°27 | 12°23 | 14°44 | 9°40 | 11° 4 | 3°52 | 4°52 | 11°50 | 10°28 | 23°43 | 2°21 | F 20 |
| S 21 | 11 55 5 | 0♈33'15 | 13°23 | 5°24 | 17°36 | 12°21 | 14°40 | 9°48 | 11° 5 | 3°52 | 4°52 | 11°41 | 10°25 | 23°49 | 2°25 | S 21 |
| S 22 | 11 59 2 | 1°33'04 | 25°38 | 6°46 | 18°45 | 12°17 | 14°36 | 9°55 | 11° 6 | 3°51 | 4°52 | 11°34 | 10°22 | 23°56 | 2°28 | S 22 |
| M23 | 12 2 58 | 2°32'51 | 8♊ 4 | 8° 9 | 19°55 | 12°13 | 14°32 | 10° 2 | 11° 8 | 3°50 | 4°52 | 11°29 | 10°19 | 24° 3 | 2°32 | M23 |
| T 24 | 12 6 55 | 3°32'35 | 20°45 | 9°34 | 21° 4 | 12° 9 | 14°28 | 10°10 | 11° 9 | 3°49 | 4°52 | 11°26 | 10°16 | 24° 9 | 2°36 | T 24 |
| W25 | 12 10 51 | 4°32'17 | 3♋45 | 11° 1 | 22°14 | 12° 3 | 14°24 | 10°17 | 11°10 | 3°49 | 4°52 | 11°D25 | 10°12 | 24°16 | 2°40 | W25 |
| T 26 | 12 14 48 | 5°31'57 | 17° 6 | 12°28 | 23°24 | 11°57 | 14°20 | 10°25 | 11°11 | 3°48 | 4°53 | 11°26 | 10° 9 | 24°23 | 2°44 | T 26 |
| F 27 | 12 18 44 | 6°31'35 | 0♌52 | 13°58 | 24°34 | 11°50 | 14°15 | 10°32 | 11°12 | 3°48 | 4°53 | 11°27 | 10° 6 | 24°29 | 2°47 | F 27 |
| S 28 | 12 22 41 | 7°31'10 | 15° 4 | 15°28 | 25°44 | 11°42 | 14°10 | 10°40 | 11°13 | 3°47 | 4°53 | 11°R27 | 10° 3 | 24°36 | 2°51 | S 28 |
| S 29 | 12 26 37 | 8°30'43 | 29°41 | 17° 0 | 26°54 | 11°34 | 14° 5 | 10°47 | 11°14 | 3°46 | 4°53 | 11°25 | 10° 0 | 24°43 | 2°55 | S 29 |
| M30 | 12 30 34 | 9°30'14 | 14♍39 | 18°33 | 28° 4 | 11°24 | 14° 0 | 10°55 | 11°15 | 3°46 | 4°53 | 11°22 | 9°57 | 24°49 | 2°59 | M30 |
| T 31 | 12 34 31 | 10♈29'43 | 29♍51 | 20♓ 8 | 29♒14 | 11♏14 | 13♏55 | 11♈ 2 | 11♉16 | 3♌45 | 4♋54 | 11♌16 | 9♌53 | 24♓56 | 3♈ 2 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s37 | 15n 4 | 0n47 | 14s44 | 1n21 | 19s 6 | 2n 2 | 12s55 | 2n16 | 15s 8 | 1n19 | 0n56 | 2s10 | 23s15 | 0s17 | 18n50 | 0s20 | 17n18 | 6s 0 | 16n55 | 17n18 | 6s23 | 3n26 | 3n14 |
| M 2 | 7 14 | 11 3 | 2 7 | 14 48 | 1 9 | 18 59 | 1 57 | 12 58 | 2 16 | 15 8 | 1 19 | 0 59 | 2 10 | 23 15 | 0 17 | 18 50 | 0 20 | 17 18 | 6 0 | 16 56 | 17 19 | 6 21 | 3 27 | 3 14 |
| T 3 | 6 51 | 6 16 | 3 18 | 14 51 | 0 56 | 18 51 | 1 53 | 13 0 | 2 17 | 15 7 | 1 19 | 1 2 | 2 10 | 23 15 | 0 17 | 18 51 | 0 20 | 17 18 | 6 0 | 16 57 | 17 20 | 6 19 | 3 28 | 3 13 |
| W 4 | 6 28 | 1 6 | 4 15 | 14 52 | 0 44 | 18 42 | 1 48 | 13 3 | 2 17 | 15 7 | 1 19 | 1 4 | 2 10 | 23 15 | 0 17 | 18 51 | 0 20 | 17 18 | 5 59 | 16 58 | 17 21 | 6 17 | 3 30 | 3 13 |
| T 5 | 6 5 | 4s 3 | 4 53 | 14 51 | 0 32 | 18 33 | 1 43 | 13 6 | 2 17 | 15 7 | 1 20 | 1 7 | 2 10 | 23 15 | 0 17 | 18 51 | 0 20 | 17 19 | 5 59 | 16 59 | 17 21 | 6 15 | 3 31 | 3 13 |
| F 6 | 5 41 | 8 51 | 5 11 | 14 48 | 0 20 | 18 24 | 1 39 | 13 8 | 2 17 | 15 6 | 1 20 | 1 10 | 2 10 | 23 14 | 0 17 | 18 51 | 0 20 | 17 19 | 5 59 | 17 0 | 17 22 | 6 13 | 3 32 | 3 13 |
| S 7 | 5 18 | 13 0 | 5 9 | 14 44 | 0 9 | 18 14 | 1 34 | 13 10 | 2 17 | 15 6 | 1 20 | 1 13 | 2 10 | 23 14 | 0 17 | 18 52 | 0 20 | 17 19 | 5 59 | 17 2 | 17 23 | 6 11 | 3 34 | 3 13 |
| S 8 | 4 55 | 16 19 | 4 49 | 14 39 | 0s 2 | 18 3 | 1 30 | 13 12 | 2 17 | 15 5 | 1 20 | 1 16 | 2 10 | 23 14 | 0 17 | 18 52 | 0 20 | 17 19 | 5 59 | 17 2 | 17 24 | 6 9 | 3 35 | 3 13 |
| M 9 | 4 31 | 18 39 | 4 14 | 14 31 | 0 12 | 17 52 | 1 25 | 13 14 | 2 17 | 15 5 | 1 20 | 1 19 | 2 10 | 23 14 | 0 17 | 18 52 | 0 20 | 17 19 | 5 58 | 17 2 | 17 25 | 6 6 | 3 36 | 3 13 |
| T 10 | 4 8 | 19 56 | 3 27 | 14 22 | 0 22 | 17 40 | 1 20 | 13 16 | 2 17 | 15 4 | 1 20 | 1 21 | 2 10 | 23 14 | 0 17 | 18 53 | 0 20 | 17 20 | 5 58 | 17 2 | 17 26 | 6 4 | 3 38 | 3 13 |
| W11 | 3 44 | 20 11 | 2 30 | 14 12 | 0 32 | 17 28 | 1 16 | 13 17 | 2 17 | 15 3 | 1 21 | 1 24 | 2 9 | 23 14 | 0 17 | 18 53 | 0 20 | 17 20 | 5 58 | 17 2 | 17 27 | 6 2 | 3 39 | 3 13 |
| T 12 | 3 20 | 19 27 | 1 29 | 14 0 | 0 42 | 17 16 | 1 11 | 13 18 | 2 17 | 15 3 | 1 21 | 1 27 | 2 9 | 23 14 | 0 17 | 18 53 | 0 20 | 17 20 | 5 58 | 17 1 | 17 28 | 6 0 | 3 41 | 3 12 |
| F 13 | 2 57 | 17 49 | 0 24 | 13 47 | 0 51 | 17 3 | 1 7 | 13 19 | 2 17 | 15 2 | 1 21 | 1 30 | 2 9 | 23 13 | 0 17 | 18 53 | 0 20 | 17 20 | 5 58 | 17 1 | 17 28 | 5 58 | 3 42 | 3 12 |
| S 14 | 2 33 | 15 25 | 0s41 | 13 32 | 0 59 | 16 49 | 1 2 | 13 20 | 2 17 | 15 1 | 1 21 | 1 33 | 2 9 | 23 13 | 0 17 | 18 54 | 0 20 | 17 20 | 5 58 | 17 1 | 17 29 | 5 56 | 3 43 | 3 12 |
| S 15 | 2 9 | 12 23 | 1 44 | 13 16 | 1 7 | 16 35 | 0 57 | 13 21 | 2 17 | 15 0 | 1 21 | 1 36 | 2 9 | 23 13 | 0 17 | 18 54 | 0 20 | 17 21 | 5 57 | 17 2 | 17 30 | 5 54 | 3 45 | 3 12 |
| M16 | 1 46 | 8 51 | 2 41 | 12 58 | 1 15 | 16 21 | 0 53 | 13 22 | 2 17 | 14 59 | 1 21 | 1 39 | 2 9 | 23 13 | 0 17 | 18 54 | 0 20 | 17 21 | 5 57 | 17 3 | 17 31 | 5 52 | 3 46 | 3 12 |
| T 17 | 1 22 | 5 0 | 3 32 | 12 40 | 1 22 | 16 6 | 0 49 | 13 22 | 2 16 | 14 58 | 1 22 | 1 42 | 2 9 | 23 13 | 0 17 | 18 54 | 0 20 | 17 21 | 5 57 | 17 5 | 17 32 | 5 50 | 3 48 | 3 12 |
| W18 | 0 58 | 0 57 | 4 13 | 12 19 | 1 29 | 15 51 | 0 44 | 13 22 | 2 16 | 14 57 | 1 22 | 1 45 | 2 9 | 23 13 | 0 17 | 18 55 | 0 20 | 17 21 | 5 57 | 17 7 | 17 33 | 5 48 | 3 49 | 3 12 |
| T 19 | 0 34 | 3n10 | 4 44 | 11 58 | 1 36 | 15 35 | 0 40 | 13 22 | 2 16 | 14 56 | 1 22 | 1 48 | 2 9 | 23 13 | 0 17 | 18 55 | 0 20 | 17 21 | 5 57 | 17 9 | 17 34 | 5 46 | 3 50 | 3 12 |
| F 20 | 0 11 | 7 10 | 5 2 | 11 35 | 1 42 | 15 19 | 0 35 | 13 22 | 2 16 | 14 55 | 1 22 | 1 50 | 2 9 | 23 13 | 0 17 | 18 55 | 0 20 | 17 22 | 5 56 | 17 12 | 17 34 | 5 44 | 3 52 | 3 12 |
| S 21 | 0n13 | 10 56 | 5 7 | 11 11 | 1 48 | 15 2 | 0 31 | 13 21 | 2 15 | 14 53 | 1 22 | 1 53 | 2 9 | 23 13 | 0 17 | 18 55 | 0 20 | 17 22 | 5 56 | 17 14 | 17 35 | 5 42 | 3 53 | 3 12 |
| S 22 | 0 37 | 14 18 | 4 58 | 10 45 | 1 53 | 14 45 | 0 27 | 13 21 | 2 15 | 14 52 | 1 22 | 1 56 | 2 9 | 23 13 | 0 17 | 18 55 | 0 20 | 17 22 | 5 56 | 17 16 | 17 36 | 5 40 | 3 55 | 3 12 |
| M23 | 1 1 | 17 5 | 4 35 | 10 19 | 1 58 | 14 27 | 0 22 | 13 20 | 2 15 | 14 51 | 1 23 | 1 59 | 2 9 | 23 13 | 0 17 | 18 56 | 0 20 | 17 22 | 5 56 | 17 18 | 17 37 | 5 38 | 3 56 | 3 12 |
| T 24 | 1 24 | 19 6 | 3 58 | 9 51 | 2 2 | 14 9 | 0 18 | 13 19 | 2 14 | 14 50 | 1 23 | 2 2 | 2 9 | 23 12 | 0 17 | 18 56 | 0 20 | 17 22 | 5 56 | 17 19 | 17 38 | 5 36 | 3 58 | 3 11 |
| W25 | 1 48 | 20 12 | 3 8 | 9 22 | 2 6 | 13 51 | 0 14 | 13 18 | 2 14 | 14 48 | 1 23 | 2 5 | 2 9 | 23 12 | 0 17 | 18 56 | 0 20 | 17 22 | 5 56 | 17 19 | 17 39 | 5 34 | 3 59 | 3 11 |
| T 26 | 2 12 | 20 12 | 2 7 | 8 52 | 2 10 | 13 32 | 0 10 | 13 16 | 2 13 | 14 47 | 1 23 | 2 8 | 2 9 | 23 12 | 0 17 | 18 56 | 0 20 | 17 23 | 5 55 | 17 19 | 17 40 | 5 32 | 4 0 | 3 11 |
| F 27 | 2 35 | 19 0 | 0 57 | 8 20 | 2 13 | 13 13 | 0 6 | 13 15 | 2 13 | 14 45 | 1 23 | 2 11 | 2 9 | 23 12 | 0 18 | 18 56 | 0 20 | 17 23 | 5 55 | 17 19 | 17 40 | 5 30 | 4 2 | 3 11 |
| S 28 | 2 59 | 16 35 | 0n19 | 7 48 | 2 15 | 12 53 | 0 2 | 13 13 | 2 12 | 14 44 | 1 23 | 2 14 | 2 9 | 23 12 | 0 18 | 18 56 | 0 20 | 17 23 | 5 55 | 17 18 | 17 41 | 5 28 | 4 3 | 3 11 |
| S 29 | 3 22 | 13 4 | 1 36 | 7 14 | 2 18 | 12 33 | 0s 2 | 13 11 | 2 11 | 14 42 | 1 23 | 2 17 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 23 | 5 55 | 17 19 | 17 42 | 5 25 | 4 5 | 3 11 |
| M30 | 3 45 | 8 37 | 2 48 | 6 39 | 2 19 | 12 13 | 0 6 | 13 9 | 2 11 | 14 41 | 1 24 | 2 20 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 23 | 5 55 | 17 20 | 17 43 | 5 23 | 4 6 | 3 11 |
| T 31 | 4n 9 | 3n34 | 3n49 | 6s 3 | 2s21 | 11s52 | 0s10 | 13s 7 | 2n10 | 14s39 | 1n24 | 2n22 | 2s 9 | 23s12 | 0s18 | 18n57 | 0s20 | 17n24 | 5s54 | 17n22 | 17n44 | 5s21 | 4n 8 | 3n11 |

Julian Day Number = 2600988.5, Delta T = 09m05s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'38, Lahiri = 29°34'40


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## APRIL 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 38 27 | 11♈29'09 | 15♎ 7 | 21♓44 | 0♓24 | 11°R 4 | 13°R50 | 11♈10 | 11♑16 | 3°R45 | 4♋54 | 11°R 7 | 9♌50 | 25♓ 3 | 3♈ 6 | W 1 |
| T 2 | 12 42 24 | 12°28'34 | 0♏18 | 23°21 | 1°34 | 10♏52 | 13♏44 | 11°17 | 11°17 | 3♌45 | 4°54 | 10♌58 | 9°47 | 25° 9 | 3°10 | T 2 |
| F 3 | 12 46 20 | 13°27'57 | 15°11 | 25° 0 | 2°45 | 10°40 | 13°38 | 11°25 | 11°18 | 3°44 | 4°55 | 10°49 | 9°44 | 25°16 | 3°14 | F 3 |
| S 4 | 12 50 17 | 14°27'18 | 29°39 | 26°40 | 3°55 | 10°27 | 13°33 | 11°32 | 11°18 | 3°44 | 4°55 | 10°40 | 9°41 | 25°23 | 3°17 | S 4 |
| S 5 | 12 54 13 | 15°26'37 | 13♐38 | 28°21 | 5° 6 | 10°13 | 13°27 | 11°40 | 11°19 | 3°44 | 4°55 | 10°34 | 9°38 | 25°30 | 3°21 | S 5 |
| M 6 | 12 58 10 | 16°25'54 | 27° 7 | 0♈ 4 | 6°16 | 9°58 | 13°21 | 11°47 | 11°19 | 3°43 | 4°56 | 10°30 | 9°34 | 25°36 | 3°25 | M 6 |
| T 7 | 13 2 6 | 17°25'10 | 10♑ 8 | 1°48 | 7°27 | 9°43 | 13°15 | 11°54 | 11°20 | 3°43 | 4°56 | 10°29 | 9°31 | 25°43 | 3°29 | T 7 |
| W 8 | 13 6 3 | 18°24'24 | 22°44 | 3°34 | 8°38 | 9°27 | 13° 8 | 12° 2 | 11°20 | 3°43 | 4°57 | 10°D28 | 9°28 | 25°50 | 3°32 | W 8 |
| T 9 | 13 10 0 | 19°23'36 | 5♒ 0 | 5°20 | 9°48 | 9°11 | 13° 2 | 12° 9 | 11°21 | 3°43 | 4°57 | 10°R29 | 9°25 | 25°56 | 3°36 | T 9 |
| F 10 | 13 13 56 | 20°22'46 | 17° 3 | 7° 9 | 10°59 | 8°54 | 12°55 | 12°17 | 11°21 | 3°43 | 4°58 | 10°29 | 9°22 | 26° 3 | 3°40 | F 10 |
| S 11 | 13 17 53 | 21°21'55 | 28°56 | 8°59 | 12°10 | 8°36 | 12°49 | 12°24 | 11°21 | 3°42 | 4°58 | 10°27 | 9°18 | 26°10 | 3°43 | S 11 |
| S 12 | 13 21 49 | 22°21'02 | 10♓44 | 10°50 | 13°21 | 8°18 | 12°42 | 12°32 | 11°21 | 3°42 | 4°59 | 10°23 | 9°15 | 26°16 | 3°47 | S 12 |
| M13 | 13 25 46 | 23°20'07 | 22°32 | 12°42 | 14°32 | 7°59 | 12°35 | 12°39 | 11°22 | 3°42 | 4°59 | 10°16 | 9°12 | 26°23 | 3°51 | M13 |
| T 14 | 13 29 42 | 24°19'10 | 4♈22 | 14°36 | 15°43 | 7°39 | 12°28 | 12°46 | 11°22 | 3°D42 | 5° 0 | 10° 7 | 9° 9 | 26°30 | 3°54 | T 14 |
| W15 | 13 33 39 | 25°18'11 | 16°17 | 16°32 | 16°54 | 7°19 | 12°21 | 12°54 | 11°R22 | 3°42 | 5° 0 | 9°55 | 9° 6 | 26°36 | 3°58 | W15 |
| T 16 | 13 37 35 | 26°17'10 | 28°18 | 18°29 | 18° 5 | 6°59 | 12°14 | 13° 1 | 11°22 | 3°42 | 5° 1 | 9°41 | 9° 3 | 26°43 | 4° 1 | T 16 |
| F 17 | 13 41 32 | 27°16'07 | 10♉26 | 20°27 | 19°16 | 6°38 | 12° 7 | 13° 9 | 11°22 | 3°42 | 5° 2 | 9°28 | 8°59 | 26°50 | 4° 5 | F 17 |
| S 18 | 13 45 29 | 28°15'02 | 22°43 | 22°27 | 20°27 | 6°17 | 12° 0 | 13°16 | 11°21 | 3°43 | 5° 2 | 9°15 | 8°56 | 26°56 | 4° 8 | S 18 |
| S 19 | 13 49 25 | 29°13'55 | 5♊ 9 | 24°28 | 21°39 | 5°55 | 11°53 | 13°23 | 11°21 | 3°43 | 5° 3 | 9° 3 | 8°53 | 27° 3 | 4°12 | S 19 |
| M20 | 13 53 22 | 0♉12'46 | 17°46 | 26°30 | 22°50 | 5°33 | 11°45 | 13°30 | 11°21 | 3°43 | 5° 4 | 8°55 | 8°50 | 27°10 | 4°15 | M20 |
| T 21 | 13 57 18 | 1°11'35 | 0♋35 | 28°33 | 24° 1 | 5°11 | 11°38 | 13°38 | 11°21 | 3°43 | 5° 4 | 8°49 | 8°47 | 27°17 | 4°19 | T 21 |
| W22 | 14 1 15 | 2°10'21 | 13°38 | 0♉38 | 25°13 | 4°49 | 11°30 | 13°45 | 11°21 | 3°43 | 5° 5 | 8°46 | 8°44 | 27°23 | 4°22 | W22 |
| T 23 | 14 5 11 | 3° 9'06 | 26°57 | 2°43 | 26°24 | 4°26 | 11°23 | 13°52 | 11°20 | 3°44 | 5° 6 | 8°45 | 8°40 | 27°30 | 4°26 | T 23 |
| F 24 | 14 9 8 | 4° 7'48 | 10♌36 | 4°50 | 27°35 | 4° 4 | 11°15 | 13°59 | 11°20 | 3°44 | 5° 7 | 8°45 | 8°37 | 27°37 | 4°29 | F 24 |
| S 25 | 14 13 4 | 5° 6'28 | 24°35 | 6°57 | 28°47 | 3°41 | 11° 8 | 14° 7 | 11°19 | 3°44 | 5° 7 | 8°45 | 8°34 | 27°43 | 4°33 | S 25 |
| S 26 | 14 17 1 | 6° 5'05 | 8♍56 | 9° 4 | 29°58 | 3°18 | 11° 0 | 14°14 | 11°19 | 3°45 | 5° 8 | 8°43 | 8°31 | 27°50 | 4°36 | S 26 |
| M27 | 14 20 58 | 7° 3'41 | 23°35 | 11°12 | 1♈10 | 2°55 | 10°53 | 14°21 | 11°18 | 3°45 | 5° 9 | 8°38 | 8°28 | 27°57 | 4°39 | M27 |
| T 28 | 14 24 54 | 8° 2'14 | 8♎29 | 13°19 | 2°21 | 2°33 | 10°45 | 14°28 | 11°18 | 3°46 | 5°10 | 8°31 | 8°24 | 28° 3 | 4°43 | T 28 |
| W29 | 14 28 51 | 9° 0'45 | 23°31 | 15°27 | 3°33 | 2°10 | 10°37 | 14°35 | 11°17 | 3°46 | 5°11 | 8°21 | 8°21 | 28°10 | 4°46 | W29 |
| T 30 | 14 32 47 | 9♉59'14 | 8♏30 | 17♉33 | 4♈45 | 1♏48 | 10♏30 | 14♈42 | 11♑16 | 3♌47 | 5♋12 | 8♌10 | 8♌18 | 28♓17 | 4♈49 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| W 1 | 4n32 | 1s44 | 4n34 | 5s26 | 2s22 | 11s31 | 0s13 | 13s 4 | 2n 9 | 14s37 | 1n24 | 2n25 | 2s 9 | 23s12 | 0s18 | 18n57 | 0s20 | 17n24 | 5s54 | 17n24 | 17n45 | 5s19 | 4n 9 | 3n11 | W 1 |
| T 2 | 4 55 | 6 53 | 4 59 | 4 48 | 2 22 | 11 10 | 0 17 | 13 1 | 2 8 | 14 35 | 1 24 | 2 28 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 24 | 5 54 | 17 26 | 17 45 | 5 17 | 4 11 | 3 11 | T 2 |
| F 3 | 5 18 | 11 31 | 5 3 | 4 9 | 2 22 | 10 48 | 0 21 | 12 58 | 2 7 | 14 34 | 1 24 | 2 31 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 24 | 5 54 | 17 29 | 17 46 | 5 15 | 4 12 | 3 11 | F 3 |
| S 4 | 5 41 | 15 20 | 4 48 | 3 29 | 2 21 | 10 26 | 0 24 | 12 55 | 2 6 | 14 32 | 1 24 | 2 34 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 24 | 5 54 | 17 31 | 17 47 | 5 13 | 4 14 | 3 11 | S 4 |
| S 5 | 6 4 | 18 9 | 4 15 | 2 48 | 2 20 | 10 3 | 0 28 | 12 52 | 2 5 | 14 30 | 1 24 | 2 37 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 24 | 5 53 | 17 33 | 17 48 | 5 11 | 4 15 | 3 11 | S 5 |
| M 6 | 6 27 | 19 52 | 3 30 | 2 6 | 2 19 | 9 41 | 0 31 | 12 49 | 2 4 | 14 28 | 1 24 | 2 40 | 2 9 | 23 12 | 0 18 | 18 57 | 0 20 | 17 25 | 5 53 | 17 34 | 17 49 | 5 9 | 4 16 | 3 11 | M 6 |
| T 7 | 6 49 | 20 26 | 2 34 | 1 23 | 2 17 | 9 18 | 0 35 | 12 45 | 2 3 | 14 26 | 1 24 | 2 43 | 2 9 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 53 | 17 34 | 17 50 | 5 7 | 4 18 | 3 11 | T 7 |
| W 8 | 7 12 | 19 57 | 1 33 | 0 39 | 2 14 | 8 54 | 0 38 | 12 41 | 2 2 | 14 24 | 1 24 | 2 46 | 2 9 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 53 | 17 34 | 17 51 | 5 5 | 4 19 | 3 11 | W 8 |
| T 9 | 7 34 | 18 30 | 0 29 | 0n 6 | 2 11 | 8 31 | 0 41 | 12 37 | 2 0 | 14 22 | 1 25 | 2 48 | 2 9 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 53 | 17 34 | 17 51 | 5 3 | 4 21 | 3 11 | T 9 |
| F 10 | 7 57 | 16 15 | 0s35 | 0 52 | 2 8 | 8 7 | 0 45 | 12 33 | 1 59 | 14 20 | 1 25 | 2 51 | 2 10 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 53 | 17 34 | 17 52 | 5 0 | 4 22 | 3 11 | F 10 |
| S 11 | 8 19 | 13 20 | 1 36 | 1 39 | 2 4 | 7 43 | 0 48 | 12 29 | 1 58 | 14 18 | 1 25 | 2 54 | 2 10 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 52 | 17 35 | 17 53 | 4 58 | 4 24 | 3 11 | S 11 |
| S 12 | 8 41 | 9 53 | 2 33 | 2 26 | 2 0 | 7 19 | 0 51 | 12 24 | 1 56 | 14 16 | 1 25 | 2 57 | 2 10 | 23 12 | 0 18 | 18 58 | 0 20 | 17 25 | 5 52 | 17 36 | 17 54 | 4 56 | 4 25 | 3 11 | S 12 |
| M13 | 9 3 | 6 4 | 3 24 | 3 15 | 1 55 | 6 54 | 0 54 | 12 20 | 1 55 | 14 14 | 1 25 | 3 0 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 52 | 17 38 | 17 55 | 4 54 | 4 26 | 3 11 | M13 |
| T 14 | 9 24 | 2 1 | 4 5 | 4 4 | 1 49 | 6 29 | 0 57 | 12 15 | 1 53 | 14 12 | 1 25 | 3 3 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 52 | 17 40 | 17 56 | 4 52 | 4 28 | 3 11 | T 14 |
| W15 | 9 46 | 2n 8 | 4 36 | 4 54 | 1 43 | 6 5 | 0 59 | 12 10 | 1 52 | 14 10 | 1 25 | 3 5 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 52 | 17 43 | 17 56 | 4 50 | 4 29 | 3 11 | W15 |
| T 16 | 10 7 | 6 15 | 4 55 | 5 44 | 1 37 | 5 39 | 1 2 | 12 5 | 1 50 | 14 8 | 1 25 | 3 8 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 52 | 17 47 | 17 57 | 4 48 | 4 31 | 3 11 | T 16 |
| F 17 | 10 29 | 10 9 | 5 0 | 6 35 | 1 30 | 5 14 | 1 5 | 12 0 | 1 48 | 14 5 | 1 25 | 3 11 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 51 | 17 51 | 17 58 | 4 46 | 4 32 | 3 11 | F 17 |
| S 18 | 10 50 | 13 42 | 4 52 | 7 26 | 1 22 | 4 48 | 1 7 | 11 55 | 1 46 | 14 3 | 1 25 | 3 14 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 26 | 5 51 | 17 54 | 17 59 | 4 44 | 4 34 | 3 11 | S 18 |
| S 19 | 11 11 | 16 41 | 4 30 | 8 18 | 1 15 | 4 23 | 1 10 | 11 49 | 1 44 | 14 1 | 1 25 | 3 16 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 51 | 17 57 | 18 0 | 4 42 | 4 35 | 3 11 | S 19 |
| M20 | 11 31 | 18 55 | 3 55 | 9 10 | 1 6 | 3 57 | 1 12 | 11 44 | 1 43 | 13 59 | 1 25 | 3 19 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 51 | 17 59 | 18 1 | 4 39 | 4 36 | 3 11 | M20 |
| T 21 | 11 52 | 20 16 | 3 7 | 10 2 | 0 57 | 3 31 | 1 15 | 11 38 | 1 41 | 13 56 | 1 25 | 3 22 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 51 | 18 1 | 18 1 | 4 37 | 4 38 | 3 11 | T 21 |
| W22 | 12 12 | 20 33 | 2 9 | 10 55 | 0 48 | 3 5 | 1 17 | 11 33 | 1 39 | 13 54 | 1 25 | 3 25 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 50 | 18 2 | 18 2 | 4 35 | 4 39 | 3 11 | W22 |
| T 23 | 12 32 | 19 42 | 1 2 | 11 47 | 0 39 | 2 38 | 1 19 | 11 27 | 1 36 | 13 52 | 1 25 | 3 27 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 50 | 18 2 | 18 3 | 4 33 | 4 40 | 3 11 | T 23 |
| F 24 | 12 52 | 17 42 | 0n10 | 12 39 | 0 29 | 2 12 | 1 21 | 11 22 | 1 34 | 13 50 | 1 25 | 3 30 | 2 10 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 50 | 18 2 | 18 4 | 4 31 | 4 42 | 3 11 | F 24 |
| S 25 | 13 12 | 14 36 | 1 23 | 13 30 | 0 19 | 1 46 | 1 23 | 11 16 | 1 32 | 13 47 | 1 25 | 3 33 | 2 11 | 23 12 | 0 18 | 18 58 | 0 19 | 17 27 | 5 50 | 18 2 | 18 5 | 4 29 | 4 43 | 3 11 | S 25 |
| S 26 | 13 31 | 10 33 | 2 32 | 14 21 | 0 8 | 1 19 | 1 25 | 11 11 | 1 30 | 13 45 | 1 25 | 3 35 | 2 11 | 23 12 | 0 18 | 18 58 | 0 19 | 17 28 | 5 50 | 18 2 | 18 6 | 4 27 | 4 45 | 3 11 | S 26 |
| M27 | 13 50 | 5 48 | 3 33 | 15 12 | 0n 2 | 0 52 | 1 27 | 11 5 | 1 28 | 13 43 | 1 25 | 3 38 | 2 11 | 23 12 | 0 18 | 18 57 | 0 19 | 17 28 | 5 50 | 18 4 | 18 6 | 4 25 | 4 46 | 3 11 | M27 |
| T 28 | 14 9 | 0 38 | 4 21 | 16 1 | 0 13 | 0 25 | 1 29 | 10 59 | 1 25 | 13 40 | 1 25 | 3 41 | 2 11 | 23 13 | 0 18 | 18 57 | 0 19 | 17 28 | 5 49 | 18 6 | 18 7 | 4 22 | 4 47 | 3 11 | T 28 |
| W29 | 14 28 | 4s36 | 4 50 | 16 49 | 0 24 | 0n 1 | 1 31 | 10 54 | 1 23 | 13 38 | 1 25 | 3 43 | 2 11 | 23 13 | 0 18 | 18 57 | 0 19 | 17 28 | 5 49 | 18 8 | 18 8 | 4 20 | 4 49 | 3 11 | W29 |
| T 30 | 14n47 | 9s33 | 5n 0 | 17n35 | 0n35 | 0n28 | 1s32 | 10s48 | 1n21 | 13s36 | 1n25 | 3n46 | 2s11 | 23s13 | 0s18 | 18n57 | 0s19 | 17n28 | 5s49 | 18n11 | 18n 9 | 4s18 | 4n50 | 3n11 | T 30 |

Julian Day Number = 2601019.5, Delta T = 09m05s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'42, Lahiri = 29°34'44


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## MAY 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 36 44 | 10♉57'42 | 23♏17 | 19♉39 | 5♈56 | 1°R25 | 10°R22 | 14♈49 | 11°R15 | 3♎47 | 5♋12 | 7°R59 | 8♎15 | 28♓23 | 4♈52 | F 1 |
| S 2 | 14 40 40 | 11°56'07 | 7♐44 | 21°44 | 7° 8 | 1♏ 3 | 10♏14 | 14°56 | 11♑15 | 3°48 | 5°13 | 7♎48 | 8°12 | 28°30 | 4°55 | S 2 |
| S 3 | 14 44 37 | 12°54'31 | 21°46 | 23°47 | 8°20 | 0°41 | 10° 7 | 15° 3 | 11°14 | 3°48 | 5°14 | 7°40 | 8° 9 | 28°37 | 4°59 | S 3 |
| M 4 | 14 48 33 | 13°52'53 | 5♑19 | 25°48 | 9°31 | 0°20 | 9°59 | 15°10 | 11°13 | 3°49 | 5°15 | 7°35 | 8° 5 | 28°43 | 5° 2 | M 4 |
| T 5 | 14 52 30 | 14°51'14 | 18°24 | 27°47 | 10°43 | 29♎58 | 9°51 | 15°17 | 11°12 | 3°50 | 5°16 | 7°32 | 8° 2 | 28°50 | 5° 5 | T 5 |
| W 6 | 14 56 27 | 15°49'33 | 1♒ 5 | 29°44 | 11°55 | 29°38 | 9°44 | 15°23 | 11°11 | 3°50 | 5°17 | 7°31 | 7°59 | 28°57 | 5° 8 | W 6 |
| T 7 | 15 0 23 | 16°47'51 | 13°24 | 1♊38 | 13° 7 | 29°17 | 9°36 | 15°30 | 11°10 | 3°51 | 5°18 | 7°30 | 7°56 | 29° 4 | 5°11 | T 7 |
| F 8 | 15 4 20 | 17°46'07 | 25°29 | 3°29 | 14°19 | 28°57 | 9°29 | 15°37 | 11° 9 | 3°52 | 5°19 | 7°30 | 7°53 | 29°10 | 5°14 | F 8 |
| S 9 | 15 8 16 | 18°44'22 | 7♓23 | 5°17 | 15°31 | 28°38 | 9°21 | 15°44 | 11° 8 | 3°53 | 5°20 | 7°29 | 7°49 | 29°17 | 5°17 | S 9 |
| S 10 | 15 12 13 | 19°42'35 | 19°12 | 7° 2 | 16°42 | 28°19 | 9°14 | 15°50 | 11° 6 | 3°54 | 5°21 | 7°26 | 7°46 | 29°24 | 5°20 | S 10 |
| M11 | 15 16 9 | 20°40'47 | 1♈ 1 | 8°43 | 17°54 | 28° 0 | 9° 6 | 15°57 | 11° 5 | 3°54 | 5°22 | 7°20 | 7°43 | 29°30 | 5°23 | M11 |
| T 12 | 15 20 6 | 21°38'57 | 12°55 | 10°21 | 19° 6 | 27°43 | 8°59 | 16° 4 | 11° 4 | 3°55 | 5°23 | 7°11 | 7°40 | 29°37 | 5°26 | T 12 |
| W13 | 15 24 2 | 22°37'05 | 24°55 | 11°55 | 20°18 | 27°25 | 8°52 | 16°10 | 11° 3 | 3°56 | 5°25 | 7° 0 | 7°37 | 29°44 | 5°29 | W13 |
| T 14 | 15 27 59 | 23°35'12 | 7♉ 4 | 13°25 | 21°30 | 27° 9 | 8°44 | 16°17 | 11° 1 | 3°57 | 5°26 | 6°48 | 7°34 | 29°50 | 5°31 | T 14 |
| F 15 | 15 31 55 | 24°33'18 | 19°25 | 14°52 | 22°42 | 26°53 | 8°37 | 16°23 | 11° 0 | 3°58 | 5°27 | 6°35 | 7°30 | 29°57 | 5°34 | F 15 |
| S 16 | 15 35 52 | 25°31'22 | 1♊56 | 16°14 | 23°54 | 26°38 | 8°30 | 16°29 | 10°58 | 3°59 | 5°28 | 6°23 | 7°27 | 0♈ 4 | 5°37 | S 16 |
| S 17 | 15 39 49 | 26°29'24 | 14°39 | 17°33 | 25° 6 | 26°23 | 8°23 | 16°36 | 10°57 | 4° 0 | 5°29 | 6°12 | 7°24 | 0°10 | 5°40 | S 17 |
| M18 | 15 43 45 | 27°27'25 | 27°33 | 18°47 | 26°19 | 26° 9 | 8°16 | 16°42 | 10°55 | 4° 1 | 5°30 | 6° 4 | 7°21 | 0°17 | 5°42 | M18 |
| T 19 | 15 47 42 | 28°25'24 | 10♋39 | 19°57 | 27°31 | 25°56 | 8° 9 | 16°48 | 10°54 | 4° 2 | 5°31 | 5°59 | 7°18 | 0°24 | 5°45 | T 19 |
| W20 | 15 51 38 | 29°23'22 | 23°56 | 21° 3 | 28°43 | 25°44 | 8° 2 | 16°55 | 10°52 | 4° 4 | 5°33 | 5°57 | 7°15 | 0°31 | 5°47 | W20 |
| T 21 | 15 55 35 | 0♊21'17 | 7♎25 | 22° 5 | 29°55 | 25°33 | 7°56 | 17° 1 | 10°51 | 4° 5 | 5°34 | 5°D56 | 7°11 | 0°37 | 5°50 | T 21 |
| F 22 | 15 59 31 | 1°19'11 | 21° 7 | 23° 3 | 1♉ 7 | 25°22 | 7°49 | 17° 7 | 10°49 | 4° 6 | 5°35 | 5°56 | 7° 8 | 0°44 | 5°52 | F 22 |
| S 23 | 16 3 28 | 2°17'03 | 5♍ 4 | 23°56 | 2°19 | 25°12 | 7°43 | 17°13 | 10°47 | 4° 7 | 5°36 | 5°R57 | 7° 5 | 0°51 | 5°55 | S 23 |
| S 24 | 16 7 25 | 3°14'53 | 19°13 | 24°44 | 3°31 | 25° 3 | 7°36 | 17°19 | 10°46 | 4° 8 | 5°38 | 5°56 | 7° 2 | 0°57 | 5°57 | S 24 |
| M25 | 16 11 21 | 4°12'41 | 3♎36 | 25°29 | 4°44 | 24°55 | 7°30 | 17°25 | 10°44 | 4°10 | 5°39 | 5°52 | 6°59 | 1° 4 | 6° 0 | M25 |
| T 26 | 16 15 18 | 5°10'28 | 18° 8 | 26° 8 | 5°56 | 24°47 | 7°24 | 17°31 | 10°42 | 4°11 | 5°40 | 5°47 | 6°55 | 1°11 | 6° 2 | T 26 |
| W27 | 16 19 14 | 6° 8'13 | 2♏45 | 26°43 | 7° 8 | 24°41 | 7°18 | 17°36 | 10°40 | 4°12 | 5°41 | 5°40 | 6°52 | 1°17 | 6° 4 | W27 |
| T 28 | 16 23 11 | 7° 5'57 | 17°20 | 27°13 | 8°20 | 24°35 | 7°12 | 17°42 | 10°38 | 4°14 | 5°43 | 5°31 | 6°49 | 1°24 | 6° 6 | T 28 |
| F 29 | 16 27 7 | 8° 3'39 | 1♐47 | 27°39 | 9°33 | 24°30 | 7° 7 | 17°48 | 10°36 | 4°15 | 5°44 | 5°22 | 6°46 | 1°31 | 6° 9 | F 29 |
| S 30 | 16 31 4 | 9° 1'20 | 15°58 | 27°59 | 10°45 | 24°26 | 7° 1 | 17°54 | 10°34 | 4°17 | 5°45 | 5°14 | 6°43 | 1°38 | 6°11 | S 30 |
| S 31 | 16 35 0 | 9♊59'00 | 29♐49 | 28♊15 | 11♉57 | 24♎22 | 6♏55 | 17♈59 | 10♑32 | 4♎18 | 5♋46 | 5♎ 7 | 6♎40 | 1♈44 | 6♈13 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n 5 | 13s52 | 4n50 | 18n20 | 0n45 | 0n55 | 1s34 | 10s43 | 1n18 | 13s33 | 1n25 | 3n48 | 2s11 | 23s13 | 0s18 | 18n57 | 0s19 | 17n28 | 5s49 | 18n14 | 18n10 | 4s16 | 4n51 | 3n11 |
| S 2 | 15 23 | 17 16 | 4 21 | 19 3 | 0 56 | 1 22 | 1 35 | 10 38 | 1 16 | 13 31 | 1 25 | 3 51 | 2 11 | 23 13 | 0 18 | 18 57 | 0 19 | 17 28 | 5 49 | 18 17 | 18 11 | 4 14 | 4 52 | 3 11 |
| S 3 | 15 41 | 19 31 | 3 37 | 19 45 | 1 6 | 1 49 | 1 36 | 10 32 | 1 13 | 13 29 | 1 25 | 3 54 | 2 11 | 23 13 | 0 18 | 18 57 | 0 19 | 17 28 | 5 49 | 18 19 | 18 11 | 4 12 | 4 54 | 3 11 |
| M 4 | 15 58 | 20 35 | 2 41 | 20 24 | 1 16 | 2 16 | 1 38 | 10 27 | 1 11 | 13 26 | 1 25 | 3 56 | 2 11 | 23 13 | 0 18 | 18 57 | 0 19 | 17 29 | 5 49 | 18 20 | 18 12 | 4 10 | 4 55 | 3 11 |
| T 5 | 16 15 | 20 29 | 1 39 | 21 1 | 1 26 | 2 43 | 1 39 | 10 22 | 1 8 | 13 24 | 1 25 | 3 59 | 2 12 | 23 13 | 0 18 | 18 57 | 0 19 | 17 29 | 5 48 | 18 21 | 18 13 | 4 8 | 4 56 | 3 11 |
| W 6 | 16 32 | 19 19 | 0 34 | 21 35 | 1 35 | 3 10 | 1 40 | 10 17 | 1 6 | 13 22 | 1 24 | 4 1 | 2 12 | 23 13 | 0 18 | 18 56 | 0 19 | 17 29 | 5 48 | 18 21 | 18 14 | 4 5 | 4 58 | 3 11 |
| T 7 | 16 49 | 17 15 | 0s31 | 22 8 | 1 43 | 3 37 | 1 41 | 10 13 | 1 3 | 13 19 | 1 24 | 4 4 | 2 12 | 23 13 | 0 18 | 18 56 | 0 19 | 17 29 | 5 48 | 18 21 | 18 15 | 4 3 | 4 59 | 3 11 |
| F 8 | 17 5 | 14 28 | 1 34 | 22 37 | 1 51 | 4 4 | 1 42 | 10 8 | 1 1 | 13 17 | 1 24 | 4 6 | 2 12 | 23 14 | 0 19 | 18 56 | 0 19 | 17 29 | 5 48 | 18 21 | 18 15 | 4 1 | 5 0 | 3 11 |
| S 9 | 17 22 | 11 7 | 2 31 | 23 4 | 1 58 | 4 31 | 1 43 | 10 3 | 0 58 | 13 15 | 1 24 | 4 9 | 2 12 | 23 14 | 0 19 | 18 56 | 0 19 | 17 29 | 5 48 | 18 21 | 18 16 | 3 59 | 5 1 | 3 11 |
| S 10 | 17 37 | 7 21 | 3 22 | 23 29 | 2 5 | 4 57 | 1 44 | 9 59 | 0 55 | 13 12 | 1 24 | 4 11 | 2 12 | 23 14 | 0 19 | 18 56 | 0 19 | 17 29 | 5 48 | 18 22 | 18 17 | 3 57 | 5 2 | 3 11 |
| M11 | 17 53 | 3 19 | 4 4 | 23 51 | 2 11 | 5 24 | 1 44 | 9 55 | 0 53 | 13 10 | 1 24 | 4 13 | 2 12 | 23 14 | 0 19 | 18 56 | 0 19 | 17 29 | 5 48 | 18 24 | 18 18 | 3 55 | 5 4 | 3 11 |
| T 12 | 18 8 | 0n52 | 4 35 | 24 11 | 2 16 | 5 51 | 1 45 | 9 51 | 0 50 | 13 8 | 1 24 | 4 16 | 2 13 | 23 14 | 0 19 | 18 55 | 0 19 | 17 29 | 5 47 | 18 26 | 18 19 | 3 52 | 5 5 | 3 11 |
| W13 | 18 23 | 5 3 | 4 55 | 24 29 | 2 20 | 6 17 | 1 45 | 9 47 | 0 48 | 13 6 | 1 24 | 4 18 | 2 13 | 23 14 | 0 19 | 18 55 | 0 19 | 17 29 | 5 47 | 18 29 | 18 19 | 3 50 | 5 6 | 3 11 |
| T 14 | 18 38 | 9 6 | 5 1 | 24 44 | 2 23 | 6 44 | 1 46 | 9 44 | 0 45 | 13 4 | 1 24 | 4 21 | 2 13 | 23 14 | 0 19 | 18 55 | 0 19 | 17 30 | 5 47 | 18 32 | 18 20 | 3 48 | 5 7 | 3 11 |
| F 15 | 18 52 | 12 50 | 4 54 | 24 56 | 2 26 | 7 10 | 1 46 | 9 41 | 0 42 | 13 1 | 1 23 | 4 23 | 2 13 | 23 14 | 0 19 | 18 55 | 0 19 | 17 30 | 5 47 | 18 35 | 18 21 | 3 46 | 5 8 | 3 12 |
| S 16 | 19 6 | 16 3 | 4 32 | 25 7 | 2 27 | 7 36 | 1 46 | 9 38 | 0 40 | 12 59 | 1 23 | 4 25 | 2 13 | 23 15 | 0 19 | 18 55 | 0 19 | 17 30 | 5 47 | 18 38 | 18 22 | 3 44 | 5 9 | 3 12 |
| S 17 | 19 20 | 18 35 | 3 57 | 25 15 | 2 28 | 8 3 | 1 47 | 9 35 | 0 37 | 12 57 | 1 23 | 4 27 | 2 13 | 23 15 | 0 19 | 18 54 | 0 19 | 17 30 | 5 47 | 18 41 | 18 23 | 3 42 | 5 11 | 3 12 |
| M18 | 19 33 | 20 13 | 3 9 | 25 22 | 2 27 | 8 28 | 1 47 | 9 32 | 0 35 | 12 55 | 1 23 | 4 30 | 2 13 | 23 15 | 0 19 | 18 54 | 0 19 | 17 30 | 5 47 | 18 43 | 18 24 | 3 39 | 5 12 | 3 12 |
| T 19 | 19 46 | 20 48 | 2 10 | 25 26 | 2 26 | 8 54 | 1 47 | 9 30 | 0 32 | 12 53 | 1 23 | 4 32 | 2 14 | 23 15 | 0 19 | 18 54 | 0 19 | 17 30 | 5 46 | 18 44 | 18 24 | 3 37 | 5 13 | 3 12 |
| W20 | 19 58 | 20 14 | 1 3 | 25 29 | 2 24 | 9 20 | 1 47 | 9 28 | 0 30 | 12 51 | 1 23 | 4 34 | 2 14 | 23 15 | 0 19 | 18 54 | 0 19 | 17 30 | 5 46 | 18 45 | 18 25 | 3 35 | 5 14 | 3 12 |
| T 21 | 20 11 | 18 30 | 0n 8 | 25 30 | 2 21 | 9 45 | 1 46 | 9 26 | 0 27 | 12 49 | 1 23 | 4 36 | 2 14 | 23 15 | 0 19 | 18 53 | 0 19 | 17 30 | 5 46 | 18 45 | 18 26 | 3 33 | 5 15 | 3 12 |
| F 22 | 20 23 | 15 41 | 1 20 | 25 29 | 2 17 | 10 11 | 1 46 | 9 24 | 0 25 | 12 47 | 1 22 | 4 38 | 2 14 | 23 15 | 0 19 | 18 53 | 0 19 | 17 30 | 5 46 | 18 45 | 18 27 | 3 31 | 5 16 | 3 12 |
| S 23 | 20 34 | 11 56 | 2 29 | 25 26 | 2 12 | 10 36 | 1 46 | 9 23 | 0 22 | 12 45 | 1 22 | 4 41 | 2 14 | 23 16 | 0 19 | 18 53 | 0 19 | 17 30 | 5 46 | 18 45 | 18 28 | 3 29 | 5 17 | 3 12 |
| S 24 | 20 45 | 7 28 | 3 29 | 25 22 | 2 5 | 11 0 | 1 46 | 9 22 | 0 20 | 12 43 | 1 22 | 4 43 | 2 14 | 23 16 | 0 19 | 18 53 | 0 19 | 17 30 | 5 46 | 18 45 | 18 28 | 3 26 | 5 18 | 3 12 |
| M25 | 20 56 | 2 31 | 4 18 | 25 17 | 1 58 | 11 25 | 1 45 | 9 21 | 0 17 | 12 41 | 1 22 | 4 45 | 2 15 | 23 16 | 0 19 | 18 52 | 0 19 | 17 30 | 5 46 | 18 46 | 18 29 | 3 24 | 5 19 | 3 12 |
| T 26 | 21 7 | 2s37 | 4 50 | 25 10 | 1 50 | 11 49 | 1 45 | 9 21 | 0 15 | 12 40 | 1 22 | 4 47 | 2 15 | 23 16 | 0 19 | 18 52 | 0 19 | 17 31 | 5 46 | 18 47 | 18 30 | 3 22 | 5 20 | 3 12 |
| W27 | 21 17 | 7 38 | 5 4 | 25 2 | 1 41 | 12 13 | 1 44 | 9 20 | 0 13 | 12 38 | 1 22 | 4 49 | 2 15 | 23 16 | 0 19 | 18 52 | 0 19 | 17 31 | 5 45 | 18 49 | 18 31 | 3 20 | 5 21 | 3 12 |
| T 28 | 21 27 | 12 12 | 4 58 | 24 53 | 1 31 | 12 37 | 1 43 | 9 21 | 0 10 | 12 36 | 1 21 | 4 51 | 2 15 | 23 16 | 0 19 | 18 51 | 0 19 | 17 31 | 5 45 | 18 51 | 18 32 | 3 18 | 5 22 | 3 13 |
| F 29 | 21 36 | 16 1 | 4 33 | 24 42 | 1 20 | 13 1 | 1 43 | 9 21 | 0 8 | 12 35 | 1 21 | 4 53 | 2 15 | 23 17 | 0 19 | 18 51 | 0 19 | 17 31 | 5 45 | 18 53 | 18 32 | 3 16 | 5 23 | 3 13 |
| S 30 | 21 45 | 18 49 | 3 51 | 24 31 | 1 8 | 13 24 | 1 42 | 9 21 | 0 6 | 12 33 | 1 21 | 4 55 | 2 15 | 23 17 | 0 19 | 18 51 | 0 19 | 17 31 | 5 45 | 18 55 | 18 33 | 3 13 | 5 24 | 3 13 |
| S 31 | 21n54 | 20s26 | 2n57 | 24n18 | 0n56 | 13n47 | 1s41 | 9s22 | 0n 4 | 12s31 | 1n21 | 4n57 | 2s16 | 23s17 | 0s19 | 18n50 | 0s18 | 17n31 | 5s45 | 18n57 | 18n34 | 3s11 | 5n25 | 3n13 |

Julian Day Number = 2601049.5, Delta T = 09m05s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'47, Lahiri = 29°34'48


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## JUNE 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 38 57 | 10♊56'39 | 13♑17 | 28♊27 | 13♉10 | 24°R20 | 6°R50 | 18♈ 5 | 10°R30 | 4♎19 | 5♋48 | 5°R 3 | 6♎36 | 1♈51 | 6♈15 | M 1 |
| T 2 | 16 42 54 | 11°54'16 | 26°20 | 28°33 | 14°22 | 24♎18 | 6♏45 | 18°10 | 10♑28 | 4°21 | 5°49 | 5♎ 1 | 6°33 | 1°58 | 6°17 | T 2 |
| W 3 | 16 46 50 | 12°51'53 | 9♒ 1 | 28°R35 | 15°34 | 24°17 | 6°40 | 18°15 | 10°26 | 4°22 | 5°50 | 5°D 0 | 6°30 | 2° 4 | 6°19 | W 3 |
| T 4 | 16 50 47 | 13°49'28 | 21°23 | 28°32 | 16°47 | 24°D16 | 6°35 | 18°21 | 10°24 | 4°24 | 5°52 | 5° 1 | 6°27 | 2°11 | 6°21 | T 4 |
| F 5 | 16 54 43 | 14°47'03 | 3♓30 | 28°25 | 17°59 | 24°17 | 6°30 | 18°26 | 10°22 | 4°26 | 5°53 | 5° 2 | 6°24 | 2°18 | 6°23 | F 5 |
| S 6 | 16 58 40 | 15°44'36 | 15°27 | 28°13 | 19°11 | 24°18 | 6°26 | 18°31 | 10°20 | 4°27 | 5°55 | 5°R 3 | 6°21 | 2°24 | 6°25 | S 6 |
| S 7 | 17 2 36 | 16°42'09 | 27°18 | 27°57 | 20°24 | 24°20 | 6°21 | 18°36 | 10°18 | 4°29 | 5°56 | 5° 2 | 6°17 | 2°31 | 6°26 | S 7 |
| M 8 | 17 6 33 | 17°39'41 | 9♈10 | 27°38 | 21°36 | 24°23 | 6°17 | 18°41 | 10°16 | 4°30 | 5°57 | 5° 0 | 6°14 | 2°38 | 6°28 | M 8 |
| T 9 | 17 10 29 | 18°37'12 | 21° 6 | 27°15 | 22°49 | 24°27 | 6°13 | 18°46 | 10°14 | 4°32 | 5°59 | 4°55 | 6°11 | 2°45 | 6°30 | T 9 |
| W10 | 17 14 26 | 19°34'43 | 3♉11 | 26°50 | 24° 1 | 24°31 | 6° 9 | 18°51 | 10°11 | 4°34 | 6° 0 | 4°49 | 6° 8 | 2°51 | 6°31 | W10 |
| T 11 | 17 18 23 | 20°32'13 | 15°28 | 26°21 | 25°14 | 24°36 | 6° 5 | 18°56 | 10° 9 | 4°35 | 6° 1 | 4°42 | 6° 5 | 2°58 | 6°33 | T 11 |
| F 12 | 17 22 19 | 21°29'41 | 27°58 | 25°51 | 26°26 | 24°42 | 6° 1 | 19° 1 | 10° 7 | 4°37 | 6° 3 | 4°34 | 6° 1 | 3° 5 | 6°34 | F 12 |
| S 13 | 17 26 16 | 22°27'10 | 10♊44 | 25°19 | 27°39 | 24°48 | 5°58 | 19° 5 | 10° 5 | 4°39 | 6° 4 | 4°27 | 5°58 | 3°11 | 6°36 | S 13 |
| S 14 | 17 30 12 | 23°24'37 | 23°45 | 24°46 | 28°52 | 24°55 | 5°54 | 19°10 | 10° 2 | 4°41 | 6° 6 | 4°21 | 5°55 | 3°18 | 6°37 | S 14 |
| M15 | 17 34 9 | 24°22'04 | 7♋ 0 | 24°12 | 0♊ 4 | 25° 3 | 5°51 | 19°15 | 10° 0 | 4°42 | 6° 7 | 4°16 | 5°52 | 3°25 | 6°39 | M15 |
| T 16 | 17 38 5 | 25°19'29 | 20°29 | 23°39 | 1°17 | 25°12 | 5°48 | 19°19 | 9°58 | 4°44 | 6° 9 | 4°14 | 5°49 | 3°31 | 6°40 | T 16 |
| W17 | 17 42 2 | 26°16'54 | 4♎ 8 | 23° 6 | 2°29 | 25°21 | 5°45 | 19°23 | 9°55 | 4°46 | 6°10 | 4°D13 | 5°46 | 3°38 | 6°41 | W17 |
| T 18 | 17 45 58 | 27°14'17 | 17°58 | 22°35 | 3°42 | 25°31 | 5°43 | 19°28 | 9°53 | 4°48 | 6°11 | 4°14 | 5°42 | 3°45 | 6°42 | T 18 |
| F 19 | 17 49 55 | 28°11'40 | 1♍55 | 22° 5 | 4°55 | 25°41 | 5°40 | 19°32 | 9°51 | 4°50 | 6°13 | 4°15 | 5°39 | 3°52 | 6°44 | F 19 |
| S 20 | 17 53 52 | 29° 9'02 | 16° 0 | 21°37 | 6° 7 | 25°52 | 5°38 | 19°36 | 9°48 | 4°51 | 6°14 | 4°16 | 5°36 | 3°58 | 6°45 | S 20 |
| S 21 | 17 57 48 | 0♋ 6'22 | 0♎10 | 21°13 | 7°20 | 26° 4 | 5°36 | 19°40 | 9°46 | 4°53 | 6°16 | 4°R17 | 5°33 | 4° 5 | 6°46 | S 21 |
| M22 | 18 1 45 | 1° 3'42 | 14°24 | 20°51 | 8°33 | 26°17 | 5°34 | 19°44 | 9°43 | 4°55 | 6°17 | 4°16 | 5°30 | 4°12 | 6°47 | M22 |
| T 23 | 18 5 41 | 2° 1'00 | 28°39 | 20°33 | 9°45 | 26°30 | 5°32 | 19°48 | 9°41 | 4°57 | 6°19 | 4°14 | 5°27 | 4°18 | 6°48 | T 23 |
| W24 | 18 9 38 | 2°58'18 | 12♏52 | 20°19 | 10°58 | 26°43 | 5°31 | 19°52 | 9°39 | 4°59 | 6°20 | 4°11 | 5°23 | 4°25 | 6°49 | W24 |
| T 25 | 18 13 34 | 3°55'35 | 27° 0 | 20° 8 | 12°11 | 26°57 | 5°29 | 19°55 | 9°36 | 5° 1 | 6°21 | 4° 6 | 5°20 | 4°32 | 6°49 | T 25 |
| F 26 | 18 17 31 | 4°52'52 | 10♐59 | 20° 2 | 13°24 | 27°12 | 5°28 | 19°59 | 9°34 | 5° 3 | 6°23 | 4° 2 | 5°17 | 4°38 | 6°50 | F 26 |
| S 27 | 18 21 27 | 5°50'07 | 24°45 | 20°D 1 | 14°36 | 27°28 | 5°27 | 20° 3 | 9°31 | 5° 5 | 6°24 | 3°58 | 5°14 | 4°45 | 6°51 | S 27 |
| S 28 | 18 25 24 | 6°47'23 | 8♑15 | 20° 4 | 15°49 | 27°43 | 5°26 | 20° 6 | 9°29 | 5° 7 | 6°26 | 3°55 | 5°11 | 4°52 | 6°52 | S 28 |
| M29 | 18 29 21 | 7°44'38 | 21°28 | 20°12 | 17° 2 | 28° 0 | 5°26 | 20° 9 | 9°26 | 5° 9 | 6°27 | 3°53 | 5° 7 | 4°59 | 6°52 | M29 |
| T 30 | 18 33 17 | 8♋41'52 | 4♒21 | 20♊24 | 18♊15 | 28♎17 | 5♏25 | 20♈13 | 9♑24 | 5♎11 | 6♋29 | 3°D53 | 5♎ 4 | 5♈ 5 | 6♈53 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 2 | 20s50 | 1n54 | 24n 5 | 0n42 | 14n10 | 1s40 | 9s23 | 0n 1 | 12s30 | 1n21 | 4n59 | 2s16 | 23s17 | 0s19 | 18n50 | 0s18 | 17n31 | 5s45 | 18n58 | 18n35 | 3s 9 | 5n26 | 3n13 |
| T 2 | 22 10 | 20 5 | 0 46 | 23 50 | 0 28 | 14 32 | 1 39 | 9 25 | 0s 1 | 12 28 | 1 20 | 5 1 | 2 16 | 23 17 | 0 19 | 18 50 | 0 18 | 17 31 | 5 45 | 18 58 | 18 36 | 3 7 | 5 27 | 3 13 |
| W 3 | 22 17 | 18 18 | 0s22 | 23 35 | 0 13 | 14 54 | 1 38 | 9 26 | 0 3 | 12 27 | 1 20 | 5 2 | 2 16 | 23 17 | 0 19 | 18 49 | 0 18 | 17 31 | 5 45 | 18 58 | 18 36 | 3 5 | 5 27 | 3 13 |
| T 4 | 22 24 | 15 43 | 1 27 | 23 19 | 0s 3 | 15 16 | 1 37 | 9 28 | 0 5 | 12 25 | 1 20 | 5 4 | 2 16 | 23 18 | 0 19 | 18 49 | 0 18 | 17 31 | 5 45 | 18 58 | 18 37 | 3 2 | 5 28 | 3 13 |
| F 5 | 22 31 | 12 29 | 2 27 | 23 3 | 0 20 | 15 37 | 1 36 | 9 30 | 0 7 | 12 24 | 1 20 | 5 6 | 2 17 | 23 18 | 0 19 | 18 49 | 0 18 | 17 31 | 5 45 | 18 58 | 18 38 | 3 0 | 5 29 | 3 13 |
| S 6 | 22 37 | 8 48 | 3 20 | 22 46 | 0 36 | 15 58 | 1 34 | 9 33 | 0 9 | 12 23 | 1 19 | 5 8 | 2 17 | 23 18 | 0 19 | 18 48 | 0 18 | 17 31 | 5 44 | 18 58 | 18 39 | 2 58 | 5 30 | 3 13 |
| S 7 | 22 43 | 4 48 | 4 4 | 22 29 | 0 53 | 16 19 | 1 33 | 9 35 | 0 11 | 12 22 | 1 19 | 5 10 | 2 17 | 23 18 | 0 19 | 18 48 | 0 18 | 17 31 | 5 44 | 18 58 | 18 39 | 2 56 | 5 31 | 3 13 |
| M 8 | 22 49 | 0 38 | 4 38 | 22 11 | 1 11 | 16 39 | 1 32 | 9 38 | 0 13 | 12 20 | 1 19 | 5 11 | 2 17 | 23 18 | 0 19 | 18 48 | 0 18 | 17 31 | 5 44 | 18 58 | 18 40 | 2 54 | 5 31 | 3 14 |
| T 9 | 22 54 | 3n35 | 4 59 | 21 53 | 1 28 | 16 59 | 1 30 | 9 41 | 0 15 | 12 19 | 1 19 | 5 13 | 2 18 | 23 19 | 0 19 | 18 47 | 0 18 | 17 31 | 5 44 | 18 59 | 18 41 | 2 51 | 5 32 | 3 14 |
| W10 | 22 59 | 7 43 | 5 8 | 21 35 | 1 46 | 17 18 | 1 29 | 9 45 | 0 17 | 12 18 | 1 19 | 5 15 | 2 18 | 23 19 | 0 19 | 18 47 | 0 18 | 17 31 | 5 44 | 19 1 | 18 42 | 2 49 | 5 33 | 3 14 |
| T 11 | 23 3 | 11 36 | 5 3 | 21 17 | 2 3 | 17 37 | 1 27 | 9 48 | 0 19 | 12 17 | 1 18 | 5 16 | 2 18 | 23 19 | 0 19 | 18 47 | 0 18 | 17 31 | 5 44 | 19 3 | 18 43 | 2 47 | 5 34 | 3 14 |
| F 12 | 23 7 | 15 4 | 4 43 | 20 59 | 2 20 | 17 56 | 1 26 | 9 52 | 0 21 | 12 16 | 1 18 | 5 18 | 2 18 | 23 19 | 0 19 | 18 46 | 0 18 | 17 31 | 5 44 | 19 4 | 18 43 | 2 45 | 5 34 | 3 14 |
| S 13 | 23 10 | 17 54 | 4 9 | 20 42 | 2 36 | 18 14 | 1 24 | 9 56 | 0 23 | 12 15 | 1 18 | 5 19 | 2 18 | 23 19 | 0 19 | 18 46 | 0 18 | 17 31 | 5 44 | 19 6 | 18 44 | 2 43 | 5 35 | 3 14 |
| S 14 | 23 13 | 19 53 | 3 22 | 20 25 | 2 52 | 18 31 | 1 22 | 10 1 | 0 25 | 12 14 | 1 18 | 5 21 | 2 19 | 23 20 | 0 19 | 18 45 | 0 18 | 17 31 | 5 44 | 19 8 | 18 45 | 2 40 | 5 36 | 3 14 |
| M15 | 23 16 | 20 50 | 2 22 | 20 9 | 3 7 | 18 49 | 1 20 | 10 5 | 0 26 | 12 14 | 1 17 | 5 22 | 2 19 | 23 20 | 0 19 | 18 45 | 0 18 | 17 31 | 5 44 | 19 9 | 18 46 | 2 38 | 5 36 | 3 14 |
| T 16 | 23 18 | 20 36 | 1 14 | 19 54 | 3 20 | 19 5 | 1 19 | 10 10 | 0 28 | 12 13 | 1 17 | 5 24 | 2 19 | 23 20 | 0 19 | 18 45 | 0 18 | 17 31 | 5 44 | 19 9 | 18 47 | 2 36 | 5 37 | 3 14 |
| W17 | 23 20 | 19 10 | 0 0 | 19 39 | 3 33 | 19 21 | 1 17 | 10 15 | 0 30 | 12 12 | 1 17 | 5 25 | 2 19 | 23 20 | 0 19 | 18 44 | 0 18 | 17 31 | 5 44 | 19 10 | 18 47 | 2 34 | 5 38 | 3 14 |
| T 18 | 23 21 | 16 35 | 1n14 | 19 26 | 3 45 | 19 37 | 1 15 | 10 20 | 0 32 | 12 11 | 1 17 | 5 27 | 2 20 | 23 20 | 0 19 | 18 44 | 0 18 | 17 31 | 5 43 | 19 9 | 18 48 | 2 31 | 5 38 | 3 15 |
| F 19 | 23 22 | 13 2 | 2 25 | 19 14 | 3 55 | 19 52 | 1 13 | 10 25 | 0 33 | 12 11 | 1 16 | 5 28 | 2 20 | 23 20 | 0 19 | 18 43 | 0 18 | 17 31 | 5 43 | 19 9 | 18 49 | 2 29 | 5 39 | 3 15 |
| S 20 | 23 23 | 8 42 | 3 28 | 19 3 | 4 4 | 20 7 | 1 11 | 10 31 | 0 35 | 12 10 | 1 16 | 5 29 | 2 20 | 23 21 | 0 19 | 18 43 | 0 18 | 17 31 | 5 43 | 19 9 | 18 50 | 2 27 | 5 39 | 3 15 |
| S 21 | 23 23 | 3 53 | 4 19 | 18 54 | 4 12 | 20 21 | 1 9 | 10 37 | 0 36 | 12 10 | 1 16 | 5 31 | 2 20 | 23 21 | 0 19 | 18 42 | 0 18 | 17 31 | 5 43 | 19 9 | 18 50 | 2 25 | 5 40 | 3 15 |
| M22 | 23 23 | 1s 9 | 4 54 | 18 46 | 4 18 | 20 35 | 1 7 | 10 43 | 0 38 | 12 10 | 1 16 | 5 32 | 2 20 | 23 21 | 0 19 | 18 42 | 0 18 | 17 31 | 5 43 | 19 9 | 18 51 | 2 23 | 5 40 | 3 15 |
| T 23 | 23 22 | 6 7 | 5 11 | 18 40 | 4 23 | 20 48 | 1 5 | 10 49 | 0 40 | 12 9 | 1 15 | 5 33 | 2 21 | 23 21 | 0 19 | 18 41 | 0 18 | 17 31 | 5 43 | 19 9 | 18 52 | 2 20 | 5 41 | 3 15 |
| W24 | 23 21 | 10 46 | 5 9 | 18 36 | 4 27 | 21 0 | 1 2 | 10 55 | 0 41 | 12 9 | 1 15 | 5 34 | 2 21 | 23 21 | 0 19 | 18 41 | 0 18 | 17 31 | 5 43 | 19 10 | 18 53 | 2 18 | 5 41 | 3 15 |
| T 25 | 23 20 | 14 46 | 4 48 | 18 33 | 4 29 | 21 12 | 1 0 | 11 2 | 0 43 | 12 9 | 1 15 | 5 36 | 2 21 | 23 22 | 0 19 | 18 41 | 0 18 | 17 31 | 5 43 | 19 11 | 18 53 | 2 16 | 5 42 | 3 15 |
| F 26 | 23 18 | 17 55 | 4 10 | 18 32 | 4 30 | 21 24 | 0 58 | 11 8 | 0 44 | 12 9 | 1 15 | 5 37 | 2 21 | 23 22 | 0 19 | 18 40 | 0 18 | 17 31 | 5 43 | 19 12 | 18 54 | 2 14 | 5 42 | 3 15 |
| S 27 | 23 15 | 19 59 | 3 18 | 18 32 | 4 29 | 21 35 | 0 56 | 11 15 | 0 45 | 12 9 | 1 14 | 5 38 | 2 22 | 23 22 | 0 19 | 18 40 | 0 18 | 17 31 | 5 43 | 19 13 | 18 55 | 2 11 | 5 42 | 3 16 |
| S 28 | 23 13 | 20 52 | 2 16 | 18 34 | 4 28 | 21 45 | 0 53 | 11 22 | 0 47 | 12 8 | 1 14 | 5 39 | 2 22 | 23 22 | 0 19 | 18 39 | 0 18 | 17 31 | 5 43 | 19 14 | 18 56 | 2 9 | 5 43 | 3 16 |
| M29 | 23 10 | 20 34 | 1 8 | 18 37 | 4 25 | 21 54 | 0 51 | 11 29 | 0 48 | 12 9 | 1 14 | 5 40 | 2 22 | 23 22 | 0 19 | 18 39 | 0 18 | 17 31 | 5 43 | 19 14 | 18 57 | 2 7 | 5 43 | 3 16 |
| T 30 | 23n 6 | 19s10 | 0s 3 | 18n42 | 4s21 | 22n 3 | 0s49 | 11s37 | 0s50 | 12s 9 | 1n13 | 5n41 | 2s22 | 23s22 | 0s19 | 18n38 | 0s18 | 17n31 | 5s43 | 19n14 | 18n57 | 2s 5 | 5n44 | 3n16 |

Julian Day Number = 2601080.5, Delta T = 09m05s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'51, Lahiri = 29°34'52


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## JULY 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 37 14 | 9♋39'06 | 16♒57 | 20♊41 | 19♊28 | 28♎34 | 5°R25 | 20♈16 | 9°R22 | 5♏13 | 6♋30 | 3♏53 | 5♏ 1 | 5♈12 | 6♈53 | W 1 |
| T 2 | 18 41 10 | 10°36'20 | 29°16 | 21° 3 | 20°41 | 28°52 | 5°D25 | 20°19 | 9♑19 | 5°15 | 6°32 | 3°55 | 4°58 | 5°19 | 6°54 | T 2 |
| F 3 | 18 45 7 | 11°33'34 | 11♓23 | 21°30 | 21°54 | 29°10 | 5♏25 | 20°22 | 9°17 | 5°17 | 6°33 | 3°56 | 4°55 | 5°25 | 6°54 | F 3 |
| S 4 | 18 49 3 | 12°30'48 | 23°21 | 22° 1 | 23° 7 | 29°29 | 5°25 | 20°25 | 9°14 | 5°19 | 6°34 | 3°58 | 4°52 | 5°32 | 6°55 | S 4 |
| S 5 | 18 53 0 | 13°28'01 | 5♈14 | 22°37 | 24°20 | 29°49 | 5°25 | 20°28 | 9°12 | 5°21 | 6°36 | 3°59 | 4°48 | 5°39 | 6°55 | S 5 |
| M 6 | 18 56 56 | 14°25'15 | 17° 7 | 23°18 | 25°33 | 0♏ 9 | 5°26 | 20°31 | 9° 9 | 5°23 | 6°37 | 3°R59 | 4°45 | 5°46 | 6°55 | M 6 |
| T 7 | 19 0 53 | 15°22'29 | 29° 4 | 24° 3 | 26°46 | 0°29 | 5°27 | 20°33 | 9° 7 | 5°26 | 6°39 | 3°58 | 4°42 | 5°52 | 6°55 | T 7 |
| W 8 | 19 4 50 | 16°19'43 | 11♉11 | 24°52 | 27°59 | 0°50 | 5°28 | 20°36 | 9° 5 | 5°28 | 6°40 | 3°57 | 4°39 | 5°59 | 6°55 | W 8 |
| T 9 | 19 8 46 | 17°16'57 | 23°31 | 25°46 | 29°12 | 1°11 | 5°29 | 20°38 | 9° 2 | 5°30 | 6°42 | 3°55 | 4°36 | 6° 6 | 6°56 | T 9 |
| F 10 | 19 12 43 | 18°14'11 | 6♊ 7 | 26°45 | 0♋25 | 1°33 | 5°30 | 20°41 | 9° 0 | 5°32 | 6°43 | 3°53 | 4°33 | 6°12 | 6°R56 | F 10 |
| S 11 | 19 16 39 | 19°11'26 | 19° 3 | 27°47 | 1°38 | 1°55 | 5°32 | 20°43 | 8°57 | 5°34 | 6°44 | 3°51 | 4°29 | 6°19 | 6°56 | S 11 |
| S 12 | 19 20 36 | 20° 8'40 | 2♋18 | 28°54 | 2°51 | 2°17 | 5°33 | 20°45 | 8°55 | 5°36 | 6°46 | 3°49 | 4°26 | 6°26 | 6°55 | S 12 |
| M13 | 19 24 32 | 21° 5'55 | 15°52 | 0♋ 5 | 4° 4 | 2°40 | 5°35 | 20°47 | 8°53 | 5°38 | 6°47 | 3°48 | 4°23 | 6°32 | 6°55 | M13 |
| T 14 | 19 28 29 | 22° 3'10 | 29°43 | 1°20 | 5°17 | 3° 3 | 5°37 | 20°49 | 8°50 | 5°41 | 6°49 | 3°D47 | 4°20 | 6°39 | 6°55 | T 14 |
| W15 | 19 32 25 | 23° 0'24 | 13♏49 | 2°39 | 6°30 | 3°27 | 5°39 | 20°51 | 8°48 | 5°43 | 6°50 | 3°47 | 4°17 | 6°46 | 6°55 | W15 |
| T 16 | 19 36 22 | 23°57'39 | 28° 5 | 4° 3 | 7°44 | 3°51 | 5°42 | 20°53 | 8°46 | 5°45 | 6°52 | 3°48 | 4°13 | 6°53 | 6°55 | T 16 |
| F 17 | 19 40 19 | 24°54'53 | 12♍26 | 5°30 | 8°57 | 4°16 | 5°44 | 20°54 | 8°43 | 5°47 | 6°53 | 3°49 | 4°10 | 6°59 | 6°54 | F 17 |
| S 18 | 19 44 15 | 25°52'08 | 26°50 | 7° 1 | 10°10 | 4°41 | 5°47 | 20°56 | 8°41 | 5°49 | 6°54 | 3°49 | 4° 7 | 7° 6 | 6°54 | S 18 |
| S 19 | 19 48 12 | 26°49'22 | 11♎11 | 8°35 | 11°23 | 5° 6 | 5°50 | 20°57 | 8°39 | 5°52 | 6°56 | 3°50 | 4° 4 | 7°13 | 6°53 | S 19 |
| M20 | 19 52 8 | 27°46'37 | 25°27 | 10°14 | 12°37 | 5°32 | 5°53 | 20°59 | 8°36 | 5°54 | 6°57 | 3°R50 | 4° 1 | 7°19 | 6°53 | M20 |
| T 21 | 19 56 5 | 28°43'51 | 9♏34 | 11°56 | 13°50 | 5°58 | 5°56 | 21° 0 | 8°34 | 5°56 | 6°58 | 3°50 | 3°58 | 7°26 | 6°52 | T 21 |
| W22 | 20 0 1 | 29°41'05 | 23°31 | 13°41 | 15° 3 | 6°24 | 5°59 | 21° 1 | 8°32 | 5°58 | 7° 0 | 3°50 | 3°54 | 7°33 | 6°52 | W22 |
| T 23 | 20 3 58 | 0♐38'20 | 7♐17 | 15°30 | 16°17 | 6°51 | 6° 3 | 21° 2 | 8°30 | 6° 0 | 7° 1 | 3°49 | 3°51 | 7°40 | 6°51 | T 23 |
| F 24 | 20 7 54 | 1°35'34 | 20°50 | 17°22 | 17°30 | 7°18 | 6° 7 | 21° 3 | 8°28 | 6° 3 | 7° 2 | 3°49 | 3°48 | 7°46 | 6°50 | F 24 |
| S 25 | 20 11 51 | 2°32'49 | 4♑10 | 19°16 | 18°43 | 7°45 | 6°11 | 21° 4 | 8°25 | 6° 5 | 7° 4 | 3°49 | 3°45 | 7°53 | 6°49 | S 25 |
| S 26 | 20 15 48 | 3°30'04 | 17°16 | 21°14 | 19°57 | 8°13 | 6°15 | 21° 5 | 8°23 | 6° 7 | 7° 5 | 3°D49 | 3°42 | 8° 0 | 6°48 | S 26 |
| M27 | 20 19 44 | 4°27'19 | 0♒ 7 | 23°13 | 21°10 | 8°41 | 6°19 | 21° 6 | 8°21 | 6° 9 | 7° 6 | 3°R49 | 3°39 | 8° 6 | 6°48 | M27 |
| T 28 | 20 23 41 | 5°24'35 | 12°45 | 25°15 | 22°24 | 9° 9 | 6°23 | 21° 6 | 8°19 | 6°12 | 7° 8 | 3°49 | 3°35 | 8°13 | 6°47 | T 28 |
| W29 | 20 27 37 | 6°21'51 | 25°10 | 27°18 | 23°37 | 9°38 | 6°28 | 21° 7 | 8°17 | 6°14 | 7° 9 | 3°49 | 3°32 | 8°20 | 6°46 | W29 |
| T 30 | 20 31 34 | 7°19'08 | 7♓23 | 29°22 | 24°51 | 10° 6 | 6°32 | 21° 7 | 8°15 | 6°16 | 7°10 | 3°48 | 3°29 | 8°27 | 6°45 | T 30 |
| F 31 | 20 35 30 | 8♏16'26 | 19♓26 | 1♏28 | 26♋ 4 | 10♏36 | 6♏37 | 21♈ 7 | 8♑13 | 6♏18 | 7♋12 | 3♏48 | 3♏26 | 8♈33 | 6♈43 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n 2 | 16s51 | 1s11 | 18n48 | 4s16 | 22n12 | 0s46 | 11s44 | 0s51 | 12s 9 | 1n13 | 5n42 | 2s23 | 23s23 | 0s19 | 18n38 | 0s18 | 17n31 | 5s43 | 19n14 | 18n58 | 2s 3 | 5n44 | 3n16 |
| T 2 | 22 58 | 13 49 | 2 15 | 18 56 | 4 10 | 22 20 | 0 44 | 11 52 | 0 52 | 12 9 | 1 13 | 5 43 | 2 23 | 23 23 | 0 19 | 18 37 | 0 18 | 17 31 | 5 43 | 19 14 | 18 59 | 2 0 | 5 44 | 3 16 |
| F 3 | 22 53 | 10 14 | 3 12 | 19 4 | 4 3 | 22 27 | 0 42 | 11 59 | 0 54 | 12 9 | 1 13 | 5 44 | 2 23 | 23 23 | 0 19 | 18 37 | 0 18 | 17 31 | 5 43 | 19 14 | 19 0 | 1 58 | 5 44 | 3 16 |
| S 4 | 22 48 | 6 18 | 4 0 | 19 14 | 3 55 | 22 33 | 0 39 | 12 7 | 0 55 | 12 10 | 1 12 | 5 44 | 2 24 | 23 23 | 0 19 | 18 36 | 0 18 | 17 31 | 5 43 | 19 13 | 19 0 | 1 56 | 5 45 | 3 16 |
| S 5 | 22 42 | 2 10 | 4 37 | 19 24 | 3 47 | 22 39 | 0 37 | 12 15 | 0 56 | 12 10 | 1 12 | 5 45 | 2 24 | 23 23 | 0 19 | 18 36 | 0 18 | 17 31 | 5 43 | 19 13 | 19 1 | 1 54 | 5 45 | 3 17 |
| M 6 | 22 36 | 2n 3 | 5 2 | 19 35 | 3 38 | 22 44 | 0 34 | 12 23 | 0 57 | 12 10 | 1 12 | 5 46 | 2 24 | 23 24 | 0 19 | 18 35 | 0 18 | 17 31 | 5 43 | 19 13 | 19 2 | 1 51 | 5 45 | 3 17 |
| T 7 | 22 30 | 6 13 | 5 14 | 19 47 | 3 28 | 22 49 | 0 32 | 12 32 | 0 58 | 12 11 | 1 12 | 5 47 | 2 24 | 23 24 | 0 19 | 18 35 | 0 18 | 17 31 | 5 43 | 19 13 | 19 3 | 1 49 | 5 45 | 3 17 |
| W 8 | 22 23 | 10 11 | 5 13 | 20 0 | 3 18 | 22 53 | 0 29 | 12 40 | 1 0 | 12 11 | 1 11 | 5 47 | 2 25 | 23 24 | 0 19 | 18 34 | 0 18 | 17 31 | 5 42 | 19 13 | 19 3 | 1 47 | 5 45 | 3 17 |
| T 9 | 22 16 | 13 48 | 4 57 | 20 13 | 3 7 | 22 56 | 0 27 | 12 49 | 1 1 | 12 12 | 1 11 | 5 48 | 2 25 | 23 24 | 0 19 | 18 34 | 0 18 | 17 31 | 5 42 | 19 14 | 19 4 | 1 45 | 5 46 | 3 17 |
| F 10 | 22 9 | 16 54 | 4 27 | 20 26 | 2 55 | 22 59 | 0 24 | 12 57 | 1 2 | 12 13 | 1 11 | 5 49 | 2 25 | 23 24 | 0 19 | 18 33 | 0 18 | 17 31 | 5 42 | 19 14 | 19 5 | 1 42 | 5 46 | 3 17 |
| S 11 | 22 1 | 19 14 | 3 43 | 20 39 | 2 43 | 23 1 | 0 22 | 13 6 | 1 3 | 12 13 | 1 11 | 5 49 | 2 25 | 23 24 | 0 19 | 18 33 | 0 18 | 17 31 | 5 42 | 19 15 | 19 6 | 1 40 | 5 46 | 3 17 |
| S 12 | 21 53 | 20 36 | 2 45 | 20 52 | 2 31 | 23 2 | 0 19 | 13 15 | 1 4 | 12 14 | 1 10 | 5 50 | 2 26 | 23 25 | 0 20 | 18 32 | 0 18 | 17 31 | 5 42 | 19 15 | 19 6 | 1 38 | 5 46 | 3 17 |
| M13 | 21 44 | 20 50 | 1 38 | 21 4 | 2 19 | 23 3 | 0 17 | 13 23 | 1 5 | 12 15 | 1 10 | 5 50 | 2 26 | 23 25 | 0 20 | 18 32 | 0 18 | 17 31 | 5 42 | 19 16 | 19 7 | 1 36 | 5 46 | 3 17 |
| T 14 | 21 35 | 19 48 | 0 23 | 21 17 | 2 6 | 23 3 | 0 14 | 13 32 | 1 6 | 12 16 | 1 10 | 5 51 | 2 26 | 23 25 | 0 20 | 18 31 | 0 18 | 17 31 | 5 42 | 19 16 | 19 8 | 1 33 | 5 46 | 3 18 |
| W15 | 21 26 | 17 32 | 0n55 | 21 29 | 1 53 | 23 2 | 0 12 | 13 42 | 1 7 | 12 17 | 1 9 | 5 51 | 2 26 | 23 25 | 0 20 | 18 31 | 0 18 | 17 31 | 5 42 | 19 16 | 19 9 | 1 31 | 5 46 | 3 18 |
| T 16 | 21 16 | 14 9 | 2 11 | 21 40 | 1 40 | 23 0 | 0 9 | 13 51 | 1 8 | 12 18 | 1 9 | 5 52 | 2 27 | 23 25 | 0 20 | 18 30 | 0 18 | 17 31 | 5 42 | 19 15 | 19 9 | 1 29 | 5 46 | 3 18 |
| F 17 | 21 6 | 9 56 | 3 18 | 21 50 | 1 26 | 22 58 | 0 7 | 14 0 | 1 9 | 12 19 | 1 9 | 5 52 | 2 27 | 23 25 | 0 20 | 18 30 | 0 18 | 17 31 | 5 42 | 19 15 | 19 10 | 1 26 | 5 46 | 3 18 |
| S 18 | 20 55 | 5 8 | 4 13 | 21 59 | 1 13 | 22 56 | 0 4 | 14 9 | 1 10 | 12 20 | 1 9 | 5 52 | 2 27 | 23 26 | 0 20 | 18 29 | 0 18 | 17 30 | 5 42 | 19 15 | 19 11 | 1 24 | 5 46 | 3 18 |
| S 19 | 20 45 | 0 5 | 4 53 | 22 6 | 1 0 | 22 52 | 0 2 | 14 19 | 1 11 | 12 21 | 1 8 | 5 53 | 2 28 | 23 26 | 0 20 | 18 29 | 0 18 | 17 30 | 5 42 | 19 15 | 19 12 | 1 22 | 5 46 | 3 18 |
| M20 | 20 34 | 4s57 | 5 14 | 22 13 | 0 47 | 22 48 | 0n 1 | 14 28 | 1 12 | 12 23 | 1 8 | 5 53 | 2 28 | 23 26 | 0 20 | 18 28 | 0 18 | 17 30 | 5 42 | 19 15 | 19 12 | 1 20 | 5 46 | 3 18 |
| T 21 | 20 22 | 9 39 | 5 15 | 22 17 | 0 34 | 22 43 | 0 3 | 14 38 | 1 13 | 12 24 | 1 8 | 5 53 | 2 28 | 23 26 | 0 20 | 18 28 | 0 18 | 17 30 | 5 42 | 19 15 | 19 13 | 1 17 | 5 45 | 3 18 |
| W22 | 20 10 | 13 47 | 4 58 | 22 20 | 0 21 | 22 38 | 0 6 | 14 47 | 1 14 | 12 25 | 1 8 | 5 53 | 2 28 | 23 26 | 0 20 | 18 27 | 0 18 | 17 30 | 5 42 | 19 15 | 19 14 | 1 15 | 5 45 | 3 18 |
| T 23 | 19 58 | 17 7 | 4 25 | 22 20 | 0 9 | 22 32 | 0 8 | 14 57 | 1 15 | 12 27 | 1 7 | 5 54 | 2 29 | 23 26 | 0 20 | 18 27 | 0 18 | 17 30 | 5 42 | 19 15 | 19 15 | 1 13 | 5 45 | 3 19 |
| F 24 | 19 46 | 19 28 | 3 36 | 22 19 | 0n 3 | 22 25 | 0 11 | 15 6 | 1 16 | 12 28 | 1 7 | 5 54 | 2 29 | 23 26 | 0 20 | 18 26 | 0 18 | 17 30 | 5 42 | 19 15 | 19 15 | 1 11 | 5 45 | 3 19 |
| S 25 | 19 33 | 20 42 | 2 37 | 22 15 | 0 15 | 22 18 | 0 13 | 15 16 | 1 16 | 12 30 | 1 7 | 5 54 | 2 29 | 23 27 | 0 20 | 18 25 | 0 18 | 17 30 | 5 42 | 19 15 | 19 16 | 1 8 | 5 45 | 3 19 |
| S 26 | 19 20 | 20 47 | 1 31 | 22 8 | 0 26 | 22 10 | 0 16 | 15 26 | 1 17 | 12 31 | 1 7 | 5 54 | 2 30 | 23 27 | 0 20 | 18 25 | 0 18 | 17 30 | 5 42 | 19 15 | 19 17 | 1 6 | 5 44 | 3 19 |
| M27 | 19 6 | 19 45 | 0 20 | 21 59 | 0 36 | 22 1 | 0 18 | 15 36 | 1 18 | 12 33 | 1 6 | 5 54 | 2 30 | 23 27 | 0 20 | 18 24 | 0 18 | 17 30 | 5 42 | 19 15 | 19 18 | 1 4 | 5 44 | 3 19 |
| T 28 | 18 52 | 17 44 | 0s49 | 21 48 | 0 46 | 21 52 | 0 21 | 15 45 | 1 19 | 12 35 | 1 6 | 5 54 | 2 30 | 23 27 | 0 20 | 18 24 | 0 18 | 17 30 | 5 42 | 19 15 | 19 18 | 1 1 | 5 44 | 3 19 |
| W29 | 18 38 | 14 55 | 1 56 | 21 33 | 0 55 | 21 42 | 0 23 | 15 55 | 1 20 | 12 36 | 1 6 | 5 54 | 2 30 | 23 27 | 0 20 | 18 23 | 0 18 | 17 30 | 5 42 | 19 15 | 19 19 | 0 59 | 5 44 | 3 19 |
| T 30 | 18 24 | 11 30 | 2 56 | 21 17 | 1 4 | 21 31 | 0 25 | 16 5 | 1 20 | 12 38 | 1 6 | 5 53 | 2 31 | 23 27 | 0 20 | 18 23 | 0 18 | 17 30 | 5 42 | 19 15 | 19 20 | 0 57 | 5 43 | 3 19 |
| F 31 | 18n 9 | 7s39 | 3s47 | 20n57 | 1n12 | 21n20 | 0n28 | 16s15 | 1s21 | 12s40 | 1n 5 | 5n53 | 2s31 | 23s27 | 0s20 | 18n22 | 0s18 | 17n30 | 5s42 | 19n16 | 19n21 | 0s55 | 5n43 | 3n19 |

Julian Day Number = 2601110.5, Delta T = 09m06s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'55, Lahiri = 29°34'56


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## AUGUST 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 39 27 | 9♌13'44 | 1♈22 | 3♌34 | 27♋18 | 11♏ 5 | 6♏42 | 21♈ 7 | 8°R11 | 6♌20 | 7♋13 | 3°R47 | 3♌23 | 8♈40 | 6°R42 | S 1 |
| S 2 | 20 43 23 | 10°11'03 | 13°15 | 5°41 | 28°31 | 11°35 | 6°47 | 21°R 7 | 8♉ 9 | 6°23 | 7°14 | 3♌46 | 3°19 | 8°47 | 6♈41 | S 2 |
| M 3 | 20 47 20 | 11° 8'23 | 25° 8 | 7°48 | 29°45 | 12° 5 | 6°53 | 21° 7 | 8° 7 | 6°25 | 7°15 | 3°46 | 3°16 | 8°53 | 6°40 | M 3 |
| T 4 | 20 51 17 | 12° 5'44 | 7♉ 5 | 9°55 | 0♌59 | 12°35 | 6°58 | 21° 7 | 8° 5 | 6°27 | 7°17 | 3°D46 | 3°13 | 9° 0 | 6°38 | T 4 |
| W 5 | 20 55 13 | 13° 3'07 | 19°10 | 12° 1 | 2°12 | 13° 6 | 7° 4 | 21° 7 | 8° 3 | 6°29 | 7°18 | 3°46 | 3°10 | 9° 7 | 6°37 | W 5 |
| T 6 | 20 59 10 | 14° 0'30 | 1♊29 | 14° 7 | 3°26 | 13°36 | 7° 9 | 21° 7 | 8° 1 | 6°31 | 7°19 | 3°46 | 3° 7 | 9°13 | 6°36 | T 6 |
| F 7 | 21 3 6 | 14°57'54 | 14° 6 | 16°12 | 4°40 | 14° 8 | 7°15 | 21° 6 | 8° 0 | 6°34 | 7°20 | 3°47 | 3° 4 | 9°20 | 6°34 | F 7 |
| S 8 | 21 7 3 | 15°55'19 | 27° 3 | 18°16 | 5°54 | 14°39 | 7°21 | 21° 6 | 7°58 | 6°36 | 7°21 | 3°48 | 3° 0 | 9°27 | 6°33 | S 8 |
| S 9 | 21 10 59 | 16°52'46 | 10♋24 | 20°19 | 7° 7 | 15°10 | 7°27 | 21° 5 | 7°56 | 6°38 | 7°23 | 3°49 | 2°57 | 9°34 | 6°31 | S 9 |
| M10 | 21 14 56 | 17°50'13 | 24° 9 | 22°20 | 8°21 | 15°42 | 7°34 | 21° 4 | 7°55 | 6°40 | 7°24 | 3°50 | 2°54 | 9°40 | 6°30 | M10 |
| T 11 | 21 18 52 | 18°47'41 | 8♌17 | 24°21 | 9°35 | 16°14 | 7°40 | 21° 3 | 7°53 | 6°42 | 7°25 | 3°R50 | 2°51 | 9°47 | 6°28 | T 11 |
| W12 | 21 22 49 | 19°45'11 | 22°45 | 26°20 | 10°49 | 16°47 | 7°47 | 21° 2 | 7°51 | 6°45 | 7°26 | 3°49 | 2°48 | 9°54 | 6°26 | W12 |
| T 13 | 21 26 46 | 20°42'41 | 7♍26 | 28°17 | 12° 3 | 17°19 | 7°53 | 21° 1 | 7°50 | 6°47 | 7°27 | 3°48 | 2°45 | 10° 0 | 6°25 | T 13 |
| F 14 | 21 30 42 | 21°40'12 | 22°15 | 0♍13 | 13°17 | 17°52 | 8° 0 | 21° 0 | 7°48 | 6°49 | 7°28 | 3°46 | 2°41 | 10° 7 | 6°23 | F 14 |
| S 15 | 21 34 39 | 22°37'44 | 7♎ 3 | 2° 8 | 14°30 | 18°25 | 8° 7 | 20°59 | 7°47 | 6°51 | 7°29 | 3°43 | 2°38 | 10°14 | 6°21 | S 15 |
| S 16 | 21 38 35 | 23°35'17 | 21°43 | 4° 1 | 15°44 | 18°59 | 8°14 | 20°57 | 7°45 | 6°53 | 7°30 | 3°41 | 2°35 | 10°21 | 6°19 | S 16 |
| M17 | 21 42 32 | 24°32'51 | 6♏10 | 5°53 | 16°58 | 19°32 | 8°22 | 20°56 | 7°44 | 6°55 | 7°31 | 3°39 | 2°32 | 10°27 | 6°17 | M17 |
| T 18 | 21 46 28 | 25°30'25 | 20°20 | 7°43 | 18°12 | 20° 6 | 8°29 | 20°54 | 7°42 | 6°58 | 7°32 | 3°D38 | 2°29 | 10°34 | 6°15 | T 18 |
| W19 | 21 50 25 | 26°28'00 | 4♐12 | 9°31 | 19°26 | 20°40 | 8°37 | 20°53 | 7°41 | 7° 0 | 7°33 | 3°39 | 2°25 | 10°41 | 6°13 | W19 |
| T 20 | 21 54 21 | 27°25'37 | 17°45 | 11°18 | 20°40 | 21°14 | 8°44 | 20°51 | 7°40 | 7° 2 | 7°34 | 3°40 | 2°22 | 10°47 | 6°11 | T 20 |
| F 21 | 21 58 18 | 28°23'14 | 0♑59 | 13° 4 | 21°54 | 21°49 | 8°52 | 20°49 | 7°38 | 7° 4 | 7°35 | 3°41 | 2°19 | 10°54 | 6° 9 | F 21 |
| S 22 | 22 2 15 | 29°20'52 | 13°58 | 14°48 | 23° 8 | 22°23 | 9° 0 | 20°47 | 7°37 | 7° 6 | 7°36 | 3°42 | 2°16 | 11° 1 | 6° 7 | S 22 |
| S 23 | 22 6 11 | 0♍18'31 | 26°43 | 16°30 | 24°23 | 22°58 | 9° 8 | 20°45 | 7°36 | 7° 8 | 7°37 | 3°44 | 2°13 | 11° 8 | 6° 5 | S 23 |
| M24 | 22 10 8 | 1°16'11 | 9♒15 | 18°11 | 25°37 | 23°33 | 9°16 | 20°43 | 7°35 | 7°10 | 7°38 | 3°R44 | 2°10 | 11°14 | 6° 3 | M24 |
| T 25 | 22 14 4 | 2°13'53 | 21°36 | 19°51 | 26°51 | 24° 8 | 9°24 | 20°41 | 7°34 | 7°12 | 7°39 | 3°42 | 2° 6 | 11°21 | 6° 0 | T 25 |
| W26 | 22 18 1 | 3°11'35 | 3♓48 | 21°29 | 28° 5 | 24°43 | 9°33 | 20°38 | 7°33 | 7°14 | 7°40 | 3°40 | 2° 3 | 11°28 | 5°58 | W26 |
| T 27 | 22 21 57 | 4° 9'19 | 15°53 | 23° 6 | 29°19 | 25°19 | 9°41 | 20°36 | 7°32 | 7°16 | 7°41 | 3°36 | 2° 0 | 11°34 | 5°56 | T 27 |
| F 28 | 22 25 54 | 5° 7'04 | 27°51 | 24°41 | 0♍33 | 25°55 | 9°50 | 20°34 | 7°31 | 7°18 | 7°42 | 3°30 | 1°57 | 11°41 | 5°54 | F 28 |
| S 29 | 22 29 50 | 6° 4'51 | 9♈45 | 26°15 | 1°47 | 26°31 | 9°58 | 20°31 | 7°30 | 7°20 | 7°43 | 3°25 | 1°54 | 11°48 | 5°51 | S 29 |
| S 30 | 22 33 47 | 7° 2'39 | 21°36 | 27°48 | 3° 2 | 27° 7 | 10° 7 | 20°28 | 7°29 | 7°22 | 7°44 | 3°19 | 1°50 | 11°55 | 5°49 | S 30 |
| M31 | 22 37 44 | 8♍ 0'29 | 3♉28 | 29♍19 | 4♍16 | 27♏43 | 10♏16 | 20♈25 | 7♉28 | 7♌24 | 7♋44 | 3♌14 | 1♌47 | 12♈ 1 | 5♈46 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n54 | 3s33 | 4s28 | 20n35 | 1n19 | 21n 8 | 0n30 | 16s25 | 1s22 | 12s42 | 1n 5 | 5n53 | 2s31 | 23s27 | 0s20 | 18n22 | 0s18 | 17n29 | 5s42 | 19n16 | 19n21 | 0s52 | 5n42 | 3n19 |
| S 2 | 17 39 | 0n40 | 4 57 | 20 11 | 1 25 | 20 56 | 0 32 | 16 35 | 1 23 | 12 44 | 1 5 | 5 53 | 2 31 | 23 28 | 0 20 | 18 21 | 0 18 | 17 29 | 5 42 | 19 16 | 19 22 | 0 50 | 5 42 | 3 19 |
| M 3 | 17 24 | 4 50 | 5 13 | 19 44 | 1 30 | 20 43 | 0 34 | 16 45 | 1 23 | 12 46 | 1 5 | 5 53 | 2 32 | 23 28 | 0 20 | 18 21 | 0 18 | 17 29 | 5 42 | 19 16 | 19 23 | 0 48 | 5 42 | 3 20 |
| T 4 | 17 8 | 8 51 | 5 16 | 19 15 | 1 35 | 20 29 | 0 36 | 16 55 | 1 24 | 12 48 | 1 4 | 5 52 | 2 32 | 23 28 | 0 20 | 18 20 | 0 18 | 17 29 | 5 42 | 19 16 | 19 24 | 0 46 | 5 41 | 3 20 |
| W 5 | 16 52 | 12 34 | 5 5 | 18 44 | 1 38 | 20 15 | 0 39 | 17 5 | 1 25 | 12 50 | 1 4 | 5 52 | 2 32 | 23 28 | 0 20 | 18 20 | 0 18 | 17 29 | 5 42 | 19 16 | 19 24 | 0 43 | 5 41 | 3 20 |
| T 6 | 16 35 | 15 50 | 4 40 | 18 10 | 1 41 | 20 0 | 0 41 | 17 15 | 1 25 | 12 52 | 1 4 | 5 52 | 2 33 | 23 28 | 0 20 | 18 19 | 0 18 | 17 29 | 5 42 | 19 16 | 19 25 | 0 41 | 5 40 | 3 20 |
| F 7 | 16 19 | 18 26 | 4 2 | 17 36 | 1 44 | 19 45 | 0 43 | 17 25 | 1 26 | 12 54 | 1 4 | 5 51 | 2 33 | 23 28 | 0 20 | 18 18 | 0 18 | 17 29 | 5 43 | 19 16 | 19 26 | 0 39 | 5 40 | 3 20 |
| S 8 | 16 2 | 20 11 | 3 10 | 16 59 | 1 45 | 19 29 | 0 45 | 17 34 | 1 27 | 12 56 | 1 3 | 5 51 | 2 33 | 23 28 | 0 20 | 18 18 | 0 18 | 17 29 | 5 43 | 19 16 | 19 26 | 0 36 | 5 39 | 3 20 |
| S 9 | 15 44 | 20 53 | 2 6 | 16 21 | 1 46 | 19 12 | 0 47 | 17 44 | 1 27 | 12 58 | 1 3 | 5 50 | 2 33 | 23 28 | 0 20 | 18 17 | 0 18 | 17 29 | 5 43 | 19 15 | 19 27 | 0 34 | 5 39 | 3 20 |
| M10 | 15 27 | 20 22 | 0 53 | 15 42 | 1 46 | 18 55 | 0 49 | 17 54 | 1 28 | 13 0 | 1 3 | 5 50 | 2 34 | 23 28 | 0 20 | 18 17 | 0 18 | 17 29 | 5 43 | 19 15 | 19 28 | 0 32 | 5 38 | 3 20 |
| T 11 | 15 9 | 18 33 | 0n25 | 15 2 | 1 45 | 18 38 | 0 51 | 18 4 | 1 28 | 13 3 | 1 3 | 5 49 | 2 34 | 23 29 | 0 20 | 18 16 | 0 17 | 17 29 | 5 43 | 19 15 | 19 29 | 0 29 | 5 38 | 3 20 |
| W12 | 14 52 | 15 31 | 1 43 | 14 20 | 1 44 | 18 20 | 0 53 | 18 14 | 1 29 | 13 5 | 1 3 | 5 48 | 2 34 | 23 29 | 0 20 | 18 16 | 0 17 | 17 28 | 5 43 | 19 15 | 19 29 | 0 27 | 5 37 | 3 20 |
| T 13 | 14 33 | 11 28 | 2 55 | 13 38 | 1 42 | 18 1 | 0 55 | 18 24 | 1 30 | 13 8 | 1 2 | 5 48 | 2 34 | 23 29 | 0 20 | 18 15 | 0 17 | 17 28 | 5 43 | 19 16 | 19 30 | 0 25 | 5 36 | 3 20 |
| F 14 | 14 15 | 6 41 | 3 56 | 12 55 | 1 40 | 17 42 | 0 56 | 18 34 | 1 30 | 13 10 | 1 2 | 5 47 | 2 35 | 23 29 | 0 20 | 18 15 | 0 17 | 17 28 | 5 43 | 19 16 | 19 31 | 0 23 | 5 36 | 3 20 |
| S 15 | 13 56 | 1 31 | 4 42 | 12 12 | 1 37 | 17 22 | 0 58 | 18 43 | 1 31 | 13 12 | 1 2 | 5 46 | 2 35 | 23 29 | 0 20 | 18 14 | 0 17 | 17 28 | 5 43 | 19 17 | 19 32 | 0 20 | 5 35 | 3 20 |
| S 16 | 13 38 | 3s41 | 5 8 | 11 28 | 1 33 | 17 2 | 1 0 | 18 53 | 1 31 | 13 15 | 1 2 | 5 46 | 2 35 | 23 29 | 0 20 | 18 14 | 0 17 | 17 28 | 5 43 | 19 17 | 19 32 | 0 18 | 5 34 | 3 21 |
| M17 | 13 19 | 8 36 | 5 15 | 10 43 | 1 29 | 16 41 | 1 2 | 19 3 | 1 32 | 13 17 | 1 1 | 5 45 | 2 35 | 23 29 | 0 20 | 18 13 | 0 17 | 17 28 | 5 43 | 19 17 | 19 33 | 0 16 | 5 34 | 3 21 |
| T 18 | 12 59 | 12 56 | 5 2 | 9 58 | 1 25 | 16 20 | 1 3 | 19 12 | 1 32 | 13 20 | 1 1 | 5 44 | 2 36 | 23 29 | 0 20 | 18 13 | 0 17 | 17 28 | 5 43 | 19 18 | 19 34 | 0 13 | 5 33 | 3 21 |
| W19 | 12 40 | 16 29 | 4 31 | 9 13 | 1 20 | 15 59 | 1 5 | 19 22 | 1 33 | 13 23 | 1 1 | 5 43 | 2 36 | 23 29 | 0 20 | 18 12 | 0 17 | 17 28 | 5 43 | 19 18 | 19 34 | 0 11 | 5 32 | 3 21 |
| T 20 | 12 20 | 19 4 | 3 46 | 8 28 | 1 15 | 15 37 | 1 6 | 19 31 | 1 33 | 13 25 | 1 1 | 5 42 | 2 36 | 23 29 | 0 20 | 18 11 | 0 17 | 17 28 | 5 43 | 19 17 | 19 35 | 0 9 | 5 31 | 3 21 |
| F 21 | 12 0 | 20 33 | 2 50 | 7 42 | 1 9 | 15 14 | 1 8 | 19 41 | 1 34 | 13 28 | 1 1 | 5 41 | 2 36 | 23 29 | 0 20 | 18 11 | 0 17 | 17 28 | 5 43 | 19 17 | 19 36 | 0 6 | 5 31 | 3 21 |
| S 22 | 11 40 | 20 53 | 1 46 | 6 57 | 1 3 | 14 52 | 1 9 | 19 50 | 1 34 | 13 31 | 1 0 | 5 40 | 2 37 | 23 29 | 0 20 | 18 10 | 0 17 | 17 27 | 5 43 | 19 17 | 19 37 | 0 4 | 5 30 | 3 21 |
| S 23 | 11 20 | 20 8 | 0 38 | 6 11 | 0 57 | 14 28 | 1 10 | 20 0 | 1 34 | 13 33 | 1 0 | 5 39 | 2 37 | 23 29 | 0 19 | 18 10 | 0 17 | 17 27 | 5 43 | 19 17 | 19 37 | 0 2 | 5 29 | 3 21 |
| M24 | 11 0 | 18 23 | 0s30 | 5 26 | 0 51 | 14 5 | 1 12 | 20 9 | 1 35 | 13 36 | 1 0 | 5 38 | 2 37 | 23 30 | 0 19 | 18 9 | 0 17 | 17 27 | 5 43 | 19 17 | 19 38 | 0n 1 | 5 28 | 3 21 |
| T 25 | 10 39 | 15 48 | 1 36 | 4 41 | 0 44 | 13 41 | 1 13 | 20 18 | 1 35 | 13 39 | 1 0 | 5 37 | 2 37 | 23 30 | 0 19 | 18 9 | 0 17 | 17 27 | 5 43 | 19 17 | 19 39 | 0 3 | 5 27 | 3 21 |
| W26 | 10 19 | 12 32 | 2 37 | 3 56 | 0 37 | 13 16 | 1 14 | 20 27 | 1 36 | 13 42 | 1 0 | 5 36 | 2 38 | 23 30 | 0 19 | 18 8 | 0 17 | 17 27 | 5 43 | 19 17 | 19 39 | 0 5 | 5 27 | 3 21 |
| T 27 | 9 58 | 8 47 | 3 30 | 3 11 | 0 29 | 12 52 | 1 15 | 20 36 | 1 36 | 13 45 | 0 59 | 5 35 | 2 38 | 23 30 | 0 19 | 18 8 | 0 17 | 17 27 | 5 43 | 19 18 | 19 40 | 0 7 | 5 26 | 3 21 |
| F 28 | 9 37 | 4 44 | 4 13 | 2 26 | 0 22 | 12 26 | 1 16 | 20 45 | 1 36 | 13 48 | 0 59 | 5 34 | 2 38 | 23 30 | 0 19 | 18 7 | 0 17 | 17 27 | 5 43 | 19 20 | 19 41 | 0 10 | 5 25 | 3 21 |
| S 29 | 9 16 | 0 31 | 4 45 | 1 42 | 0 14 | 12 1 | 1 17 | 20 54 | 1 37 | 13 50 | 0 59 | 5 33 | 2 38 | 23 30 | 0 19 | 18 7 | 0 17 | 17 27 | 5 44 | 19 21 | 19 42 | 0 12 | 5 24 | 3 21 |
| S 30 | 8 54 | 3n41 | 5 5 | 0 58 | 0 6 | 11 35 | 1 18 | 21 3 | 1 37 | 13 53 | 0 59 | 5 32 | 2 39 | 23 30 | 0 19 | 18 6 | 0 17 | 17 27 | 5 44 | 19 22 | 19 42 | 0 14 | 5 23 | 3 21 |
| M31 | 8n33 | 7n46 | 5s11 | 0n15 | 0s 2 | 11n 9 | 1n19 | 21s11 | 1s37 | 13s56 | 0n59 | 5n30 | 2s39 | 23s30 | 0s19 | 18n 6 | 0s17 | 17n26 | 5s44 | 19n23 | 19n43 | 0n17 | 5n22 | 3n21 |

Julian Day Number = 2601141.5, Delta T = 09m06s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°27'59, Lahiri = 29°35'01


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## SEPTEMBER 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 41 40 | 8♍58'21 | 15♉25 | 0♎49 | 5♍30 | 28♏20 | 10♏25 | 20°R23 | 7°R28 | 7♏26 | 7♋45 | 3°R10 | 1♏44 | 12♈ 8 | 5°R44 | T 1 |
| W 2 | 22 45 37 | 9°56'14 | 27°28 | 2°17 | 6°44 | 28°56 | 10°34 | 20♈20 | 7♑27 | 7°28 | 7°46 | 3♏ 7 | 1°41 | 12°15 | 5♈42 | W 2 |
| T 3 | 22 49 33 | 10°54'09 | 9♊44 | 3°44 | 7°59 | 29°33 | 10°44 | 20°17 | 7°26 | 7°30 | 7°47 | 3°D 7 | 1°38 | 12°21 | 5°39 | T 3 |
| F 4 | 22 53 30 | 11°52'06 | 22°17 | 5° 9 | 9°13 | 0♐10 | 10°53 | 20°14 | 7°26 | 7°32 | 7°47 | 3° 7 | 1°35 | 12°28 | 5°37 | F 4 |
| S 5 | 22 57 26 | 12°50'05 | 5♋10 | 6°33 | 10°27 | 0°47 | 11° 2 | 20°10 | 7°25 | 7°34 | 7°48 | 3° 8 | 1°31 | 12°35 | 5°34 | S 5 |
| S 6 | 23 1 23 | 13°48'06 | 18°28 | 7°56 | 11°42 | 1°25 | 11°12 | 20° 7 | 7°24 | 7°36 | 7°49 | 3°10 | 1°28 | 12°42 | 5°31 | S 6 |
| M 7 | 23 5 19 | 14°46'09 | 2♌13 | 9°17 | 12°56 | 2° 2 | 11°22 | 20° 4 | 7°24 | 7°38 | 7°50 | 3°R10 | 1°25 | 12°48 | 5°29 | M 7 |
| T 8 | 23 9 16 | 15°44'13 | 16°26 | 10°36 | 14°11 | 2°40 | 11°31 | 20° 0 | 7°24 | 7°40 | 7°50 | 3°10 | 1°22 | 12°55 | 5°26 | T 8 |
| W 9 | 23 13 13 | 16°42'19 | 1♍ 4 | 11°54 | 15°25 | 3°18 | 11°41 | 19°57 | 7°23 | 7°41 | 7°51 | 3° 7 | 1°19 | 13° 2 | 5°24 | W 9 |
| T 10 | 23 17 9 | 17°40'27 | 16° 2 | 13°10 | 16°40 | 3°56 | 11°51 | 19°53 | 7°23 | 7°43 | 7°52 | 3° 3 | 1°16 | 13° 8 | 5°21 | T 10 |
| F 11 | 23 21 6 | 18°38'36 | 1♎11 | 14°24 | 17°54 | 4°34 | 12° 1 | 19°50 | 7°23 | 7°45 | 7°52 | 2°56 | 1°12 | 13°15 | 5°18 | F 11 |
| S 12 | 23 25 2 | 19°36'47 | 16°21 | 15°37 | 19° 9 | 5°12 | 12°11 | 19°46 | 7°22 | 7°47 | 7°53 | 2°49 | 1° 9 | 13°22 | 5°15 | S 12 |
| S 13 | 23 28 59 | 20°35'00 | 1♏23 | 16°48 | 20°23 | 5°51 | 12°22 | 19°42 | 7°22 | 7°49 | 7°53 | 2°43 | 1° 6 | 13°29 | 5°13 | S 13 |
| M14 | 23 32 55 | 21°33'14 | 16° 7 | 17°56 | 21°38 | 6°30 | 12°32 | 19°39 | 7°22 | 7°50 | 7°54 | 2°37 | 1° 3 | 13°35 | 5°10 | M14 |
| T 15 | 23 36 52 | 22°31'29 | 0♐28 | 19° 3 | 22°52 | 7° 8 | 12°42 | 19°35 | 7°22 | 7°52 | 7°54 | 2°33 | 1° 0 | 13°42 | 5° 7 | T 15 |
| W16 | 23 40 48 | 23°29'46 | 14°23 | 20° 8 | 24° 7 | 7°47 | 12°53 | 19°31 | 7°D22 | 7°54 | 7°55 | 2°31 | 0°56 | 13°49 | 5° 4 | W16 |
| T 17 | 23 44 45 | 24°28'05 | 27°53 | 21°10 | 25°21 | 8°26 | 13° 4 | 19°27 | 7°22 | 7°55 | 7°55 | 2°D30 | 0°53 | 13°55 | 5° 2 | T 17 |
| F 18 | 23 48 42 | 25°26'25 | 11♑ 0 | 22°10 | 26°36 | 9° 6 | 13°14 | 19°23 | 7°22 | 7°57 | 7°56 | 2°31 | 0°50 | 14° 2 | 4°59 | F 18 |
| S 19 | 23 52 38 | 26°24'47 | 23°47 | 23° 7 | 27°50 | 9°45 | 13°25 | 19°19 | 7°22 | 7°59 | 7°56 | 2°32 | 0°47 | 14° 9 | 4°56 | S 19 |
| S 20 | 23 56 35 | 27°23'10 | 6♒17 | 24° 1 | 29° 5 | 10°25 | 13°36 | 19°14 | 7°22 | 8° 0 | 7°57 | 2°R32 | 0°44 | 14°16 | 4°53 | S 20 |
| M21 | 0 0 31 | 28°21'35 | 18°35 | 24°53 | 0♎19 | 11° 4 | 13°47 | 19°10 | 7°23 | 8° 2 | 7°57 | 2°31 | 0°41 | 14°22 | 4°50 | M21 |
| T 22 | 0 4 28 | 29°20'01 | 0♓44 | 25°41 | 1°34 | 11°44 | 13°58 | 19° 6 | 7°23 | 8° 3 | 7°57 | 2°27 | 0°37 | 14°29 | 4°48 | T 22 |
| W23 | 0 8 24 | 0♎18'29 | 12°45 | 26°26 | 2°49 | 12°24 | 14° 9 | 19° 2 | 7°23 | 8° 5 | 7°58 | 2°21 | 0°34 | 14°36 | 4°45 | W23 |
| T 24 | 0 12 21 | 1°16'59 | 24°42 | 27° 7 | 4° 3 | 13° 4 | 14°20 | 18°57 | 7°24 | 8° 6 | 7°58 | 2°12 | 0°31 | 14°42 | 4°42 | T 24 |
| F 25 | 0 16 17 | 2°15'31 | 6♈36 | 27°44 | 5°18 | 13°44 | 14°31 | 18°53 | 7°24 | 8° 8 | 7°58 | 2° 2 | 0°28 | 14°49 | 4°39 | F 25 |
| S 26 | 0 20 14 | 3°14'05 | 18°28 | 28°16 | 6°33 | 14°25 | 14°42 | 18°49 | 7°25 | 8° 9 | 7°59 | 1°50 | 0°25 | 14°56 | 4°36 | S 26 |
| S 27 | 0 24 10 | 4°12'40 | 0♉21 | 28°45 | 7°47 | 15° 5 | 14°54 | 18°44 | 7°25 | 8°11 | 7°59 | 1°38 | 0°21 | 15° 3 | 4°33 | S 27 |
| M28 | 0 28 7 | 5°11'18 | 12°15 | 29° 8 | 9° 2 | 15°46 | 15° 5 | 18°40 | 7°26 | 8°12 | 7°59 | 1°27 | 0°18 | 15° 9 | 4°31 | M28 |
| T 29 | 0 32 4 | 6° 9'58 | 24°12 | 29°26 | 10°17 | 16°26 | 15°17 | 18°35 | 7°26 | 8°13 | 7°59 | 1°18 | 0°15 | 15°16 | 4°28 | T 29 |
| W30 | 0 36 0 | 7♎ 8'40 | 6♊17 | 29♎38 | 11♎31 | 17♐ 7 | 15♏28 | 18♈31 | 7♑27 | 8♌15 | 7♋59 | 1♌12 | 0♌12 | 15♈23 | 4♈25 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n11 | 11n34 | 5s 4 | 0s29 | 0s10 | 10n43 | 1n20 | 21s20 | 1s38 | 13s59 | 0n58 | 5n29 | 2s39 | 23s30 | 0s19 | 18n 5 | 0s17 | 17n26 | 5s44 | 19n24 | 19n44 | 0n19 | 5n21 | 3n21 |
| W 2 | 7 50 | 14 57 | 4 44 | 1 11 | 0 18 | 10 16 | 1 21 | 21 28 | 1 38 | 14 2 | 0 58 | 5 28 | 2 39 | 23 30 | 0 19 | 18 5 | 0 17 | 17 26 | 5 44 | 19 25 | 19 44 | 0 21 | 5 20 | 3 21 |
| T 3 | 7 28 | 17 44 | 4 10 | 1 53 | 0 27 | 9 49 | 1 21 | 21 37 | 1 38 | 14 5 | 0 58 | 5 27 | 2 39 | 23 30 | 0 19 | 18 4 | 0 17 | 17 26 | 5 44 | 19 25 | 19 45 | 0 24 | 5 19 | 3 21 |
| F 4 | 7 6 | 19 46 | 3 24 | 2 35 | 0 35 | 9 22 | 1 22 | 21 45 | 1 39 | 14 9 | 0 58 | 5 25 | 2 40 | 23 30 | 0 19 | 18 4 | 0 17 | 17 26 | 5 44 | 19 25 | 19 46 | 0 26 | 5 18 | 3 21 |
| S 5 | 6 44 | 20 51 | 2 26 | 3 16 | 0 44 | 8 54 | 1 23 | 21 53 | 1 39 | 14 12 | 0 58 | 5 24 | 2 40 | 23 30 | 0 19 | 18 3 | 0 17 | 17 26 | 5 44 | 19 25 | 19 47 | 0 28 | 5 17 | 3 21 |
| S 6 | 6 21 | 20 49 | 1 19 | 3 57 | 0 53 | 8 26 | 1 23 | 22 1 | 1 39 | 14 15 | 0 57 | 5 22 | 2 40 | 23 30 | 0 19 | 18 3 | 0 17 | 17 26 | 5 44 | 19 24 | 19 47 | 0 31 | 5 16 | 3 21 |
| M 7 | 5 59 | 19 32 | 0 5 | 4 37 | 1 1 | 7 58 | 1 24 | 22 9 | 1 39 | 14 18 | 0 57 | 5 21 | 2 40 | 23 30 | 0 19 | 18 3 | 0 17 | 17 26 | 5 44 | 19 24 | 19 48 | 0 33 | 5 15 | 3 21 |
| T 8 | 5 37 | 17 0 | 1n11 | 5 16 | 1 10 | 7 30 | 1 24 | 22 17 | 1 40 | 14 21 | 0 57 | 5 20 | 2 40 | 23 30 | 0 19 | 18 2 | 0 17 | 17 26 | 5 44 | 19 24 | 19 49 | 0 35 | 5 14 | 3 21 |
| W 9 | 5 14 | 13 20 | 2 25 | 5 54 | 1 19 | 7 2 | 1 24 | 22 24 | 1 40 | 14 24 | 0 57 | 5 18 | 2 41 | 23 30 | 0 19 | 18 2 | 0 17 | 17 26 | 5 44 | 19 25 | 19 49 | 0 38 | 5 13 | 3 21 |
| T 10 | 4 52 | 8 44 | 3 31 | 6 32 | 1 28 | 6 33 | 1 25 | 22 32 | 1 40 | 14 27 | 0 57 | 5 17 | 2 41 | 23 30 | 0 19 | 18 1 | 0 17 | 17 25 | 5 44 | 19 26 | 19 50 | 0 40 | 5 12 | 3 21 |
| F 11 | 4 29 | 3 32 | 4 22 | 7 9 | 1 36 | 6 4 | 1 25 | 22 39 | 1 40 | 14 31 | 0 57 | 5 15 | 2 41 | 23 30 | 0 19 | 18 1 | 0 17 | 17 25 | 5 44 | 19 27 | 19 51 | 0 42 | 5 11 | 3 21 |
| S 12 | 4 6 | 1s52 | 4 55 | 7 45 | 1 45 | 5 35 | 1 25 | 22 46 | 1 41 | 14 34 | 0 56 | 5 14 | 2 41 | 23 30 | 0 19 | 18 0 | 0 17 | 17 25 | 5 44 | 19 29 | 19 51 | 0 45 | 5 10 | 3 21 |
| S 13 | 3 43 | 7 7 | 5 7 | 8 20 | 1 54 | 5 6 | 1 25 | 22 53 | 1 41 | 14 37 | 0 56 | 5 12 | 2 41 | 23 30 | 0 19 | 18 0 | 0 17 | 17 25 | 5 45 | 19 31 | 19 52 | 0 47 | 5 9 | 3 21 |
| M14 | 3 21 | 11 50 | 4 59 | 8 55 | 2 2 | 4 37 | 1 25 | 23 0 | 1 41 | 14 40 | 0 56 | 5 10 | 2 42 | 23 30 | 0 19 | 17 59 | 0 17 | 17 25 | 5 45 | 19 32 | 19 53 | 0 49 | 5 7 | 3 21 |
| T 15 | 2 58 | 15 46 | 4 32 | 9 28 | 2 11 | 4 7 | 1 25 | 23 7 | 1 41 | 14 44 | 0 56 | 5 9 | 2 42 | 23 30 | 0 19 | 17 59 | 0 17 | 17 25 | 5 45 | 19 33 | 19 53 | 0 52 | 5 6 | 3 21 |
| W16 | 2 35 | 18 40 | 3 50 | 10 0 | 2 19 | 3 38 | 1 25 | 23 14 | 1 41 | 14 47 | 0 56 | 5 7 | 2 42 | 23 30 | 0 19 | 17 58 | 0 17 | 17 25 | 5 45 | 19 33 | 19 54 | 0 54 | 5 5 | 3 21 |
| T 17 | 2 12 | 20 27 | 2 55 | 10 31 | 2 28 | 3 8 | 1 25 | 23 20 | 1 41 | 14 50 | 0 56 | 5 6 | 2 42 | 23 30 | 0 19 | 17 58 | 0 17 | 17 25 | 5 45 | 19 33 | 19 55 | 0 56 | 5 4 | 3 21 |
| F 18 | 1 48 | 21 3 | 1 53 | 11 1 | 2 36 | 2 38 | 1 24 | 23 26 | 1 42 | 14 54 | 0 55 | 5 4 | 2 42 | 23 30 | 0 19 | 17 58 | 0 17 | 17 25 | 5 45 | 19 33 | 19 56 | 0 59 | 5 3 | 3 21 |
| S 19 | 1 25 | 20 32 | 0 47 | 11 30 | 2 44 | 2 9 | 1 24 | 23 32 | 1 42 | 14 57 | 0 55 | 5 2 | 2 42 | 23 30 | 0 19 | 17 57 | 0 17 | 17 24 | 5 45 | 19 33 | 19 56 | 1 1 | 5 2 | 3 21 |
| S 20 | 1 2 | 18 59 | 0s20 | 11 57 | 2 51 | 1 39 | 1 24 | 23 38 | 1 42 | 15 1 | 0 55 | 5 1 | 2 42 | 23 30 | 0 19 | 17 57 | 0 17 | 17 24 | 5 45 | 19 33 | 19 57 | 1 3 | 5 1 | 3 21 |
| M21 | 0 39 | 16 34 | 1 25 | 12 23 | 2 59 | 1 9 | 1 23 | 23 44 | 1 42 | 15 4 | 0 55 | 4 59 | 2 43 | 23 30 | 0 19 | 17 56 | 0 17 | 17 24 | 5 45 | 19 33 | 19 58 | 1 6 | 4 59 | 3 21 |
| T 22 | 0 16 | 13 27 | 2 25 | 12 47 | 3 6 | 0 38 | 1 23 | 23 50 | 1 42 | 15 7 | 0 55 | 4 57 | 2 43 | 23 30 | 0 19 | 17 56 | 0 17 | 17 24 | 5 45 | 19 34 | 19 58 | 1 8 | 4 58 | 3 21 |
| W23 | 0s 7 | 9 48 | 3 18 | 13 10 | 3 13 | 0 8 | 1 22 | 23 55 | 1 42 | 15 11 | 0 55 | 4 55 | 2 43 | 23 30 | 0 19 | 17 56 | 0 17 | 17 24 | 5 45 | 19 35 | 19 59 | 1 10 | 4 57 | 3 21 |
| T 24 | 0 31 | 5 48 | 4 1 | 13 31 | 3 19 | 0s22 | 1 21 | 24 0 | 1 42 | 15 14 | 0 54 | 4 54 | 2 43 | 23 30 | 0 19 | 17 55 | 0 17 | 17 24 | 5 45 | 19 37 | 20 0 | 1 13 | 4 56 | 3 21 |
| F 25 | 0 54 | 1 35 | 4 34 | 13 50 | 3 25 | 0 52 | 1 21 | 24 5 | 1 42 | 15 18 | 0 54 | 4 52 | 2 43 | 23 30 | 0 19 | 17 55 | 0 17 | 17 24 | 5 45 | 19 40 | 20 0 | 1 15 | 4 55 | 3 20 |
| S 26 | 1 17 | 2n41 | 4 55 | 14 7 | 3 31 | 1 22 | 1 20 | 24 10 | 1 42 | 15 21 | 0 54 | 4 50 | 2 43 | 23 30 | 0 19 | 17 55 | 0 17 | 17 24 | 5 46 | 19 42 | 20 1 | 1 17 | 4 54 | 3 20 |
| S 27 | 1 40 | 6 50 | 5 3 | 14 21 | 3 35 | 1 52 | 1 19 | 24 15 | 1 42 | 15 24 | 0 54 | 4 48 | 2 43 | 23 30 | 0 19 | 17 54 | 0 17 | 17 24 | 5 46 | 19 45 | 20 2 | 1 20 | 4 52 | 3 20 |
| M28 | 2 3 | 10 45 | 4 58 | 14 34 | 3 40 | 2 23 | 1 18 | 24 19 | 1 43 | 15 28 | 0 54 | 4 47 | 2 43 | 23 30 | 0 19 | 17 54 | 0 17 | 17 24 | 5 46 | 19 47 | 20 2 | 1 22 | 4 51 | 3 20 |
| T 29 | 2 27 | 14 16 | 4 39 | 14 43 | 3 43 | 2 53 | 1 17 | 24 24 | 1 43 | 15 31 | 0 54 | 4 45 | 2 43 | 23 30 | 0 19 | 17 53 | 0 17 | 17 23 | 5 46 | 19 49 | 20 3 | 1 25 | 4 50 | 3 20 |
| W30 | 2s50 | 17n14 | 4s 8 | 14s50 | 3s46 | 3s23 | 1n16 | 24s28 | 1s43 | 15s35 | 0n54 | 4n43 | 2s43 | 23s30 | 0s19 | 17n53 | 0s17 | 17n23 | 5s46 | 19n51 | 20n 4 | 1n27 | 4n49 | 3n20 |

Julian Day Number = 2601172.5, Delta T = 09m06s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'03, Lahiri = 29°35'05


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## OCTOBER 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 39 57 | 8♎ 7'24 | 18♊32 | 29°R44 | 12♎46 | 17♐48 | 15♏40 | 18°R26 | 7♑28 | 8♒16 | 8♋ 0 | 1°R 7 | 0♒ 9 | 15♈29 | 4°R22 | T 1 |
| F 2 | 0 43 53 | 9° 6'10 | 1♋ 2 | 29♎43 | 14° 1 | 18°29 | 15°51 | 18♈21 | 7°29 | 8°17 | 8° 0 | 1♒ 6 | 0° 6 | 15°36 | 4♈19 | F 2 |
| S 3 | 0 47 50 | 10° 4'59 | 13°49 | 29°36 | 15°15 | 19°10 | 16° 3 | 18°17 | 7°30 | 8°19 | 8° 0 | 1°D 5 | 0° 2 | 15°43 | 4°16 | S 3 |
| S 4 | 0 51 46 | 11° 3'50 | 27° 0 | 29°21 | 16°30 | 19°52 | 16°15 | 18°12 | 7°30 | 8°20 | 8° 0 | 1°R 6 | 29♋59 | 15°50 | 4°14 | S 4 |
| M 5 | 0 55 43 | 12° 2'43 | 10♒38 | 28°59 | 17°45 | 20°33 | 16°27 | 18° 7 | 7°31 | 8°21 | 8° 0 | 1° 5 | 29°56 | 15°56 | 4°11 | M 5 |
| T 6 | 0 59 39 | 13° 1'39 | 24°44 | 28°30 | 19° 0 | 21°15 | 16°39 | 18° 3 | 7°32 | 8°22 | 8° 0 | 1° 3 | 29°53 | 16° 3 | 4° 8 | T 6 |
| W 7 | 1 3 36 | 14° 0'36 | 9♍17 | 27°52 | 20°14 | 21°56 | 16°51 | 17°58 | 7°33 | 8°23 | 8° 0 | 0°59 | 29°50 | 16°10 | 4° 5 | W 7 |
| T 8 | 1 7 33 | 14°59'36 | 24°15 | 27° 8 | 21°29 | 22°38 | 17° 3 | 17°53 | 7°35 | 8°25 | 8°R 0 | 0°52 | 29°47 | 16°17 | 4° 2 | T 8 |
| F 9 | 1 11 29 | 15°58'38 | 9♎30 | 26°17 | 22°44 | 23°20 | 17°15 | 17°49 | 7°36 | 8°26 | 8° 0 | 0°43 | 29°43 | 16°23 | 4° 0 | F 9 |
| S 10 | 1 15 26 | 16°57'42 | 24°50 | 25°19 | 23°59 | 24° 2 | 17°27 | 17°44 | 7°37 | 8°27 | 8° 0 | 0°32 | 29°40 | 16°30 | 3°57 | S 10 |
| S 11 | 1 19 22 | 17°56'48 | 10♏ 5 | 24°16 | 25°14 | 24°44 | 17°39 | 17°39 | 7°38 | 8°28 | 8° 0 | 0°21 | 29°37 | 16°37 | 3°54 | S 11 |
| M12 | 1 23 19 | 18°55'56 | 25° 4 | 23° 9 | 26°28 | 25°26 | 17°52 | 17°34 | 7°39 | 8°29 | 8° 0 | 0°12 | 29°34 | 16°43 | 3°51 | M12 |
| T 13 | 1 27 15 | 19°55'06 | 9♐38 | 22° 0 | 27°43 | 26° 9 | 18° 4 | 17°30 | 7°41 | 8°30 | 8° 0 | 0° 4 | 29°31 | 16°50 | 3°49 | T 13 |
| W14 | 1 31 12 | 20°54'17 | 23°43 | 20°49 | 28°58 | 26°51 | 18°16 | 17°25 | 7°42 | 8°31 | 8° 0 | 29♋59 | 29°27 | 16°57 | 3°46 | W14 |
| T 15 | 1 35 8 | 21°53'31 | 7♑18 | 19°40 | 0♏13 | 27°34 | 18°29 | 17°20 | 7°44 | 8°32 | 8° 0 | 29°57 | 29°24 | 17° 4 | 3°43 | T 15 |
| F 16 | 1 39 5 | 22°52'46 | 20°27 | 18°34 | 1°28 | 28°16 | 18°41 | 17°16 | 7°45 | 8°32 | 7°59 | 29°57 | 29°21 | 17°10 | 3°41 | F 16 |
| S 17 | 1 43 2 | 23°52'03 | 3♓11 | 17°32 | 2°42 | 28°59 | 18°54 | 17°11 | 7°47 | 8°33 | 7°59 | 29°57 | 29°18 | 17°17 | 3°38 | S 17 |
| S 18 | 1 46 58 | 24°51'21 | 15°36 | 16°38 | 3°57 | 29°42 | 19° 6 | 17° 6 | 7°48 | 8°34 | 7°59 | 29°56 | 29°15 | 17°24 | 3°35 | S 18 |
| M19 | 1 50 55 | 25°50'41 | 27°48 | 15°51 | 5°12 | 0♑25 | 19°19 | 17° 2 | 7°50 | 8°35 | 7°59 | 29°54 | 29°12 | 17°30 | 3°33 | M19 |
| T 20 | 1 54 51 | 26°50'04 | 9♓49 | 15°14 | 6°27 | 1° 8 | 19°31 | 16°57 | 7°52 | 8°36 | 7°59 | 29°49 | 29° 8 | 17°37 | 3°30 | T 20 |
| W21 | 1 58 48 | 27°49'27 | 21°44 | 14°48 | 7°42 | 1°51 | 19°44 | 16°52 | 7°53 | 8°36 | 7°58 | 29°41 | 29° 5 | 17°44 | 3°28 | W21 |
| T 22 | 2 2 44 | 28°48'53 | 3♈36 | 14°32 | 8°57 | 2°34 | 19°57 | 16°48 | 7°55 | 8°37 | 7°58 | 29°30 | 29° 2 | 17°51 | 3°25 | T 22 |
| F 23 | 2 6 41 | 29°48'21 | 15°28 | 14°D27 | 10°11 | 3°17 | 20°10 | 16°43 | 7°57 | 8°38 | 7°58 | 29°17 | 28°59 | 17°57 | 3°23 | F 23 |
| S 24 | 2 10 37 | 0♏47'50 | 27°22 | 14°33 | 11°26 | 4° 1 | 20°22 | 16°39 | 7°59 | 8°38 | 7°57 | 29° 3 | 28°56 | 18° 4 | 3°20 | S 24 |
| S 25 | 2 14 34 | 1°47'22 | 9♉17 | 14°50 | 12°41 | 4°44 | 20°35 | 16°34 | 8° 1 | 8°39 | 7°57 | 28°48 | 28°53 | 18°11 | 3°18 | S 25 |
| M26 | 2 18 30 | 2°46'55 | 21°17 | 15°17 | 13°56 | 5°28 | 20°48 | 16°30 | 8° 3 | 8°39 | 7°57 | 28°34 | 28°49 | 18°17 | 3°15 | M26 |
| T 27 | 2 22 27 | 3°46'31 | 3♊22 | 15°54 | 15°11 | 6°11 | 21° 1 | 16°26 | 8° 5 | 8°40 | 7°56 | 28°23 | 28°46 | 18°24 | 3°13 | T 27 |
| W28 | 2 26 24 | 4°46'09 | 15°33 | 16°39 | 16°26 | 6°55 | 21°14 | 16°21 | 8° 7 | 8°40 | 7°56 | 28°14 | 28°43 | 18°31 | 3°11 | W28 |
| T 29 | 2 30 20 | 5°45'49 | 27°54 | 17°33 | 17°40 | 7°39 | 21°27 | 16°17 | 8° 9 | 8°41 | 7°55 | 28° 8 | 28°40 | 18°38 | 3° 8 | T 29 |
| F 30 | 2 34 17 | 6°45'31 | 10♋27 | 18°33 | 18°55 | 8°23 | 21°40 | 16°13 | 8°11 | 8°41 | 7°55 | 28° 5 | 28°37 | 18°44 | 3° 6 | F 30 |
| S 31 | 2 38 13 | 7♏45'16 | 23♋14 | 19♎39 | 20♏10 | 9♑ 7 | 21♏53 | 16♈ 8 | 8♑13 | 8♒42 | 7♋54 | 28°D 4 | 28♋33 | 18♈51 | 3♈ 4 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s13 | 19n28 | 3s26 | 14s54 | 3s47 | 3s53 | 1n15 | 24s32 | 1s43 | 15s38 | 0n53 | 4n41 | 2s43 | 23s30 | 0s19 | 17n53 | 0s17 | 17n23 | 5s46 | 19n52 | 20n 4 | 1n29 | 4n48 | 3n20 |
| F 2 | 3 36 | 20 50 | 2 33 | 14 54 | 3 48 | 4 23 | 1 14 | 24 35 | 1 43 | 15 42 | 0 53 | 4 39 | 2 44 | 23 30 | 0 19 | 17 52 | 0 17 | 17 23 | 5 46 | 19 52 | 20 5 | 1 32 | 4 46 | 3 20 |
| S 3 | 3 59 | 21 10 | 1 30 | 14 51 | 3 47 | 4 53 | 1 13 | 24 39 | 1 43 | 15 45 | 0 53 | 4 38 | 2 44 | 23 30 | 0 19 | 17 52 | 0 17 | 17 23 | 5 46 | 19 52 | 20 6 | 1 34 | 4 45 | 3 20 |
| S 4 | 4 22 | 20 21 | 0 22 | 14 44 | 3 46 | 5 22 | 1 11 | 24 42 | 1 43 | 15 49 | 0 53 | 4 36 | 2 44 | 23 30 | 0 19 | 17 52 | 0 17 | 17 23 | 5 46 | 19 52 | 20 6 | 1 36 | 4 44 | 3 20 |
| M 5 | 4 45 | 18 20 | 0n50 | 14 33 | 3 42 | 5 52 | 1 10 | 24 45 | 1 43 | 15 52 | 0 53 | 4 34 | 2 44 | 23 29 | 0 19 | 17 51 | 0 17 | 17 23 | 5 46 | 19 52 | 20 7 | 1 39 | 4 43 | 3 20 |
| T 6 | 5 8 | 15 10 | 2 2 | 14 18 | 3 37 | 6 22 | 1 9 | 24 48 | 1 42 | 15 56 | 0 53 | 4 32 | 2 44 | 23 29 | 0 19 | 17 51 | 0 17 | 17 23 | 5 46 | 19 53 | 20 8 | 1 41 | 4 41 | 3 19 |
| W 7 | 5 31 | 10 58 | 3 8 | 13 58 | 3 31 | 6 51 | 1 7 | 24 51 | 1 42 | 15 59 | 0 53 | 4 30 | 2 44 | 23 29 | 0 19 | 17 51 | 0 17 | 17 23 | 5 46 | 19 54 | 20 8 | 1 43 | 4 40 | 3 19 |
| T 8 | 5 54 | 5 59 | 4 2 | 13 35 | 3 23 | 7 20 | 1 6 | 24 53 | 1 42 | 16 3 | 0 53 | 4 29 | 2 44 | 23 29 | 0 19 | 17 51 | 0 17 | 17 23 | 5 47 | 19 55 | 20 9 | 1 46 | 4 39 | 3 19 |
| F 9 | 6 16 | 0 33 | 4 41 | 13 6 | 3 12 | 7 50 | 1 4 | 24 55 | 1 42 | 16 6 | 0 52 | 4 27 | 2 44 | 23 29 | 0 19 | 17 50 | 0 17 | 17 23 | 5 47 | 19 57 | 20 10 | 1 48 | 4 38 | 3 19 |
| S 10 | 6 39 | 4s57 | 4 59 | 12 34 | 3 0 | 8 19 | 1 3 | 24 57 | 1 42 | 16 10 | 0 52 | 4 25 | 2 44 | 23 29 | 0 19 | 17 50 | 0 17 | 17 23 | 5 47 | 19 59 | 20 10 | 1 50 | 4 37 | 3 19 |
| S 11 | 7 1 | 10 7 | 4 57 | 11 58 | 2 46 | 8 47 | 1 1 | 24 59 | 1 42 | 16 13 | 0 52 | 4 23 | 2 44 | 23 29 | 0 19 | 17 50 | 0 17 | 17 22 | 5 47 | 20 2 | 20 11 | 1 53 | 4 35 | 3 19 |
| M12 | 7 24 | 14 34 | 4 33 | 11 19 | 2 31 | 9 16 | 1 0 | 25 0 | 1 42 | 16 17 | 0 52 | 4 21 | 2 44 | 23 29 | 0 19 | 17 49 | 0 17 | 17 22 | 5 47 | 20 4 | 20 12 | 1 55 | 4 34 | 3 19 |
| T 13 | 7 46 | 18 0 | 3 53 | 10 37 | 2 14 | 9 44 | 0 58 | 25 2 | 1 42 | 16 21 | 0 52 | 4 20 | 2 44 | 23 29 | 0 19 | 17 49 | 0 17 | 17 22 | 5 47 | 20 5 | 20 12 | 1 58 | 4 33 | 3 19 |
| W14 | 8 9 | 20 15 | 2 59 | 9 53 | 1 55 | 10 13 | 0 56 | 25 3 | 1 42 | 16 24 | 0 52 | 4 18 | 2 44 | 23 29 | 0 19 | 17 49 | 0 17 | 17 22 | 5 47 | 20 6 | 20 13 | 2 0 | 4 32 | 3 18 |
| T 15 | 8 31 | 21 14 | 1 57 | 9 9 | 1 35 | 10 40 | 0 54 | 25 3 | 1 42 | 16 28 | 0 52 | 4 16 | 2 44 | 23 29 | 0 19 | 17 49 | 0 17 | 17 22 | 5 47 | 20 7 | 20 14 | 2 2 | 4 31 | 3 18 |
| F 16 | 8 53 | 21 0 | 0 50 | 8 25 | 1 15 | 11 8 | 0 52 | 25 4 | 1 42 | 16 31 | 0 52 | 4 14 | 2 44 | 23 29 | 0 19 | 17 49 | 0 17 | 17 22 | 5 47 | 20 7 | 20 14 | 2 5 | 4 29 | 3 18 |
| S 17 | 9 14 | 19 41 | 0s17 | 7 42 | 0 54 | 11 36 | 0 50 | 25 4 | 1 41 | 16 35 | 0 51 | 4 13 | 2 44 | 23 28 | 0 19 | 17 48 | 0 17 | 17 22 | 5 47 | 20 7 | 20 15 | 2 7 | 4 28 | 3 18 |
| S 18 | 9 36 | 17 25 | 1 22 | 7 3 | 0 34 | 12 3 | 0 49 | 25 4 | 1 41 | 16 38 | 0 51 | 4 11 | 2 44 | 23 28 | 0 19 | 17 48 | 0 17 | 17 22 | 5 47 | 20 7 | 20 16 | 2 9 | 4 27 | 3 18 |
| M19 | 9 58 | 14 26 | 2 21 | 6 26 | 0 14 | 12 30 | 0 47 | 25 4 | 1 41 | 16 42 | 0 51 | 4 9 | 2 44 | 23 28 | 0 19 | 17 48 | 0 17 | 17 22 | 5 47 | 20 8 | 20 16 | 2 12 | 4 26 | 3 18 |
| T 20 | 10 19 | 10 52 | 3 14 | 5 54 | 0n 5 | 12 56 | 0 45 | 25 4 | 1 41 | 16 45 | 0 51 | 4 7 | 2 44 | 23 28 | 0 19 | 17 48 | 0 17 | 17 22 | 5 47 | 20 9 | 20 17 | 2 14 | 4 25 | 3 18 |
| W21 | 10 41 | 6 54 | 3 57 | 5 27 | 0 24 | 13 23 | 0 42 | 25 3 | 1 41 | 16 49 | 0 51 | 4 6 | 2 44 | 23 28 | 0 19 | 17 48 | 0 17 | 17 22 | 5 48 | 20 10 | 20 18 | 2 16 | 4 24 | 3 17 |
| T 22 | 11 2 | 2 42 | 4 30 | 5 5 | 0 41 | 13 49 | 0 40 | 25 2 | 1 41 | 16 52 | 0 51 | 4 4 | 2 44 | 23 28 | 0 19 | 17 47 | 0 17 | 17 22 | 5 48 | 20 13 | 20 18 | 2 19 | 4 22 | 3 17 |
| F 23 | 11 23 | 1n36 | 4 51 | 4 49 | 0 56 | 14 14 | 0 38 | 25 1 | 1 40 | 16 56 | 0 51 | 4 2 | 2 44 | 23 28 | 0 19 | 17 47 | 0 17 | 17 22 | 5 48 | 20 15 | 20 19 | 2 21 | 4 21 | 3 17 |
| S 24 | 11 44 | 5 51 | 4 59 | 4 39 | 1 10 | 14 39 | 0 36 | 25 0 | 1 40 | 16 59 | 0 51 | 4 1 | 2 44 | 23 28 | 0 19 | 17 47 | 0 17 | 17 22 | 5 48 | 20 18 | 20 20 | 2 24 | 4 20 | 3 17 |
| S 25 | 12 4 | 9 54 | 4 54 | 4 34 | 1 22 | 15 4 | 0 34 | 24 58 | 1 40 | 17 3 | 0 51 | 3 59 | 2 43 | 23 28 | 0 19 | 17 47 | 0 17 | 17 22 | 5 48 | 20 21 | 20 20 | 2 26 | 4 19 | 3 17 |
| M26 | 12 25 | 13 35 | 4 37 | 4 35 | 1 33 | 15 29 | 0 32 | 24 56 | 1 40 | 17 6 | 0 51 | 3 57 | 2 43 | 23 27 | 0 19 | 17 47 | 0 17 | 17 22 | 5 48 | 20 24 | 20 21 | 2 28 | 4 18 | 3 17 |
| T 27 | 12 45 | 16 45 | 4 6 | 4 40 | 1 42 | 15 53 | 0 29 | 24 54 | 1 40 | 17 9 | 0 50 | 3 56 | 2 43 | 23 27 | 0 19 | 17 47 | 0 17 | 17 21 | 5 48 | 20 26 | 20 22 | 2 31 | 4 17 | 3 16 |
| W28 | 13 5 | 19 13 | 3 24 | 4 51 | 1 50 | 16 17 | 0 27 | 24 51 | 1 39 | 17 13 | 0 50 | 3 54 | 2 43 | 23 27 | 0 19 | 17 46 | 0 17 | 17 21 | 5 48 | 20 28 | 20 22 | 2 33 | 4 16 | 3 16 |
| T 29 | 13 25 | 20 50 | 2 32 | 5 5 | 1 56 | 16 40 | 0 25 | 24 49 | 1 39 | 17 16 | 0 50 | 3 53 | 2 43 | 23 27 | 0 19 | 17 46 | 0 17 | 17 21 | 5 48 | 20 29 | 20 23 | 2 35 | 4 15 | 3 16 |
| F 30 | 13 44 | 21 27 | 1 32 | 5 24 | 2 0 | 17 3 | 0 22 | 24 46 | 1 39 | 17 20 | 0 50 | 3 51 | 2 43 | 23 27 | 0 19 | 17 46 | 0 17 | 17 21 | 5 48 | 20 30 | 20 24 | 2 38 | 4 14 | 3 16 |
| S 31 | 14s 4 | 20n58 | 0s26 | 5s46 | 2n 4 | 17s25 | 0n20 | 24s43 | 1s39 | 17s23 | 0n50 | 3n50 | 2s43 | 23s27 | 0s19 | 17n46 | 0s17 | 17n21 | 5s48 | 20n30 | 20n24 | 2n40 | 4n13 | 3n16 |

Julian Day Number = 2601202.5, Delta T = 09m06s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'08, Lahiri = 29°35'09


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## NOVEMBER 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 42 10 | 8♏45'03 | 6♌21 | 20♎51 | 21♏25 | 9♑51 | 22♏ 6 | 16°R 4 | 8♑15 | 8♌42 | 7°R54 | 28°R 4 | 28♋30 | 18♈58 | 3°R 2 | S 1 |
| M 2 | 2 46 6 | 9°44'51 | 19°50 | 22° 8 | 22°40 | 10°35 | 22°19 | 16♈ 0 | 8°18 | 8°42 | 7♋53 | 28♋ 4 | 28°27 | 19° 5 | 3♈ 0 | M 2 |
| T 3 | 2 50 3 | 10°44'43 | 3♍44 | 23°28 | 23°55 | 11°19 | 22°32 | 15°56 | 8°20 | 8°43 | 7°53 | 28° 2 | 28°24 | 19°11 | 2°58 | T 3 |
| W 4 | 2 53 59 | 11°44'36 | 18° 4 | 24°52 | 25°10 | 12° 3 | 22°45 | 15°52 | 8°22 | 8°43 | 7°52 | 27°58 | 28°21 | 19°18 | 2°56 | W 4 |
| T 5 | 2 57 56 | 12°44'31 | 2♎48 | 26°19 | 26°25 | 12°48 | 22°58 | 15°48 | 8°25 | 8°43 | 7°51 | 27°51 | 28°18 | 19°25 | 2°54 | T 5 |
| F 6 | 3 1 53 | 13°44'29 | 17°51 | 27°49 | 27°39 | 13°32 | 23°11 | 15°44 | 8°27 | 8°43 | 7°51 | 27°42 | 28°14 | 19°31 | 2°52 | F 6 |
| S 7 | 3 5 49 | 14°44'29 | 3♏ 3 | 29°20 | 28°54 | 14°17 | 23°24 | 15°40 | 8°29 | 8°43 | 7°50 | 27°31 | 28°11 | 19°38 | 2°50 | S 7 |
| S 8 | 3 9 46 | 15°44'30 | 18°15 | 0♏53 | 0♐ 9 | 15° 1 | 23°37 | 15°37 | 8°32 | 8°44 | 7°50 | 27°21 | 28° 8 | 19°45 | 2°48 | S 8 |
| M 9 | 3 13 42 | 16°44'34 | 3♐15 | 2°27 | 1°24 | 15°46 | 23°50 | 15°33 | 8°34 | 8°44 | 7°49 | 27°11 | 28° 5 | 19°52 | 2°46 | M 9 |
| T 10 | 3 17 39 | 17°44'39 | 17°54 | 4° 2 | 2°39 | 16°31 | 24° 4 | 15°29 | 8°37 | 8°44 | 7°48 | 27° 3 | 28° 2 | 19°58 | 2°44 | T 10 |
| W11 | 3 21 35 | 18°44'46 | 2♑ 7 | 5°38 | 3°54 | 17°16 | 24°17 | 15°26 | 8°40 | 8°R44 | 7°47 | 26°58 | 27°59 | 20° 5 | 2°42 | W11 |
| T 12 | 3 25 32 | 19°44'55 | 15°50 | 7°14 | 5° 9 | 18° 1 | 24°30 | 15°22 | 8°42 | 8°44 | 7°47 | 26°56 | 27°55 | 20°12 | 2°41 | T 12 |
| F 13 | 3 29 28 | 20°45'05 | 29° 5 | 8°51 | 6°24 | 18°46 | 24°43 | 15°19 | 8°45 | 8°44 | 7°46 | 26°D55 | 27°52 | 20°18 | 2°39 | F 13 |
| S 14 | 3 33 25 | 21°45'17 | 11♒54 | 10°28 | 7°39 | 19°31 | 24°56 | 15°16 | 8°48 | 8°44 | 7°45 | 26°56 | 27°49 | 20°25 | 2°37 | S 14 |
| S 15 | 3 37 22 | 22°45'30 | 24°21 | 12° 6 | 8°53 | 20°16 | 25°10 | 15°12 | 8°50 | 8°43 | 7°44 | 26°R56 | 27°46 | 20°32 | 2°36 | S 15 |
| M16 | 3 41 18 | 23°45'44 | 6♓32 | 13°43 | 10° 8 | 21° 1 | 25°23 | 15° 9 | 8°53 | 8°43 | 7°44 | 26°55 | 27°43 | 20°39 | 2°34 | M16 |
| T 17 | 3 45 15 | 24°46'00 | 18°32 | 15°20 | 11°23 | 21°46 | 25°36 | 15° 6 | 8°56 | 8°43 | 7°43 | 26°52 | 27°39 | 20°45 | 2°33 | T 17 |
| W18 | 3 49 11 | 25°46'18 | 0♈26 | 16°58 | 12°38 | 22°31 | 25°49 | 15° 3 | 8°59 | 8°43 | 7°42 | 26°47 | 27°36 | 20°52 | 2°31 | W18 |
| T 19 | 3 53 8 | 26°46'36 | 12°17 | 18°35 | 13°53 | 23°17 | 26° 3 | 15° 0 | 9° 2 | 8°43 | 7°41 | 26°39 | 27°33 | 20°59 | 2°30 | T 19 |
| F 20 | 3 57 4 | 27°46'57 | 24° 9 | 20°12 | 15° 8 | 24° 2 | 26°16 | 14°57 | 9° 5 | 8°42 | 7°40 | 26°29 | 27°30 | 21° 6 | 2°29 | F 20 |
| S 21 | 4 1 1 | 28°47'19 | 6♉ 5 | 21°49 | 16°23 | 24°47 | 26°29 | 14°55 | 9° 8 | 8°42 | 7°39 | 26°17 | 27°27 | 21°12 | 2°27 | S 21 |
| S 22 | 4 4 57 | 29°47'42 | 18° 7 | 23°25 | 17°37 | 25°33 | 26°42 | 14°52 | 9°11 | 8°42 | 7°38 | 26° 6 | 27°24 | 21°19 | 2°26 | S 22 |
| M23 | 4 8 54 | 0♐48'07 | 0♊15 | 25° 2 | 18°52 | 26°18 | 26°56 | 14°49 | 9°14 | 8°41 | 7°38 | 25°55 | 27°20 | 21°26 | 2°25 | M23 |
| T 24 | 4 12 51 | 1°48'34 | 12°32 | 26°38 | 20° 7 | 27° 4 | 27° 9 | 14°47 | 9°17 | 8°41 | 7°37 | 25°46 | 27°17 | 21°32 | 2°24 | T 24 |
| W25 | 4 16 47 | 2°49'02 | 24°57 | 28°14 | 21°22 | 27°50 | 27°22 | 14°45 | 9°20 | 8°40 | 7°36 | 25°40 | 27°14 | 21°39 | 2°23 | W25 |
| T 26 | 4 20 44 | 3°49'32 | 7♋32 | 29°50 | 22°37 | 28°35 | 27°35 | 14°42 | 9°23 | 8°40 | 7°35 | 25°35 | 27°11 | 21°46 | 2°22 | T 26 |
| F 27 | 4 24 40 | 4°50'04 | 20°17 | 1♐25 | 23°52 | 29°21 | 27°48 | 14°40 | 9°26 | 8°39 | 7°34 | 25°D34 | 27° 8 | 21°53 | 2°21 | F 27 |
| S 28 | 4 28 37 | 5°50'37 | 3♌16 | 3° 1 | 25° 7 | 0♒ 7 | 28° 2 | 14°38 | 9°29 | 8°39 | 7°33 | 25°34 | 27° 4 | 21°59 | 2°20 | S 28 |
| S 29 | 4 32 33 | 6°51'12 | 16°28 | 4°36 | 26°21 | 0°53 | 28°15 | 14°36 | 9°32 | 8°38 | 7°32 | 25°35 | 27° 1 | 22° 6 | 2°19 | S 29 |
| M30 | 4 36 30 | 7♐51'48 | 29♌58 | 6♐11 | 27♐36 | 1♒38 | 28♏28 | 14♈34 | 9♑35 | 8♌38 | 7♋31 | 25♋36 | 26♋58 | 22♈13 | 2♈18 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s23 | 19n21 | 0n44 | 6s11 | 2n 6 | 17s47 | 0n18 | 24s39 | 1s38 | 17s27 | 0n50 | 3n48 | 2s43 | 23s27 | 0s19 | 17n46 | 0s17 | 17n21 | 5s48 | 20n30 | 20n25 | 2n43 | 4n12 | 3n16 |
| M 2 | 14 42 | 16 37 | 1 53 | 6 38 | 2 7 | 18 9 | 0 15 | 24 35 | 1 38 | 17 30 | 0 50 | 3 47 | 2 43 | 23 27 | 0 19 | 17 46 | 0 17 | 17 21 | 5 48 | 20 30 | 20 25 | 2 45 | 4 11 | 3 15 |
| T 3 | 15 1 | 12 52 | 2 57 | 7 8 | 2 7 | 18 30 | 0 13 | 24 32 | 1 38 | 17 33 | 0 50 | 3 45 | 2 43 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 48 | 20 30 | 20 26 | 2 47 | 4 10 | 3 15 |
| W 4 | 15 19 | 8 16 | 3 52 | 7 39 | 2 6 | 18 51 | 0 10 | 24 27 | 1 37 | 17 37 | 0 50 | 3 44 | 2 42 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 31 | 20 27 | 2 50 | 4 9 | 3 15 |
| T 5 | 15 38 | 3 4 | 4 33 | 8 12 | 2 5 | 19 11 | 0 8 | 24 23 | 1 37 | 17 40 | 0 50 | 3 42 | 2 42 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 33 | 20 27 | 2 52 | 4 8 | 3 15 |
| F 6 | 15 56 | 2s24 | 4 57 | 8 46 | 2 2 | 19 30 | 0 5 | 24 18 | 1 37 | 17 44 | 0 50 | 3 41 | 2 42 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 34 | 20 28 | 2 55 | 4 7 | 3 15 |
| S 7 | 16 13 | 7 48 | 5 0 | 9 21 | 1 59 | 19 49 | 0 3 | 24 13 | 1 36 | 17 47 | 0 50 | 3 40 | 2 42 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 37 | 20 29 | 2 57 | 4 6 | 3 14 |
| S 8 | 16 31 | 12 42 | 4 42 | 9 57 | 1 56 | 20 8 | 0 1 | 24 8 | 1 36 | 17 50 | 0 49 | 3 38 | 2 42 | 23 26 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 39 | 20 29 | 2 59 | 4 5 | 3 14 |
| M 9 | 16 48 | 16 45 | 4 4 | 10 33 | 1 51 | 20 26 | 0s 2 | 24 2 | 1 36 | 17 54 | 0 49 | 3 37 | 2 42 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 41 | 20 30 | 3 2 | 4 4 | 3 14 |
| T 10 | 17 5 | 19 39 | 3 11 | 11 9 | 1 47 | 20 43 | 0 5 | 23 57 | 1 35 | 17 57 | 0 49 | 3 36 | 2 42 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 42 | 20 31 | 3 4 | 4 3 | 3 14 |
| W11 | 17 22 | 21 14 | 2 8 | 11 46 | 1 42 | 21 0 | 0 7 | 23 51 | 1 35 | 18 0 | 0 49 | 3 35 | 2 41 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 43 | 20 31 | 3 6 | 4 2 | 3 13 |
| T 12 | 17 38 | 21 29 | 0 59 | 12 22 | 1 37 | 21 16 | 0 10 | 23 44 | 1 35 | 18 3 | 0 49 | 3 33 | 2 41 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 43 | 20 32 | 3 9 | 4 1 | 3 13 |
| F 13 | 17 54 | 20 29 | 0s11 | 12 59 | 1 31 | 21 32 | 0 12 | 23 38 | 1 34 | 18 7 | 0 49 | 3 32 | 2 41 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 44 | 20 32 | 3 11 | 4 0 | 3 13 |
| S 14 | 18 10 | 18 27 | 1 19 | 13 35 | 1 25 | 21 46 | 0 15 | 23 31 | 1 34 | 18 10 | 0 49 | 3 31 | 2 41 | 23 25 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 43 | 20 33 | 3 14 | 3 59 | 3 13 |
| S 15 | 18 25 | 15 35 | 2 21 | 14 11 | 1 19 | 22 1 | 0 17 | 23 24 | 1 34 | 18 13 | 0 49 | 3 30 | 2 41 | 23 24 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 43 | 20 34 | 3 16 | 3 59 | 3 13 |
| M16 | 18 40 | 12 6 | 3 15 | 14 46 | 1 13 | 22 15 | 0 20 | 23 17 | 1 33 | 18 16 | 0 49 | 3 29 | 2 41 | 23 24 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 44 | 20 34 | 3 18 | 3 58 | 3 12 |
| T 17 | 18 55 | 8 11 | 3 59 | 15 20 | 1 6 | 22 28 | 0 22 | 23 9 | 1 33 | 18 20 | 0 49 | 3 28 | 2 40 | 23 24 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 44 | 20 35 | 3 21 | 3 57 | 3 12 |
| W18 | 19 9 | 4 0 | 4 33 | 15 55 | 1 0 | 22 40 | 0 25 | 23 2 | 1 32 | 18 23 | 0 49 | 3 27 | 2 40 | 23 24 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 45 | 20 36 | 3 23 | 3 56 | 3 12 |
| T 19 | 19 24 | 0n19 | 4 55 | 16 28 | 0 53 | 22 52 | 0 27 | 22 54 | 1 32 | 18 26 | 0 49 | 3 26 | 2 40 | 23 24 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 47 | 20 36 | 3 26 | 3 55 | 3 12 |
| F 20 | 19 37 | 4 38 | 5 4 | 17 1 | 0 46 | 23 3 | 0 30 | 22 45 | 1 31 | 18 29 | 0 49 | 3 25 | 2 40 | 23 23 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 49 | 20 37 | 3 28 | 3 55 | 3 11 |
| S 21 | 19 51 | 8 48 | 5 0 | 17 32 | 0 39 | 23 13 | 0 32 | 22 37 | 1 31 | 18 32 | 0 49 | 3 24 | 2 40 | 23 23 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 51 | 20 37 | 3 30 | 3 54 | 3 11 |
| S 22 | 20 4 | 12 40 | 4 42 | 18 4 | 0 33 | 23 23 | 0 35 | 22 28 | 1 31 | 18 35 | 0 49 | 3 24 | 2 39 | 23 23 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 53 | 20 38 | 3 33 | 3 53 | 3 11 |
| M23 | 20 16 | 16 3 | 4 12 | 18 34 | 0 26 | 23 32 | 0 37 | 22 19 | 1 30 | 18 38 | 0 49 | 3 23 | 2 39 | 23 23 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 55 | 20 39 | 3 35 | 3 53 | 3 11 |
| T 24 | 20 29 | 18 47 | 3 30 | 19 3 | 0 19 | 23 40 | 0 39 | 22 10 | 1 30 | 18 41 | 0 49 | 3 22 | 2 39 | 23 23 | 0 19 | 17 46 | 0 17 | 17 21 | 5 49 | 20 57 | 20 39 | 3 38 | 3 52 | 3 11 |
| W25 | 20 41 | 20 41 | 2 37 | 19 32 | 0 12 | 23 48 | 0 42 | 22 0 | 1 29 | 18 44 | 0 48 | 3 21 | 2 39 | 23 22 | 0 19 | 17 47 | 0 17 | 17 21 | 5 49 | 20 58 | 20 40 | 3 40 | 3 51 | 3 10 |
| T 26 | 20 52 | 21 35 | 1 35 | 19 59 | 0 5 | 23 55 | 0 44 | 21 51 | 1 29 | 18 47 | 0 48 | 3 21 | 2 39 | 23 22 | 0 19 | 17 47 | 0 17 | 17 21 | 5 50 | 20 59 | 20 41 | 3 42 | 3 51 | 3 10 |
| F 27 | 21 3 | 21 23 | 0 28 | 20 26 | 0s 2 | 24 1 | 0 47 | 21 41 | 1 28 | 18 50 | 0 48 | 3 20 | 2 38 | 23 22 | 0 19 | 17 47 | 0 17 | 17 21 | 5 50 | 20 59 | 20 41 | 3 45 | 3 50 | 3 10 |
| S 28 | 21 14 | 20 3 | 0n41 | 20 51 | 0 9 | 24 6 | 0 49 | 21 31 | 1 28 | 18 53 | 0 48 | 3 19 | 2 38 | 23 22 | 0 19 | 17 47 | 0 17 | 17 21 | 5 50 | 20 59 | 20 42 | 3 47 | 3 50 | 3 10 |
| S 29 | 21 24 | 17 37 | 1 50 | 21 16 | 0 15 | 24 11 | 0 51 | 21 20 | 1 27 | 18 56 | 0 48 | 3 19 | 2 38 | 23 21 | 0 19 | 17 47 | 0 17 | 17 21 | 5 50 | 20 59 | 20 42 | 3 50 | 3 49 | 3 9 |
| M30 | 21s34 | 14n11 | 2n55 | 21s39 | 0s22 | 24s15 | 0s53 | 21s10 | 1s27 | 18s59 | 0n48 | 3n18 | 2s38 | 23s21 | 0s19 | 17n47 | 0s17 | 17n21 | 5s50 | 20n58 | 20n43 | 3n52 | 3n48 | 3n 9 |

Julian Day Number = 2601233.5, Delta T = 09m07s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'12, Lahiri = 29°35'13


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# ASTRODIENST EPHEMERIS for the year 2409
# geocentric

## DECEMBER 2409 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 40 27 | 8♐52'27 | 13♍46 | 7♐46 | 28♐51 | 2♒24 | 28♏41 | 14°R32 | 9♑39 | 8°R37 | 7°R30 | 25°R36 | 26♋55 | 22♈19 | 2°R18 | T 1 |
| W 2 | 4 44 23 | 9°53'07 | 27°52 | 9°20 | 0♑ 6 | 3°10 | 28°54 | 14♈31 | 9°42 | 8♎36 | 7♋29 | 25♋35 | 26°52 | 22°26 | 2♈17 | W 2 |
| T 3 | 4 48 20 | 10°53'48 | 12♎17 | 10°55 | 1°21 | 3°56 | 29° 7 | 14°29 | 9°45 | 8°35 | 7°28 | 25°31 | 26°49 | 22°33 | 2°16 | T 3 |
| F 4 | 4 52 16 | 11°54'31 | 26°56 | 12°29 | 2°36 | 4°42 | 29°21 | 14°28 | 9°48 | 8°35 | 7°27 | 25°26 | 26°45 | 22°40 | 2°16 | F 4 |
| S 5 | 4 56 13 | 12°55'16 | 11♏45 | 14° 4 | 3°50 | 5°28 | 29°34 | 14°26 | 9°52 | 8°34 | 7°26 | 25°19 | 26°42 | 22°46 | 2°15 | S 5 |
| S 6 | 5 0 9 | 13°56'02 | 26°36 | 15°38 | 5° 5 | 6°15 | 29°47 | 14°25 | 9°55 | 8°33 | 7°24 | 25°13 | 26°39 | 22°53 | 2°15 | S 6 |
| M 7 | 5 4 6 | 14°56'50 | 11♐20 | 17°12 | 6°20 | 7° 1 | 29°59 | 14°24 | 9°58 | 8°32 | 7°23 | 25° 6 | 26°36 | 23° 0 | 2°15 | M 7 |
| T 8 | 5 8 2 | 15°57'39 | 25°49 | 18°46 | 7°35 | 7°47 | 0♐13 | 14°23 | 10° 2 | 8°31 | 7°22 | 25° 2 | 26°33 | 23° 7 | 2°14 | T 8 |
| W 9 | 5 11 59 | 16°58'29 | 9♑58 | 20°20 | 8°50 | 8°33 | 0°26 | 14°22 | 10° 5 | 8°31 | 7°21 | 24°59 | 26°30 | 23°13 | 2°14 | W 9 |
| T 10 | 5 15 56 | 17°59'20 | 23°42 | 21°54 | 10° 5 | 9°20 | 0°39 | 14°21 | 10° 8 | 8°30 | 7°20 | 24°D58 | 26°26 | 23°20 | 2°14 | T 10 |
| F 11 | 5 19 52 | 19° 0'12 | 7♒ 0 | 23°28 | 11°19 | 10° 6 | 0°52 | 14°20 | 10°12 | 8°29 | 7°19 | 24°58 | 26°23 | 23°27 | 2°14 | F 11 |
| S 12 | 5 23 49 | 20° 1'05 | 19°54 | 25° 2 | 12°34 | 10°52 | 1° 5 | 14°20 | 10°15 | 8°28 | 7°18 | 25° 0 | 26°20 | 23°33 | 2°13 | S 12 |
| S 13 | 5 27 45 | 21° 1'59 | 2♓27 | 26°36 | 13°49 | 11°39 | 1°18 | 14°19 | 10°19 | 8°27 | 7°17 | 25° 2 | 26°17 | 23°40 | 2°D13 | S 13 |
| M14 | 5 31 42 | 22° 2'53 | 14°42 | 28°10 | 15° 4 | 12°25 | 1°30 | 14°19 | 10°22 | 8°26 | 7°16 | 25° 3 | 26°14 | 23°47 | 2°13 | M14 |
| T 15 | 5 35 38 | 23° 3'48 | 26°45 | 29°44 | 16°19 | 13°11 | 1°43 | 14°18 | 10°26 | 8°25 | 7°14 | 25°R 3 | 26°10 | 23°54 | 2°14 | T 15 |
| W16 | 5 39 35 | 24° 4'43 | 8♈39 | 1♑18 | 17°33 | 13°58 | 1°56 | 14°18 | 10°29 | 8°24 | 7°13 | 25° 2 | 26° 7 | 24° 0 | 2°14 | W16 |
| T 17 | 5 43 31 | 25° 5'40 | 20°31 | 2°52 | 18°48 | 14°44 | 2° 9 | 14°D18 | 10°33 | 8°22 | 7°12 | 24°59 | 26° 4 | 24° 7 | 2°14 | T 17 |
| F 18 | 5 47 28 | 26° 6'37 | 2♉25 | 4°26 | 20° 3 | 15°31 | 2°22 | 14°18 | 10°36 | 8°21 | 7°11 | 24°55 | 26° 1 | 24°14 | 2°14 | F 18 |
| S 19 | 5 51 25 | 27° 7'34 | 14°23 | 6° 0 | 21°17 | 16°17 | 2°34 | 14°18 | 10°40 | 8°20 | 7°10 | 24°51 | 25°58 | 24°21 | 2°15 | S 19 |
| S 20 | 5 55 21 | 28° 8'33 | 26°30 | 7°34 | 22°32 | 17° 4 | 2°47 | 14°19 | 10°43 | 8°19 | 7° 8 | 24°46 | 25°55 | 24°27 | 2°15 | S 20 |
| M21 | 5 59 18 | 29° 9'32 | 8♊47 | 9° 8 | 23°47 | 17°51 | 2°59 | 14°19 | 10°47 | 8°18 | 7° 7 | 24°41 | 25°51 | 24°34 | 2°15 | M21 |
| T 22 | 6 3 14 | 0♑10'31 | 21°17 | 10°42 | 25° 2 | 18°37 | 3°12 | 14°19 | 10°50 | 8°16 | 7° 6 | 24°37 | 25°48 | 24°41 | 2°16 | T 22 |
| W23 | 6 7 11 | 1°11'32 | 3♋59 | 12°16 | 26°16 | 19°24 | 3°24 | 14°20 | 10°54 | 8°15 | 7° 5 | 24°35 | 25°45 | 24°47 | 2°16 | W23 |
| T 24 | 6 11 7 | 2°12'33 | 16°54 | 13°50 | 27°31 | 20°10 | 3°37 | 14°21 | 10°58 | 8°14 | 7° 4 | 24°33 | 25°42 | 24°54 | 2°17 | T 24 |
| F 25 | 6 15 4 | 3°13'35 | 0♌ 2 | 15°23 | 28°46 | 20°57 | 3°49 | 14°21 | 11° 1 | 8°13 | 7° 3 | 24°D33 | 25°39 | 25° 1 | 2°18 | F 25 |
| S 26 | 6 19 0 | 4°14'37 | 13°22 | 16°57 | 0♒ 0 | 21°44 | 4° 2 | 14°22 | 11° 5 | 8°11 | 7° 1 | 24°34 | 25°36 | 25° 8 | 2°18 | S 26 |
| S 27 | 6 22 57 | 5°15'41 | 26°54 | 18°31 | 1°15 | 22°30 | 4°14 | 14°23 | 11° 8 | 8°10 | 7° 0 | 24°36 | 25°32 | 25°14 | 2°19 | S 27 |
| M28 | 6 26 54 | 6°16'44 | 10♍38 | 20° 4 | 2°29 | 23°17 | 4°26 | 14°25 | 11°12 | 8° 9 | 6°59 | 24°37 | 25°29 | 25°21 | 2°20 | M28 |
| T 29 | 6 30 50 | 7°17'49 | 24°31 | 21°37 | 3°44 | 24° 4 | 4°38 | 14°26 | 11°16 | 8° 7 | 6°58 | 24°38 | 25°26 | 25°28 | 2°21 | T 29 |
| W30 | 6 34 47 | 8°18'55 | 8♎35 | 23° 9 | 4°58 | 24°50 | 4°51 | 14°27 | 11°19 | 8° 6 | 6°57 | 24°R38 | 25°23 | 25°34 | 2°22 | W30 |
| T 31 | 6 38 43 | 9♑20'01 | 22♎48 | 24♑41 | 6♒13 | 25♒37 | 5♐ 3 | 14♈29 | 11♑23 | 8♌ 4 | 6♋55 | 24♋38 | 25♋20 | 25♈41 | 2♈23 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s44 | 9n55 | 3n50 | 22s 1 | 0s28 | 24s18 | 0s56 | 20s59 | 1s26 | 19s 2 | 0n48 | 3n18 | 2s37 | 23s21 | 0s19 | 17n47 | 0s17 | 17n21 | 5s50 | 20n58 | 20n44 | 3n54 | 3n48 | 3n 9 |
| W 2 | 21 53 | 5 2 | 4 34 | 22 23 | 0 35 | 24 21 | 0 58 | 20 48 | 1 26 | 19 5 | 0 48 | 3 17 | 2 37 | 23 21 | 0 19 | 17 48 | 0 17 | 17 21 | 5 50 | 20 59 | 20 44 | 3 57 | 3 47 | 3 9 |
| T 3 | 22 2 | 0s14 | 5 1 | 22 43 | 0 41 | 24 23 | 1 0 | 20 36 | 1 25 | 19 8 | 0 48 | 3 17 | 2 37 | 23 20 | 0 19 | 17 48 | 0 17 | 17 21 | 5 50 | 20 59 | 20 45 | 3 59 | 3 47 | 3 8 |
| F 4 | 22 10 | 5 33 | 5 9 | 23 2 | 0 47 | 24 24 | 1 2 | 20 25 | 1 25 | 19 11 | 0 48 | 3 17 | 2 37 | 23 20 | 0 19 | 17 48 | 0 17 | 17 21 | 5 50 | 21 0 | 20 45 | 4 2 | 3 47 | 3 8 |
| S 5 | 22 18 | 10 37 | 4 56 | 23 19 | 0 54 | 24 24 | 1 4 | 20 13 | 1 24 | 19 14 | 0 48 | 3 16 | 2 36 | 23 20 | 0 19 | 17 48 | 0 17 | 17 22 | 5 50 | 21 1 | 20 46 | 4 4 | 3 46 | 3 8 |
| S 6 | 22 25 | 15 4 | 4 24 | 23 36 | 1 0 | 24 24 | 1 6 | 20 1 | 1 24 | 19 16 | 0 48 | 3 16 | 2 36 | 23 20 | 0 19 | 17 48 | 0 17 | 17 22 | 5 50 | 21 3 | 20 47 | 4 6 | 3 46 | 3 8 |
| M 7 | 22 32 | 18 33 | 3 34 | 23 51 | 1 5 | 24 22 | 1 8 | 19 49 | 1 23 | 19 19 | 0 48 | 3 16 | 2 36 | 23 20 | 0 19 | 17 49 | 0 17 | 17 22 | 5 50 | 21 4 | 20 47 | 4 9 | 3 45 | 3 7 |
| T 8 | 22 39 | 20 48 | 2 32 | 24 6 | 1 11 | 24 20 | 1 10 | 19 37 | 1 22 | 19 22 | 0 48 | 3 16 | 2 36 | 23 19 | 0 19 | 17 49 | 0 17 | 17 22 | 5 50 | 21 5 | 20 48 | 4 11 | 3 45 | 3 7 |
| W 9 | 22 45 | 21 40 | 1 21 | 24 18 | 1 17 | 24 18 | 1 12 | 19 24 | 1 22 | 19 25 | 0 48 | 3 16 | 2 35 | 23 19 | 0 19 | 17 49 | 0 17 | 17 22 | 5 50 | 21 5 | 20 48 | 4 14 | 3 45 | 3 7 |
| T 10 | 22 51 | 21 12 | 0 7 | 24 30 | 1 22 | 24 14 | 1 14 | 19 11 | 1 21 | 19 27 | 0 48 | 3 16 | 2 35 | 23 19 | 0 19 | 17 49 | 0 17 | 17 22 | 5 50 | 21 5 | 20 49 | 4 16 | 3 44 | 3 7 |
| F 11 | 22 56 | 19 32 | 1s 5 | 24 40 | 1 27 | 24 10 | 1 16 | 18 58 | 1 21 | 19 30 | 0 48 | 3 15 | 2 35 | 23 18 | 0 19 | 17 50 | 0 17 | 17 22 | 5 50 | 21 5 | 20 50 | 4 18 | 3 44 | 3 6 |
| S 12 | 23 1 | 16 54 | 2 12 | 24 50 | 1 32 | 24 5 | 1 18 | 18 45 | 1 20 | 19 33 | 0 48 | 3 15 | 2 35 | 23 18 | 0 19 | 17 50 | 0 17 | 17 22 | 5 50 | 21 5 | 20 50 | 4 21 | 3 44 | 3 6 |
| S 13 | 23 5 | 13 32 | 3 10 | 24 57 | 1 37 | 23 59 | 1 20 | 18 32 | 1 20 | 19 35 | 0 48 | 3 15 | 2 34 | 23 18 | 0 19 | 17 50 | 0 17 | 17 22 | 5 50 | 21 5 | 20 51 | 4 23 | 3 44 | 3 6 |
| M14 | 23 9 | 9 41 | 3 59 | 25 4 | 1 41 | 23 53 | 1 21 | 18 18 | 1 19 | 19 38 | 0 48 | 3 16 | 2 34 | 23 18 | 0 19 | 17 50 | 0 17 | 17 22 | 5 50 | 21 4 | 20 51 | 4 26 | 3 43 | 3 6 |
| T 15 | 23 12 | 5 30 | 4 35 | 25 9 | 1 46 | 23 46 | 1 23 | 18 4 | 1 18 | 19 41 | 0 48 | 3 16 | 2 34 | 23 17 | 0 19 | 17 51 | 0 17 | 17 22 | 5 50 | 21 4 | 20 52 | 4 28 | 3 43 | 3 5 |
| W16 | 23 15 | 1 10 | 5 0 | 25 12 | 1 50 | 23 38 | 1 25 | 17 51 | 1 18 | 19 43 | 0 48 | 3 16 | 2 34 | 23 17 | 0 19 | 17 51 | 0 17 | 17 22 | 5 50 | 21 5 | 20 53 | 4 30 | 3 43 | 3 5 |
| T 17 | 23 18 | 3n11 | 5 12 | 25 15 | 1 54 | 23 30 | 1 26 | 17 36 | 1 17 | 19 46 | 0 48 | 3 16 | 2 33 | 23 17 | 0 19 | 17 51 | 0 17 | 17 22 | 5 50 | 21 5 | 20 53 | 4 33 | 3 43 | 3 5 |
| F 18 | 23 20 | 7 25 | 5 10 | 25 16 | 1 57 | 23 20 | 1 28 | 17 22 | 1 17 | 19 48 | 0 48 | 3 16 | 2 33 | 23 17 | 0 19 | 17 52 | 0 17 | 17 22 | 5 50 | 21 6 | 20 54 | 4 35 | 3 43 | 3 5 |
| S 19 | 23 21 | 11 25 | 4 55 | 25 15 | 2 0 | 23 10 | 1 29 | 17 8 | 1 16 | 19 51 | 0 48 | 3 17 | 2 33 | 23 16 | 0 19 | 17 52 | 0 17 | 17 22 | 5 49 | 21 7 | 20 54 | 4 38 | 3 43 | 3 4 |
| S 20 | 23 22 | 15 0 | 4 26 | 25 13 | 2 3 | 23 0 | 1 31 | 16 53 | 1 15 | 19 53 | 0 48 | 3 17 | 2 33 | 23 16 | 0 19 | 17 52 | 0 17 | 17 23 | 5 49 | 21 8 | 20 55 | 4 40 | 3 42 | 3 4 |
| M21 | 23 23 | 18 0 | 3 45 | 25 10 | 2 6 | 22 48 | 1 32 | 16 38 | 1 15 | 19 56 | 0 48 | 3 17 | 2 32 | 23 16 | 0 19 | 17 52 | 0 17 | 17 23 | 5 49 | 21 8 | 20 56 | 4 42 | 3 42 | 3 4 |
| T 22 | 23 23 | 20 14 | 2 53 | 25 5 | 2 8 | 22 36 | 1 33 | 16 23 | 1 14 | 19 58 | 0 48 | 3 18 | 2 32 | 23 15 | 0 19 | 17 53 | 0 17 | 17 23 | 5 49 | 21 9 | 20 56 | 4 45 | 3 42 | 3 4 |
| W23 | 23 23 | 21 29 | 1 51 | 24 59 | 2 10 | 22 24 | 1 34 | 16 8 | 1 14 | 20 0 | 0 48 | 3 18 | 2 32 | 23 15 | 0 19 | 17 53 | 0 17 | 17 23 | 5 49 | 21 9 | 20 57 | 4 47 | 3 42 | 3 3 |
| T 24 | 23 22 | 21 37 | 0 42 | 24 51 | 2 12 | 22 10 | 1 35 | 15 53 | 1 13 | 20 3 | 0 48 | 3 19 | 2 32 | 23 15 | 0 19 | 17 53 | 0 17 | 17 23 | 5 49 | 21 10 | 20 57 | 4 50 | 3 42 | 3 3 |
| F 25 | 23 21 | 20 35 | 0n30 | 24 42 | 2 13 | 21 56 | 1 37 | 15 37 | 1 12 | 20 5 | 0 48 | 3 19 | 2 31 | 23 15 | 0 19 | 17 54 | 0 17 | 17 23 | 5 49 | 21 10 | 20 58 | 4 52 | 3 42 | 3 3 |
| S 26 | 23 19 | 18 24 | 1 42 | 24 31 | 2 14 | 21 42 | 1 38 | 15 22 | 1 12 | 20 7 | 0 48 | 3 20 | 2 31 | 23 14 | 0 19 | 17 54 | 0 17 | 17 23 | 5 49 | 21 10 | 20 59 | 4 54 | 3 42 | 3 3 |
| S 27 | 23 17 | 15 10 | 2 49 | 24 19 | 2 14 | 21 26 | 1 38 | 15 6 | 1 11 | 20 10 | 0 48 | 3 20 | 2 31 | 23 14 | 0 19 | 17 55 | 0 17 | 17 23 | 5 49 | 21 9 | 20 59 | 4 57 | 3 43 | 3 2 |
| M28 | 23 14 | 11 4 | 3 48 | 24 6 | 2 14 | 21 10 | 1 39 | 14 50 | 1 10 | 20 12 | 0 48 | 3 21 | 2 31 | 23 14 | 0 19 | 17 55 | 0 17 | 17 23 | 5 49 | 21 9 | 21 0 | 4 59 | 3 43 | 3 2 |
| T 29 | 23 11 | 6 21 | 4 33 | 23 51 | 2 13 | 20 54 | 1 40 | 14 34 | 1 10 | 20 14 | 0 48 | 3 22 | 2 30 | 23 13 | 0 19 | 17 55 | 0 17 | 17 23 | 5 49 | 21 9 | 21 0 | 5 2 | 3 43 | 3 2 |
| W30 | 23 7 | 1 15 | 5 4 | 23 34 | 2 12 | 20 37 | 1 41 | 14 18 | 1 9 | 20 16 | 0 48 | 3 23 | 2 30 | 23 13 | 0 19 | 17 56 | 0 17 | 17 24 | 5 49 | 21 9 | 21 1 | 5 4 | 3 43 | 3 2 |
| T 31 | 23s 3 | 3s57 | 5n16 | 23s16 | 2s10 | 20s19 | 1s41 | 14s 1 | 1s 8 | 20s18 | 0n48 | 3n23 | 2s30 | 23s13 | 0s19 | 17n56 | 0s17 | 17n24 | 5s49 | 21n 9 | 21n 1 | 5n 6 | 3n43 | 3n 1 |

Julian Day Number = 2601263.5, Delta T = 09m07s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'16, Lahiri = 29°35'17


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## JANUARY 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 42 40 | 10♑21'08 | 7♏ 6 | 26♑13 | 7♒28 | 26♒24 | 5♐15 | 14♈30 | 11♑26 | 8°R 3 | 6°R54 | 24°R37 | 25♋16 | 25♈48 | 2♈24 | F 1 |
| S 2 | 6 46 36 | 11°22'15 | 21°28 | 27°43 | 8°42 | 27°11 | 5°27 | 14°32 | 11°30 | 8♌ 1 | 6♋53 | 24♋35 | 25°13 | 25°55 | 2°25 | S 2 |
| S 3 | 6 50 33 | 12°23'24 | 5♐49 | 29°12 | 9°57 | 27°57 | 5°39 | 14°34 | 11°34 | 8° 0 | 6°52 | 24°34 | 25°10 | 26° 1 | 2°26 | S 3 |
| M 4 | 6 54 29 | 13°24'32 | 20° 4 | 0♒40 | 11°11 | 28°44 | 5°51 | 14°35 | 11°37 | 7°58 | 6°51 | 24°32 | 25° 7 | 26° 8 | 2°28 | M 4 |
| T 5 | 6 58 26 | 14°25'42 | 4♑ 8 | 2° 6 | 12°25 | 29°31 | 6° 2 | 14°37 | 11°41 | 7°57 | 6°49 | 24°31 | 25° 4 | 26°15 | 2°29 | T 5 |
| W 6 | 7 2 23 | 15°26'51 | 17°59 | 3°31 | 13°40 | 0♓18 | 6°14 | 14°39 | 11°44 | 7°55 | 6°48 | 24°D31 | 25° 1 | 26°22 | 2°30 | W 6 |
| T 7 | 7 6 19 | 16°28'01 | 1♒31 | 4°53 | 14°54 | 1° 5 | 6°26 | 14°42 | 11°48 | 7°54 | 6°47 | 24°31 | 24°57 | 26°28 | 2°32 | T 7 |
| F 8 | 7 10 16 | 17°29'10 | 14°44 | 6°12 | 16° 9 | 1°51 | 6°37 | 14°44 | 11°52 | 7°52 | 6°46 | 24°31 | 24°54 | 26°35 | 2°33 | F 8 |
| S 9 | 7 14 12 | 18°30'20 | 27°37 | 7°28 | 17°23 | 2°38 | 6°49 | 14°46 | 11°55 | 7°51 | 6°45 | 24°32 | 24°51 | 26°42 | 2°35 | S 9 |
| S 10 | 7 18 9 | 19°31'29 | 10♓11 | 8°40 | 18°37 | 3°25 | 7° 0 | 14°49 | 11°59 | 7°49 | 6°43 | 24°32 | 24°48 | 26°48 | 2°36 | S 10 |
| M11 | 7 22 5 | 20°32'38 | 22°29 | 9°48 | 19°52 | 4°12 | 7°12 | 14°51 | 12° 2 | 7°48 | 6°42 | 24°33 | 24°45 | 26°55 | 2°38 | M11 |
| T 12 | 7 26 2 | 21°33'47 | 4♈34 | 10°51 | 21° 6 | 4°59 | 7°23 | 14°54 | 12° 6 | 7°46 | 6°41 | 24°33 | 24°42 | 27° 2 | 2°39 | T 12 |
| W13 | 7 29 58 | 22°34'55 | 16°30 | 11°48 | 22°20 | 5°45 | 7°34 | 14°57 | 12°10 | 7°44 | 6°40 | 24°33 | 24°38 | 27° 9 | 2°41 | W13 |
| T 14 | 7 33 55 | 23°36'03 | 28°23 | 12°37 | 23°35 | 6°32 | 7°45 | 15° 0 | 12°13 | 7°43 | 6°39 | 24°R33 | 24°35 | 27°15 | 2°43 | T 14 |
| F 15 | 7 37 52 | 24°37'11 | 10♉16 | 13°20 | 24°49 | 7°19 | 7°56 | 15° 3 | 12°17 | 7°41 | 6°38 | 24°D33 | 24°32 | 27°22 | 2°45 | F 15 |
| S 16 | 7 41 48 | 25°38'18 | 22°15 | 13°54 | 26° 3 | 8° 6 | 8° 7 | 15° 6 | 12°20 | 7°39 | 6°37 | 24°33 | 24°29 | 27°29 | 2°47 | S 16 |
| S 17 | 7 45 45 | 26°39'25 | 4♊24 | 14°18 | 27°17 | 8°52 | 8°18 | 15° 9 | 12°24 | 7°38 | 6°35 | 24°33 | 24°26 | 27°36 | 2°48 | S 17 |
| M18 | 7 49 41 | 27°40'31 | 16°46 | 14°32 | 28°31 | 9°39 | 8°29 | 15°12 | 12°27 | 7°36 | 6°34 | 24°34 | 24°22 | 27°42 | 2°50 | M18 |
| T 19 | 7 53 38 | 28°41'38 | 29°24 | 14°R35 | 29°45 | 10°26 | 8°40 | 15°16 | 12°31 | 7°34 | 6°33 | 24°34 | 24°19 | 27°49 | 2°52 | T 19 |
| W20 | 7 57 34 | 29°42'43 | 12♋21 | 14°26 | 0♓59 | 11°13 | 8°50 | 15°19 | 12°34 | 7°33 | 6°32 | 24°35 | 24°16 | 27°56 | 2°55 | W20 |
| T 21 | 8 1 31 | 0♒43'48 | 25°36 | 14° 6 | 2°13 | 11°59 | 9° 1 | 15°23 | 12°38 | 7°31 | 6°31 | 24°R35 | 24°13 | 28° 2 | 2°57 | T 21 |
| F 22 | 8 5 28 | 1°44'53 | 9♌ 8 | 13°34 | 3°27 | 12°46 | 9°11 | 15°27 | 12°41 | 7°29 | 6°30 | 24°34 | 24°10 | 28° 9 | 2°59 | F 22 |
| S 23 | 8 9 24 | 2°45'57 | 22°56 | 12°51 | 4°41 | 13°33 | 9°21 | 15°30 | 12°45 | 7°28 | 6°29 | 24°34 | 24° 7 | 28°16 | 3° 1 | S 23 |
| S 24 | 8 13 21 | 3°47'01 | 6♍57 | 11°57 | 5°55 | 14°20 | 9°32 | 15°34 | 12°48 | 7°26 | 6°28 | 24°33 | 24° 3 | 28°23 | 3° 3 | S 24 |
| M25 | 8 17 17 | 4°48'04 | 21° 7 | 10°55 | 7° 8 | 15° 6 | 9°42 | 15°38 | 12°52 | 7°24 | 6°27 | 24°32 | 24° 0 | 28°29 | 3° 6 | M25 |
| T 26 | 8 21 14 | 5°49'07 | 5♎21 | 9°45 | 8°22 | 15°53 | 9°52 | 15°42 | 12°55 | 7°23 | 6°26 | 24°30 | 23°57 | 28°36 | 3° 8 | T 26 |
| W27 | 8 25 10 | 6°50'10 | 19°37 | 8°31 | 9°36 | 16°40 | 10° 2 | 15°46 | 12°58 | 7°21 | 6°25 | 24°29 | 23°54 | 28°43 | 3°10 | W27 |
| T 28 | 8 29 7 | 7°51'13 | 3♏51 | 7°14 | 10°49 | 17°26 | 10°12 | 15°51 | 13° 2 | 7°19 | 6°24 | 24°D29 | 23°51 | 28°49 | 3°13 | T 28 |
| F 29 | 8 33 3 | 8°52'15 | 18° 0 | 5°56 | 12° 3 | 18°13 | 10°21 | 15°55 | 13° 5 | 7°18 | 6°23 | 24°29 | 23°48 | 28°56 | 3°15 | F 29 |
| S 30 | 8 37 0 | 9°53'17 | 2♐ 3 | 4°41 | 13°17 | 18°59 | 10°31 | 15°59 | 13° 8 | 7°16 | 6°22 | 24°30 | 23°44 | 29° 3 | 3°18 | S 30 |
| S 31 | 8 40 56 | 10♒54'18 | 15♐58 | 3♒30 | 14♓30 | 19♓46 | 10♐41 | 16♈ 4 | 13♑12 | 7♌14 | 6♋21 | 24♋31 | 23♋41 | 29♈10 | 3♈20 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22s59 | 8s59 | 5n 9 | 22s57 | 2s 8 | 20s 1 | 1s42 | 13s45 | 1s 8 | 20s21 | 0n48 | 3n24 | 2s30 | 23s13 | 0s19 | 17n56 | 0s17 | 17n24 | 5s49 | 21n 9 | 21n 2 | 5n 9 | 3n43 | 3n 1 |
| S 2 | 22 54 | 13 33 | 4 42 | 22 37 | 2 5 | 19 42 | 1 43 | 13 28 | 1 7 | 20 23 | 0 48 | 3 25 | 2 29 | 23 12 | 0 19 | 17 57 | 0 17 | 17 24 | 5 49 | 21 9 | 21 3 | 5 11 | 3 44 | 3 1 |
| S 3 | 22 49 | 17 19 | 3 58 | 22 15 | 2 1 | 19 22 | 1 43 | 13 12 | 1 6 | 20 25 | 0 48 | 3 26 | 2 29 | 23 12 | 0 19 | 17 57 | 0 17 | 17 24 | 5 49 | 21 10 | 21 3 | 5 14 | 3 44 | 3 1 |
| M 4 | 22 43 | 20 2 | 2 59 | 21 52 | 1 57 | 19 2 | 1 43 | 12 55 | 1 6 | 20 27 | 0 48 | 3 27 | 2 29 | 23 12 | 0 19 | 17 58 | 0 17 | 17 24 | 5 49 | 21 10 | 21 4 | 5 16 | 3 44 | 3 0 |
| T 5 | 22 36 | 21 29 | 1 50 | 21 28 | 1 52 | 18 42 | 1 44 | 12 38 | 1 5 | 20 29 | 0 48 | 3 28 | 2 28 | 23 11 | 0 19 | 17 58 | 0 17 | 17 24 | 5 49 | 21 10 | 21 4 | 5 19 | 3 44 | 3 0 |
| W 6 | 22 30 | 21 35 | 0 36 | 21 2 | 1 46 | 18 21 | 1 44 | 12 21 | 1 4 | 20 31 | 0 48 | 3 29 | 2 28 | 23 11 | 0 19 | 17 58 | 0 17 | 17 24 | 5 49 | 21 10 | 21 5 | 5 21 | 3 45 | 3 0 |
| T 7 | 22 22 | 20 24 | 0s39 | 20 36 | 1 39 | 17 59 | 1 44 | 12 3 | 1 3 | 20 33 | 0 48 | 3 30 | 2 28 | 23 11 | 0 19 | 17 59 | 0 17 | 17 25 | 5 49 | 21 10 | 21 5 | 5 23 | 3 45 | 3 0 |
| F 8 | 22 15 | 18 8 | 1 50 | 20 9 | 1 31 | 17 37 | 1 44 | 11 46 | 1 3 | 20 35 | 0 48 | 3 31 | 2 28 | 23 10 | 0 19 | 17 59 | 0 17 | 17 25 | 5 48 | 21 10 | 21 6 | 5 26 | 3 45 | 2 59 |
| S 9 | 22 7 | 14 59 | 2 53 | 19 42 | 1 23 | 17 14 | 1 44 | 11 29 | 1 2 | 20 37 | 0 48 | 3 32 | 2 27 | 23 10 | 0 19 | 18 0 | 0 17 | 17 25 | 5 48 | 21 10 | 21 7 | 5 28 | 3 46 | 2 59 |
| S 10 | 21 58 | 11 14 | 3 47 | 19 14 | 1 13 | 16 51 | 1 44 | 11 11 | 1 1 | 20 38 | 0 48 | 3 34 | 2 27 | 23 10 | 0 19 | 18 0 | 0 17 | 17 25 | 5 48 | 21 10 | 21 7 | 5 31 | 3 46 | 2 59 |
| M11 | 21 49 | 7 6 | 4 29 | 18 46 | 1 3 | 16 28 | 1 44 | 10 53 | 1 1 | 20 40 | 0 48 | 3 35 | 2 27 | 23 9 | 0 19 | 18 0 | 0 17 | 17 25 | 5 48 | 21 10 | 21 8 | 5 33 | 3 47 | 2 59 |
| T 12 | 21 40 | 2 45 | 4 58 | 18 18 | 0 51 | 16 4 | 1 44 | 10 36 | 1 0 | 20 42 | 0 48 | 3 36 | 2 27 | 23 9 | 0 19 | 18 1 | 0 17 | 17 25 | 5 48 | 21 10 | 21 8 | 5 35 | 3 47 | 2 58 |
| W13 | 21 30 | 1n38 | 5 14 | 17 50 | 0 39 | 15 40 | 1 43 | 10 18 | 0 59 | 20 44 | 0 48 | 3 37 | 2 26 | 23 9 | 0 19 | 18 1 | 0 17 | 17 25 | 5 48 | 21 10 | 21 9 | 5 38 | 3 48 | 2 58 |
| T 14 | 21 20 | 5 56 | 5 16 | 17 23 | 0 25 | 15 15 | 1 43 | 10 0 | 0 58 | 20 46 | 0 48 | 3 39 | 2 26 | 23 9 | 0 19 | 18 2 | 0 17 | 17 26 | 5 48 | 21 10 | 21 9 | 5 40 | 3 48 | 2 58 |
| F 15 | 21 9 | 10 2 | 5 5 | 16 57 | 0 11 | 14 50 | 1 42 | 9 42 | 0 58 | 20 47 | 0 48 | 3 40 | 2 26 | 23 8 | 0 19 | 18 2 | 0 17 | 17 26 | 5 48 | 21 10 | 21 10 | 5 43 | 3 49 | 2 58 |
| S 16 | 20 58 | 13 46 | 4 41 | 16 32 | 0n 5 | 14 24 | 1 42 | 9 24 | 0 57 | 20 49 | 0 48 | 3 42 | 2 26 | 23 8 | 0 19 | 18 2 | 0 17 | 17 26 | 5 48 | 21 10 | 21 11 | 5 45 | 3 49 | 2 58 |
| S 17 | 20 47 | 16 59 | 4 4 | 16 9 | 0 22 | 13 58 | 1 41 | 9 6 | 0 56 | 20 51 | 0 48 | 3 43 | 2 25 | 23 8 | 0 19 | 18 3 | 0 17 | 17 26 | 5 48 | 21 10 | 21 11 | 5 47 | 3 50 | 2 57 |
| M18 | 20 35 | 19 30 | 3 15 | 15 49 | 0 39 | 13 32 | 1 40 | 8 47 | 0 56 | 20 53 | 0 48 | 3 45 | 2 25 | 23 7 | 0 19 | 18 3 | 0 17 | 17 26 | 5 48 | 21 10 | 21 12 | 5 50 | 3 50 | 2 57 |
| T 19 | 20 23 | 21 8 | 2 15 | 15 31 | 0 57 | 13 5 | 1 40 | 8 29 | 0 55 | 20 54 | 0 48 | 3 46 | 2 25 | 23 7 | 0 19 | 18 4 | 0 17 | 17 26 | 5 47 | 21 10 | 21 12 | 5 52 | 3 51 | 2 57 |
| W20 | 20 10 | 21 42 | 1 7 | 15 15 | 1 16 | 12 38 | 1 39 | 8 11 | 0 54 | 20 56 | 0 48 | 3 48 | 2 25 | 23 7 | 0 19 | 18 4 | 0 17 | 17 26 | 5 47 | 21 10 | 21 13 | 5 55 | 3 51 | 2 57 |
| T 21 | 19 57 | 21 4 | 0n 6 | 15 3 | 1 34 | 12 11 | 1 38 | 7 52 | 0 53 | 20 57 | 0 48 | 3 49 | 2 25 | 23 6 | 0 19 | 18 5 | 0 17 | 17 27 | 5 47 | 21 9 | 21 13 | 5 57 | 3 52 | 2 56 |
| F 22 | 19 44 | 19 13 | 1 20 | 14 55 | 1 53 | 11 43 | 1 37 | 7 34 | 0 53 | 20 59 | 0 48 | 3 51 | 2 24 | 23 6 | 0 19 | 18 5 | 0 17 | 17 27 | 5 47 | 21 10 | 21 14 | 6 0 | 3 53 | 2 56 |
| S 23 | 19 30 | 16 13 | 2 31 | 14 50 | 2 11 | 11 15 | 1 35 | 7 15 | 0 52 | 21 0 | 0 48 | 3 52 | 2 24 | 23 6 | 0 19 | 18 6 | 0 17 | 17 27 | 5 47 | 21 10 | 21 14 | 6 2 | 3 53 | 2 56 |
| S 24 | 19 16 | 12 15 | 3 34 | 14 48 | 2 28 | 10 47 | 1 34 | 6 57 | 0 51 | 21 2 | 0 48 | 3 54 | 2 24 | 23 5 | 0 19 | 18 6 | 0 17 | 17 27 | 5 47 | 21 10 | 21 15 | 6 4 | 3 54 | 2 56 |
| M25 | 19 1 | 7 34 | 4 24 | 14 50 | 2 43 | 10 18 | 1 33 | 6 38 | 0 50 | 21 3 | 0 48 | 3 56 | 2 24 | 23 5 | 0 19 | 18 6 | 0 17 | 17 27 | 5 47 | 21 10 | 21 16 | 6 7 | 3 55 | 2 56 |
| T 26 | 18 46 | 2 27 | 4 59 | 14 55 | 2 57 | 9 50 | 1 32 | 6 19 | 0 50 | 21 5 | 0 48 | 3 58 | 2 23 | 23 5 | 0 19 | 18 7 | 0 17 | 17 27 | 5 47 | 21 10 | 21 16 | 6 9 | 3 56 | 2 55 |
| W27 | 18 31 | 2s47 | 5 15 | 15 3 | 3 9 | 9 21 | 1 30 | 6 0 | 0 49 | 21 6 | 0 48 | 3 59 | 2 23 | 23 4 | 0 19 | 18 7 | 0 17 | 17 28 | 5 47 | 21 10 | 21 17 | 6 12 | 3 56 | 2 55 |
| T 28 | 18 16 | 7 52 | 5 12 | 15 13 | 3 19 | 8 51 | 1 29 | 5 42 | 0 48 | 21 8 | 0 49 | 4 1 | 2 23 | 23 4 | 0 19 | 18 8 | 0 17 | 17 28 | 5 46 | 21 11 | 21 17 | 6 14 | 3 57 | 2 55 |
| F 29 | 18 0 | 12 30 | 4 50 | 15 25 | 3 26 | 8 22 | 1 27 | 5 23 | 0 47 | 21 9 | 0 49 | 4 3 | 2 23 | 23 4 | 0 19 | 18 8 | 0 17 | 17 28 | 5 46 | 21 11 | 21 18 | 6 16 | 3 58 | 2 55 |
| S 30 | 17 44 | 16 25 | 4 11 | 15 38 | 3 31 | 7 52 | 1 25 | 5 4 | 0 47 | 21 10 | 0 49 | 4 5 | 2 22 | 23 4 | 0 19 | 18 9 | 0 17 | 17 28 | 5 46 | 21 10 | 21 18 | 6 19 | 3 59 | 2 55 |
| S 31 | 17s27 | 19s23 | 3n17 | 15s53 | 3n33 | 7s22 | 1s23 | 4s45 | 0s46 | 21s12 | 0n49 | 4n 7 | 2s22 | 23s 3 | 0s19 | 18n 9 | 0s17 | 17n28 | 5s46 | 21n10 | 21n19 | 6n21 | 4n 0 | 2n54 |

Julian Day Number = 2601294.5, Delta T = 09m07s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'20, Lahiri = 29°35'22


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## FEBRUARY 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 44 53 | 11♒55'19 | 29♐44 | 2°R25 | 15♓44 | 20♓33 | 10♐50 | 16♈ 8 | 13♑15 | 7°R13 | 6°R20 | 24♋32 | 23♋38 | 29♈16 | 3♈23 | M 1 |
| T 2 | 8 48 50 | 12°56'20 | 13♑20 | 1♒26 | 16°57 | 21°19 | 10°59 | 16°13 | 13°18 | 7♎11 | 6♋19 | 24°33 | 23°35 | 29°23 | 3°26 | T 2 |
| W 3 | 8 52 46 | 13°57'19 | 26°43 | 0°36 | 18°10 | 22° 6 | 11° 8 | 16°18 | 13°22 | 7° 9 | 6°18 | 24°R33 | 23°32 | 29°30 | 3°28 | W 3 |
| T 4 | 8 56 43 | 14°58'18 | 9♒54 | 29♑54 | 19°24 | 22°52 | 11°18 | 16°22 | 13°25 | 7° 7 | 6°17 | 24°33 | 23°28 | 29°37 | 3°31 | T 4 |
| F 5 | 9 0 39 | 15°59'16 | 22°51 | 29°22 | 20°37 | 23°39 | 11°27 | 16°27 | 13°28 | 7° 6 | 6°16 | 24°31 | 23°25 | 29°43 | 3°34 | F 5 |
| S 6 | 9 4 36 | 17° 0'13 | 5♓34 | 28°58 | 21°50 | 24°25 | 11°35 | 16°32 | 13°31 | 7° 4 | 6°15 | 24°28 | 23°22 | 29°50 | 3°37 | S 6 |
| S 7 | 9 8 32 | 18° 1'09 | 18° 2 | 28°42 | 23° 3 | 25°12 | 11°44 | 16°37 | 13°34 | 7° 2 | 6°14 | 24°24 | 23°19 | 29°57 | 3°39 | S 7 |
| M 8 | 9 12 29 | 19° 2'04 | 0♈18 | 28°D35 | 24°16 | 25°58 | 11°53 | 16°42 | 13°37 | 7° 1 | 6°14 | 24°20 | 23°16 | 0♉ 3 | 3°42 | M 8 |
| T 9 | 9 16 25 | 20° 2'57 | 12°23 | 28°36 | 25°29 | 26°45 | 12° 1 | 16°48 | 13°41 | 6°59 | 6°13 | 24°16 | 23°13 | 0°10 | 3°45 | T 9 |
| W10 | 9 20 22 | 21° 3'50 | 24°19 | 28°44 | 26°42 | 27°31 | 12° 9 | 16°53 | 13°44 | 6°58 | 6°12 | 24°12 | 23° 9 | 0°17 | 3°48 | W10 |
| T 11 | 9 24 19 | 22° 4'41 | 6♉12 | 28°59 | 27°55 | 28°17 | 12°18 | 16°58 | 13°47 | 6°56 | 6°11 | 24° 9 | 23° 6 | 0°24 | 3°51 | T 11 |
| F 12 | 9 28 15 | 23° 5'30 | 18° 4 | 29°21 | 29° 8 | 29° 4 | 12°26 | 17° 4 | 13°50 | 6°54 | 6°10 | 24°D 8 | 23° 3 | 0°30 | 3°54 | F 12 |
| S 13 | 9 32 12 | 24° 6'19 | 0♊ 1 | 29°48 | 0♈20 | 29°50 | 12°34 | 17° 9 | 13°53 | 6°53 | 6°10 | 24° 8 | 23° 0 | 0°37 | 3°57 | S 13 |
| S 14 | 9 36 8 | 25° 7'05 | 12° 7 | 0♒20 | 1°33 | 0♈36 | 12°42 | 17°15 | 13°56 | 6°51 | 6° 9 | 24° 9 | 22°57 | 0°44 | 4° 0 | S 14 |
| M15 | 9 40 5 | 26° 7'51 | 24°28 | 0°58 | 2°46 | 1°22 | 12°49 | 17°20 | 13°58 | 6°49 | 6° 8 | 24°11 | 22°54 | 0°51 | 4° 3 | M15 |
| T 16 | 9 44 1 | 27° 8'35 | 7♋ 8 | 1°39 | 3°58 | 2° 9 | 12°57 | 17°26 | 14° 1 | 6°48 | 6° 7 | 24°13 | 22°50 | 0°57 | 4° 7 | T 16 |
| W17 | 9 47 58 | 28° 9'17 | 20°10 | 2°25 | 5°10 | 2°55 | 13° 4 | 17°32 | 14° 4 | 6°46 | 6° 7 | 24°R14 | 22°47 | 1° 4 | 4°10 | W17 |
| T 18 | 9 51 54 | 29° 9'58 | 3♌36 | 3°15 | 6°23 | 3°41 | 13°12 | 17°37 | 14° 7 | 6°45 | 6° 6 | 24°13 | 22°44 | 1°11 | 4°13 | T 18 |
| F 19 | 9 55 51 | 0♓10'37 | 17°26 | 4° 8 | 7°35 | 4°27 | 13°19 | 17°43 | 14°10 | 6°43 | 6° 5 | 24°11 | 22°41 | 1°17 | 4°16 | F 19 |
| S 20 | 9 59 48 | 1°11'15 | 1♍38 | 5° 4 | 8°47 | 5°13 | 13°26 | 17°49 | 14°13 | 6°42 | 6° 5 | 24° 8 | 22°38 | 1°24 | 4°19 | S 20 |
| S 21 | 10 3 44 | 2°11'52 | 16° 7 | 6° 3 | 9°59 | 5°59 | 13°33 | 17°55 | 14°15 | 6°40 | 6° 4 | 24° 2 | 22°34 | 1°31 | 4°23 | S 21 |
| M22 | 10 7 41 | 3°12'27 | 0♎47 | 7° 5 | 11°11 | 6°45 | 13°39 | 18° 1 | 14°18 | 6°39 | 6° 4 | 23°56 | 22°31 | 1°38 | 4°26 | M22 |
| T 23 | 10 11 37 | 4°13'01 | 15°31 | 8° 9 | 12°23 | 7°31 | 13°46 | 18° 7 | 14°21 | 6°37 | 6° 3 | 23°50 | 22°28 | 1°44 | 4°29 | T 23 |
| W24 | 10 15 34 | 5°13'33 | 0♏10 | 9°16 | 13°35 | 8°17 | 13°52 | 18°13 | 14°23 | 6°36 | 6° 2 | 23°45 | 22°25 | 1°51 | 4°33 | W24 |
| T 25 | 10 19 30 | 6°14'05 | 14°39 | 10°25 | 14°46 | 9° 3 | 13°58 | 18°20 | 14°26 | 6°34 | 6° 2 | 23°41 | 22°22 | 1°58 | 4°36 | T 25 |
| F 26 | 10 23 27 | 7°14'35 | 28°54 | 11°35 | 15°58 | 9°49 | 14° 5 | 18°26 | 14°28 | 6°33 | 6° 1 | 23°39 | 22°19 | 2° 4 | 4°40 | F 26 |
| S 27 | 10 27 23 | 8°15'04 | 12♐53 | 12°48 | 17° 9 | 10°35 | 14°11 | 18°32 | 14°31 | 6°32 | 6° 1 | 23°D39 | 22°15 | 2°11 | 4°43 | S 27 |
| S 28 | 10 31 20 | 9♓15'32 | 26♐35 | 14♒ 2 | 18♈21 | 11♈21 | 14♐16 | 18♈39 | 14♑33 | 6♎30 | 6♋ 1 | 23♋40 | 22♋12 | 2♉18 | 4♈46 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s11 | 21s10 | 2n13 | 16s 8 | 3n32 | 6s52 | 1s22 | 4s26 | 0s45 | 21s13 | 0n49 | 4n 9 | 2s22 | 23s 3 | 0s19 | 18n 9 | 0s17 | 17n28 | 5s46 | 21n10 | 21n19 | 6n24 | 4n 0 | 2n54 |
| T 2 | 16 54 | 21 42 | 1 2 | 16 23 | 3 30 | 6 22 | 1 20 | 4 7 | 0 44 | 21 14 | 0 49 | 4 11 | 2 22 | 23 3 | 0 19 | 18 10 | 0 17 | 17 29 | 5 46 | 21 10 | 21 20 | 6 26 | 4 1 | 2 54 |
| W 3 | 16 36 | 20 58 | 0s12 | 16 38 | 3 25 | 5 51 | 1 18 | 3 48 | 0 44 | 21 15 | 0 49 | 4 13 | 2 22 | 23 2 | 0 19 | 18 10 | 0 17 | 17 29 | 5 46 | 21 10 | 21 20 | 6 29 | 4 2 | 2 54 |
| T 4 | 16 18 | 19 4 | 1 24 | 16 53 | 3 19 | 5 21 | 1 15 | 3 29 | 0 43 | 21 17 | 0 49 | 4 15 | 2 21 | 23 2 | 0 19 | 18 11 | 0 17 | 17 29 | 5 46 | 21 10 | 21 21 | 6 31 | 4 3 | 2 54 |
| F 5 | 16 0 | 16 13 | 2 30 | 17 7 | 3 12 | 4 50 | 1 13 | 3 10 | 0 42 | 21 18 | 0 49 | 4 17 | 2 21 | 23 2 | 0 19 | 18 11 | 0 17 | 17 29 | 5 45 | 21 10 | 21 22 | 6 33 | 4 4 | 2 53 |
| S 6 | 15 42 | 12 39 | 3 27 | 17 20 | 3 3 | 4 19 | 1 11 | 2 51 | 0 41 | 21 19 | 0 49 | 4 19 | 2 21 | 23 1 | 0 19 | 18 12 | 0 17 | 17 29 | 5 45 | 21 11 | 21 22 | 6 36 | 4 5 | 2 53 |
| S 7 | 15 24 | 8 36 | 4 13 | 17 33 | 2 53 | 3 48 | 1 9 | 2 32 | 0 41 | 21 20 | 0 49 | 4 21 | 2 21 | 23 1 | 0 19 | 18 12 | 0 17 | 17 30 | 5 45 | 21 11 | 21 23 | 6 38 | 4 6 | 2 53 |
| M 8 | 15 5 | 4 16 | 4 46 | 17 44 | 2 43 | 3 17 | 1 6 | 2 13 | 0 40 | 21 21 | 0 49 | 4 23 | 2 21 | 23 1 | 0 20 | 18 13 | 0 17 | 17 30 | 5 45 | 21 12 | 21 23 | 6 41 | 4 7 | 2 53 |
| T 9 | 14 46 | 0n10 | 5 7 | 17 55 | 2 32 | 2 46 | 1 4 | 1 53 | 0 39 | 21 22 | 0 49 | 4 25 | 2 20 | 23 0 | 0 20 | 18 13 | 0 17 | 17 30 | 5 45 | 21 13 | 21 24 | 6 43 | 4 8 | 2 53 |
| W10 | 14 27 | 4 33 | 5 13 | 18 4 | 2 21 | 2 15 | 1 1 | 1 34 | 0 38 | 21 23 | 0 49 | 4 27 | 2 20 | 23 0 | 0 20 | 18 13 | 0 17 | 17 30 | 5 45 | 21 13 | 21 24 | 6 45 | 4 9 | 2 52 |
| T 11 | 14 7 | 8 44 | 5 6 | 18 12 | 2 9 | 1 44 | 0 59 | 1 15 | 0 38 | 21 24 | 0 49 | 4 30 | 2 20 | 23 0 | 0 20 | 18 14 | 0 17 | 17 30 | 5 45 | 21 14 | 21 25 | 6 48 | 4 10 | 2 52 |
| F 12 | 13 47 | 12 35 | 4 47 | 18 19 | 1 58 | 1 12 | 0 56 | 0 56 | 0 37 | 21 25 | 0 49 | 4 32 | 2 20 | 23 0 | 0 20 | 18 14 | 0 17 | 17 30 | 5 44 | 21 14 | 21 25 | 6 50 | 4 11 | 2 52 |
| S 13 | 13 27 | 15 58 | 4 14 | 18 25 | 1 46 | 0 41 | 0 53 | 0 37 | 0 36 | 21 26 | 0 49 | 4 34 | 2 20 | 22 59 | 0 20 | 18 15 | 0 17 | 17 31 | 5 44 | 21 14 | 21 26 | 6 53 | 4 12 | 2 52 |
| S 14 | 13 7 | 18 43 | 3 30 | 18 30 | 1 34 | 0 9 | 0 51 | 0 18 | 0 35 | 21 27 | 0 49 | 4 36 | 2 19 | 22 59 | 0 20 | 18 15 | 0 17 | 17 31 | 5 44 | 21 14 | 21 26 | 6 55 | 4 13 | 2 52 |
| M15 | 12 47 | 20 41 | 2 36 | 18 33 | 1 23 | 0n22 | 0 48 | 0n 1 | 0 35 | 21 28 | 0 49 | 4 39 | 2 19 | 22 59 | 0 20 | 18 15 | 0 17 | 17 31 | 5 44 | 21 14 | 21 27 | 6 57 | 4 14 | 2 52 |
| T 16 | 12 26 | 21 40 | 1 32 | 18 35 | 1 11 | 0 53 | 0 45 | 0 20 | 0 34 | 21 29 | 0 50 | 4 41 | 2 19 | 22 58 | 0 20 | 18 16 | 0 17 | 17 31 | 5 44 | 21 13 | 21 27 | 7 0 | 4 15 | 2 51 |
| W17 | 12 5 | 21 31 | 0 22 | 18 36 | 1 0 | 1 25 | 0 42 | 0 39 | 0 33 | 21 30 | 0 50 | 4 43 | 2 19 | 22 58 | 0 20 | 18 16 | 0 17 | 17 31 | 5 44 | 21 13 | 21 28 | 7 2 | 4 16 | 2 51 |
| T 18 | 11 44 | 20 8 | 0n51 | 18 36 | 0 49 | 1 56 | 0 39 | 0 58 | 0 32 | 21 31 | 0 50 | 4 46 | 2 19 | 22 58 | 0 20 | 18 17 | 0 17 | 17 32 | 5 44 | 21 13 | 21 28 | 7 5 | 4 17 | 2 51 |
| F 19 | 11 23 | 17 32 | 2 3 | 18 34 | 0 38 | 2 27 | 0 36 | 1 17 | 0 31 | 21 31 | 0 50 | 4 48 | 2 19 | 22 58 | 0 20 | 18 17 | 0 17 | 17 32 | 5 43 | 21 14 | 21 29 | 7 7 | 4 19 | 2 51 |
| S 20 | 11 2 | 13 49 | 3 9 | 18 31 | 0 27 | 2 59 | 0 32 | 1 36 | 0 31 | 21 32 | 0 50 | 4 51 | 2 18 | 22 57 | 0 20 | 18 17 | 0 16 | 17 32 | 5 43 | 21 14 | 21 29 | 7 10 | 4 20 | 2 51 |
| S 21 | 10 40 | 9 13 | 4 5 | 18 26 | 0 17 | 3 30 | 0 29 | 1 55 | 0 30 | 21 33 | 0 50 | 4 53 | 2 18 | 22 57 | 0 20 | 18 18 | 0 16 | 17 32 | 5 43 | 21 15 | 21 30 | 7 12 | 4 21 | 2 51 |
| M22 | 10 18 | 4 3 | 4 45 | 18 21 | 0 7 | 4 1 | 0 26 | 2 14 | 0 29 | 21 34 | 0 50 | 4 55 | 2 18 | 22 57 | 0 20 | 18 18 | 0 16 | 17 32 | 5 43 | 21 16 | 21 31 | 7 14 | 4 22 | 2 50 |
| T 23 | 9 56 | 1s23 | 5 6 | 18 14 | 0s 3 | 4 32 | 0 22 | 2 33 | 0 28 | 21 34 | 0 50 | 4 58 | 2 18 | 22 57 | 0 20 | 18 19 | 0 16 | 17 32 | 5 43 | 21 17 | 21 31 | 7 17 | 4 23 | 2 50 |
| W24 | 9 34 | 6 42 | 5 8 | 18 6 | 0 12 | 5 3 | 0 19 | 2 51 | 0 28 | 21 35 | 0 50 | 5 0 | 2 18 | 22 56 | 0 20 | 18 19 | 0 16 | 17 33 | 5 43 | 21 18 | 21 32 | 7 19 | 4 24 | 2 50 |
| T 25 | 9 12 | 11 35 | 4 49 | 17 56 | 0 21 | 5 34 | 0 16 | 3 10 | 0 27 | 21 36 | 0 50 | 5 3 | 2 18 | 22 56 | 0 20 | 18 19 | 0 16 | 17 33 | 5 42 | 21 19 | 21 32 | 7 22 | 4 26 | 2 50 |
| F 26 | 8 50 | 15 45 | 4 13 | 17 45 | 0 30 | 6 5 | 0 12 | 3 29 | 0 26 | 21 36 | 0 50 | 5 5 | 2 18 | 22 56 | 0 20 | 18 20 | 0 16 | 17 33 | 5 42 | 21 19 | 21 33 | 7 24 | 4 27 | 2 50 |
| S 27 | 8 27 | 18 57 | 3 22 | 17 33 | 0 39 | 6 36 | 0 8 | 3 47 | 0 25 | 21 37 | 0 50 | 5 8 | 2 17 | 22 56 | 0 20 | 18 20 | 0 16 | 17 33 | 5 42 | 21 19 | 21 33 | 7 26 | 4 28 | 2 50 |
| S 28 | 8s 5 | 20s59 | 2n21 | 17s20 | 0s47 | 7n 6 | 0s 5 | 4n 6 | 0s25 | 21s38 | 0n50 | 5n10 | 2s17 | 22s55 | 0s20 | 18n20 | 0s16 | 17n33 | 5s42 | 21n19 | 21n34 | 7n29 | 4n29 | 2n50 |

Julian Day Number = 2601325.5, Delta T = 09m07s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'25, Lahiri = 29°35'26


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## MARCH 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 35 17 | 10♓15'58 | 10♑ 2 | 15♒18 | 19♈32 | 12♈ 6 | 14♐22 | 18♈45 | 14♑36 | 6°R29 | 6°R 0 | 23♋41 | 22♋ 9 | 2♉25 | 4♈50 | M 1 |
| T 2 | 10 39 13 | 11°16'24 | 23°14 | 16°36 | 20°43 | 12°52 | 14°28 | 18°52 | 14°38 | 6♎28 | 6♋ 0 | 23°R42 | 22° 6 | 2°31 | 4°53 | T 2 |
| W 3 | 10 43 10 | 12°16'47 | 6♒13 | 17°55 | 21°54 | 13°38 | 14°33 | 18°58 | 14°40 | 6°26 | 5°59 | 23°41 | 22° 3 | 2°38 | 4°57 | W 3 |
| T 4 | 10 47 6 | 13°17'10 | 19° 1 | 19°16 | 23° 5 | 14°24 | 14°38 | 19° 5 | 14°43 | 6°25 | 5°59 | 23°38 | 22° 0 | 2°45 | 5° 1 | T 4 |
| F 5 | 10 51 3 | 14°17'30 | 1♓39 | 20°38 | 24°16 | 15° 9 | 14°43 | 19°11 | 14°45 | 6°24 | 5°58 | 23°32 | 21°56 | 2°51 | 5° 4 | F 5 |
| S 6 | 10 54 59 | 15°17'49 | 14° 6 | 22° 1 | 25°27 | 15°55 | 14°48 | 19°18 | 14°47 | 6°22 | 5°58 | 23°24 | 21°53 | 2°58 | 5° 8 | S 6 |
| S 7 | 10 58 56 | 16°18'07 | 26°23 | 23°25 | 26°37 | 16°40 | 14°53 | 19°25 | 14°49 | 6°21 | 5°58 | 23°15 | 21°50 | 3° 5 | 5°11 | S 7 |
| M 8 | 11 2 52 | 17°18'22 | 8♈32 | 24°51 | 27°48 | 17°26 | 14°57 | 19°32 | 14°52 | 6°20 | 5°58 | 23° 4 | 21°47 | 3°12 | 5°15 | M 8 |
| T 9 | 11 6 49 | 18°18'36 | 20°33 | 26°18 | 28°58 | 18°11 | 15° 1 | 19°38 | 14°54 | 6°19 | 5°57 | 22°53 | 21°44 | 3°18 | 5°18 | T 9 |
| W10 | 11 10 46 | 19°18'47 | 2♉27 | 27°47 | 0♉ 8 | 18°57 | 15° 6 | 19°45 | 14°56 | 6°18 | 5°57 | 22°43 | 21°40 | 3°25 | 5°22 | W10 |
| T 11 | 11 14 42 | 20°18'57 | 14°18 | 29°16 | 1°18 | 19°42 | 15°10 | 19°52 | 14°58 | 6°16 | 5°57 | 22°35 | 21°37 | 3°32 | 5°26 | T 11 |
| F 12 | 11 18 39 | 21°19'05 | 26° 9 | 0♓46 | 2°28 | 20°27 | 15°13 | 19°59 | 15° 0 | 6°15 | 5°57 | 22°29 | 21°34 | 3°39 | 5°29 | F 12 |
| S 13 | 11 22 35 | 22°19'11 | 8♊ 4 | 2°18 | 3°38 | 21°13 | 15°17 | 20° 6 | 15° 2 | 6°14 | 5°56 | 22°26 | 21°31 | 3°45 | 5°33 | S 13 |
| S 14 | 11 26 32 | 23°19'15 | 20° 7 | 3°51 | 4°48 | 21°58 | 15°20 | 20°13 | 15° 3 | 6°13 | 5°56 | 22°D25 | 21°28 | 3°52 | 5°37 | S 14 |
| M15 | 11 30 28 | 24°19'16 | 2♋24 | 5°25 | 5°58 | 22°43 | 15°24 | 20°20 | 15° 5 | 6°12 | 5°56 | 22°25 | 21°25 | 3°59 | 5°40 | M15 |
| T 16 | 11 34 25 | 25°19'16 | 14°59 | 7° 0 | 7° 7 | 23°28 | 15°27 | 20°27 | 15° 7 | 6°11 | 5°56 | 22°26 | 21°21 | 4° 5 | 5°44 | T 16 |
| W17 | 11 38 21 | 26°19'13 | 27°58 | 8°37 | 8°16 | 24°14 | 15°30 | 20°34 | 15° 9 | 6°10 | 5°56 | 22°R26 | 21°18 | 4°12 | 5°48 | W17 |
| T 18 | 11 42 18 | 27°19'08 | 11♌24 | 10°14 | 9°25 | 24°59 | 15°33 | 20°41 | 15°10 | 6° 9 | 5°56 | 22°24 | 21°15 | 4°19 | 5°52 | T 18 |
| F 19 | 11 46 15 | 28°19'01 | 25°19 | 11°53 | 10°34 | 25°44 | 15°35 | 20°49 | 15°12 | 6° 8 | 5°56 | 22°20 | 21°12 | 4°26 | 5°55 | F 19 |
| S 20 | 11 50 11 | 29°18'52 | 9♍41 | 13°32 | 11°43 | 26°29 | 15°38 | 20°56 | 15°14 | 6° 8 | 5°D56 | 22°14 | 21° 9 | 4°32 | 5°59 | S 20 |
| S 21 | 11 54 8 | 0♈18'41 | 24°28 | 15°13 | 12°52 | 27°14 | 15°40 | 21° 3 | 15°15 | 6° 7 | 5°56 | 22° 5 | 21° 5 | 4°39 | 6° 3 | S 21 |
| M22 | 11 58 4 | 1°18'28 | 9♎30 | 16°55 | 14° 0 | 27°59 | 15°42 | 21°10 | 15°17 | 6° 6 | 5°56 | 21°54 | 21° 2 | 4°46 | 6° 7 | M22 |
| T 23 | 12 2 1 | 2°18'13 | 24°39 | 18°39 | 15° 8 | 28°43 | 15°44 | 21°18 | 15°18 | 6° 5 | 5°56 | 21°44 | 20°59 | 4°52 | 6°10 | T 23 |
| W24 | 12 5 57 | 3°17'56 | 9♏43 | 20°23 | 16°16 | 29°28 | 15°45 | 21°25 | 15°19 | 6° 4 | 5°56 | 21°35 | 20°56 | 4°59 | 6°14 | W24 |
| T 25 | 12 9 54 | 4°17'37 | 24°34 | 22° 9 | 17°24 | 0♉13 | 15°47 | 21°32 | 15°21 | 6° 4 | 5°56 | 21°27 | 20°53 | 5° 6 | 6°18 | T 25 |
| F 26 | 12 13 50 | 5°17'17 | 9♐ 5 | 23°56 | 18°32 | 0°58 | 15°48 | 21°40 | 15°22 | 6° 3 | 5°56 | 21°22 | 20°50 | 5°13 | 6°22 | F 26 |
| S 27 | 12 17 47 | 6°16'55 | 23°12 | 25°44 | 19°40 | 1°42 | 15°49 | 21°47 | 15°23 | 6° 2 | 5°56 | 21°20 | 20°46 | 5°19 | 6°25 | S 27 |
| S 28 | 12 21 43 | 7°16'32 | 6♑55 | 27°34 | 20°47 | 2°27 | 15°50 | 21°54 | 15°25 | 6° 1 | 5°57 | 21°D19 | 20°43 | 5°26 | 6°29 | S 28 |
| M29 | 12 25 40 | 8°16'06 | 20°16 | 29°24 | 21°54 | 3°12 | 15°51 | 22° 2 | 15°26 | 6° 1 | 5°57 | 21°R19 | 20°40 | 5°33 | 6°33 | M29 |
| T 30 | 12 29 37 | 9°15'39 | 3♒18 | 1♈16 | 23° 1 | 3°56 | 15°51 | 22° 9 | 15°27 | 6° 0 | 5°57 | 21°19 | 20°37 | 5°39 | 6°37 | T 30 |
| W31 | 12 33 33 | 10♈15'11 | 16♒ 3 | 3♈10 | 24♉ 8 | 4♉41 | 15♐52 | 22♈17 | 15♑28 | 6♎ 0 | 5♋57 | 21♋17 | 20♋34 | 5♉46 | 6♈40 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s42 | 21s47 | 1n13 | 17s 5 | 0s55 | 7n36 | 0s 1 | 4n25 | 0s24 | 21s38 | 0n50 | 5n13 | 2s17 | 22s55 | 0s20 | 18n21 | 0s16 | 17n34 | 5s42 | 21n19 | 21n34 | 7n31 | 4n31 | 2n49 |
| T 2 | 7 19 | 21 21 | 0 2 | 16 49 | 1 2 | 8 7 | 0n 2 | 4 43 | 0 23 | 21 39 | 0 50 | 5 16 | 2 17 | 22 55 | 0 20 | 18 21 | 0 16 | 17 34 | 5 42 | 21 19 | 21 35 | 7 34 | 4 32 | 2 49 |
| W 3 | 6 56 | 19 45 | 1s 7 | 16 32 | 1 9 | 8 37 | 0 6 | 5 1 | 0 22 | 21 39 | 0 51 | 5 18 | 2 17 | 22 55 | 0 20 | 18 21 | 0 16 | 17 34 | 5 41 | 21 19 | 21 35 | 7 36 | 4 33 | 2 49 |
| T 4 | 6 33 | 17 11 | 2 12 | 16 13 | 1 16 | 9 6 | 0 10 | 5 20 | 0 22 | 21 40 | 0 51 | 5 21 | 2 17 | 22 54 | 0 20 | 18 22 | 0 16 | 17 34 | 5 41 | 21 19 | 21 36 | 7 39 | 4 34 | 2 49 |
| F 5 | 6 10 | 13 49 | 3 9 | 15 53 | 1 23 | 9 36 | 0 14 | 5 38 | 0 21 | 21 40 | 0 51 | 5 23 | 2 17 | 22 54 | 0 20 | 18 22 | 0 16 | 17 34 | 5 41 | 21 20 | 21 36 | 7 41 | 4 36 | 2 49 |
| S 6 | 5 47 | 9 53 | 3 57 | 15 32 | 1 29 | 10 6 | 0 18 | 5 56 | 0 20 | 21 41 | 0 51 | 5 26 | 2 16 | 22 54 | 0 20 | 18 22 | 0 16 | 17 35 | 5 41 | 21 22 | 21 37 | 7 43 | 4 37 | 2 49 |
| S 7 | 5 24 | 5 36 | 4 32 | 15 10 | 1 35 | 10 35 | 0 22 | 6 14 | 0 19 | 21 41 | 0 51 | 5 29 | 2 16 | 22 54 | 0 20 | 18 23 | 0 16 | 17 35 | 5 41 | 21 23 | 21 37 | 7 46 | 4 38 | 2 49 |
| M 8 | 5 0 | 1 9 | 4 55 | 14 47 | 1 40 | 11 4 | 0 25 | 6 32 | 0 19 | 21 42 | 0 51 | 5 31 | 2 16 | 22 54 | 0 20 | 18 23 | 0 16 | 17 35 | 5 40 | 21 25 | 21 38 | 7 48 | 4 40 | 2 49 |
| T 9 | 4 37 | 3n18 | 5 4 | 14 22 | 1 45 | 11 33 | 0 29 | 6 50 | 0 18 | 21 42 | 0 51 | 5 34 | 2 16 | 22 53 | 0 20 | 18 23 | 0 16 | 17 35 | 5 40 | 21 27 | 21 38 | 7 51 | 4 41 | 2 48 |
| W10 | 4 13 | 7 35 | 5 0 | 13 56 | 1 50 | 12 1 | 0 33 | 7 8 | 0 17 | 21 42 | 0 51 | 5 37 | 2 16 | 22 53 | 0 20 | 18 24 | 0 16 | 17 35 | 5 40 | 21 29 | 21 39 | 7 53 | 4 42 | 2 48 |
| T 11 | 3 50 | 11 35 | 4 43 | 13 29 | 1 54 | 12 29 | 0 37 | 7 26 | 0 16 | 21 43 | 0 51 | 5 39 | 2 16 | 22 53 | 0 20 | 18 24 | 0 16 | 17 35 | 5 40 | 21 30 | 21 39 | 7 55 | 4 44 | 2 48 |
| F 12 | 3 26 | 15 8 | 4 14 | 13 1 | 1 58 | 12 57 | 0 41 | 7 44 | 0 16 | 21 43 | 0 51 | 5 42 | 2 16 | 22 53 | 0 20 | 18 24 | 0 16 | 17 36 | 5 40 | 21 31 | 21 40 | 7 58 | 4 45 | 2 48 |
| S 13 | 3 2 | 18 5 | 3 34 | 12 31 | 2 1 | 13 25 | 0 45 | 8 2 | 0 15 | 21 43 | 0 51 | 5 45 | 2 16 | 22 53 | 0 20 | 18 25 | 0 16 | 17 36 | 5 40 | 21 31 | 21 40 | 8 0 | 4 46 | 2 48 |
| S 14 | 2 39 | 20 18 | 2 44 | 12 1 | 2 5 | 13 52 | 0 50 | 8 19 | 0 14 | 21 44 | 0 51 | 5 47 | 2 16 | 22 52 | 0 20 | 18 25 | 0 16 | 17 36 | 5 39 | 21 32 | 21 41 | 8 3 | 4 48 | 2 48 |
| M15 | 2 15 | 21 37 | 1 45 | 11 29 | 2 7 | 14 19 | 0 54 | 8 37 | 0 13 | 21 44 | 0 51 | 5 50 | 2 15 | 22 52 | 0 20 | 18 25 | 0 16 | 17 36 | 5 39 | 21 32 | 21 41 | 8 5 | 4 49 | 2 48 |
| T 16 | 1 51 | 21 53 | 0 40 | 10 56 | 2 10 | 14 46 | 0 58 | 8 54 | 0 13 | 21 44 | 0 52 | 5 53 | 2 15 | 22 52 | 0 20 | 18 25 | 0 16 | 17 36 | 5 39 | 21 31 | 21 42 | 8 7 | 4 50 | 2 48 |
| W17 | 1 28 | 21 0 | 0n29 | 10 21 | 2 12 | 15 12 | 1 2 | 9 11 | 0 12 | 21 45 | 0 52 | 5 56 | 2 15 | 22 52 | 0 20 | 18 26 | 0 16 | 17 37 | 5 39 | 21 31 | 21 42 | 8 10 | 4 52 | 2 48 |
| T 18 | 1 4 | 18 55 | 1 39 | 9 46 | 2 13 | 15 38 | 1 6 | 9 28 | 0 11 | 21 45 | 0 52 | 5 58 | 2 15 | 22 52 | 0 20 | 18 26 | 0 16 | 17 37 | 5 39 | 21 32 | 21 43 | 8 12 | 4 53 | 2 48 |
| F 19 | 0 40 | 15 39 | 2 45 | 9 10 | 2 14 | 16 4 | 1 10 | 9 46 | 0 11 | 21 45 | 0 52 | 6 1 | 2 15 | 22 51 | 0 20 | 18 26 | 0 16 | 17 37 | 5 39 | 21 32 | 21 43 | 8 15 | 4 55 | 2 47 |
| S 20 | 0 16 | 11 22 | 3 43 | 8 32 | 2 15 | 16 30 | 1 14 | 10 2 | 0 10 | 21 45 | 0 52 | 6 4 | 2 15 | 22 51 | 0 20 | 18 26 | 0 16 | 17 37 | 5 38 | 21 33 | 21 44 | 8 17 | 4 56 | 2 47 |
| S 21 | 0n 7 | 6 18 | 4 28 | 7 53 | 2 15 | 16 54 | 1 18 | 10 19 | 0 9 | 21 45 | 0 52 | 6 7 | 2 15 | 22 51 | 0 20 | 18 27 | 0 16 | 17 37 | 5 38 | 21 35 | 21 44 | 8 19 | 4 57 | 2 47 |
| M22 | 0 31 | 0 46 | 4 55 | 7 13 | 2 15 | 17 19 | 1 22 | 10 36 | 0 8 | 21 45 | 0 52 | 6 9 | 2 15 | 22 51 | 0 20 | 18 27 | 0 16 | 17 37 | 5 38 | 21 36 | 21 45 | 8 22 | 4 59 | 2 47 |
| T 23 | 0 55 | 4s51 | 5 1 | 6 32 | 2 14 | 17 43 | 1 27 | 10 53 | 0 8 | 21 46 | 0 52 | 6 12 | 2 15 | 22 51 | 0 20 | 18 27 | 0 16 | 17 38 | 5 38 | 21 38 | 21 45 | 8 24 | 5 0 | 2 47 |
| W24 | 1 19 | 10 9 | 4 47 | 5 50 | 2 13 | 18 7 | 1 31 | 11 9 | 0 7 | 21 46 | 0 52 | 6 15 | 2 15 | 22 51 | 0 20 | 18 27 | 0 16 | 17 38 | 5 38 | 21 40 | 21 46 | 8 27 | 5 2 | 2 47 |
| T 25 | 1 42 | 14 46 | 4 13 | 5 7 | 2 11 | 18 30 | 1 35 | 11 26 | 0 6 | 21 46 | 0 52 | 6 18 | 2 15 | 22 51 | 0 21 | 18 27 | 0 16 | 17 38 | 5 37 | 21 41 | 21 46 | 8 29 | 5 3 | 2 47 |
| F 26 | 2 6 | 18 24 | 3 24 | 4 23 | 2 9 | 18 53 | 1 39 | 11 42 | 0 5 | 21 46 | 0 52 | 6 20 | 2 15 | 22 51 | 0 21 | 18 28 | 0 16 | 17 38 | 5 37 | 21 42 | 21 47 | 8 31 | 5 4 | 2 47 |
| S 27 | 2 29 | 20 50 | 2 23 | 3 38 | 2 7 | 19 16 | 1 43 | 11 58 | 0 5 | 21 46 | 0 52 | 6 23 | 2 15 | 22 50 | 0 21 | 18 28 | 0 16 | 17 38 | 5 37 | 21 42 | 21 47 | 8 34 | 5 6 | 2 47 |
| S 28 | 2 53 | 21 57 | 1 16 | 2 52 | 2 4 | 19 38 | 1 47 | 12 14 | 0 4 | 21 46 | 0 52 | 6 26 | 2 15 | 22 50 | 0 21 | 18 28 | 0 16 | 17 39 | 5 37 | 21 42 | 21 48 | 8 36 | 5 7 | 2 47 |
| M29 | 3 16 | 21 46 | 0 6 | 2 4 | 2 0 | 19 59 | 1 51 | 12 30 | 0 3 | 21 46 | 0 52 | 6 29 | 2 14 | 22 50 | 0 21 | 18 28 | 0 16 | 17 39 | 5 37 | 21 42 | 21 48 | 8 39 | 5 9 | 2 47 |
| T 30 | 3 40 | 20 24 | 1s 3 | 1 16 | 1 56 | 20 21 | 1 55 | 12 46 | 0 3 | 21 46 | 0 53 | 6 32 | 2 14 | 22 50 | 0 21 | 18 28 | 0 16 | 17 39 | 5 37 | 21 42 | 21 48 | 8 41 | 5 10 | 2 47 |
| W31 | 4n 3 | 18s 0 | 2s 7 | 0s27 | 1s51 | 20n41 | 1n59 | 13n 1 | 0s 2 | 21s46 | 0n53 | 6n34 | 2s14 | 22s50 | 0s21 | 18n29 | 0s16 | 17n39 | 5s36 | 21n42 | 21n49 | 8n43 | 5n12 | 2n47 |

Julian Day Number = 2601353.5, Delta T = 09m08s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'28, Lahiri = 29°35'30


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## APRIL 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 37 30 | 11♈14'40 | 28♒35 | 5♈ 4 | 25♉14 | 5♉25 | 15°R52 | 22♈24 | 15♏29 | 5°R59 | 5♋57 | 21°R12 | 20♋31 | 5♉53 | 6♈44 | T 1 |
| F 2 | 12 41 26 | 12°14'08 | 10♓56 | 7° 0 | 26°21 | 6°10 | 15♐52 | 22°32 | 15°30 | 5♎59 | 5°58 | 21♋ 4 | 20°27 | 6° 0 | 6°48 | F 2 |
| S 3 | 12 45 23 | 13°13'33 | 23° 9 | 8°57 | 27°27 | 6°54 | 15°52 | 22°39 | 15°31 | 5°58 | 5°58 | 20°54 | 20°24 | 6° 6 | 6°52 | S 3 |
| S 4 | 12 49 19 | 14°12'57 | 5♈14 | 10°55 | 28°33 | 7°38 | 15°51 | 22°47 | 15°31 | 5°58 | 5°58 | 20°41 | 20°21 | 6°13 | 6°55 | S 4 |
| M 5 | 12 53 16 | 15°12'19 | 17°15 | 12°55 | 29°38 | 8°23 | 15°51 | 22°54 | 15°32 | 5°57 | 5°59 | 20°26 | 20°18 | 6°20 | 6°59 | M 5 |
| T 6 | 12 57 12 | 16°11'38 | 29°10 | 14°55 | 0♊44 | 9° 7 | 15°50 | 23° 2 | 15°33 | 5°57 | 5°59 | 20°12 | 20°15 | 6°26 | 7° 3 | T 6 |
| W 7 | 13 1 9 | 17°10'56 | 11♉ 2 | 16°56 | 1°49 | 9°51 | 15°49 | 23° 9 | 15°34 | 5°57 | 5°59 | 19°58 | 20°11 | 6°33 | 7° 6 | W 7 |
| T 8 | 13 5 6 | 18°10'12 | 22°53 | 18°59 | 2°54 | 10°35 | 15°48 | 23°17 | 15°34 | 5°56 | 6° 0 | 19°47 | 20° 8 | 6°40 | 7°10 | T 8 |
| F 9 | 13 9 2 | 19° 9'25 | 4♊44 | 21° 2 | 3°58 | 11°19 | 15°47 | 23°24 | 15°35 | 5°56 | 6° 0 | 19°38 | 20° 5 | 6°47 | 7°14 | F 9 |
| S 10 | 13 12 59 | 20° 8'36 | 16°38 | 23° 6 | 5° 3 | 12° 3 | 15°45 | 23°32 | 15°35 | 5°56 | 6° 1 | 19°32 | 20° 2 | 6°53 | 7°17 | S 10 |
| S 11 | 13 16 55 | 21° 7'45 | 28°41 | 25°10 | 6° 7 | 12°47 | 15°43 | 23°39 | 15°36 | 5°56 | 6° 1 | 19°29 | 19°59 | 7° 0 | 7°21 | S 11 |
| M12 | 13 20 52 | 22° 6'52 | 10♋55 | 27°14 | 7°11 | 13°31 | 15°41 | 23°47 | 15°36 | 5°56 | 6° 2 | 19°28 | 19°56 | 7° 7 | 7°25 | M12 |
| T 13 | 13 24 48 | 23° 5'56 | 23°26 | 29°19 | 8°14 | 14°15 | 15°39 | 23°54 | 15°37 | 5°55 | 6° 2 | 19°28 | 19°52 | 7°14 | 7°28 | T 13 |
| W14 | 13 28 45 | 24° 4'59 | 6♌20 | 1♉23 | 9°18 | 14°59 | 15°37 | 24° 2 | 15°37 | 5°55 | 6° 3 | 19°27 | 19°49 | 7°20 | 7°32 | W14 |
| T 15 | 13 32 41 | 25° 3'58 | 19°40 | 3°27 | 10°20 | 15°43 | 15°35 | 24°10 | 15°37 | 5°55 | 6° 3 | 19°26 | 19°46 | 7°27 | 7°36 | T 15 |
| F 16 | 13 36 38 | 26° 2'56 | 3♍29 | 5°29 | 11°23 | 16°26 | 15°32 | 24°17 | 15°38 | 5°D55 | 6° 4 | 19°22 | 19°43 | 7°34 | 7°39 | F 16 |
| S 17 | 13 40 35 | 27° 1'51 | 17°48 | 7°31 | 12°25 | 17°10 | 15°29 | 24°25 | 15°38 | 5°55 | 6° 5 | 19°15 | 19°40 | 7°40 | 7°43 | S 17 |
| S 18 | 13 44 31 | 28° 0'44 | 2♎35 | 9°31 | 13°27 | 17°54 | 15°26 | 24°32 | 15°38 | 5°55 | 6° 5 | 19° 6 | 19°36 | 7°47 | 7°47 | S 18 |
| M19 | 13 48 28 | 28°59'35 | 17°42 | 11°29 | 14°29 | 18°37 | 15°23 | 24°40 | 15°38 | 5°55 | 6° 6 | 18°56 | 19°33 | 7°54 | 7°50 | M19 |
| T 20 | 13 52 24 | 29°58'24 | 3♏ 1 | 13°25 | 15°30 | 19°21 | 15°20 | 24°47 | 15°R38 | 5°55 | 6° 7 | 18°45 | 19°30 | 8° 1 | 7°54 | T 20 |
| W21 | 13 56 21 | 0♉57'11 | 18°20 | 15°18 | 16°31 | 20° 4 | 15°16 | 24°55 | 15°38 | 5°56 | 6° 7 | 18°35 | 19°27 | 8° 7 | 7°57 | W21 |
| T 22 | 14 0 17 | 1°55'56 | 3♐28 | 17° 8 | 17°31 | 20°48 | 15°13 | 25° 2 | 15°38 | 5°56 | 6° 8 | 18°27 | 19°24 | 8°14 | 8° 1 | T 22 |
| F 23 | 14 4 14 | 2°54'39 | 18°15 | 18°55 | 18°31 | 21°31 | 15° 9 | 25°10 | 15°38 | 5°56 | 6° 9 | 18°21 | 19°21 | 8°21 | 8° 4 | F 23 |
| S 24 | 14 8 10 | 3°53'21 | 2♑36 | 20°39 | 19°31 | 22°14 | 15° 5 | 25°17 | 15°37 | 5°56 | 6° 9 | 18°19 | 19°17 | 8°27 | 8° 8 | S 24 |
| S 25 | 14 12 7 | 4°52'01 | 16°29 | 22°19 | 20°30 | 22°58 | 15° 1 | 25°25 | 15°37 | 5°56 | 6°10 | 18°D18 | 19°14 | 8°34 | 8°11 | S 25 |
| M26 | 14 16 4 | 5°50'39 | 29°55 | 23°54 | 21°29 | 23°41 | 14°56 | 25°32 | 15°37 | 5°57 | 6°11 | 18°R18 | 19°11 | 8°41 | 8°14 | M26 |
| T 27 | 14 20 0 | 6°49'16 | 12♒57 | 25°26 | 22°28 | 24°24 | 14°52 | 25°40 | 15°37 | 5°57 | 6°12 | 18°18 | 19° 8 | 8°48 | 8°18 | T 27 |
| W28 | 14 23 57 | 7°47'51 | 25°38 | 26°53 | 23°25 | 25° 7 | 14°47 | 25°47 | 15°36 | 5°57 | 6°13 | 18°17 | 19° 5 | 8°54 | 8°21 | W28 |
| T 29 | 14 27 53 | 8°46'24 | 8♓ 3 | 28°16 | 24°23 | 25°50 | 14°42 | 25°55 | 15°36 | 5°58 | 6°13 | 18°13 | 19° 2 | 9° 1 | 8°25 | T 29 |
| F 30 | 14 31 50 | 9♉44'56 | 20♓16 | 29♉33 | 25♊20 | 26♉33 | 14♐38 | 26♈ 2 | 15♏35 | 5♎58 | 6♋14 | 18♋ 7 | 18♋58 | 9♉ 8 | 8♈28 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n26 | 14s48 | 3s 3 | 0n23 | 1s46 | 21n 1 | 2n 3 | 13n17 | 0s 1 | 21s46 | 0n53 | 6n37 | 2s14 | 22s50 | 0s21 | 18n29 | 0s16 | 17n39 | 5s36 | 21n43 | 21n49 | 8n46 | 5n13 | 2n46 |
| F 2 | 4 50 | 11 0 | 3 50 | 1 14 | 1 41 | 21 21 | 2 7 | 13 32 | 0 1 | 21 46 | 0 53 | 6 40 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 39 | 5 36 | 21 44 | 21 50 | 8 48 | 5 14 | 2 46 |
| S 3 | 5 13 | 6 47 | 4 26 | 2 5 | 1 35 | 21 40 | 2 11 | 13 47 | 0n 0 | 21 46 | 0 53 | 6 43 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 40 | 5 36 | 21 46 | 21 50 | 8 51 | 5 16 | 2 46 |
| S 4 | 5 36 | 2 21 | 4 49 | 2 58 | 1 28 | 21 59 | 2 15 | 14 2 | 0 1 | 21 46 | 0 53 | 6 46 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 40 | 5 36 | 21 48 | 21 51 | 8 53 | 5 17 | 2 46 |
| M 5 | 5 59 | 2n 9 | 4 59 | 3 51 | 1 21 | 22 17 | 2 19 | 14 17 | 0 1 | 21 45 | 0 53 | 6 48 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 40 | 5 35 | 21 50 | 21 51 | 8 55 | 5 19 | 2 46 |
| T 6 | 6 21 | 6 32 | 4 56 | 4 44 | 1 13 | 22 35 | 2 23 | 14 32 | 0 2 | 21 45 | 0 53 | 6 51 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 40 | 5 35 | 21 52 | 21 52 | 8 58 | 5 20 | 2 46 |
| W 7 | 6 44 | 10 40 | 4 40 | 5 38 | 1 5 | 22 52 | 2 26 | 14 47 | 0 3 | 21 45 | 0 53 | 6 54 | 2 14 | 22 50 | 0 21 | 18 29 | 0 16 | 17 40 | 5 35 | 21 54 | 21 52 | 9 0 | 5 22 | 2 46 |
| T 8 | 7 7 | 14 23 | 4 12 | 6 33 | 0 56 | 23 9 | 2 30 | 15 1 | 0 4 | 21 45 | 0 53 | 6 57 | 2 14 | 22 49 | 0 21 | 18 29 | 0 16 | 17 40 | 5 35 | 21 56 | 21 53 | 9 3 | 5 23 | 2 46 |
| F 9 | 7 29 | 17 33 | 3 33 | 7 28 | 0 47 | 23 25 | 2 34 | 15 16 | 0 4 | 21 45 | 0 53 | 7 0 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 35 | 21 57 | 21 53 | 9 5 | 5 24 | 2 46 |
| S 10 | 7 51 | 20 0 | 2 44 | 8 22 | 0 38 | 23 40 | 2 37 | 15 30 | 0 5 | 21 45 | 0 53 | 7 2 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 35 | 21 58 | 21 54 | 9 7 | 5 26 | 2 46 |
| S 11 | 8 14 | 21 35 | 1 47 | 9 17 | 0 28 | 23 55 | 2 41 | 15 44 | 0 6 | 21 44 | 0 53 | 7 5 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 34 | 21 58 | 21 54 | 9 10 | 5 27 | 2 46 |
| M12 | 8 36 | 22 11 | 0 45 | 10 12 | 0 18 | 24 10 | 2 44 | 15 58 | 0 6 | 21 44 | 0 53 | 7 8 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 34 | 21 59 | 21 55 | 9 12 | 5 29 | 2 46 |
| T 13 | 8 58 | 21 42 | 0n21 | 11 6 | 0 7 | 24 24 | 2 48 | 16 11 | 0 7 | 21 44 | 0 53 | 7 11 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 34 | 21 59 | 21 55 | 9 15 | 5 30 | 2 46 |
| W14 | 9 19 | 20 4 | 1 28 | 11 59 | 0n 4 | 24 37 | 2 51 | 16 25 | 0 8 | 21 44 | 0 53 | 7 13 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 34 | 21 59 | 21 56 | 9 17 | 5 31 | 2 46 |
| T 15 | 9 41 | 17 18 | 2 32 | 12 52 | 0 15 | 24 50 | 2 55 | 16 38 | 0 8 | 21 43 | 0 53 | 7 16 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 41 | 5 34 | 21 59 | 21 56 | 9 19 | 5 33 | 2 46 |
| F 16 | 10 2 | 13 28 | 3 30 | 13 44 | 0 26 | 25 2 | 2 58 | 16 51 | 0 9 | 21 43 | 0 54 | 7 19 | 2 14 | 22 49 | 0 21 | 18 30 | 0 16 | 17 42 | 5 34 | 21 59 | 21 56 | 9 22 | 5 34 | 2 46 |
| S 17 | 10 24 | 8 45 | 4 17 | 14 34 | 0 37 | 25 13 | 3 1 | 17 4 | 0 10 | 21 43 | 0 54 | 7 22 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 0 | 21 57 | 9 24 | 5 36 | 2 46 |
| S 18 | 10 45 | 3 23 | 4 48 | 15 24 | 0 48 | 25 24 | 3 4 | 17 17 | 0 10 | 21 42 | 0 54 | 7 24 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 2 | 21 57 | 9 27 | 5 37 | 2 46 |
| M19 | 11 6 | 2s18 | 5 1 | 16 11 | 0 59 | 25 35 | 3 7 | 17 30 | 0 11 | 21 42 | 0 54 | 7 27 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 3 | 21 58 | 9 29 | 5 38 | 2 46 |
| T 20 | 11 26 | 7 55 | 4 51 | 16 57 | 1 10 | 25 45 | 3 10 | 17 43 | 0 11 | 21 41 | 0 54 | 7 30 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 5 | 21 58 | 9 31 | 5 40 | 2 46 |
| W21 | 11 47 | 13 3 | 4 22 | 17 41 | 1 21 | 25 54 | 3 13 | 17 55 | 0 12 | 21 41 | 0 54 | 7 33 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 6 | 21 59 | 9 34 | 5 41 | 2 46 |
| T 22 | 12 7 | 17 18 | 3 34 | 18 22 | 1 31 | 26 3 | 3 15 | 18 7 | 0 13 | 21 41 | 0 54 | 7 35 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 42 | 5 33 | 22 7 | 21 59 | 9 36 | 5 43 | 2 46 |
| F 23 | 12 27 | 20 21 | 2 32 | 19 2 | 1 41 | 26 11 | 3 18 | 18 19 | 0 13 | 21 40 | 0 54 | 7 38 | 2 14 | 22 49 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 0 | 9 38 | 5 44 | 2 46 |
| S 24 | 12 47 | 21 59 | 1 22 | 19 39 | 1 51 | 26 18 | 3 21 | 18 31 | 0 14 | 21 40 | 0 54 | 7 41 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 0 | 9 41 | 5 45 | 2 46 |
| S 25 | 13 7 | 22 13 | 0 10 | 20 14 | 1 59 | 26 25 | 3 23 | 18 42 | 0 15 | 21 39 | 0 54 | 7 43 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 1 | 9 43 | 5 47 | 2 46 |
| M26 | 13 26 | 21 7 | 1s 1 | 20 46 | 2 7 | 26 32 | 3 25 | 18 54 | 0 15 | 21 39 | 0 54 | 7 46 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 1 | 9 46 | 5 48 | 2 46 |
| T 27 | 13 46 | 18 55 | 2 7 | 21 16 | 2 15 | 26 37 | 3 28 | 19 5 | 0 16 | 21 38 | 0 54 | 7 49 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 1 | 9 48 | 5 49 | 2 46 |
| W28 | 14 5 | 15 50 | 3 4 | 21 43 | 2 22 | 26 43 | 3 30 | 19 16 | 0 16 | 21 38 | 0 54 | 7 51 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 32 | 22 8 | 22 2 | 9 50 | 5 51 | 2 46 |
| T 29 | 14 24 | 12 7 | 3 52 | 22 7 | 2 27 | 26 47 | 3 32 | 19 27 | 0 17 | 21 37 | 0 54 | 7 54 | 2 14 | 22 50 | 0 21 | 18 30 | 0 15 | 17 43 | 5 31 | 22 9 | 22 2 | 9 53 | 5 52 | 2 46 |
| F 30 | 14n42 | 7s57 | 4s28 | 22n29 | 2n32 | 26n52 | 3n33 | 19n38 | 0n18 | 21s36 | 0n54 | 7n57 | 2s14 | 22s50 | 0s21 | 18n29 | 0s15 | 17n43 | 5s31 | 22n10 | 22n 3 | 9n55 | 5n53 | 2n46 |

Julian Day Number = 2601384.5, Delta T = 09m08s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'33, Lahiri = 29°35'34


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## MAY 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 35 46 | 10♉43'26 | 2♈20 | 0♊47 | 26♊16 | 27♉16 | 14°R32 | 26♈10 | 15°R35 | 5♎59 | 6♋15 | 17°R58 | 18♋55 | 9♉14 | 8♈31 | S 1 |
| S 2 | 14 39 43 | 11°41'54 | 14°17 | 1°55 | 27°12 | 27°59 | 14♐27 | 26°17 | 15♑34 | 5°59 | 6°16 | 17♋47 | 18°52 | 9°21 | 8°35 | S 2 |
| M 3 | 14 43 39 | 12°40'21 | 26°11 | 2°58 | 28° 8 | 28°42 | 14°22 | 26°25 | 15°34 | 6° 0 | 6°17 | 17°35 | 18°49 | 9°28 | 8°38 | M 3 |
| T 4 | 14 47 36 | 13°38'46 | 8♉ 3 | 3°56 | 29° 3 | 29°25 | 14°16 | 26°32 | 15°33 | 6° 0 | 6°18 | 17°22 | 18°46 | 9°35 | 8°41 | T 4 |
| W 5 | 14 51 33 | 14°37'09 | 19°54 | 4°49 | 29°57 | 0♊ 8 | 14°11 | 26°39 | 15°32 | 6° 1 | 6°19 | 17°11 | 18°42 | 9°41 | 8°44 | W 5 |
| T 6 | 14 55 29 | 15°35'30 | 1♊46 | 5°36 | 0♋51 | 0°51 | 14° 5 | 26°47 | 15°31 | 6° 2 | 6°20 | 17° 1 | 18°39 | 9°48 | 8°47 | T 6 |
| F 7 | 14 59 26 | 16°33'50 | 13°41 | 6°19 | 1°44 | 1°33 | 13°59 | 26°54 | 15°30 | 6° 2 | 6°21 | 16°54 | 18°36 | 9°55 | 8°51 | F 7 |
| S 8 | 15 3 22 | 17°32'08 | 25°41 | 6°56 | 2°36 | 2°16 | 13°53 | 27° 1 | 15°30 | 6° 3 | 6°22 | 16°49 | 18°33 | 10° 1 | 8°54 | S 8 |
| S 9 | 15 7 19 | 18°30'23 | 7♋48 | 7°27 | 3°28 | 2°59 | 13°47 | 27° 8 | 15°29 | 6° 4 | 6°23 | 16°47 | 18°30 | 10° 8 | 8°57 | S 9 |
| M10 | 15 11 15 | 19°28'37 | 20° 6 | 7°53 | 4°19 | 3°41 | 13°40 | 27°16 | 15°28 | 6° 4 | 6°24 | 16°D46 | 18°27 | 10°15 | 9° 0 | M10 |
| T 11 | 15 15 12 | 20°26'49 | 2♌39 | 8°14 | 5°10 | 4°24 | 13°34 | 27°23 | 15°27 | 6° 5 | 6°25 | 16°47 | 18°23 | 10°22 | 9° 3 | T 11 |
| W12 | 15 19 8 | 21°24'59 | 15°31 | 8°29 | 6° 0 | 5° 6 | 13°28 | 27°30 | 15°26 | 6° 6 | 6°26 | 16°R48 | 18°20 | 10°28 | 9° 6 | W12 |
| T 13 | 15 23 5 | 22°23'07 | 28°47 | 8°39 | 6°48 | 5°49 | 13°21 | 27°37 | 15°25 | 6° 7 | 6°27 | 16°48 | 18°17 | 10°35 | 9° 9 | T 13 |
| F 14 | 15 27 2 | 23°21'12 | 12♍28 | 8°R44 | 7°37 | 6°31 | 13°14 | 27°44 | 15°23 | 6° 8 | 6°28 | 16°46 | 18°14 | 10°42 | 9°12 | F 14 |
| S 15 | 15 30 58 | 24°19'16 | 26°36 | 8°44 | 8°24 | 7°13 | 13° 7 | 27°51 | 15°22 | 6° 9 | 6°29 | 16°42 | 18°11 | 10°48 | 9°15 | S 15 |
| S 16 | 15 34 55 | 25°17'18 | 11♎11 | 8°38 | 9°10 | 7°56 | 13° 1 | 27°58 | 15°21 | 6°10 | 6°30 | 16°37 | 18° 8 | 10°55 | 9°17 | S 16 |
| M17 | 15 38 51 | 26°15'18 | 26° 8 | 8°28 | 9°56 | 8°38 | 12°54 | 28° 5 | 15°20 | 6°11 | 6°32 | 16°30 | 18° 4 | 11° 2 | 9°20 | M17 |
| T 18 | 15 42 48 | 27°13'17 | 11♏20 | 8°14 | 10°40 | 9°20 | 12°47 | 28°12 | 15°18 | 6°12 | 6°33 | 16°22 | 18° 1 | 11° 9 | 9°23 | T 18 |
| W19 | 15 46 44 | 28°11'14 | 26°36 | 7°55 | 11°24 | 10° 2 | 12°39 | 28°19 | 15°17 | 6°13 | 6°34 | 16°16 | 17°58 | 11°15 | 9°26 | W19 |
| T 20 | 15 50 41 | 29° 9'09 | 11♐45 | 7°32 | 12° 7 | 10°44 | 12°32 | 28°26 | 15°16 | 6°14 | 6°35 | 16°10 | 17°55 | 11°22 | 9°28 | T 20 |
| F 21 | 15 54 37 | 0♊ 7'03 | 26°38 | 7° 6 | 12°48 | 11°26 | 12°25 | 28°33 | 15°14 | 6°15 | 6°36 | 16° 7 | 17°52 | 11°29 | 9°31 | F 21 |
| S 22 | 15 58 34 | 1° 4'55 | 11♑ 8 | 6°38 | 13°29 | 12° 8 | 12°18 | 28°40 | 15°13 | 6°16 | 6°37 | 16°D 5 | 17°48 | 11°35 | 9°34 | S 22 |
| S 23 | 16 2 31 | 2° 2'47 | 25°10 | 6° 6 | 14° 8 | 12°50 | 12°10 | 28°46 | 15°11 | 6°17 | 6°39 | 16° 5 | 17°45 | 11°42 | 9°36 | S 23 |
| M24 | 16 6 27 | 3° 0'37 | 8♒45 | 5°33 | 14°47 | 13°32 | 12° 3 | 28°53 | 15°10 | 6°18 | 6°40 | 16° 6 | 17°42 | 11°49 | 9°39 | M24 |
| T 25 | 16 10 24 | 3°58'26 | 21°53 | 4°59 | 15°24 | 14°14 | 11°55 | 29° 0 | 15° 8 | 6°20 | 6°41 | 16° 8 | 17°39 | 11°55 | 9°41 | T 25 |
| W26 | 16 14 20 | 4°56'13 | 4♓38 | 4°24 | 15°59 | 14°56 | 11°48 | 29° 7 | 15° 6 | 6°21 | 6°42 | 16°R 8 | 17°36 | 12° 2 | 9°44 | W26 |
| T 27 | 16 18 17 | 5°54'00 | 17° 4 | 3°50 | 16°34 | 15°38 | 11°40 | 29°13 | 15° 5 | 6°22 | 6°44 | 16° 8 | 17°33 | 12° 9 | 9°46 | T 27 |
| F 28 | 16 22 13 | 6°51'45 | 29°15 | 3°15 | 17° 7 | 16°19 | 11°33 | 29°20 | 15° 3 | 6°23 | 6°45 | 16° 5 | 17°29 | 12°16 | 9°49 | F 28 |
| S 29 | 16 26 10 | 7°49'30 | 11♈16 | 2°42 | 17°39 | 17° 1 | 11°25 | 29°26 | 15° 1 | 6°25 | 6°46 | 16° 1 | 17°26 | 12°22 | 9°51 | S 29 |
| S 30 | 16 30 6 | 8°47'13 | 23°11 | 2°11 | 18° 9 | 17°43 | 11°18 | 29°33 | 14°59 | 6°26 | 6°47 | 15°56 | 17°23 | 12°29 | 9°53 | S 30 |
| M31 | 16 34 3 | 9♊44'55 | 5♉ 2 | 1♊42 | 18♋38 | 18♊24 | 11♐10 | 29♈39 | 14♑58 | 6♎27 | 6♋49 | 15♋50 | 17♋20 | 12♉36 | 9♈56 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 0 | 3s32 | 4s51 | 22n49 | 2n36 | 26n55 | 3n35 | 19n48 | 0n18 | 21s36 | 0n54 | 7n59 | 2s15 | 22s50 | 0s21 | 18n29 | 0s15 | 17n43 | 5s31 | 22n11 | 22n 3 | 9n58 | 5n55 | 2n46 |
| S 2 | 15 19 | 0n59 | 5 2 | 23 6 | 2 39 | 26 58 | 3 37 | 19 58 | 0 19 | 21 35 | 0 54 | 8 2 | 2 15 | 22 50 | 0 22 | 18 29 | 0 15 | 17 44 | 5 31 | 22 12 | 22 4 | 10 0 | 5 56 | 2 46 |
| M 3 | 15 36 | 5 27 | 4 59 | 23 21 | 2 41 | 27 1 | 3 38 | 20 9 | 0 20 | 21 35 | 0 54 | 8 4 | 2 15 | 22 50 | 0 22 | 18 29 | 0 15 | 17 44 | 5 31 | 22 14 | 22 4 | 10 2 | 5 57 | 2 46 |
| T 4 | 15 54 | 9 41 | 4 43 | 23 33 | 2 43 | 27 2 | 3 40 | 20 18 | 0 20 | 21 34 | 0 54 | 8 7 | 2 15 | 22 50 | 0 22 | 18 29 | 0 15 | 17 44 | 5 31 | 22 16 | 22 5 | 10 5 | 5 59 | 2 46 |
| W 5 | 16 11 | 13 35 | 4 15 | 23 43 | 2 43 | 27 4 | 3 41 | 20 28 | 0 21 | 21 33 | 0 54 | 8 10 | 2 15 | 22 50 | 0 22 | 18 29 | 0 15 | 17 44 | 5 31 | 22 17 | 22 5 | 10 7 | 6 0 | 2 46 |
| T 6 | 16 28 | 16 57 | 3 36 | 23 50 | 2 41 | 27 5 | 3 42 | 20 38 | 0 21 | 21 33 | 0 54 | 8 12 | 2 15 | 22 51 | 0 22 | 18 29 | 0 15 | 17 44 | 5 30 | 22 18 | 22 5 | 10 9 | 6 1 | 2 46 |
| F 7 | 16 45 | 19 38 | 2 47 | 23 56 | 2 39 | 27 5 | 3 43 | 20 47 | 0 22 | 21 32 | 0 54 | 8 15 | 2 15 | 22 51 | 0 22 | 18 29 | 0 15 | 17 44 | 5 30 | 22 19 | 22 6 | 10 12 | 6 2 | 2 46 |
| S 8 | 17 2 | 21 29 | 1 50 | 23 59 | 2 36 | 27 5 | 3 43 | 20 56 | 0 22 | 21 31 | 0 54 | 8 17 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 44 | 5 30 | 22 20 | 22 6 | 10 14 | 6 4 | 2 46 |
| S 9 | 17 18 | 22 22 | 0 48 | 24 0 | 2 31 | 27 4 | 3 44 | 21 5 | 0 23 | 21 31 | 0 54 | 8 20 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 44 | 5 30 | 22 20 | 22 7 | 10 17 | 6 5 | 2 46 |
| M10 | 17 34 | 22 11 | 0n18 | 23 58 | 2 26 | 27 3 | 3 44 | 21 14 | 0 24 | 21 30 | 0 54 | 8 22 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 44 | 5 30 | 22 20 | 22 7 | 10 19 | 6 6 | 2 46 |
| T 11 | 17 49 | 20 53 | 1 24 | 23 55 | 2 19 | 27 1 | 3 45 | 21 22 | 0 24 | 21 29 | 0 54 | 8 25 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 45 | 5 30 | 22 20 | 22 8 | 10 21 | 6 7 | 2 46 |
| W12 | 18 5 | 18 30 | 2 28 | 23 50 | 2 11 | 26 59 | 3 45 | 21 31 | 0 25 | 21 28 | 0 54 | 8 27 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 45 | 5 30 | 22 20 | 22 8 | 10 24 | 6 8 | 2 46 |
| T 13 | 18 20 | 15 5 | 3 26 | 23 42 | 2 2 | 26 57 | 3 44 | 21 39 | 0 25 | 21 28 | 0 54 | 8 30 | 2 15 | 22 51 | 0 22 | 18 28 | 0 15 | 17 45 | 5 29 | 22 20 | 22 8 | 10 26 | 6 10 | 2 46 |
| F 14 | 18 34 | 10 47 | 4 14 | 23 33 | 1 51 | 26 54 | 3 44 | 21 46 | 0 26 | 21 27 | 0 54 | 8 32 | 2 15 | 22 52 | 0 22 | 18 27 | 0 15 | 17 45 | 5 29 | 22 20 | 22 9 | 10 28 | 6 11 | 2 46 |
| S 15 | 18 49 | 5 45 | 4 48 | 23 21 | 1 40 | 26 50 | 3 44 | 21 54 | 0 27 | 21 26 | 0 54 | 8 35 | 2 16 | 22 52 | 0 22 | 18 27 | 0 15 | 17 45 | 5 29 | 22 21 | 22 9 | 10 31 | 6 12 | 2 46 |
| S 16 | 19 3 | 0 16 | 5 5 | 23 8 | 1 28 | 26 46 | 3 43 | 22 2 | 0 27 | 21 25 | 0 54 | 8 37 | 2 16 | 22 52 | 0 22 | 18 27 | 0 15 | 17 45 | 5 29 | 22 21 | 22 10 | 10 33 | 6 13 | 2 46 |
| M17 | 19 16 | 5s22 | 5 2 | 22 53 | 1 14 | 26 42 | 3 42 | 22 9 | 0 28 | 21 24 | 0 54 | 8 39 | 2 16 | 22 52 | 0 22 | 18 27 | 0 15 | 17 45 | 5 29 | 22 22 | 22 10 | 10 36 | 6 14 | 2 46 |
| T 18 | 19 30 | 10 47 | 4 38 | 22 37 | 1 0 | 26 37 | 3 41 | 22 16 | 0 28 | 21 24 | 0 54 | 8 42 | 2 16 | 22 52 | 0 22 | 18 26 | 0 15 | 17 45 | 5 29 | 22 23 | 22 11 | 10 38 | 6 15 | 2 46 |
| W19 | 19 43 | 15 33 | 3 55 | 22 18 | 0 44 | 26 32 | 3 39 | 22 23 | 0 29 | 21 23 | 0 54 | 8 44 | 2 16 | 22 52 | 0 22 | 18 26 | 0 15 | 17 45 | 5 29 | 22 24 | 22 11 | 10 40 | 6 17 | 2 46 |
| T 20 | 19 55 | 19 16 | 2 54 | 21 59 | 0 28 | 26 27 | 3 38 | 22 29 | 0 29 | 21 22 | 0 53 | 8 46 | 2 16 | 22 53 | 0 22 | 18 26 | 0 15 | 17 45 | 5 28 | 22 25 | 22 11 | 10 43 | 6 18 | 2 46 |
| F 21 | 20 8 | 21 37 | 1 43 | 21 38 | 0 12 | 26 21 | 3 36 | 22 36 | 0 30 | 21 21 | 0 53 | 8 49 | 2 16 | 22 53 | 0 22 | 18 26 | 0 15 | 17 45 | 5 28 | 22 25 | 22 12 | 10 45 | 6 19 | 2 46 |
| S 22 | 20 20 | 22 29 | 0 27 | 21 17 | 0s 6 | 26 15 | 3 34 | 22 42 | 0 30 | 21 20 | 0 53 | 8 51 | 2 16 | 22 53 | 0 22 | 18 25 | 0 15 | 17 45 | 5 28 | 22 25 | 22 12 | 10 47 | 6 20 | 2 46 |
| S 23 | 20 31 | 21 51 | 0s49 | 20 54 | 0 23 | 26 8 | 3 31 | 22 48 | 0 31 | 21 19 | 0 53 | 8 53 | 2 16 | 22 53 | 0 22 | 18 25 | 0 15 | 17 45 | 5 28 | 22 25 | 22 13 | 10 50 | 6 21 | 2 46 |
| M24 | 20 43 | 19 57 | 2 0 | 20 31 | 0 41 | 26 1 | 3 29 | 22 54 | 0 31 | 21 18 | 0 53 | 8 55 | 2 17 | 22 53 | 0 22 | 18 25 | 0 15 | 17 45 | 5 28 | 22 25 | 22 13 | 10 52 | 6 22 | 2 46 |
| T 25 | 20 54 | 17 3 | 3 2 | 20 7 | 0 58 | 25 54 | 3 26 | 22 59 | 0 32 | 21 17 | 0 53 | 8 58 | 2 17 | 22 54 | 0 22 | 18 25 | 0 15 | 17 46 | 5 28 | 22 25 | 22 13 | 10 54 | 6 23 | 2 47 |
| W26 | 21 4 | 13 24 | 3 53 | 19 44 | 1 16 | 25 47 | 3 23 | 23 4 | 0 32 | 21 16 | 0 53 | 9 0 | 2 17 | 22 54 | 0 22 | 18 24 | 0 15 | 17 46 | 5 28 | 22 25 | 22 14 | 10 57 | 6 24 | 2 47 |
| T 27 | 21 15 | 9 16 | 4 31 | 19 21 | 1 33 | 25 39 | 3 19 | 23 10 | 0 33 | 21 16 | 0 53 | 9 2 | 2 17 | 22 54 | 0 22 | 18 24 | 0 15 | 17 46 | 5 28 | 22 25 | 22 14 | 10 59 | 6 25 | 2 47 |
| F 28 | 21 24 | 4 50 | 4 57 | 18 58 | 1 50 | 25 31 | 3 15 | 23 14 | 0 34 | 21 15 | 0 53 | 9 4 | 2 17 | 22 54 | 0 22 | 18 24 | 0 15 | 17 46 | 5 28 | 22 25 | 22 15 | 11 2 | 6 26 | 2 47 |
| S 29 | 21 34 | 0 18 | 5 9 | 18 36 | 2 6 | 25 23 | 3 11 | 23 19 | 0 34 | 21 14 | 0 53 | 9 6 | 2 17 | 22 54 | 0 22 | 18 23 | 0 15 | 17 46 | 5 27 | 22 26 | 22 15 | 11 4 | 6 27 | 2 47 |
| S 30 | 21 43 | 4n13 | 5 8 | 18 15 | 2 21 | 25 15 | 3 7 | 23 24 | 0 35 | 21 13 | 0 53 | 9 9 | 2 17 | 22 55 | 0 22 | 18 23 | 0 15 | 17 46 | 5 27 | 22 26 | 22 15 | 11 6 | 6 28 | 2 47 |
| M31 | 21n52 | 8n34 | 4s53 | 17n55 | 2s36 | 25n 6 | 3n 2 | 23n28 | 0n35 | 21s12 | 0n53 | 9n11 | 2s17 | 22s55 | 0s22 | 18n23 | 0s15 | 17n46 | 5s27 | 22n27 | 22n16 | 11n 9 | 6n29 | 2n47 |

Julian Day Number = 2601414.5, Delta T = 09m08s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'37, Lahiri = 29°35'38


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## JUNE 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 38 0 | 10♊42'36 | 16♉53 | 1°R16 | 19♋ 6 | 19♊ 6 | 11°R 2 | 29♈45 | 14°R56 | 6♏29 | 6♋50 | 15°R43 | 17♋17 | 12♉42 | 9♈58 | T 1 |
| W 2 | 16 41 56 | 11°40'16 | 28°45 | 0♊53 | 19°31 | 19°47 | 10♐55 | 29°52 | 14♑54 | 6°30 | 6°51 | 15♋37 | 17°14 | 12°49 | 10° 0 | W 2 |
| T 3 | 16 45 53 | 12°37'55 | 10♊42 | 0°33 | 19°56 | 20°29 | 10°47 | 29°58 | 14°52 | 6°32 | 6°53 | 15°32 | 17°10 | 12°56 | 10° 2 | T 3 |
| F 4 | 16 49 49 | 13°35'33 | 22°45 | 0°17 | 20°18 | 21°10 | 10°39 | 0♉ 4 | 14°50 | 6°33 | 6°54 | 15°28 | 17° 7 | 13° 3 | 10° 4 | F 4 |
| S 5 | 16 53 46 | 14°33'09 | 4♋54 | 0° 5 | 20°38 | 21°51 | 10°32 | 0°10 | 14°48 | 6°35 | 6°55 | 15°26 | 17° 4 | 13° 9 | 10° 6 | S 5 |
| S 6 | 16 57 42 | 15°30'45 | 17°13 | 29♉58 | 20°57 | 22°33 | 10°24 | 0°16 | 14°46 | 6°36 | 6°57 | 15°D26 | 17° 1 | 13°16 | 10° 8 | S 6 |
| M 7 | 17 1 39 | 16°28'19 | 29°43 | 29°D54 | 21°14 | 23°14 | 10°17 | 0°23 | 14°44 | 6°38 | 6°58 | 15°27 | 16°58 | 13°23 | 10°10 | M 7 |
| T 8 | 17 5 35 | 17°25'52 | 12♌27 | 29°56 | 21°29 | 23°55 | 10° 9 | 0°29 | 14°42 | 6°39 | 7° 0 | 15°28 | 16°54 | 13°29 | 10°12 | T 8 |
| W 9 | 17 9 32 | 18°23'23 | 25°26 | 0♊ 1 | 21°42 | 24°36 | 10° 1 | 0°34 | 14°40 | 6°41 | 7° 1 | 15°30 | 16°51 | 13°36 | 10°14 | W 9 |
| T 10 | 17 13 29 | 19°20'53 | 8♍44 | 0°11 | 21°53 | 25°18 | 9°54 | 0°40 | 14°38 | 6°42 | 7° 2 | 15°31 | 16°48 | 13°43 | 10°16 | T 10 |
| F 11 | 17 17 25 | 20°18'22 | 22°23 | 0°26 | 22° 1 | 25°59 | 9°47 | 0°46 | 14°36 | 6°44 | 7° 4 | 15°R31 | 16°45 | 13°50 | 10°18 | F 11 |
| S 12 | 17 21 22 | 21°15'50 | 6♎22 | 0°45 | 22° 8 | 26°40 | 9°39 | 0°52 | 14°34 | 6°46 | 7° 5 | 15°30 | 16°42 | 13°56 | 10°19 | S 12 |
| S 13 | 17 25 18 | 22°13'16 | 20°43 | 1° 8 | 22°12 | 27°21 | 9°32 | 0°58 | 14°31 | 6°47 | 7° 7 | 15°29 | 16°39 | 14° 3 | 10°21 | S 13 |
| M14 | 17 29 15 | 23°10'41 | 5♏22 | 1°36 | 22°R13 | 28° 2 | 9°25 | 1° 3 | 14°29 | 6°49 | 7° 8 | 15°26 | 16°35 | 14°10 | 10°23 | M14 |
| T 15 | 17 33 11 | 24° 8'05 | 20°13 | 2° 7 | 22°13 | 28°43 | 9°17 | 1° 9 | 14°27 | 6°51 | 7° 9 | 15°23 | 16°32 | 14°16 | 10°24 | T 15 |
| W16 | 17 37 8 | 25° 5'28 | 5♐10 | 2°44 | 22°10 | 29°24 | 9°10 | 1°14 | 14°25 | 6°53 | 7°11 | 15°21 | 16°29 | 14°23 | 10°26 | W16 |
| T 17 | 17 41 4 | 26° 2'51 | 20° 5 | 3°24 | 22° 5 | 0♋ 4 | 9° 3 | 1°20 | 14°23 | 6°54 | 7°12 | 15°19 | 16°26 | 14°30 | 10°27 | T 17 |
| F 18 | 17 45 1 | 27° 0'12 | 4♑49 | 4° 8 | 21°57 | 0°45 | 8°56 | 1°25 | 14°20 | 6°56 | 7°14 | 15°18 | 16°23 | 14°36 | 10°29 | F 18 |
| S 19 | 17 48 58 | 27°57'33 | 19°15 | 4°56 | 21°47 | 1°26 | 8°49 | 1°30 | 14°18 | 6°58 | 7°15 | 15°D18 | 16°20 | 14°43 | 10°30 | S 19 |
| S 20 | 17 52 54 | 28°54'53 | 3♒19 | 5°48 | 21°34 | 2° 7 | 8°42 | 1°36 | 14°16 | 7° 0 | 7°17 | 15°18 | 16°16 | 14°50 | 10°31 | S 20 |
| M21 | 17 56 51 | 29°52'13 | 16°58 | 6°44 | 21°19 | 2°47 | 8°36 | 1°41 | 14°13 | 7° 2 | 7°18 | 15°19 | 16°13 | 14°57 | 10°33 | M21 |
| T 22 | 18 0 47 | 0♋49'32 | 0♓11 | 7°43 | 21° 2 | 3°28 | 8°29 | 1°46 | 14°11 | 7° 3 | 7°19 | 15°20 | 16°10 | 15° 3 | 10°34 | T 22 |
| W23 | 18 4 44 | 1°46'50 | 13° 1 | 8°46 | 20°42 | 4° 9 | 8°23 | 1°51 | 14° 9 | 7° 5 | 7°21 | 15°21 | 16° 7 | 15°10 | 10°35 | W23 |
| T 24 | 18 8 40 | 2°44'08 | 25°31 | 9°53 | 20°21 | 4°49 | 8°16 | 1°56 | 14° 6 | 7° 7 | 7°22 | 15°22 | 16° 4 | 15°17 | 10°36 | T 24 |
| F 25 | 18 12 37 | 3°41'26 | 7♈45 | 11° 3 | 19°57 | 5°30 | 8°10 | 2° 1 | 14° 4 | 7° 9 | 7°24 | 15°R22 | 16° 0 | 15°23 | 10°37 | F 25 |
| S 26 | 18 16 33 | 4°38'44 | 19°46 | 12°17 | 19°31 | 6°10 | 8° 4 | 2° 5 | 14° 2 | 7°11 | 7°25 | 15°22 | 15°57 | 15°30 | 10°38 | S 26 |
| S 27 | 18 20 30 | 5°36'01 | 1♉41 | 13°34 | 19° 3 | 6°51 | 7°58 | 2°10 | 13°59 | 7°13 | 7°27 | 15°21 | 15°54 | 15°37 | 10°39 | S 27 |
| M28 | 18 24 27 | 6°33'19 | 13°32 | 14°54 | 18°33 | 7°31 | 7°52 | 2°15 | 13°57 | 7°15 | 7°28 | 15°20 | 15°51 | 15°44 | 10°40 | M28 |
| T 29 | 18 28 23 | 7°30'36 | 25°24 | 16°18 | 18° 1 | 8°11 | 7°46 | 2°19 | 13°54 | 7°17 | 7°30 | 15°19 | 15°48 | 15°50 | 10°41 | T 29 |
| W30 | 18 32 20 | 8♋27'52 | 7♊20 | 17♊45 | 17♋28 | 8♋52 | 7♐40 | 2♉24 | 13♑52 | 7♏19 | 7♋31 | 15♋18 | 15♋45 | 15♉57 | 10♈42 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 0 | 12n35 | 4s26 | 17n36 | 2s49 | 24n57 | 2n57 | 23n32 | 0n36 | 21s11 | 0n53 | 9n13 | 2s18 | 22s55 | 0s22 | 18n22 | 0s15 | 17n46 | 5s27 | 22n28 | 22n16 | 11n11 | 6n30 | 2n47 |
| W 2 | 22 8 | 16 8 | 3 47 | 17 20 | 3 2 | 24 48 | 2 52 | 23 36 | 0 36 | 21 10 | 0 52 | 9 15 | 2 18 | 22 55 | 0 22 | 18 22 | 0 15 | 17 46 | 5 27 | 22 28 | 22 17 | 11 13 | 6 31 | 2 47 |
| T 3 | 22 16 | 19 4 | 2 58 | 17 4 | 3 13 | 24 39 | 2 46 | 23 39 | 0 37 | 21 9 | 0 52 | 9 17 | 2 18 | 22 56 | 0 22 | 18 22 | 0 15 | 17 46 | 5 27 | 22 29 | 22 17 | 11 16 | 6 32 | 2 47 |
| F 4 | 22 23 | 21 11 | 2 1 | 16 51 | 3 23 | 24 30 | 2 40 | 23 42 | 0 37 | 21 8 | 0 52 | 9 19 | 2 18 | 22 56 | 0 22 | 18 21 | 0 15 | 17 46 | 5 27 | 22 29 | 22 18 | 11 18 | 6 33 | 2 47 |
| S 5 | 22 30 | 22 20 | 0 57 | 16 40 | 3 32 | 24 20 | 2 34 | 23 46 | 0 38 | 21 7 | 0 52 | 9 21 | 2 18 | 22 56 | 0 22 | 18 21 | 0 15 | 17 46 | 5 27 | 22 30 | 22 18 | 11 20 | 6 33 | 2 47 |
| S 6 | 22 36 | 22 26 | 0n10 | 16 31 | 3 40 | 24 11 | 2 27 | 23 49 | 0 38 | 21 6 | 0 52 | 9 23 | 2 18 | 22 56 | 0 22 | 18 21 | 0 15 | 17 46 | 5 27 | 22 30 | 22 18 | 11 23 | 6 34 | 2 47 |
| M 7 | 22 42 | 21 26 | 1 18 | 16 23 | 3 47 | 24 1 | 2 20 | 23 51 | 0 39 | 21 5 | 0 52 | 9 25 | 2 19 | 22 57 | 0 22 | 18 20 | 0 15 | 17 46 | 5 26 | 22 30 | 22 19 | 11 25 | 6 35 | 2 47 |
| T 8 | 22 48 | 19 19 | 2 23 | 16 18 | 3 52 | 23 51 | 2 13 | 23 54 | 0 39 | 21 4 | 0 52 | 9 27 | 2 19 | 22 57 | 0 22 | 18 20 | 0 15 | 17 46 | 5 26 | 22 29 | 22 19 | 11 27 | 6 36 | 2 47 |
| W 9 | 22 53 | 16 11 | 3 22 | 16 15 | 3 56 | 23 42 | 2 5 | 23 56 | 0 39 | 21 3 | 0 52 | 9 29 | 2 19 | 22 57 | 0 22 | 18 20 | 0 15 | 17 46 | 5 26 | 22 29 | 22 19 | 11 30 | 6 37 | 2 47 |
| T 10 | 22 58 | 12 10 | 4 12 | 16 14 | 4 0 | 23 32 | 1 56 | 23 58 | 0 40 | 21 2 | 0 51 | 9 30 | 2 19 | 22 57 | 0 22 | 18 19 | 0 14 | 17 46 | 5 26 | 22 29 | 22 20 | 11 32 | 6 37 | 2 48 |
| F 11 | 23 2 | 7 27 | 4 49 | 16 15 | 4 2 | 23 22 | 1 48 | 24 0 | 0 40 | 21 1 | 0 51 | 9 32 | 2 19 | 22 58 | 0 22 | 18 19 | 0 14 | 17 46 | 5 26 | 22 29 | 22 20 | 11 34 | 6 38 | 2 48 |
| S 12 | 23 6 | 2 14 | 5 10 | 16 18 | 4 3 | 23 12 | 1 39 | 24 1 | 0 41 | 21 0 | 0 51 | 9 34 | 2 19 | 22 58 | 0 22 | 18 18 | 0 14 | 17 46 | 5 26 | 22 29 | 22 21 | 11 37 | 6 39 | 2 48 |
| S 13 | 23 9 | 3s14 | 5 13 | 16 23 | 4 3 | 23 2 | 1 29 | 24 3 | 0 41 | 20 59 | 0 51 | 9 36 | 2 20 | 22 58 | 0 22 | 18 18 | 0 14 | 17 46 | 5 26 | 22 29 | 22 21 | 11 39 | 6 40 | 2 48 |
| M14 | 23 13 | 8 38 | 4 56 | 16 29 | 4 2 | 22 52 | 1 19 | 24 4 | 0 42 | 20 58 | 0 51 | 9 38 | 2 20 | 22 58 | 0 22 | 18 18 | 0 14 | 17 46 | 5 26 | 22 30 | 22 21 | 11 41 | 6 40 | 2 48 |
| T 15 | 23 15 | 13 36 | 4 18 | 16 37 | 4 0 | 22 41 | 1 9 | 24 5 | 0 42 | 20 57 | 0 51 | 9 39 | 2 20 | 22 59 | 0 22 | 18 17 | 0 14 | 17 46 | 5 26 | 22 30 | 22 22 | 11 44 | 6 41 | 2 48 |
| W16 | 23 18 | 17 47 | 3 23 | 16 47 | 3 57 | 22 31 | 0 58 | 24 6 | 0 43 | 20 57 | 0 51 | 9 41 | 2 20 | 22 59 | 0 22 | 18 17 | 0 14 | 17 46 | 5 26 | 22 30 | 22 22 | 11 46 | 6 42 | 2 48 |
| T 17 | 23 20 | 20 47 | 2 15 | 16 58 | 3 53 | 22 21 | 0 47 | 24 6 | 0 43 | 20 56 | 0 50 | 9 43 | 2 20 | 22 59 | 0 23 | 18 16 | 0 14 | 17 46 | 5 26 | 22 30 | 22 23 | 11 48 | 6 42 | 2 48 |
| F 18 | 23 21 | 22 20 | 0 58 | 17 11 | 3 49 | 22 11 | 0 35 | 24 7 | 0 44 | 20 55 | 0 50 | 9 45 | 2 21 | 22 59 | 0 23 | 18 16 | 0 14 | 17 46 | 5 26 | 22 31 | 22 23 | 11 51 | 6 43 | 2 48 |
| S 19 | 23 22 | 22 22 | 0s22 | 17 24 | 3 43 | 22 1 | 0 24 | 24 7 | 0 44 | 20 54 | 0 50 | 9 46 | 2 21 | 23 0 | 0 23 | 18 15 | 0 14 | 17 46 | 5 26 | 22 31 | 22 23 | 11 53 | 6 44 | 2 48 |
| S 20 | 23 23 | 20 58 | 1 38 | 17 39 | 3 37 | 21 51 | 0 11 | 24 7 | 0 45 | 20 53 | 0 50 | 9 48 | 2 21 | 23 0 | 0 23 | 18 15 | 0 14 | 17 46 | 5 25 | 22 31 | 22 24 | 11 55 | 6 44 | 2 48 |
| M21 | 23 23 | 18 21 | 2 46 | 17 55 | 3 31 | 21 41 | 0s 1 | 24 6 | 0 45 | 20 52 | 0 50 | 9 49 | 2 21 | 23 0 | 0 23 | 18 15 | 0 14 | 17 46 | 5 25 | 22 30 | 22 24 | 11 58 | 6 45 | 2 48 |
| T 22 | 23 23 | 14 52 | 3 43 | 18 12 | 3 23 | 21 30 | 0 14 | 24 6 | 0 45 | 20 51 | 0 50 | 9 51 | 2 21 | 23 0 | 0 23 | 18 14 | 0 14 | 17 46 | 5 25 | 22 30 | 22 25 | 12 0 | 6 45 | 2 48 |
| W23 | 23 22 | 10 46 | 4 28 | 18 30 | 3 15 | 21 20 | 0 28 | 24 5 | 0 46 | 20 50 | 0 49 | 9 52 | 2 21 | 23 1 | 0 23 | 18 14 | 0 14 | 17 46 | 5 25 | 22 30 | 22 25 | 12 2 | 6 46 | 2 49 |
| T 24 | 23 21 | 6 20 | 4 58 | 18 48 | 3 7 | 21 10 | 0 41 | 24 4 | 0 46 | 20 50 | 0 49 | 9 54 | 2 22 | 23 1 | 0 23 | 18 13 | 0 14 | 17 46 | 5 25 | 22 30 | 22 25 | 12 5 | 6 46 | 2 49 |
| F 25 | 23 20 | 1 44 | 5 14 | 19 7 | 2 58 | 21 0 | 0 55 | 24 3 | 0 47 | 20 49 | 0 49 | 9 55 | 2 22 | 23 1 | 0 23 | 18 13 | 0 14 | 17 46 | 5 25 | 22 30 | 22 26 | 12 7 | 6 47 | 2 49 |
| S 26 | 23 18 | 2n51 | 5 15 | 19 26 | 2 48 | 20 50 | 1 9 | 24 2 | 0 47 | 20 48 | 0 49 | 9 57 | 2 22 | 23 1 | 0 23 | 18 12 | 0 14 | 17 46 | 5 25 | 22 30 | 22 26 | 12 9 | 6 47 | 2 49 |
| S 27 | 23 16 | 7 17 | 5 4 | 19 45 | 2 38 | 20 40 | 1 23 | 24 0 | 0 48 | 20 47 | 0 49 | 9 58 | 2 22 | 23 2 | 0 23 | 18 12 | 0 14 | 17 46 | 5 25 | 22 30 | 22 26 | 12 12 | 6 48 | 2 49 |
| M28 | 23 13 | 11 25 | 4 39 | 20 5 | 2 28 | 20 30 | 1 37 | 23 58 | 0 48 | 20 46 | 0 48 | 10 0 | 2 23 | 23 2 | 0 23 | 18 11 | 0 14 | 17 46 | 5 25 | 22 30 | 22 27 | 12 14 | 6 48 | 2 49 |
| T 29 | 23 10 | 15 9 | 4 2 | 20 24 | 2 17 | 20 20 | 1 51 | 23 56 | 0 48 | 20 46 | 0 48 | 10 1 | 2 23 | 23 2 | 0 23 | 18 11 | 0 14 | 17 46 | 5 25 | 22 31 | 22 27 | 12 16 | 6 49 | 2 49 |
| W30 | 23n 7 | 18n17 | 3s15 | 20n44 | 2s 6 | 20n10 | 2s 6 | 23n54 | 0n49 | 20s45 | 0n48 | 10n 2 | 2s23 | 23s 2 | 0s23 | 18n10 | 0s14 | 17n46 | 5s25 | 22n31 | 22n28 | 12n19 | 6n49 | 2n49 |

Julian Day Number = 2601445.5, Delta T = 09m08s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'41, Lahiri = 29°35'43


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## JULY 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 36 16 | 9♋25'09 | 19♊23 | 19♊16 | 16°R54 | 9♋32 | 7°R34 | 2♉28 | 13°R49 | 7♏21 | 7♋32 | 15°R17 | 15♋41 | 16♉ 4 | 10♈42 | T 1 |
| F 2 | 18 40 13 | 10°22'25 | 1♋35 | 20°49 | 16♋19 | 10°12 | 7♐29 | 2°33 | 13♑47 | 7°23 | 7°34 | 15♋16 | 15°38 | 16°10 | 10°43 | F 2 |
| S 3 | 18 44 9 | 11°19'41 | 13°59 | 22°26 | 15°43 | 10°52 | 7°24 | 2°37 | 13°45 | 7°25 | 7°35 | 15°D16 | 15°35 | 16°17 | 10°44 | S 3 |
| S 4 | 18 48 6 | 12°16'57 | 26°34 | 24° 6 | 15° 6 | 11°33 | 7°19 | 2°41 | 13°42 | 7°27 | 7°37 | 15°16 | 15°32 | 16°24 | 10°44 | S 4 |
| M 5 | 18 52 3 | 13°14'12 | 9♌23 | 25°49 | 14°29 | 12°13 | 7°14 | 2°45 | 13°40 | 7°29 | 7°38 | 15°17 | 15°29 | 16°30 | 10°45 | M 5 |
| T 6 | 18 55 59 | 14°11'27 | 22°26 | 27°35 | 13°51 | 12°53 | 7° 9 | 2°49 | 13°37 | 7°31 | 7°40 | 15°17 | 15°26 | 16°37 | 10°45 | T 6 |
| W 7 | 18 59 56 | 15° 8'42 | 5♍42 | 29°24 | 13°14 | 13°33 | 7° 4 | 2°53 | 13°35 | 7°33 | 7°41 | 15°R17 | 15°22 | 16°44 | 10°46 | W 7 |
| T 8 | 19 3 52 | 16° 5'56 | 19°13 | 1♋16 | 12°36 | 14°13 | 6°59 | 2°57 | 13°32 | 7°35 | 7°43 | 15°17 | 15°19 | 16°51 | 10°46 | T 8 |
| F 9 | 19 7 49 | 17° 3'10 | 2♎58 | 3°10 | 12° 0 | 14°53 | 6°55 | 3° 1 | 13°30 | 7°37 | 7°44 | 15°17 | 15°16 | 16°57 | 10°46 | F 9 |
| S 10 | 19 11 45 | 18° 0'23 | 16°57 | 5° 8 | 11°24 | 15°33 | 6°51 | 3° 4 | 13°28 | 7°40 | 7°45 | 15°D17 | 15°13 | 17° 4 | 10°47 | S 10 |
| S 11 | 19 15 42 | 18°57'36 | 1♏ 9 | 7° 7 | 10°49 | 16°13 | 6°47 | 3° 8 | 13°25 | 7°42 | 7°47 | 15°17 | 15°10 | 17°11 | 10°47 | S 11 |
| M12 | 19 19 38 | 19°54'49 | 15°30 | 9° 9 | 10°15 | 16°53 | 6°43 | 3°12 | 13°23 | 7°44 | 7°48 | 15°17 | 15° 6 | 17°17 | 10°47 | M12 |
| T 13 | 19 23 35 | 20°52'01 | 29°59 | 11°12 | 9°42 | 17°33 | 6°39 | 3°15 | 13°20 | 7°46 | 7°50 | 15°17 | 15° 3 | 17°24 | 10°47 | T 13 |
| W14 | 19 27 31 | 21°49'13 | 14♐31 | 13°18 | 9°12 | 18°12 | 6°35 | 3°18 | 13°18 | 7°48 | 7°51 | 15°18 | 15° 0 | 17°31 | 10°R47 | W14 |
| T 15 | 19 31 28 | 22°46'26 | 29° 0 | 15°25 | 8°42 | 18°52 | 6°32 | 3°21 | 13°16 | 7°50 | 7°53 | 15°18 | 14°57 | 17°38 | 10°47 | T 15 |
| F 16 | 19 35 25 | 23°43'38 | 13♑23 | 17°32 | 8°15 | 19°32 | 6°29 | 3°25 | 13°13 | 7°52 | 7°54 | 15°R19 | 14°54 | 17°44 | 10°47 | F 16 |
| S 17 | 19 39 21 | 24°40'50 | 27°33 | 19°41 | 7°50 | 20°12 | 6°26 | 3°28 | 13°11 | 7°55 | 7°55 | 15°18 | 14°51 | 17°51 | 10°47 | S 17 |
| S 18 | 19 43 18 | 25°38'02 | 11♒26 | 21°50 | 7°26 | 20°51 | 6°23 | 3°31 | 13° 8 | 7°57 | 7°57 | 15°18 | 14°47 | 17°58 | 10°47 | S 18 |
| M19 | 19 47 14 | 26°35'15 | 24°59 | 24° 0 | 7° 5 | 21°31 | 6°20 | 3°33 | 13° 6 | 7°59 | 7°58 | 15°17 | 14°44 | 18° 4 | 10°46 | M19 |
| T 20 | 19 51 11 | 27°32'28 | 8♓11 | 26° 9 | 6°47 | 22°10 | 6°17 | 3°36 | 13° 4 | 8° 1 | 8° 0 | 15°15 | 14°41 | 18°11 | 10°46 | T 20 |
| W21 | 19 55 7 | 28°29'41 | 21° 2 | 28°19 | 6°30 | 22°50 | 6°15 | 3°39 | 13° 1 | 8° 3 | 8° 1 | 15°13 | 14°38 | 18°18 | 10°46 | W21 |
| T 22 | 19 59 4 | 29°26'55 | 3♈34 | 0♌27 | 6°16 | 23°30 | 6°13 | 3°42 | 12°59 | 8° 6 | 8° 2 | 15°12 | 14°35 | 18°24 | 10°45 | T 22 |
| F 23 | 20 3 1 | 0♌24'09 | 15°49 | 2°35 | 6° 5 | 24° 9 | 6°11 | 3°44 | 12°57 | 8° 8 | 8° 4 | 15°11 | 14°32 | 18°31 | 10°45 | F 23 |
| S 24 | 20 6 57 | 1°21'24 | 27°52 | 4°42 | 5°55 | 24°49 | 6° 9 | 3°46 | 12°55 | 8°10 | 8° 5 | 15°D10 | 14°28 | 18°38 | 10°44 | S 24 |
| S 25 | 20 10 54 | 2°18'39 | 9♉47 | 6°47 | 5°48 | 25°28 | 6° 7 | 3°49 | 12°52 | 8°12 | 8° 6 | 15°10 | 14°25 | 18°45 | 10°44 | S 25 |
| M26 | 20 14 50 | 3°15'56 | 21°39 | 8°52 | 5°44 | 26° 7 | 6° 6 | 3°51 | 12°50 | 8°14 | 8° 8 | 15°11 | 14°22 | 18°51 | 10°43 | M26 |
| T 27 | 20 18 47 | 4°13'13 | 3♊32 | 10°55 | 5°D42 | 26°47 | 6° 4 | 3°53 | 12°48 | 8°17 | 8° 9 | 15°12 | 14°19 | 18°58 | 10°43 | T 27 |
| W28 | 20 22 43 | 5°10'30 | 15°31 | 12°57 | 5°42 | 27°26 | 6° 3 | 3°55 | 12°46 | 8°19 | 8°10 | 15°14 | 14°16 | 19° 5 | 10°42 | W28 |
| T 29 | 20 26 40 | 6° 7'49 | 27°40 | 14°57 | 5°45 | 28° 5 | 6° 2 | 3°57 | 12°44 | 8°21 | 8°12 | 15°15 | 14°12 | 19°11 | 10°41 | T 29 |
| F 30 | 20 30 36 | 7° 5'08 | 10♋ 1 | 16°55 | 5°50 | 28°45 | 6° 2 | 3°59 | 12°41 | 8°23 | 8°13 | 15°R16 | 14° 9 | 19°18 | 10°40 | F 30 |
| S 31 | 20 34 33 | 8♌ 2'28 | 22♋39 | 18♌52 | 5♋57 | 29♋24 | 6♐ 1 | 4♉ 0 | 12♑39 | 8♌25 | 8♋14 | 15♋16 | 14♋ 6 | 19♉25 | 10♈39 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 3 | 20n39 | 2s19 | 21n 3 | 1s55 | 20n 0 | 2s20 | 23n52 | 0n49 | 20s44 | 0n48 | 10n 4 | 2s23 | 23s 3 | 0s23 | 18n10 | 0s14 | 17n46 | 5s25 | 22n31 | 22n28 | 12n21 | 6n49 | 2n49 |
| F 2 | 22 59 | 22 7 | 1 15 | 21 21 | 1 43 | 19 51 | 2 34 | 23 49 | 0 50 | 20 43 | 0 48 | 10 5 | 2 23 | 23 3 | 0 23 | 18 9 | 0 14 | 17 46 | 5 25 | 22 31 | 22 28 | 12 23 | 6 50 | 2 49 |
| S 3 | 22 54 | 22 32 | 0 7 | 21 39 | 1 31 | 19 41 | 2 48 | 23 46 | 0 50 | 20 43 | 0 48 | 10 6 | 2 24 | 23 3 | 0 23 | 18 9 | 0 14 | 17 46 | 5 25 | 22 31 | 22 29 | 12 26 | 6 50 | 2 49 |
| S 4 | 22 49 | 21 49 | 1n 2 | 21 56 | 1 19 | 19 32 | 3 1 | 23 43 | 0 50 | 20 42 | 0 47 | 10 7 | 2 24 | 23 4 | 0 23 | 18 8 | 0 14 | 17 46 | 5 25 | 22 31 | 22 29 | 12 28 | 6 50 | 2 50 |
| M 5 | 22 44 | 19 57 | 2 10 | 22 12 | 1 7 | 19 22 | 3 15 | 23 40 | 0 51 | 20 42 | 0 47 | 10 9 | 2 24 | 23 4 | 0 23 | 18 8 | 0 14 | 17 46 | 5 25 | 22 31 | 22 29 | 12 30 | 6 51 | 2 50 |
| T 6 | 22 38 | 17 2 | 3 12 | 22 27 | 0 55 | 19 13 | 3 28 | 23 37 | 0 51 | 20 41 | 0 47 | 10 10 | 2 24 | 23 4 | 0 23 | 18 7 | 0 14 | 17 46 | 5 25 | 22 31 | 22 30 | 12 32 | 6 51 | 2 50 |
| W 7 | 22 32 | 13 11 | 4 5 | 22 40 | 0 43 | 19 4 | 3 41 | 23 33 | 0 52 | 20 40 | 0 47 | 10 11 | 2 25 | 23 4 | 0 23 | 18 7 | 0 14 | 17 46 | 5 25 | 22 31 | 22 30 | 12 35 | 6 51 | 2 50 |
| T 8 | 22 25 | 8 38 | 4 45 | 22 52 | 0 31 | 18 55 | 3 53 | 23 29 | 0 52 | 20 40 | 0 46 | 10 12 | 2 25 | 23 5 | 0 23 | 18 6 | 0 14 | 17 46 | 5 25 | 22 31 | 22 30 | 12 37 | 6 51 | 2 50 |
| F 9 | 22 18 | 3 34 | 5 10 | 23 2 | 0 19 | 18 47 | 4 5 | 23 25 | 0 52 | 20 39 | 0 46 | 10 13 | 2 25 | 23 5 | 0 23 | 18 6 | 0 14 | 17 46 | 5 25 | 22 31 | 22 31 | 12 39 | 6 52 | 2 50 |
| S 10 | 22 11 | 1s46 | 5 17 | 23 10 | 0 7 | 18 39 | 4 16 | 23 21 | 0 53 | 20 39 | 0 46 | 10 14 | 2 25 | 23 5 | 0 23 | 18 5 | 0 14 | 17 46 | 5 24 | 22 31 | 22 31 | 12 42 | 6 52 | 2 50 |
| S 11 | 22 3 | 7 4 | 5 5 | 23 16 | 0n 4 | 18 31 | 4 27 | 23 17 | 0 53 | 20 38 | 0 46 | 10 15 | 2 26 | 23 5 | 0 23 | 18 5 | 0 14 | 17 46 | 5 24 | 22 31 | 22 32 | 12 44 | 6 52 | 2 50 |
| M12 | 21 55 | 12 4 | 4 34 | 23 20 | 0 15 | 18 24 | 4 37 | 23 12 | 0 53 | 20 38 | 0 46 | 10 16 | 2 26 | 23 6 | 0 23 | 18 4 | 0 14 | 17 45 | 5 24 | 22 31 | 22 32 | 12 46 | 6 52 | 2 50 |
| T 13 | 21 46 | 16 25 | 3 46 | 23 21 | 0 26 | 18 16 | 4 46 | 23 8 | 0 54 | 20 37 | 0 45 | 10 17 | 2 26 | 23 6 | 0 23 | 18 4 | 0 14 | 17 45 | 5 24 | 22 31 | 22 32 | 12 49 | 6 52 | 2 50 |
| W14 | 21 37 | 19 48 | 2 43 | 23 19 | 0 36 | 18 10 | 4 55 | 23 3 | 0 54 | 20 37 | 0 45 | 10 18 | 2 26 | 23 6 | 0 23 | 18 3 | 0 14 | 17 45 | 5 24 | 22 31 | 22 33 | 12 51 | 6 52 | 2 50 |
| T 15 | 21 28 | 21 54 | 1 29 | 23 16 | 0 46 | 18 3 | 5 3 | 22 58 | 0 55 | 20 37 | 0 45 | 10 19 | 2 26 | 23 6 | 0 23 | 18 3 | 0 14 | 17 45 | 5 24 | 22 31 | 22 33 | 12 53 | 6 52 | 2 50 |
| F 16 | 21 18 | 22 32 | 0 11 | 23 9 | 0 55 | 17 57 | 5 11 | 22 52 | 0 55 | 20 36 | 0 45 | 10 19 | 2 27 | 23 7 | 0 23 | 18 2 | 0 14 | 17 45 | 5 24 | 22 31 | 22 33 | 12 55 | 6 52 | 2 51 |
| S 17 | 21 8 | 21 42 | 1s 7 | 23 0 | 1 4 | 17 52 | 5 18 | 22 47 | 0 55 | 20 36 | 0 45 | 10 20 | 2 27 | 23 7 | 0 23 | 18 1 | 0 14 | 17 45 | 5 24 | 22 31 | 22 34 | 12 58 | 6 52 | 2 51 |
| S 18 | 20 58 | 19 33 | 2 20 | 22 48 | 1 11 | 17 47 | 5 24 | 22 41 | 0 56 | 20 36 | 0 44 | 10 21 | 2 27 | 23 7 | 0 23 | 18 1 | 0 14 | 17 45 | 5 24 | 22 31 | 22 34 | 13 0 | 6 52 | 2 51 |
| M19 | 20 47 | 16 21 | 3 22 | 22 33 | 1 18 | 17 42 | 5 30 | 22 35 | 0 56 | 20 36 | 0 44 | 10 22 | 2 27 | 23 7 | 0 23 | 18 0 | 0 14 | 17 45 | 5 24 | 22 31 | 22 34 | 13 2 | 6 52 | 2 51 |
| T 20 | 20 36 | 12 23 | 4 12 | 22 15 | 1 25 | 17 38 | 5 35 | 22 29 | 0 56 | 20 35 | 0 44 | 10 22 | 2 28 | 23 7 | 0 23 | 18 0 | 0 14 | 17 45 | 5 24 | 22 31 | 22 35 | 13 5 | 6 52 | 2 51 |
| W21 | 20 25 | 7 58 | 4 48 | 21 56 | 1 30 | 17 35 | 5 39 | 22 23 | 0 57 | 20 35 | 0 44 | 10 23 | 2 28 | 23 8 | 0 23 | 17 59 | 0 14 | 17 45 | 5 24 | 22 31 | 22 35 | 13 7 | 6 52 | 2 51 |
| T 22 | 20 13 | 3 19 | 5 9 | 21 33 | 1 35 | 17 31 | 5 43 | 22 17 | 0 57 | 20 35 | 0 43 | 10 24 | 2 28 | 23 8 | 0 23 | 17 59 | 0 14 | 17 45 | 5 24 | 22 31 | 22 35 | 13 9 | 6 52 | 2 51 |
| F 23 | 20 1 | 1n21 | 5 16 | 21 9 | 1 39 | 17 29 | 5 46 | 22 10 | 0 57 | 20 35 | 0 43 | 10 24 | 2 29 | 23 8 | 0 23 | 17 58 | 0 14 | 17 45 | 5 24 | 22 31 | 22 36 | 13 11 | 6 52 | 2 51 |
| S 24 | 19 49 | 5 53 | 5 8 | 20 42 | 1 42 | 17 26 | 5 49 | 22 4 | 0 58 | 20 35 | 0 43 | 10 25 | 2 29 | 23 8 | 0 23 | 17 58 | 0 14 | 17 45 | 5 24 | 22 31 | 22 36 | 13 14 | 6 52 | 2 51 |
| S 25 | 19 36 | 10 10 | 4 47 | 20 13 | 1 45 | 17 25 | 5 51 | 21 57 | 0 58 | 20 35 | 0 43 | 10 25 | 2 29 | 23 9 | 0 23 | 17 57 | 0 14 | 17 45 | 5 24 | 22 31 | 22 36 | 13 16 | 6 52 | 2 51 |
| M26 | 19 23 | 14 2 | 4 14 | 19 43 | 1 46 | 17 23 | 5 53 | 21 50 | 0 58 | 20 35 | 0 43 | 10 26 | 2 29 | 23 9 | 0 23 | 17 56 | 0 14 | 17 45 | 5 24 | 22 31 | 22 37 | 13 18 | 6 52 | 2 51 |
| T 27 | 19 10 | 17 22 | 3 30 | 19 11 | 1 47 | 17 22 | 5 54 | 21 43 | 0 59 | 20 35 | 0 42 | 10 26 | 2 30 | 23 9 | 0 23 | 17 56 | 0 14 | 17 44 | 5 24 | 22 31 | 22 37 | 13 21 | 6 52 | 2 51 |
| W28 | 18 56 | 20 0 | 2 37 | 18 37 | 1 48 | 17 21 | 5 55 | 21 35 | 0 59 | 20 35 | 0 42 | 10 27 | 2 30 | 23 9 | 0 23 | 17 55 | 0 14 | 17 44 | 5 24 | 22 31 | 22 37 | 13 23 | 6 51 | 2 52 |
| T 29 | 18 42 | 21 46 | 1 36 | 18 2 | 1 47 | 17 21 | 5 55 | 21 28 | 0 59 | 20 35 | 0 42 | 10 27 | 2 30 | 23 9 | 0 23 | 17 55 | 0 14 | 17 44 | 5 24 | 22 31 | 22 38 | 13 25 | 6 51 | 2 52 |
| F 30 | 18 28 | 22 32 | 0 29 | 17 25 | 1 46 | 17 21 | 5 55 | 21 20 | 1 0 | 20 35 | 0 42 | 10 27 | 2 30 | 23 10 | 0 23 | 17 54 | 0 14 | 17 44 | 5 24 | 22 31 | 22 38 | 13 27 | 6 51 | 2 52 |
| S 31 | 18n13 | 22n 9 | 0n40 | 16n48 | 1n45 | 17n21 | 5s54 | 21n12 | 1n 0 | 20s35 | 0n41 | 10n28 | 2s31 | 23s10 | 0s23 | 17n54 | 0s14 | 17n44 | 5s24 | 22n31 | 22n38 | 13n30 | 6n51 | 2n52 |

Julian Day Number = 2601475.5, Delta T = 09m09s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'45, Lahiri = 29°35'47


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## AUGUST 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 38 30 | 8♌59'49 | 5♌33 | 20♌47 | 6♋ 6 | 0♌ 3 | 6°R 1 | 4♉ 2 | 12°R37 | 8♌28 | 8♋16 | 15°R15 | 14♋ 3 | 19♉31 | 10°R38 | S 1 |
| M 2 | 20 42 26 | 9°57'10 | 18°44 | 22°40 | 6°17 | 0°42 | 6♐ 0 | 4° 3 | 12♏35 | 8°30 | 8°17 | 15♋12 | 14° 0 | 19°38 | 10♈37 | M 2 |
| T 3 | 20 46 23 | 10°54'31 | 2♍11 | 24°32 | 6°30 | 1°22 | 6°D 0 | 4° 5 | 12°33 | 8°32 | 8°18 | 15° 9 | 13°57 | 19°45 | 10°36 | T 3 |
| W 4 | 20 50 19 | 11°51'54 | 15°52 | 26°22 | 6°46 | 2° 1 | 6° 1 | 4° 6 | 12°31 | 8°34 | 8°19 | 15° 5 | 13°53 | 19°51 | 10°35 | W 4 |
| T 5 | 20 54 16 | 12°49'16 | 29°46 | 28°10 | 7° 3 | 2°40 | 6° 1 | 4° 7 | 12°29 | 8°37 | 8°21 | 15° 1 | 13°50 | 19°58 | 10°34 | T 5 |
| F 6 | 20 58 12 | 13°46'40 | 13♎48 | 29°57 | 7°22 | 3°19 | 6° 1 | 4° 8 | 12°27 | 8°39 | 8°22 | 14°58 | 13°47 | 20° 5 | 10°33 | F 6 |
| S 7 | 21 2 9 | 14°44'04 | 27°56 | 1♍42 | 7°43 | 3°58 | 6° 2 | 4° 9 | 12°25 | 8°41 | 8°23 | 14°56 | 13°44 | 20°12 | 10°32 | S 7 |
| S 8 | 21 6 5 | 15°41'28 | 12♏ 7 | 3°25 | 8° 5 | 4°37 | 6° 3 | 4°10 | 12°23 | 8°43 | 8°24 | 14°D55 | 13°41 | 20°18 | 10°30 | S 8 |
| M 9 | 21 10 2 | 16°38'53 | 26°20 | 5° 7 | 8°29 | 5°16 | 6° 4 | 4°11 | 12°21 | 8°45 | 8°25 | 14°55 | 13°37 | 20°25 | 10°29 | M 9 |
| T 10 | 21 13 59 | 17°36'18 | 10♐31 | 6°47 | 8°55 | 5°55 | 6° 5 | 4°12 | 12°19 | 8°48 | 8°27 | 14°56 | 13°34 | 20°32 | 10°28 | T 10 |
| W11 | 21 17 55 | 18°33'45 | 24°39 | 8°25 | 9°23 | 6°34 | 6° 7 | 4°12 | 12°18 | 8°50 | 8°28 | 14°58 | 13°31 | 20°38 | 10°26 | W11 |
| T 12 | 21 21 52 | 19°31'12 | 8♑42 | 10° 1 | 9°52 | 7°13 | 6° 8 | 4°13 | 12°16 | 8°52 | 8°29 | 14°R59 | 13°28 | 20°45 | 10°25 | T 12 |
| F 13 | 21 25 48 | 20°28'39 | 22°38 | 11°36 | 10°22 | 7°52 | 6°10 | 4°13 | 12°14 | 8°54 | 8°30 | 14°59 | 13°25 | 20°52 | 10°23 | F 13 |
| S 14 | 21 29 45 | 21°26'08 | 6♒24 | 13°10 | 10°54 | 8°30 | 6°12 | 4°13 | 12°12 | 8°56 | 8°31 | 14°57 | 13°22 | 20°58 | 10°22 | S 14 |
| S 15 | 21 33 41 | 22°23'37 | 19°57 | 14°41 | 11°27 | 9° 9 | 6°14 | 4°13 | 12°11 | 8°59 | 8°32 | 14°53 | 13°18 | 21° 5 | 10°20 | S 15 |
| M16 | 21 37 38 | 23°21'07 | 3♓15 | 16°11 | 12° 2 | 9°48 | 6°17 | 4°R14 | 12° 9 | 9° 1 | 8°33 | 14°48 | 13°15 | 21°12 | 10°18 | M16 |
| T 17 | 21 41 34 | 24°18'39 | 16°17 | 17°40 | 12°37 | 10°27 | 6°19 | 4°13 | 12° 7 | 9° 3 | 8°34 | 14°42 | 13°12 | 21°19 | 10°17 | T 17 |
| W18 | 21 45 31 | 25°16'11 | 29° 3 | 19° 6 | 13°14 | 11° 6 | 6°22 | 4°13 | 12° 6 | 9° 5 | 8°35 | 14°35 | 13° 9 | 21°25 | 10°15 | W18 |
| T 19 | 21 49 28 | 26°13'45 | 11♈31 | 20°31 | 13°53 | 11°44 | 6°25 | 4°13 | 12° 4 | 9° 7 | 8°37 | 14°28 | 13° 6 | 21°32 | 10°13 | T 19 |
| F 20 | 21 53 24 | 27°11'20 | 23°46 | 21°55 | 14°32 | 12°23 | 6°28 | 4°13 | 12° 3 | 9° 9 | 8°38 | 14°23 | 13° 3 | 21°39 | 10°11 | F 20 |
| S 21 | 21 57 21 | 28° 8'57 | 5♉48 | 23°16 | 15°12 | 13° 2 | 6°31 | 4°12 | 12° 1 | 9°12 | 8°39 | 14°18 | 12°59 | 21°45 | 10° 9 | S 21 |
| S 22 | 22 1 17 | 29° 6'35 | 17°43 | 24°36 | 15°54 | 13°40 | 6°34 | 4°12 | 12° 0 | 9°14 | 8°40 | 14°16 | 12°56 | 21°52 | 10° 7 | S 22 |
| M23 | 22 5 14 | 0♍ 4'15 | 29°34 | 25°53 | 16°36 | 14°19 | 6°38 | 4°11 | 11°59 | 9°16 | 8°41 | 14°D15 | 12°53 | 21°59 | 10° 5 | M23 |
| T 24 | 22 9 10 | 1° 1'56 | 11♊26 | 27° 9 | 17°20 | 14°57 | 6°41 | 4°10 | 11°57 | 9°18 | 8°42 | 14°15 | 12°50 | 22° 5 | 10° 3 | T 24 |
| W25 | 22 13 7 | 1°59'38 | 23°26 | 28°23 | 18° 4 | 15°36 | 6°45 | 4° 9 | 11°56 | 9°20 | 8°42 | 14°17 | 12°47 | 22°12 | 10° 1 | W25 |
| T 26 | 22 17 3 | 2°57'23 | 5♋37 | 29°35 | 18°49 | 16°14 | 6°49 | 4° 8 | 11°55 | 9°22 | 8°43 | 14°18 | 12°43 | 22°19 | 9°59 | T 26 |
| F 27 | 22 21 0 | 3°55'09 | 18° 4 | 0♎45 | 19°36 | 16°53 | 6°54 | 4° 7 | 11°54 | 9°24 | 8°44 | 14°R18 | 12°40 | 22°25 | 9°57 | F 27 |
| S 28 | 22 24 56 | 4°52'56 | 0♌50 | 1°53 | 20°23 | 17°31 | 6°58 | 4° 6 | 11°52 | 9°26 | 8°45 | 14°17 | 12°37 | 22°32 | 9°55 | S 28 |
| S 29 | 22 28 53 | 5°50'45 | 13°59 | 2°59 | 21°11 | 18°10 | 7° 3 | 4° 5 | 11°51 | 9°28 | 8°46 | 14°13 | 12°34 | 22°39 | 9°53 | S 29 |
| M30 | 22 32 50 | 6°48'35 | 27°29 | 4° 2 | 21°59 | 18°48 | 7° 7 | 4° 3 | 11°50 | 9°30 | 8°47 | 14° 8 | 12°31 | 22°46 | 9°50 | M30 |
| T 31 | 22 36 46 | 7♍46'27 | 11♍21 | 5♎ 2 | 22♋48 | 19♌27 | 7♐12 | 4♉ 2 | 11♑49 | 9♌32 | 8♋48 | 14♋ 0 | 12♋28 | 22♉52 | 9♈48 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n58 | 20n36 | 1n49 | 16n 9 | 1n42 | 17n21 | 5s54 | 21n 5 | 1n 0 | 20s35 | 0n41 | 10n28 | 2s31 | 23s10 | 0s23 | 17n53 | 0s14 | 17n44 | 5s24 | 22n31 | 22n39 | 13n32 | 6n50 | 2n52 |
| M 2 | 17 43 | 17 56 | 2 54 | 15 30 | 1 39 | 17 22 | 5 52 | 20 56 | 1 1 | 20 35 | 0 41 | 10 28 | 2 31 | 23 10 | 0 23 | 17 53 | 0 14 | 17 44 | 5 24 | 22 31 | 22 39 | 13 34 | 6 50 | 2 52 |
| T 3 | 17 27 | 14 15 | 3 50 | 14 49 | 1 36 | 17 23 | 5 51 | 20 48 | 1 1 | 20 35 | 0 41 | 10 28 | 2 31 | 23 10 | 0 23 | 17 52 | 0 14 | 17 44 | 5 24 | 22 32 | 22 39 | 13 36 | 6 50 | 2 52 |
| W 4 | 17 12 | 9 46 | 4 33 | 14 9 | 1 32 | 17 24 | 5 49 | 20 40 | 1 1 | 20 36 | 0 41 | 10 29 | 2 32 | 23 11 | 0 23 | 17 51 | 0 14 | 17 44 | 5 24 | 22 32 | 22 40 | 13 39 | 6 49 | 2 52 |
| T 5 | 16 56 | 4 43 | 5 2 | 13 27 | 1 28 | 17 26 | 5 47 | 20 31 | 1 2 | 20 36 | 0 40 | 10 29 | 2 32 | 23 11 | 0 23 | 17 51 | 0 14 | 17 44 | 5 24 | 22 32 | 22 40 | 13 41 | 6 49 | 2 52 |
| F 6 | 16 39 | 0s37 | 5 13 | 12 46 | 1 23 | 17 27 | 5 44 | 20 22 | 1 2 | 20 36 | 0 40 | 10 29 | 2 32 | 23 11 | 0 23 | 17 50 | 0 14 | 17 44 | 5 24 | 22 33 | 22 40 | 13 43 | 6 48 | 2 52 |
| S 7 | 16 23 | 5 58 | 5 5 | 12 3 | 1 18 | 17 29 | 5 42 | 20 14 | 1 2 | 20 37 | 0 40 | 10 29 | 2 32 | 23 11 | 0 23 | 17 50 | 0 14 | 17 43 | 5 24 | 22 33 | 22 41 | 13 45 | 6 48 | 2 52 |
| S 8 | 16 6 | 11 1 | 4 38 | 11 21 | 1 12 | 17 30 | 5 39 | 20 5 | 1 2 | 20 37 | 0 40 | 10 29 | 2 33 | 23 11 | 0 23 | 17 49 | 0 14 | 17 43 | 5 24 | 22 33 | 22 41 | 13 48 | 6 48 | 2 52 |
| M 9 | 15 49 | 15 29 | 3 55 | 10 38 | 1 6 | 17 32 | 5 35 | 19 55 | 1 3 | 20 37 | 0 39 | 10 29 | 2 33 | 23 11 | 0 23 | 17 49 | 0 14 | 17 43 | 5 24 | 22 33 | 22 41 | 13 50 | 6 47 | 2 52 |
| T 10 | 15 31 | 19 3 | 2 57 | 9 55 | 0 59 | 17 34 | 5 32 | 19 46 | 1 3 | 20 38 | 0 39 | 10 29 | 2 33 | 23 12 | 0 23 | 17 48 | 0 14 | 17 43 | 5 24 | 22 33 | 22 42 | 13 52 | 6 47 | 2 52 |
| W11 | 15 14 | 21 28 | 1 49 | 9 13 | 0 53 | 17 36 | 5 28 | 19 37 | 1 3 | 20 38 | 0 39 | 10 29 | 2 34 | 23 12 | 0 23 | 17 47 | 0 14 | 17 43 | 5 24 | 22 33 | 22 42 | 13 54 | 6 46 | 2 52 |
| T 12 | 14 56 | 22 32 | 0 34 | 8 30 | 0 45 | 17 37 | 5 25 | 19 27 | 1 4 | 20 39 | 0 39 | 10 29 | 2 34 | 23 12 | 0 23 | 17 47 | 0 14 | 17 43 | 5 25 | 22 33 | 22 42 | 13 57 | 6 46 | 2 53 |
| F 13 | 14 38 | 22 10 | 0s42 | 7 47 | 0 38 | 17 39 | 5 21 | 19 17 | 1 4 | 20 39 | 0 39 | 10 29 | 2 34 | 23 12 | 0 23 | 17 46 | 0 14 | 17 43 | 5 25 | 22 33 | 22 43 | 13 59 | 6 45 | 2 53 |
| S 14 | 14 20 | 20 28 | 1 54 | 7 4 | 0 30 | 17 41 | 5 17 | 19 8 | 1 4 | 20 40 | 0 38 | 10 29 | 2 34 | 23 12 | 0 23 | 17 46 | 0 14 | 17 43 | 5 25 | 22 33 | 22 43 | 14 1 | 6 44 | 2 53 |
| S 15 | 14 1 | 17 37 | 2 59 | 6 22 | 0 22 | 17 42 | 5 12 | 18 58 | 1 4 | 20 40 | 0 38 | 10 28 | 2 35 | 23 12 | 0 23 | 17 45 | 0 14 | 17 43 | 5 25 | 22 33 | 22 43 | 14 3 | 6 44 | 2 53 |
| M16 | 13 42 | 13 54 | 3 52 | 5 39 | 0 14 | 17 44 | 5 8 | 18 48 | 1 5 | 20 41 | 0 38 | 10 28 | 2 35 | 23 13 | 0 23 | 17 45 | 0 14 | 17 43 | 5 25 | 22 34 | 22 44 | 14 6 | 6 43 | 2 53 |
| T 17 | 13 23 | 9 35 | 4 32 | 4 57 | 0 6 | 17 45 | 5 3 | 18 37 | 1 5 | 20 42 | 0 38 | 10 28 | 2 35 | 23 13 | 0 23 | 17 44 | 0 14 | 17 42 | 5 25 | 22 35 | 22 44 | 14 8 | 6 43 | 2 53 |
| W18 | 13 4 | 4 56 | 4 58 | 4 15 | 0s 3 | 17 46 | 4 59 | 18 27 | 1 5 | 20 42 | 0 38 | 10 28 | 2 35 | 23 13 | 0 23 | 17 43 | 0 14 | 17 42 | 5 25 | 22 35 | 22 44 | 14 10 | 6 42 | 2 53 |
| T 19 | 12 45 | 0 12 | 5 9 | 3 34 | 0 12 | 17 47 | 4 54 | 18 17 | 1 5 | 20 43 | 0 37 | 10 27 | 2 36 | 23 13 | 0 23 | 17 43 | 0 14 | 17 42 | 5 25 | 22 36 | 22 45 | 14 12 | 6 41 | 2 53 |
| F 20 | 12 25 | 4n28 | 5 5 | 2 53 | 0 21 | 17 48 | 4 49 | 18 6 | 1 6 | 20 44 | 0 37 | 10 27 | 2 36 | 23 13 | 0 23 | 17 42 | 0 14 | 17 42 | 5 25 | 22 37 | 22 45 | 14 15 | 6 41 | 2 53 |
| S 21 | 12 5 | 8 54 | 4 48 | 2 12 | 0 30 | 17 49 | 4 44 | 17 55 | 1 6 | 20 45 | 0 37 | 10 26 | 2 36 | 23 13 | 0 23 | 17 42 | 0 14 | 17 42 | 5 25 | 22 37 | 22 45 | 14 17 | 6 40 | 2 53 |
| S 22 | 11 45 | 12 56 | 4 18 | 1 32 | 0 40 | 17 49 | 4 39 | 17 45 | 1 6 | 20 45 | 0 37 | 10 26 | 2 36 | 23 13 | 0 23 | 17 41 | 0 14 | 17 42 | 5 25 | 22 37 | 22 45 | 14 19 | 6 39 | 2 53 |
| M23 | 11 25 | 16 28 | 3 38 | 0 53 | 0 49 | 17 50 | 4 34 | 17 34 | 1 7 | 20 46 | 0 36 | 10 25 | 2 37 | 23 13 | 0 23 | 17 41 | 0 14 | 17 42 | 5 25 | 22 38 | 22 46 | 14 21 | 6 38 | 2 53 |
| T 24 | 11 5 | 19 20 | 2 48 | 0 14 | 0 59 | 17 50 | 4 28 | 17 23 | 1 7 | 20 47 | 0 36 | 10 25 | 2 37 | 23 14 | 0 23 | 17 40 | 0 14 | 17 42 | 5 25 | 22 37 | 22 46 | 14 24 | 6 38 | 2 53 |
| W25 | 10 44 | 21 23 | 1 50 | 0s24 | 1 8 | 17 49 | 4 23 | 17 11 | 1 7 | 20 48 | 0 36 | 10 24 | 2 37 | 23 14 | 0 23 | 17 40 | 0 14 | 17 42 | 5 25 | 22 37 | 22 46 | 14 26 | 6 37 | 2 53 |
| T 26 | 10 24 | 22 29 | 0 47 | 1 2 | 1 18 | 17 49 | 4 18 | 17 0 | 1 7 | 20 49 | 0 36 | 10 24 | 2 37 | 23 14 | 0 23 | 17 39 | 0 14 | 17 42 | 5 25 | 22 37 | 22 47 | 14 28 | 6 36 | 2 53 |
| F 27 | 10 3 | 22 30 | 0n20 | 1 39 | 1 28 | 17 48 | 4 12 | 16 49 | 1 8 | 20 50 | 0 36 | 10 23 | 2 38 | 23 14 | 0 23 | 17 39 | 0 14 | 17 41 | 5 25 | 22 37 | 22 47 | 14 30 | 6 35 | 2 53 |
| S 28 | 9 42 | 21 21 | 1 28 | 2 15 | 1 38 | 17 47 | 4 7 | 16 37 | 1 8 | 20 50 | 0 35 | 10 23 | 2 38 | 23 14 | 0 23 | 17 38 | 0 14 | 17 41 | 5 25 | 22 37 | 22 47 | 14 32 | 6 34 | 2 53 |
| S 29 | 9 21 | 19 2 | 2 33 | 2 50 | 1 48 | 17 45 | 4 1 | 16 26 | 1 8 | 20 51 | 0 35 | 10 22 | 2 38 | 23 14 | 0 23 | 17 37 | 0 14 | 17 41 | 5 25 | 22 38 | 22 48 | 14 35 | 6 34 | 2 53 |
| M30 | 9 0 | 15 37 | 3 30 | 3 24 | 1 57 | 17 43 | 3 56 | 16 14 | 1 8 | 20 52 | 0 35 | 10 21 | 2 38 | 23 14 | 0 23 | 17 37 | 0 14 | 17 41 | 5 25 | 22 38 | 22 48 | 14 37 | 6 33 | 2 53 |
| T 31 | 8n38 | 11n16 | 4n17 | 3s57 | 2s 7 | 17n41 | 3s50 | 16n 2 | 1n 8 | 20s53 | 0n35 | 10n21 | 2s39 | 23s14 | 0s23 | 17n36 | 0s14 | 17n41 | 5s25 | 22n39 | 22n48 | 14n39 | 6n32 | 2n53 |

Julian Day Number = 2601506.5, Delta T = 09m09s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'50, Lahiri = 29°35'51


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## SEPTEMBER 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 40 43 | 8♍44'20 | 25♍30 | 6♎ 0 | 23♋39 | 20♌ 5 | 7♐17 | 4°R 0 | 11°R48 | 9♌34 | 8♋49 | 13°R51 | 12♋24 | 22♉59 | 9°R46 | W 1 |
| T 2 | 22 44 39 | 9°42'15 | 9♎51 | 6°56 | 24°29 | 20°43 | 7°22 | 3♉58 | 11♏47 | 9°36 | 8°49 | 13♋43 | 12°21 | 23° 6 | 9♈44 | T 2 |
| F 3 | 22 48 36 | 10°40'11 | 24°17 | 7°48 | 25°21 | 21°22 | 7°28 | 3°57 | 11°46 | 9°38 | 8°50 | 13°35 | 12°18 | 23°12 | 9°41 | F 3 |
| S 4 | 22 52 32 | 11°38'08 | 8♏44 | 8°37 | 26°13 | 22° 0 | 7°33 | 3°55 | 11°46 | 9°40 | 8°51 | 13°29 | 12°15 | 23°19 | 9°39 | S 4 |
| S 5 | 22 56 29 | 12°36'07 | 23° 7 | 9°23 | 27° 5 | 22°38 | 7°39 | 3°53 | 11°45 | 9°42 | 8°52 | 13°25 | 12°12 | 23°26 | 9°36 | S 5 |
| M 6 | 23 0 25 | 13°34'07 | 7♐21 | 10° 5 | 27°59 | 23°17 | 7°45 | 3°51 | 11°44 | 9°44 | 8°53 | 13°24 | 12° 9 | 23°32 | 9°34 | M 6 |
| T 7 | 23 4 22 | 14°32'08 | 21°25 | 10°44 | 28°53 | 23°55 | 7°51 | 3°49 | 11°43 | 9°46 | 8°53 | 13°D24 | 12° 5 | 23°39 | 9°31 | T 7 |
| W 8 | 23 8 19 | 15°30'11 | 5♑18 | 11°19 | 29°47 | 24°33 | 7°57 | 3°46 | 11°43 | 9°48 | 8°54 | 13°24 | 12° 2 | 23°46 | 9°29 | W 8 |
| T 9 | 23 12 15 | 16°28'14 | 19° 1 | 11°49 | 0♌42 | 25°11 | 8° 3 | 3°44 | 11°42 | 9°50 | 8°55 | 13°R24 | 11°59 | 23°52 | 9°26 | T 9 |
| F 10 | 23 16 12 | 17°26'20 | 2♒33 | 12°15 | 1°38 | 25°49 | 8° 9 | 3°41 | 11°42 | 9°52 | 8°55 | 13°23 | 11°56 | 23°59 | 9°24 | F 10 |
| S 11 | 23 20 8 | 18°24'26 | 15°54 | 12°36 | 2°34 | 26°28 | 8°16 | 3°39 | 11°41 | 9°53 | 8°56 | 13°19 | 11°53 | 24° 6 | 9°21 | S 11 |
| S 12 | 23 24 5 | 19°22'34 | 29° 4 | 12°52 | 3°30 | 27° 6 | 8°23 | 3°36 | 11°41 | 9°55 | 8°56 | 13°12 | 11°49 | 24°12 | 9°19 | S 12 |
| M13 | 23 28 1 | 20°20'44 | 12♓ 3 | 13° 3 | 4°27 | 27°44 | 8°29 | 3°34 | 11°40 | 9°57 | 8°57 | 13° 3 | 11°46 | 24°19 | 9°16 | M13 |
| T 14 | 23 31 58 | 21°18'55 | 24°49 | 13°R 8 | 5°25 | 28°22 | 8°36 | 3°31 | 11°40 | 9°59 | 8°58 | 12°52 | 11°43 | 24°26 | 9°13 | T 14 |
| W15 | 23 35 54 | 22°17'08 | 7♈22 | 13° 7 | 6°23 | 29° 0 | 8°43 | 3°28 | 11°40 | 10° 1 | 8°58 | 12°40 | 11°40 | 24°33 | 9°11 | W15 |
| T 16 | 23 39 51 | 23°15'23 | 19°43 | 12°59 | 7°21 | 29°38 | 8°51 | 3°25 | 11°39 | 10° 2 | 8°59 | 12°27 | 11°37 | 24°39 | 9° 8 | T 16 |
| F 17 | 23 43 48 | 24°13'40 | 1♉52 | 12°46 | 8°20 | 0♍16 | 8°58 | 3°22 | 11°39 | 10° 4 | 8°59 | 12°16 | 11°34 | 24°46 | 9° 5 | F 17 |
| S 18 | 23 47 44 | 25°11'59 | 13°51 | 12°25 | 9°20 | 0°54 | 9° 6 | 3°19 | 11°39 | 10° 6 | 9° 0 | 12° 8 | 11°30 | 24°53 | 9° 3 | S 18 |
| S 19 | 23 51 41 | 26°10'20 | 25°43 | 11°58 | 10°19 | 1°32 | 9°13 | 3°15 | 11°39 | 10° 7 | 9° 0 | 12° 1 | 11°27 | 24°59 | 9° 0 | S 19 |
| M20 | 23 55 37 | 27° 8'42 | 7♊33 | 11°25 | 11°20 | 2°10 | 9°21 | 3°12 | 11°39 | 10° 9 | 9° 1 | 11°57 | 11°24 | 25° 6 | 8°57 | M20 |
| T 21 | 23 59 34 | 28° 7'07 | 19°23 | 10°45 | 12°20 | 2°48 | 9°29 | 3° 9 | 11°D39 | 10°11 | 9° 1 | 11°56 | 11°21 | 25°13 | 8°54 | T 21 |
| W22 | 0 3 30 | 29° 5'35 | 1♋21 | 9°58 | 13°21 | 3°26 | 9°37 | 3° 5 | 11°39 | 10°12 | 9° 1 | 11°D55 | 11°18 | 25°19 | 8°52 | W22 |
| T 23 | 0 7 27 | 0♎ 4'04 | 13°30 | 9° 7 | 14°22 | 4° 3 | 9°45 | 3° 2 | 11°39 | 10°14 | 9° 2 | 11°R55 | 11°15 | 25°26 | 8°49 | T 23 |
| F 24 | 0 11 23 | 1° 2'35 | 25°57 | 8°10 | 15°24 | 4°41 | 9°53 | 2°58 | 11°39 | 10°15 | 9° 2 | 11°55 | 11°11 | 25°33 | 8°46 | F 24 |
| S 25 | 0 15 20 | 2° 1'09 | 8♌46 | 7°10 | 16°26 | 5°19 | 10° 2 | 2°54 | 11°39 | 10°17 | 9° 3 | 11°52 | 11° 8 | 25°39 | 8°43 | S 25 |
| S 26 | 0 19 17 | 2°59'44 | 22° 0 | 6° 7 | 17°28 | 5°57 | 10°10 | 2°51 | 11°40 | 10°18 | 9° 3 | 11°48 | 11° 5 | 25°46 | 8°40 | S 26 |
| M27 | 0 23 13 | 3°58'22 | 5♍42 | 5° 3 | 18°31 | 6°35 | 10°19 | 2°47 | 11°40 | 10°20 | 9° 3 | 11°40 | 11° 2 | 25°53 | 8°37 | M27 |
| T 28 | 0 27 10 | 4°57'02 | 19°50 | 3°59 | 19°34 | 7°12 | 10°28 | 2°43 | 11°40 | 10°21 | 9° 3 | 11°30 | 10°59 | 25°59 | 8°35 | T 28 |
| W29 | 0 31 6 | 5°55'43 | 4♎20 | 2°57 | 20°37 | 7°50 | 10°37 | 2°39 | 11°41 | 10°23 | 9° 4 | 11°19 | 10°55 | 26° 6 | 8°32 | W29 |
| T 30 | 0 35 3 | 6♎54'27 | 19♎ 6 | 1♎58 | 21♌41 | 8♍28 | 10♐46 | 2♉35 | 11♏41 | 10♌24 | 9♋ 4 | 11♋ 7 | 10♋52 | 26♉13 | 8♈29 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n17 | 6n13 | 4n50 | 4s29 | 2s17 | 17n38 | 3s44 | 15n50 | 1n 9 | 20s54 | 0n35 | 10n20 | 2s39 | 23s14 | 0s23 | 17n36 | 0s14 | 17n41 | 5s25 | 22n40 | 22n48 | 14n41 | 6n31 | 2n53 |
| T 2 | 7 55 | 0 47 | 5 4 | 4 59 | 2 27 | 17 35 | 3 39 | 15 38 | 1 9 | 20 55 | 0 34 | 10 19 | 2 39 | 23 14 | 0 23 | 17 35 | 0 14 | 17 41 | 5 25 | 22 41 | 22 49 | 14 43 | 6 30 | 2 53 |
| F 3 | 7 33 | 4s45 | 5 0 | 5 29 | 2 36 | 17 32 | 3 33 | 15 26 | 1 9 | 20 57 | 0 34 | 10 18 | 2 39 | 23 14 | 0 23 | 17 35 | 0 14 | 17 41 | 5 26 | 22 42 | 22 49 | 14 46 | 6 29 | 2 53 |
| S 4 | 7 11 | 10 1 | 4 36 | 5 57 | 2 46 | 17 28 | 3 27 | 15 14 | 1 9 | 20 58 | 0 34 | 10 17 | 2 40 | 23 15 | 0 23 | 17 34 | 0 14 | 17 41 | 5 26 | 22 42 | 22 49 | 14 48 | 6 28 | 2 53 |
| S 5 | 6 49 | 14 43 | 3 55 | 6 23 | 2 55 | 17 24 | 3 21 | 15 2 | 1 10 | 20 59 | 0 34 | 10 16 | 2 40 | 23 15 | 0 23 | 17 34 | 0 13 | 17 40 | 5 26 | 22 43 | 22 50 | 14 50 | 6 27 | 2 53 |
| M 6 | 6 27 | 18 31 | 3 0 | 6 48 | 3 4 | 17 20 | 3 15 | 14 50 | 1 10 | 21 0 | 0 34 | 10 16 | 2 40 | 23 15 | 0 23 | 17 33 | 0 13 | 17 40 | 5 26 | 22 43 | 22 50 | 14 52 | 6 26 | 2 53 |
| T 7 | 6 5 | 21 12 | 1 55 | 7 12 | 3 13 | 17 15 | 3 10 | 14 37 | 1 10 | 21 1 | 0 33 | 10 15 | 2 40 | 23 15 | 0 23 | 17 33 | 0 13 | 17 40 | 5 26 | 22 43 | 22 50 | 14 54 | 6 25 | 2 53 |
| W 8 | 5 42 | 22 34 | 0 43 | 7 33 | 3 21 | 17 9 | 3 4 | 14 25 | 1 10 | 21 2 | 0 33 | 10 14 | 2 41 | 23 15 | 0 23 | 17 32 | 0 13 | 17 40 | 5 26 | 22 43 | 22 51 | 14 57 | 6 24 | 2 53 |
| T 9 | 5 20 | 22 32 | 0s30 | 7 53 | 3 29 | 17 3 | 2 58 | 14 12 | 1 10 | 21 3 | 0 33 | 10 13 | 2 41 | 23 15 | 0 23 | 17 32 | 0 13 | 17 40 | 5 26 | 22 43 | 22 51 | 14 59 | 6 23 | 2 53 |
| F 10 | 4 57 | 21 10 | 1 40 | 8 10 | 3 37 | 16 57 | 2 52 | 14 0 | 1 11 | 21 5 | 0 33 | 10 12 | 2 41 | 23 15 | 0 23 | 17 31 | 0 13 | 17 40 | 5 26 | 22 43 | 22 51 | 15 1 | 6 22 | 2 53 |
| S 11 | 4 34 | 18 38 | 2 44 | 8 25 | 3 44 | 16 51 | 2 46 | 13 47 | 1 11 | 21 6 | 0 33 | 10 11 | 2 41 | 23 15 | 0 23 | 17 31 | 0 13 | 17 40 | 5 26 | 22 43 | 22 51 | 15 3 | 6 21 | 2 53 |
| S 12 | 4 12 | 15 10 | 3 38 | 8 37 | 3 51 | 16 43 | 2 40 | 13 34 | 1 11 | 21 7 | 0 33 | 10 9 | 2 41 | 23 15 | 0 23 | 17 30 | 0 13 | 17 40 | 5 26 | 22 44 | 22 52 | 15 5 | 6 20 | 2 53 |
| M13 | 3 49 | 11 1 | 4 19 | 8 46 | 3 57 | 16 36 | 2 35 | 13 21 | 1 11 | 21 8 | 0 32 | 10 8 | 2 42 | 23 15 | 0 23 | 17 30 | 0 13 | 17 40 | 5 26 | 22 45 | 22 52 | 15 8 | 6 19 | 2 53 |
| T 14 | 3 26 | 6 27 | 4 47 | 8 53 | 4 2 | 16 28 | 2 29 | 13 8 | 1 11 | 21 10 | 0 32 | 10 7 | 2 42 | 23 15 | 0 23 | 17 29 | 0 13 | 17 40 | 5 26 | 22 46 | 22 52 | 15 10 | 6 18 | 2 53 |
| W15 | 3 3 | 1 41 | 5 0 | 8 56 | 4 6 | 16 20 | 2 23 | 12 55 | 1 12 | 21 11 | 0 32 | 10 6 | 2 42 | 23 15 | 0 23 | 17 29 | 0 13 | 17 39 | 5 26 | 22 47 | 22 52 | 15 12 | 6 17 | 2 53 |
| T 16 | 2 40 | 3n 4 | 4 59 | 8 56 | 4 9 | 16 11 | 2 17 | 12 42 | 1 12 | 21 12 | 0 32 | 10 5 | 2 42 | 23 15 | 0 23 | 17 29 | 0 13 | 17 39 | 5 26 | 22 48 | 22 53 | 15 14 | 6 16 | 2 53 |
| F 17 | 2 17 | 7 38 | 4 45 | 8 53 | 4 11 | 16 1 | 2 11 | 12 29 | 1 12 | 21 13 | 0 32 | 10 4 | 2 42 | 23 15 | 0 23 | 17 28 | 0 13 | 17 39 | 5 26 | 22 49 | 22 53 | 15 16 | 6 15 | 2 53 |
| S 18 | 1 54 | 11 52 | 4 17 | 8 46 | 4 12 | 15 52 | 2 6 | 12 15 | 1 12 | 21 15 | 0 31 | 10 2 | 2 43 | 23 15 | 0 23 | 17 28 | 0 13 | 17 39 | 5 26 | 22 50 | 22 53 | 15 18 | 6 14 | 2 53 |
| S 19 | 1 31 | 15 36 | 3 39 | 8 35 | 4 11 | 15 41 | 2 0 | 12 2 | 1 12 | 21 16 | 0 31 | 10 1 | 2 43 | 23 15 | 0 23 | 17 27 | 0 13 | 17 39 | 5 27 | 22 51 | 22 54 | 15 21 | 6 13 | 2 53 |
| M20 | 1 8 | 18 42 | 2 52 | 8 19 | 4 9 | 15 31 | 1 54 | 11 49 | 1 13 | 21 17 | 0 31 | 10 0 | 2 43 | 23 15 | 0 22 | 17 27 | 0 13 | 17 39 | 5 27 | 22 51 | 22 54 | 15 23 | 6 11 | 2 53 |
| T 21 | 0 45 | 21 2 | 1 57 | 8 0 | 4 5 | 15 19 | 1 49 | 11 35 | 1 13 | 21 19 | 0 31 | 9 59 | 2 43 | 23 15 | 0 22 | 17 26 | 0 13 | 17 39 | 5 27 | 22 51 | 22 54 | 15 25 | 6 10 | 2 53 |
| W22 | 0 22 | 22 27 | 0 56 | 7 37 | 3 59 | 15 8 | 1 43 | 11 22 | 1 13 | 21 20 | 0 31 | 9 57 | 2 43 | 23 15 | 0 22 | 17 26 | 0 13 | 17 39 | 5 27 | 22 51 | 22 54 | 15 27 | 6 9 | 2 53 |
| T 23 | 0s 2 | 22 50 | 0n 8 | 7 9 | 3 52 | 14 56 | 1 37 | 11 8 | 1 13 | 21 22 | 0 31 | 9 56 | 2 43 | 23 15 | 0 22 | 17 25 | 0 13 | 17 39 | 5 27 | 22 51 | 22 55 | 15 29 | 6 8 | 2 53 |
| F 24 | 0 25 | 22 7 | 1 14 | 6 38 | 3 42 | 14 43 | 1 32 | 10 55 | 1 13 | 21 23 | 0 30 | 9 54 | 2 44 | 23 15 | 0 22 | 17 25 | 0 13 | 17 39 | 5 27 | 22 51 | 22 55 | 15 31 | 6 7 | 2 53 |
| S 25 | 0 48 | 20 14 | 2 17 | 6 4 | 3 31 | 14 30 | 1 26 | 10 41 | 1 14 | 21 24 | 0 30 | 9 53 | 2 44 | 23 15 | 0 22 | 17 25 | 0 13 | 17 38 | 5 27 | 22 51 | 22 55 | 15 34 | 6 6 | 2 53 |
| S 26 | 1 11 | 17 13 | 3 15 | 5 27 | 3 18 | 14 17 | 1 21 | 10 27 | 1 14 | 21 26 | 0 30 | 9 52 | 2 44 | 23 15 | 0 22 | 17 24 | 0 13 | 17 38 | 5 27 | 22 52 | 22 55 | 15 36 | 6 5 | 2 53 |
| M27 | 1 35 | 13 11 | 4 4 | 4 48 | 3 3 | 14 3 | 1 15 | 10 13 | 1 14 | 21 27 | 0 30 | 9 50 | 2 44 | 23 15 | 0 22 | 17 24 | 0 13 | 17 38 | 5 27 | 22 52 | 22 56 | 15 38 | 6 3 | 2 53 |
| T 28 | 1 58 | 8 18 | 4 39 | 4 7 | 2 46 | 13 49 | 1 10 | 9 59 | 1 14 | 21 29 | 0 30 | 9 49 | 2 44 | 23 15 | 0 22 | 17 23 | 0 13 | 17 38 | 5 27 | 22 53 | 22 56 | 15 40 | 6 2 | 2 52 |
| W29 | 2 21 | 2 51 | 4 58 | 3 26 | 2 28 | 13 34 | 1 5 | 9 46 | 1 14 | 21 30 | 0 30 | 9 47 | 2 44 | 23 15 | 0 22 | 17 23 | 0 13 | 17 38 | 5 27 | 22 54 | 22 56 | 15 42 | 6 1 | 2 52 |
| T 30 | 2s44 | 2s52 | 4n57 | 2s45 | 2s 9 | 13n19 | 0s59 | 9n32 | 1n14 | 21s31 | 0n29 | 9n46 | 2s45 | 23s15 | 0s22 | 17n23 | 0s13 | 17n38 | 5s27 | 22n55 | 22n57 | 15n44 | 6n 0 | 2n52 |

Julian Day Number = 2601537.5, Delta T = 09m09s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'54, Lahiri = 29°35'55


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## OCTOBER 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 38 59 | 7♎53'13 | 3♏59 | 1°R 4 | 22♌45 | 9♍ 6 | 10♐55 | 2°R31 | 11♑42 | 10♒26 | 9♋ 4 | 10°R57 | 10♋49 | 26♉19 | 8°R26 | F 1 |
| S 2 | 0 42 56 | 8°52'00 | 18°49 | 0♎17 | 23°49 | 9°43 | 11° 4 | 2♉27 | 11°42 | 10°27 | 9° 4 | 10♋48 | 10°46 | 26°26 | 8♈23 | S 2 |
| S 3 | 0 46 52 | 9°50'49 | 3♐31 | 29♍37 | 24°53 | 10°21 | 11°13 | 2°23 | 11°43 | 10°28 | 9° 4 | 10°43 | 10°43 | 26°33 | 8°20 | S 3 |
| M 4 | 0 50 49 | 10°49'40 | 17°58 | 29° 6 | 25°58 | 10°59 | 11°23 | 2°18 | 11°43 | 10°30 | 9° 5 | 10°40 | 10°40 | 26°40 | 8°18 | M 4 |
| T 5 | 0 54 45 | 11°48'33 | 2♑ 6 | 28°44 | 27° 3 | 11°36 | 11°33 | 2°14 | 11°44 | 10°31 | 9° 5 | 10°39 | 10°36 | 26°46 | 8°15 | T 5 |
| W 6 | 0 58 42 | 12°47'27 | 15°57 | 28°32 | 28° 8 | 12°14 | 11°42 | 2°10 | 11°45 | 10°32 | 9° 5 | 10°39 | 10°33 | 26°53 | 8°12 | W 6 |
| T 7 | 1 2 39 | 13°46'23 | 29°30 | 28°D31 | 29°13 | 12°51 | 11°52 | 2° 5 | 11°46 | 10°33 | 9° 5 | 10°38 | 10°30 | 27° 0 | 8° 9 | T 7 |
| F 8 | 1 6 35 | 14°45'21 | 12♒47 | 28°39 | 0♍19 | 13°29 | 12° 2 | 2° 1 | 11°47 | 10°35 | 9° 5 | 10°36 | 10°27 | 27° 6 | 8° 6 | F 8 |
| S 9 | 1 10 32 | 15°44'21 | 25°49 | 28°58 | 1°25 | 14° 6 | 12°12 | 1°57 | 11°48 | 10°36 | 9°R 5 | 10°31 | 10°24 | 27°13 | 8° 4 | S 9 |
| S 10 | 1 14 28 | 16°43'22 | 8♓40 | 29°27 | 2°31 | 14°44 | 12°22 | 1°52 | 11°48 | 10°37 | 9° 5 | 10°24 | 10°20 | 27°20 | 8° 1 | S 10 |
| M11 | 1 18 25 | 17°42'25 | 21°19 | 0♎ 5 | 3°37 | 15°21 | 12°32 | 1°48 | 11°50 | 10°38 | 9° 5 | 10°13 | 10°17 | 27°26 | 7°58 | M11 |
| T 12 | 1 22 21 | 18°41'30 | 3♈48 | 0°52 | 4°44 | 15°59 | 12°42 | 1°43 | 11°51 | 10°39 | 9° 5 | 10° 1 | 10°14 | 27°33 | 7°55 | T 12 |
| W13 | 1 26 18 | 19°40'36 | 16° 8 | 1°47 | 5°51 | 16°36 | 12°53 | 1°38 | 11°52 | 10°40 | 9° 5 | 9°47 | 10°11 | 27°40 | 7°52 | W13 |
| T 14 | 1 30 14 | 20°39'45 | 28°18 | 2°49 | 6°58 | 17°14 | 13° 3 | 1°34 | 11°53 | 10°41 | 9° 5 | 9°33 | 10° 8 | 27°46 | 7°50 | T 14 |
| F 15 | 1 34 11 | 21°38'56 | 10♉19 | 3°58 | 8° 5 | 17°51 | 13°14 | 1°29 | 11°54 | 10°42 | 9° 4 | 9°21 | 10° 5 | 27°53 | 7°47 | F 15 |
| S 16 | 1 38 8 | 22°38'09 | 22°14 | 5°13 | 9°13 | 18°28 | 13°25 | 1°24 | 11°55 | 10°43 | 9° 4 | 9°10 | 10° 1 | 28° 0 | 7°44 | S 16 |
| S 17 | 1 42 4 | 23°37'25 | 4♊ 3 | 6°33 | 10°20 | 19° 6 | 13°35 | 1°20 | 11°57 | 10°44 | 9° 4 | 9° 3 | 9°58 | 28° 6 | 7°41 | S 17 |
| M18 | 1 46 1 | 24°36'42 | 15°51 | 7°57 | 11°28 | 19°43 | 13°46 | 1°15 | 11°58 | 10°45 | 9° 4 | 8°58 | 9°55 | 28°13 | 7°39 | M18 |
| T 19 | 1 49 57 | 25°36'02 | 27°40 | 9°25 | 12°36 | 20°20 | 13°57 | 1°10 | 11°59 | 10°46 | 9° 4 | 8°55 | 9°52 | 28°20 | 7°36 | T 19 |
| W20 | 1 53 54 | 26°35'24 | 9♋36 | 10°56 | 13°44 | 20°58 | 14° 8 | 1° 6 | 12° 1 | 10°47 | 9° 4 | 8°D55 | 9°49 | 28°26 | 7°33 | W20 |
| T 21 | 1 57 50 | 27°34'48 | 21°42 | 12°30 | 14°53 | 21°35 | 14°19 | 1° 1 | 12° 2 | 10°47 | 9° 3 | 8°R55 | 9°46 | 28°33 | 7°31 | T 21 |
| F 22 | 2 1 47 | 28°34'15 | 4♌ 6 | 14° 6 | 16° 2 | 22°12 | 14°30 | 0°56 | 12° 4 | 10°48 | 9° 3 | 8°55 | 9°42 | 28°40 | 7°28 | F 22 |
| S 23 | 2 5 43 | 29°33'44 | 16°51 | 15°44 | 17°10 | 22°49 | 14°42 | 0°51 | 12° 6 | 10°49 | 9° 3 | 8°54 | 9°39 | 28°46 | 7°26 | S 23 |
| S 24 | 2 9 40 | 0♏33'15 | 0♍ 3 | 17°23 | 18°19 | 23°26 | 14°53 | 0°46 | 12° 7 | 10°50 | 9° 2 | 8°50 | 9°36 | 28°53 | 7°23 | S 24 |
| M25 | 2 13 37 | 1°32'48 | 13°44 | 19° 3 | 19°28 | 24° 4 | 15° 4 | 0°42 | 12° 9 | 10°50 | 9° 2 | 8°44 | 9°33 | 29° 0 | 7°21 | M25 |
| T 26 | 2 17 33 | 2°32'24 | 27°54 | 20°44 | 20°38 | 24°41 | 15°16 | 0°37 | 12°11 | 10°51 | 9° 2 | 8°36 | 9°30 | 29° 6 | 7°18 | T 26 |
| W27 | 2 21 30 | 3°32'02 | 12♎32 | 22°25 | 21°47 | 25°18 | 15°28 | 0°32 | 12°12 | 10°51 | 9° 1 | 8°27 | 9°26 | 29°13 | 7°16 | W27 |
| T 28 | 2 25 26 | 4°31'41 | 27°30 | 24° 7 | 22°57 | 25°55 | 15°39 | 0°27 | 12°14 | 10°52 | 9° 1 | 8°16 | 9°23 | 29°20 | 7°13 | T 28 |
| F 29 | 2 29 23 | 5°31'23 | 12♏40 | 25°49 | 24° 7 | 26°32 | 15°51 | 0°23 | 12°16 | 10°53 | 9° 0 | 8° 7 | 9°20 | 29°27 | 7°11 | F 29 |
| S 30 | 2 33 19 | 6°31'07 | 27°51 | 27°31 | 25°16 | 27° 9 | 16° 3 | 0°18 | 12°18 | 10°53 | 9° 0 | 8° 0 | 9°17 | 29°33 | 7° 8 | S 30 |
| S 31 | 2 37 16 | 7♏30'53 | 12♐53 | 29♎13 | 26♍27 | 27♍46 | 16♐15 | 0♉13 | 12♑20 | 10♒54 | 9♋ 0 | 7♋55 | 9♋14 | 29♉40 | 7♈ 6 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s 7 | 8s28 | 4n37 | 2s 6 | 1s50 | 13n 3 | 0s54 | 9n18 | 1n15 | 21s33 | 0n29 | 9n44 | 2s45 | 23s15 | 0s22 | 17n22 | 0s13 | 17n38 | 5s27 | 22n56 | 22n57 | 15n46 | 5n59 | 2n52 |
| S 2 | 3 30 | 13 34 | 3 57 | 1 29 | 1 29 | 12 47 | 0 49 | 9 4 | 1 15 | 21 34 | 0 29 | 9 43 | 2 45 | 23 15 | 0 22 | 17 22 | 0 13 | 17 38 | 5 28 | 22 57 | 22 57 | 15 49 | 5 57 | 2 52 |
| S 3 | 3 54 | 17 49 | 3 3 | 0 54 | 1 9 | 12 31 | 0 44 | 8 50 | 1 15 | 21 36 | 0 29 | 9 41 | 2 45 | 23 15 | 0 22 | 17 22 | 0 13 | 17 38 | 5 28 | 22 57 | 22 57 | 15 51 | 5 56 | 2 52 |
| M 4 | 4 17 | 20 54 | 1 57 | 0 23 | 0 49 | 12 14 | 0 39 | 8 35 | 1 15 | 21 37 | 0 29 | 9 40 | 2 45 | 23 14 | 0 22 | 17 21 | 0 13 | 17 38 | 5 28 | 22 58 | 22 58 | 15 53 | 5 55 | 2 52 |
| T 5 | 4 40 | 22 37 | 0 45 | 0n 3 | 0 29 | 11 57 | 0 34 | 8 21 | 1 15 | 21 39 | 0 29 | 9 38 | 2 45 | 23 14 | 0 22 | 17 21 | 0 13 | 17 38 | 5 28 | 22 58 | 22 58 | 15 55 | 5 54 | 2 52 |
| W 6 | 5 2 | 22 54 | 0s28 | 0 25 | 0 11 | 11 39 | 0 29 | 8 7 | 1 15 | 21 40 | 0 28 | 9 37 | 2 45 | 23 14 | 0 22 | 17 21 | 0 13 | 17 37 | 5 28 | 22 58 | 22 58 | 15 57 | 5 53 | 2 52 |
| T 7 | 5 25 | 21 48 | 1 38 | 0 42 | 0n 7 | 11 21 | 0 24 | 7 53 | 1 15 | 21 42 | 0 28 | 9 35 | 2 45 | 23 14 | 0 22 | 17 20 | 0 13 | 17 37 | 5 28 | 22 58 | 22 58 | 15 59 | 5 51 | 2 52 |
| F 8 | 5 48 | 19 31 | 2 41 | 0 54 | 0 24 | 11 3 | 0 19 | 7 39 | 1 16 | 21 43 | 0 28 | 9 33 | 2 45 | 23 14 | 0 22 | 17 20 | 0 13 | 17 37 | 5 28 | 22 58 | 22 59 | 16 1 | 5 50 | 2 52 |
| S 9 | 6 11 | 16 15 | 3 34 | 1 1 | 0 39 | 10 44 | 0 14 | 7 24 | 1 16 | 21 45 | 0 28 | 9 32 | 2 45 | 23 14 | 0 22 | 17 20 | 0 13 | 17 37 | 5 28 | 22 58 | 22 59 | 16 3 | 5 49 | 2 52 |
| S 10 | 6 33 | 12 15 | 4 16 | 1 2 | 0 53 | 10 25 | 0 9 | 7 10 | 1 16 | 21 46 | 0 28 | 9 30 | 2 46 | 23 14 | 0 22 | 17 19 | 0 13 | 17 37 | 5 28 | 22 59 | 22 59 | 16 6 | 5 48 | 2 51 |
| M11 | 6 56 | 7 47 | 4 44 | 0 58 | 1 6 | 10 5 | 0 5 | 6 56 | 1 16 | 21 47 | 0 28 | 9 29 | 2 46 | 23 14 | 0 22 | 17 19 | 0 13 | 17 37 | 5 28 | 23 0 | 22 59 | 16 8 | 5 47 | 2 51 |
| T 12 | 7 18 | 3 3 | 4 58 | 0 50 | 1 17 | 9 45 | 0 0 | 6 41 | 1 16 | 21 49 | 0 28 | 9 27 | 2 46 | 23 14 | 0 22 | 17 19 | 0 13 | 17 37 | 5 28 | 23 1 | 23 0 | 16 10 | 5 45 | 2 51 |
| W13 | 7 41 | 1n44 | 4 58 | 0 37 | 1 27 | 9 25 | 0n 4 | 6 27 | 1 16 | 21 50 | 0 27 | 9 25 | 2 46 | 23 14 | 0 22 | 17 18 | 0 13 | 17 37 | 5 28 | 23 2 | 23 0 | 16 12 | 5 44 | 2 51 |
| T 14 | 8 3 | 6 24 | 4 45 | 0 20 | 1 35 | 9 4 | 0 9 | 6 12 | 1 16 | 21 52 | 0 27 | 9 24 | 2 46 | 23 13 | 0 22 | 17 18 | 0 13 | 17 37 | 5 28 | 23 3 | 23 0 | 16 14 | 5 43 | 2 51 |
| F 15 | 8 25 | 10 47 | 4 18 | 0s 1 | 1 42 | 8 43 | 0 13 | 5 58 | 1 16 | 21 53 | 0 27 | 9 22 | 2 46 | 23 13 | 0 22 | 17 18 | 0 13 | 17 37 | 5 28 | 23 3 | 23 0 | 16 16 | 5 42 | 2 51 |
| S 16 | 8 47 | 14 44 | 3 41 | 0 25 | 1 48 | 8 22 | 0 17 | 5 44 | 1 17 | 21 55 | 0 27 | 9 20 | 2 46 | 23 13 | 0 22 | 17 18 | 0 13 | 17 37 | 5 29 | 23 4 | 23 0 | 16 18 | 5 41 | 2 51 |
| S 17 | 9 9 | 18 4 | 2 54 | 0 52 | 1 53 | 8 0 | 0 22 | 5 29 | 1 17 | 21 56 | 0 27 | 9 19 | 2 46 | 23 13 | 0 22 | 17 17 | 0 13 | 17 37 | 5 29 | 23 5 | 23 1 | 16 20 | 5 39 | 2 51 |
| M18 | 9 31 | 20 40 | 1 59 | 1 22 | 1 56 | 7 39 | 0 26 | 5 15 | 1 17 | 21 58 | 0 27 | 9 17 | 2 46 | 23 13 | 0 22 | 17 17 | 0 13 | 17 37 | 5 29 | 23 5 | 23 1 | 16 22 | 5 38 | 2 50 |
| T 19 | 9 53 | 22 22 | 0 59 | 1 55 | 1 58 | 7 16 | 0 30 | 5 0 | 1 17 | 21 59 | 0 27 | 9 16 | 2 46 | 23 13 | 0 22 | 17 17 | 0 13 | 17 37 | 5 29 | 23 5 | 23 1 | 16 25 | 5 37 | 2 50 |
| W20 | 10 14 | 23 6 | 0n 4 | 2 29 | 1 59 | 6 54 | 0 34 | 4 45 | 1 17 | 22 1 | 0 26 | 9 14 | 2 46 | 23 13 | 0 22 | 17 17 | 0 13 | 17 37 | 5 29 | 23 5 | 23 1 | 16 27 | 5 36 | 2 50 |
| T 21 | 10 35 | 22 45 | 1 8 | 3 6 | 2 0 | 6 31 | 0 37 | 4 31 | 1 17 | 22 2 | 0 26 | 9 12 | 2 46 | 23 13 | 0 22 | 17 17 | 0 13 | 17 36 | 5 29 | 23 5 | 23 2 | 16 29 | 5 35 | 2 50 |
| F 22 | 10 57 | 21 17 | 2 10 | 3 43 | 1 59 | 6 8 | 0 41 | 4 16 | 1 17 | 22 3 | 0 26 | 9 11 | 2 46 | 23 12 | 0 22 | 17 16 | 0 13 | 17 36 | 5 29 | 23 5 | 23 2 | 16 31 | 5 34 | 2 50 |
| S 23 | 11 18 | 18 44 | 3 7 | 4 22 | 1 58 | 5 45 | 0 45 | 4 2 | 1 17 | 22 5 | 0 26 | 9 9 | 2 46 | 23 12 | 0 22 | 17 16 | 0 13 | 17 36 | 5 29 | 23 5 | 23 2 | 16 33 | 5 33 | 2 50 |
| S 24 | 11 38 | 15 8 | 3 57 | 5 2 | 1 56 | 5 21 | 0 49 | 3 47 | 1 18 | 22 6 | 0 26 | 9 7 | 2 46 | 23 12 | 0 22 | 17 16 | 0 13 | 17 36 | 5 29 | 23 5 | 23 2 | 16 35 | 5 31 | 2 50 |
| M25 | 11 59 | 10 37 | 4 35 | 5 42 | 1 53 | 4 57 | 0 52 | 3 33 | 1 18 | 22 8 | 0 26 | 9 6 | 2 46 | 23 12 | 0 22 | 17 16 | 0 13 | 17 36 | 5 29 | 23 6 | 23 3 | 16 37 | 5 30 | 2 50 |
| T 26 | 12 20 | 5 24 | 4 58 | 6 23 | 1 50 | 4 33 | 0 56 | 3 18 | 1 18 | 22 9 | 0 26 | 9 4 | 2 46 | 23 12 | 0 22 | 17 16 | 0 13 | 17 36 | 5 29 | 23 6 | 23 3 | 16 39 | 5 29 | 2 49 |
| W27 | 12 40 | 0s17 | 5 3 | 7 4 | 1 46 | 4 9 | 0 59 | 3 3 | 1 18 | 22 10 | 0 25 | 9 2 | 2 46 | 23 12 | 0 22 | 17 15 | 0 13 | 17 36 | 5 29 | 23 7 | 23 3 | 16 41 | 5 28 | 2 49 |
| T 28 | 13 0 | 6 6 | 4 47 | 7 45 | 1 42 | 3 45 | 1 2 | 2 49 | 1 18 | 22 12 | 0 25 | 9 1 | 2 46 | 23 11 | 0 22 | 17 15 | 0 13 | 17 36 | 5 29 | 23 8 | 23 3 | 16 43 | 5 27 | 2 49 |
| F 29 | 13 20 | 11 37 | 4 11 | 8 26 | 1 37 | 3 20 | 1 5 | 2 34 | 1 18 | 22 13 | 0 25 | 8 59 | 2 46 | 23 11 | 0 22 | 17 15 | 0 13 | 17 36 | 5 29 | 23 8 | 23 3 | 16 45 | 5 26 | 2 49 |
| S 30 | 13 40 | 16 26 | 3 17 | 9 8 | 1 33 | 2 55 | 1 8 | 2 20 | 1 18 | 22 14 | 0 25 | 8 58 | 2 46 | 23 11 | 0 22 | 17 15 | 0 13 | 17 36 | 5 29 | 23 9 | 23 4 | 16 47 | 5 25 | 2 49 |
| S 31 | 13s59 | 20s 9 | 2n 9 | 9s49 | 1n27 | 2n30 | 1n11 | 2n 5 | 1n18 | 22s16 | 0n25 | 8n56 | 2s46 | 23s11 | 0s22 | 17n15 | 0s13 | 17n36 | 5s30 | 23n 9 | 23n 4 | 16n50 | 5n24 | 2n49 |

Julian Day Number = 2601567.5, Delta T = 09m09s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°28'58, Lahiri = 29°35'59


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## NOVEMBER 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 41 12 | 8♏30'41 | 27♐38 | 0♏55 | 27♍37 | 28♍23 | 16♐27 | 0°R 8 | 12♑22 | 10♒54 | 8°R59 | 7°R52 | 9♋11 | 29♉47 | 7°R 4 | M 1 |
| T 2 | 2 45 9 | 9°30'30 | 12♑ 1 | 2°36 | 28°47 | 29° 0 | 16°39 | 0♉ 4 | 12°24 | 10°54 | 8♋59 | 7°D52 | 9° 7 | 29°53 | 7♈ 1 | T 2 |
| W 3 | 2 49 6 | 10°30'21 | 26° 0 | 4°17 | 29°57 | 29°37 | 16°51 | 29♈59 | 12°26 | 10°55 | 8°58 | 7♋53 | 9° 4 | 29°59 | 6°59 | W 3 |
| T 4 | 2 53 2 | 11°30'14 | 9♒36 | 5°58 | 1♎ 8 | 0♎14 | 17° 3 | 29°54 | 12°28 | 10°55 | 8°57 | 7°R53 | 9° 1 | 0♊ 7 | 6°57 | T 4 |
| F 5 | 2 56 59 | 12°30'08 | 22°49 | 7°38 | 2°19 | 0°51 | 17°15 | 29°50 | 12°31 | 10°55 | 8°57 | 7°53 | 8°58 | 0°13 | 6°55 | F 5 |
| S 6 | 3 0 55 | 13°30'04 | 5♓44 | 9°18 | 3°30 | 1°28 | 17°27 | 29°45 | 12°33 | 10°56 | 8°56 | 7°50 | 8°55 | 0°20 | 6°53 | S 6 |
| S 7 | 3 4 52 | 14°30'01 | 18°22 | 10°58 | 4°41 | 2° 5 | 17°40 | 29°41 | 12°35 | 10°56 | 8°56 | 7°46 | 8°52 | 0°27 | 6°51 | S 7 |
| M 8 | 3 8 48 | 15°30'00 | 0♈48 | 12°37 | 5°52 | 2°41 | 17°52 | 29°36 | 12°37 | 10°56 | 8°55 | 7°38 | 8°48 | 0°33 | 6°48 | M 8 |
| T 9 | 3 12 45 | 16°30'01 | 13° 3 | 14°16 | 7° 3 | 3°18 | 18° 4 | 29°32 | 12°40 | 10°56 | 8°54 | 7°30 | 8°45 | 0°40 | 6°46 | T 9 |
| W10 | 3 16 41 | 17°30'03 | 25°10 | 15°54 | 8°14 | 3°55 | 18°17 | 29°27 | 12°42 | 10°56 | 8°54 | 7°20 | 8°42 | 0°47 | 6°45 | W10 |
| T 11 | 3 20 38 | 18°30'07 | 7♉10 | 17°32 | 9°26 | 4°32 | 18°29 | 29°23 | 12°44 | 10°56 | 8°53 | 7°10 | 8°39 | 0°53 | 6°43 | T 11 |
| F 12 | 3 24 35 | 19°30'13 | 19° 4 | 19° 9 | 10°37 | 5° 8 | 18°42 | 29°19 | 12°47 | 10°56 | 8°52 | 7° 1 | 8°36 | 1° 0 | 6°41 | F 12 |
| S 13 | 3 28 31 | 20°30'21 | 0♊55 | 20°46 | 11°49 | 5°45 | 18°55 | 29°14 | 12°49 | 10°R57 | 8°52 | 6°54 | 8°32 | 1° 7 | 6°39 | S 13 |
| S 14 | 3 32 28 | 21°30'30 | 12°44 | 22°23 | 13° 0 | 6°22 | 19° 7 | 29°10 | 12°52 | 10°57 | 8°51 | 6°49 | 8°29 | 1°13 | 6°37 | S 14 |
| M15 | 3 36 24 | 22°30'42 | 24°32 | 23°59 | 14°12 | 6°58 | 19°20 | 29° 6 | 12°55 | 10°56 | 8°50 | 6°46 | 8°26 | 1°20 | 6°35 | M15 |
| T 16 | 3 40 21 | 23°30'55 | 6♋24 | 25°35 | 15°24 | 7°35 | 19°33 | 29° 2 | 12°57 | 10°56 | 8°49 | 6°D45 | 8°23 | 1°27 | 6°34 | T 16 |
| W17 | 3 44 17 | 24°31'11 | 18°22 | 27°11 | 16°36 | 8°11 | 19°46 | 28°58 | 13° 0 | 10°56 | 8°48 | 6°45 | 8°20 | 1°33 | 6°32 | W17 |
| T 18 | 3 48 14 | 25°31'28 | 0♌29 | 28°46 | 17°48 | 8°48 | 19°59 | 28°54 | 13° 2 | 10°56 | 8°48 | 6°47 | 8°17 | 1°40 | 6°30 | T 18 |
| F 19 | 3 52 10 | 26°31'47 | 12°52 | 0♐21 | 19° 1 | 9°24 | 20°12 | 28°50 | 13° 5 | 10°56 | 8°47 | 6°48 | 8°13 | 1°47 | 6°29 | F 19 |
| S 20 | 3 56 7 | 27°32'08 | 25°34 | 1°55 | 20°13 | 10° 1 | 20°25 | 28°46 | 13° 8 | 10°56 | 8°46 | 6°R49 | 8°10 | 1°53 | 6°27 | S 20 |
| S 21 | 4 0 4 | 28°32'31 | 8♍39 | 3°29 | 21°25 | 10°37 | 20°38 | 28°42 | 13°11 | 10°56 | 8°45 | 6°49 | 8° 7 | 2° 0 | 6°26 | S 21 |
| M22 | 4 4 0 | 29°32'56 | 22°11 | 5° 3 | 22°38 | 11°14 | 20°51 | 28°38 | 13°14 | 10°55 | 8°44 | 6°47 | 8° 4 | 2° 7 | 6°24 | M22 |
| T 23 | 4 7 57 | 0♐33'23 | 6♎12 | 6°37 | 23°51 | 11°50 | 21° 4 | 28°35 | 13°16 | 10°55 | 8°43 | 6°43 | 8° 1 | 2°13 | 6°23 | T 23 |
| W24 | 4 11 53 | 1°33'51 | 20°41 | 8°11 | 25° 3 | 12°27 | 21°17 | 28°31 | 13°19 | 10°55 | 8°42 | 6°38 | 7°57 | 2°20 | 6°22 | W24 |
| T 25 | 4 15 50 | 2°34'22 | 5♏34 | 9°44 | 26°16 | 13° 3 | 21°30 | 28°27 | 13°22 | 10°54 | 8°42 | 6°33 | 7°54 | 2°27 | 6°20 | T 25 |
| F 26 | 4 19 46 | 3°34'54 | 20°43 | 11°17 | 27°29 | 13°39 | 21°43 | 28°24 | 13°25 | 10°54 | 8°41 | 6°28 | 7°51 | 2°33 | 6°19 | F 26 |
| S 27 | 4 23 43 | 4°35'28 | 6♐ 0 | 12°50 | 28°42 | 14°16 | 21°57 | 28°21 | 13°28 | 10°53 | 8°40 | 6°24 | 7°48 | 2°40 | 6°18 | S 27 |
| S 28 | 4 27 39 | 5°36'03 | 21°13 | 14°22 | 29°55 | 14°52 | 22°10 | 28°17 | 13°31 | 10°53 | 8°39 | 6°22 | 7°45 | 2°47 | 6°17 | S 28 |
| M29 | 4 31 36 | 6°36'40 | 6♑12 | 15°55 | 1♏ 8 | 15°28 | 22°23 | 28°14 | 13°34 | 10°52 | 8°38 | 6°D21 | 7°42 | 2°53 | 6°16 | M29 |
| T 30 | 4 35 33 | 7♐37'18 | 20♑51 | 17♐27 | 2♏21 | 16♎ 4 | 22♐36 | 28♈11 | 13♑37 | 10♒52 | 8♋37 | 6♋21 | 7♋38 | 3♊ 0 | 6♈15 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s19 | 22s27 | 0n54 | 10s29 | 1n22 | 2n 5 | 1n14 | 1n50 | 1n18 | 22s17 | 0n25 | 8n54 | 2s46 | 23s11 | 0s22 | 17n15 | 0s13 | 17n36 | 5s30 | 23n 9 | 23n 4 | 16n52 | 5n23 | 2n48 |
| T 2 | 14 38 | 23 13 | 0s22 | 11 9 | 1 16 | 1 40 | 1 17 | 1 36 | 1 18 | 22 18 | 0 25 | 8 53 | 2 46 | 23 10 | 0 22 | 17 15 | 0 13 | 17 36 | 5 30 | 23 9 | 23 4 | 16 54 | 5 21 | 2 48 |
| W 3 | 14 56 | 22 28 | 1 36 | 11 49 | 1 10 | 1 14 | 1 20 | 1 21 | 1 18 | 22 20 | 0 25 | 8 51 | 2 46 | 23 10 | 0 22 | 17 15 | 0 13 | 17 36 | 5 30 | 23 9 | 23 5 | 16 56 | 5 20 | 2 48 |
| T 4 | 15 15 | 20 24 | 2 42 | 12 29 | 1 4 | 0 48 | 1 22 | 1 7 | 1 19 | 22 21 | 0 24 | 8 50 | 2 46 | 23 10 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 9 | 23 5 | 16 58 | 5 19 | 2 48 |
| F 5 | 15 33 | 17 18 | 3 37 | 13 7 | 0 58 | 0 23 | 1 25 | 0 52 | 1 19 | 22 22 | 0 24 | 8 48 | 2 45 | 23 10 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 9 | 23 5 | 17 0 | 5 18 | 2 48 |
| S 6 | 15 51 | 13 25 | 4 20 | 13 45 | 0 51 | 0s 3 | 1 27 | 0 37 | 1 19 | 22 24 | 0 24 | 8 47 | 2 45 | 23 10 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 9 | 23 5 | 17 2 | 5 17 | 2 48 |
| S 7 | 16 9 | 9 1 | 4 49 | 14 23 | 0 45 | 0 29 | 1 29 | 0 23 | 1 19 | 22 25 | 0 24 | 8 45 | 2 45 | 23 9 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 10 | 23 5 | 17 4 | 5 16 | 2 47 |
| M 8 | 16 27 | 4 20 | 5 4 | 14 59 | 0 38 | 0 55 | 1 32 | 0 8 | 1 19 | 22 26 | 0 24 | 8 44 | 2 45 | 23 9 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 10 | 23 6 | 17 6 | 5 15 | 2 47 |
| T 9 | 16 44 | 0n27 | 5 5 | 15 35 | 0 31 | 1 21 | 1 34 | 0s 6 | 1 19 | 22 27 | 0 24 | 8 42 | 2 45 | 23 9 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 10 | 23 6 | 17 8 | 5 14 | 2 47 |
| W10 | 17 1 | 5 11 | 4 52 | 16 10 | 0 25 | 1 47 | 1 36 | 0 21 | 1 19 | 22 29 | 0 24 | 8 41 | 2 45 | 23 9 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 11 | 23 6 | 17 10 | 5 13 | 2 47 |
| T 11 | 17 18 | 9 41 | 4 26 | 16 44 | 0 18 | 2 14 | 1 38 | 0 35 | 1 19 | 22 30 | 0 24 | 8 39 | 2 45 | 23 8 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 12 | 23 6 | 17 12 | 5 13 | 2 47 |
| F 12 | 17 34 | 13 47 | 3 49 | 17 18 | 0 11 | 2 40 | 1 40 | 0 50 | 1 19 | 22 31 | 0 23 | 8 38 | 2 45 | 23 8 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 12 | 23 6 | 17 14 | 5 12 | 2 46 |
| S 13 | 17 50 | 17 20 | 3 1 | 17 50 | 0 4 | 3 6 | 1 41 | 1 4 | 1 19 | 22 32 | 0 23 | 8 37 | 2 45 | 23 8 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 12 | 23 7 | 17 16 | 5 11 | 2 46 |
| S 14 | 18 6 | 20 11 | 2 6 | 18 22 | 0s 3 | 3 33 | 1 43 | 1 18 | 1 19 | 22 33 | 0 23 | 8 35 | 2 44 | 23 8 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 7 | 17 18 | 5 10 | 2 46 |
| M15 | 18 21 | 22 11 | 1 6 | 18 53 | 0 9 | 3 59 | 1 44 | 1 33 | 1 19 | 22 34 | 0 23 | 8 34 | 2 44 | 23 7 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 7 | 17 20 | 5 9 | 2 46 |
| T 16 | 18 37 | 23 12 | 0 2 | 19 22 | 0 16 | 4 25 | 1 46 | 1 47 | 1 19 | 22 36 | 0 23 | 8 33 | 2 44 | 23 7 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 7 | 17 22 | 5 8 | 2 46 |
| W17 | 18 51 | 23 10 | 1n 3 | 19 51 | 0 23 | 4 52 | 1 47 | 2 2 | 1 19 | 22 37 | 0 23 | 8 31 | 2 44 | 23 7 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 7 | 17 24 | 5 7 | 2 45 |
| T 18 | 19 6 | 22 3 | 2 6 | 20 19 | 0 29 | 5 18 | 1 48 | 2 16 | 1 19 | 22 38 | 0 23 | 8 30 | 2 44 | 23 7 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 8 | 17 26 | 5 6 | 2 45 |
| F 19 | 19 20 | 19 51 | 3 4 | 20 46 | 0 36 | 5 44 | 1 50 | 2 30 | 1 19 | 22 39 | 0 23 | 8 29 | 2 44 | 23 6 | 0 22 | 17 14 | 0 13 | 17 36 | 5 30 | 23 13 | 23 8 | 17 28 | 5 6 | 2 45 |
| S 20 | 19 34 | 16 39 | 3 55 | 21 11 | 0 42 | 6 11 | 1 51 | 2 44 | 1 19 | 22 40 | 0 23 | 8 28 | 2 44 | 23 6 | 0 22 | 17 14 | 0 13 | 17 36 | 5 31 | 23 13 | 23 8 | 17 30 | 5 5 | 2 45 |
| S 21 | 19 47 | 12 33 | 4 35 | 21 36 | 0 49 | 6 37 | 1 52 | 2 59 | 1 19 | 22 41 | 0 22 | 8 26 | 2 43 | 23 6 | 0 22 | 17 14 | 0 13 | 17 36 | 5 31 | 23 13 | 23 8 | 17 32 | 5 4 | 2 45 |
| M22 | 20 1 | 7 43 | 5 2 | 22 0 | 0 55 | 7 3 | 1 52 | 3 13 | 1 20 | 22 42 | 0 22 | 8 25 | 2 43 | 23 6 | 0 22 | 17 14 | 0 13 | 17 36 | 5 31 | 23 13 | 23 8 | 17 34 | 5 3 | 2 44 |
| T 23 | 20 13 | 2 19 | 5 12 | 22 22 | 1 1 | 7 29 | 1 53 | 3 27 | 1 20 | 22 43 | 0 22 | 8 24 | 2 43 | 23 5 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 13 | 23 9 | 17 36 | 5 3 | 2 44 |
| W24 | 20 26 | 3s23 | 5 2 | 22 43 | 1 7 | 7 55 | 1 54 | 3 41 | 1 20 | 22 44 | 0 22 | 8 23 | 2 43 | 23 5 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 13 | 23 9 | 17 38 | 5 2 | 2 44 |
| T 25 | 20 38 | 9 3 | 4 33 | 23 3 | 1 13 | 8 20 | 1 54 | 3 55 | 1 20 | 22 45 | 0 22 | 8 22 | 2 43 | 23 5 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 13 | 23 9 | 17 40 | 5 1 | 2 44 |
| F 26 | 20 49 | 14 17 | 3 44 | 23 23 | 1 18 | 8 46 | 1 55 | 4 9 | 1 20 | 22 46 | 0 22 | 8 21 | 2 42 | 23 4 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 14 | 23 9 | 17 42 | 5 0 | 2 44 |
| S 27 | 21 1 | 18 39 | 2 39 | 23 40 | 1 24 | 9 11 | 1 55 | 4 23 | 1 20 | 22 47 | 0 22 | 8 20 | 2 42 | 23 4 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 14 | 23 9 | 17 44 | 5 0 | 2 43 |
| S 28 | 21 11 | 21 44 | 1 22 | 23 57 | 1 29 | 9 37 | 1 56 | 4 37 | 1 20 | 22 48 | 0 22 | 8 19 | 2 42 | 23 4 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 14 | 23 10 | 17 46 | 4 59 | 2 43 |
| M29 | 21 22 | 23 14 | 0 1 | 24 13 | 1 34 | 10 2 | 1 56 | 4 51 | 1 20 | 22 48 | 0 22 | 8 18 | 2 42 | 23 3 | 0 22 | 17 15 | 0 13 | 17 36 | 5 31 | 23 14 | 23 10 | 17 48 | 4 59 | 2 43 |
| T 30 | 21s32 | 23s 4 | 1s19 | 24s27 | 1s39 | 10s27 | 1n56 | 5s 5 | 1n20 | 22s49 | 0n22 | 8n17 | 2s42 | 23s 3 | 0s22 | 17n15 | 0s13 | 17n36 | 5s31 | 23n14 | 23n10 | 17n50 | 4n58 | 2n43 |

Julian Day Number = 2601598.5, Delta T = 09m10s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'02, Lahiri = 29°36'04


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# ASTRODIENST EPHEMERIS for the year 2410
# geocentric

## DECEMBER 2410 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 39 29 | 8♐37'57 | 5♒ 4 | 18♐59 | 3♏34 | 16♎40 | 22♐50 | 28°R 8 | 13♑40 | 10°R51 | 8°R36 | 6♋23 | 7♋35 | 3♊ 7 | 6°R14 | W 1 |
| T 2 | 4 43 26 | 9°38'37 | 18°50 | 20°31 | 4°48 | 17°16 | 23° 3 | 28♈ 5 | 13°43 | 10♌51 | 8♋35 | 6°24 | 7°32 | 3°13 | 6♈13 | T 2 |
| F 3 | 4 47 22 | 10°39'19 | 2♓11 | 22° 3 | 6° 1 | 17°53 | 23°17 | 28° 2 | 13°47 | 10°50 | 8°34 | 6°26 | 7°29 | 3°20 | 6°12 | F 3 |
| S 4 | 4 51 19 | 11°40'01 | 15° 7 | 23°34 | 7°14 | 18°29 | 23°30 | 27°59 | 13°50 | 10°49 | 8°33 | 6°R26 | 7°26 | 3°27 | 6°11 | S 4 |
| S 5 | 4 55 15 | 12°40'44 | 27°43 | 25° 5 | 8°28 | 19° 5 | 23°43 | 27°57 | 13°53 | 10°49 | 8°31 | 6°25 | 7°23 | 3°33 | 6°11 | S 5 |
| M 6 | 4 59 12 | 13°41'28 | 10♈ 3 | 26°37 | 9°41 | 19°40 | 23°57 | 27°54 | 13°56 | 10°48 | 8°30 | 6°23 | 7°19 | 3°40 | 6°10 | M 6 |
| T 7 | 5 3 8 | 14°42'14 | 22°11 | 28° 7 | 10°55 | 20°16 | 24°10 | 27°51 | 13°59 | 10°47 | 8°29 | 6°20 | 7°16 | 3°47 | 6° 9 | T 7 |
| W 8 | 5 7 5 | 15°43'00 | 4♉10 | 29°38 | 12° 8 | 20°52 | 24°24 | 27°49 | 14° 3 | 10°46 | 8°28 | 6°16 | 7°13 | 3°53 | 6° 9 | W 8 |
| T 9 | 5 11 2 | 16°43'47 | 16° 2 | 1♉ 8 | 13°22 | 21°28 | 24°37 | 27°47 | 14° 6 | 10°45 | 8°27 | 6°13 | 7°10 | 4° 0 | 6° 8 | T 9 |
| F 10 | 5 14 58 | 17°44'36 | 27°52 | 2°38 | 14°36 | 22° 4 | 24°51 | 27°45 | 14° 9 | 10°45 | 8°26 | 6°10 | 7° 7 | 4° 7 | 6° 8 | F 10 |
| S 11 | 5 18 55 | 18°45'25 | 9♊42 | 4° 8 | 15°49 | 22°40 | 25° 5 | 27°42 | 14°13 | 10°44 | 8°25 | 6° 7 | 7° 3 | 4°13 | 6° 7 | S 11 |
| S 12 | 5 22 51 | 19°46'16 | 21°32 | 5°37 | 17° 3 | 23°15 | 25°18 | 27°40 | 14°16 | 10°43 | 8°24 | 6° 6 | 7° 0 | 4°20 | 6° 7 | S 12 |
| M13 | 5 26 48 | 20°47'07 | 3♋26 | 7° 5 | 18°17 | 23°51 | 25°32 | 27°38 | 14°19 | 10°42 | 8°23 | 6°D 5 | 6°57 | 4°27 | 6° 7 | M13 |
| T 14 | 5 30 44 | 21°48'00 | 15°25 | 8°33 | 19°31 | 24°27 | 25°45 | 27°37 | 14°23 | 10°41 | 8°22 | 6° 5 | 6°54 | 4°33 | 6° 7 | T 14 |
| W15 | 5 34 41 | 22°48'54 | 27°32 | 10° 0 | 20°45 | 25° 2 | 25°59 | 27°35 | 14°26 | 10°40 | 8°20 | 6° 6 | 6°51 | 4°40 | 6° 6 | W15 |
| T 16 | 5 38 37 | 23°49'49 | 9♌49 | 11°26 | 21°59 | 25°38 | 26°12 | 27°33 | 14°29 | 10°39 | 8°19 | 6° 7 | 6°48 | 4°47 | 6° 6 | T 16 |
| F 17 | 5 42 34 | 24°50'45 | 22°18 | 12°52 | 23°13 | 26°13 | 26°26 | 27°32 | 14°33 | 10°38 | 8°18 | 6° 9 | 6°44 | 4°53 | 6°D 6 | F 17 |
| S 18 | 5 46 31 | 25°51'42 | 5♍ 4 | 14°16 | 24°27 | 26°49 | 26°40 | 27°30 | 14°36 | 10°37 | 8°17 | 6°10 | 6°41 | 5° 0 | 6° 6 | S 18 |
| S 19 | 5 50 27 | 26°52'40 | 18° 8 | 15°38 | 25°41 | 27°24 | 26°53 | 27°29 | 14°40 | 10°36 | 8°16 | 6°10 | 6°38 | 5° 7 | 6° 6 | S 19 |
| M20 | 5 54 24 | 27°53'39 | 1♎33 | 16°59 | 26°55 | 28° 0 | 27° 7 | 27°28 | 14°43 | 10°35 | 8°15 | 6°R10 | 6°35 | 5°13 | 6° 6 | M20 |
| T 21 | 5 58 20 | 28°54'40 | 15°21 | 18°19 | 28°10 | 28°35 | 27°21 | 27°27 | 14°47 | 10°33 | 8°13 | 6°10 | 6°32 | 5°20 | 6° 7 | T 21 |
| W22 | 6 2 17 | 29°55'41 | 29°33 | 19°35 | 29°24 | 29°10 | 27°34 | 27°26 | 14°50 | 10°32 | 8°12 | 6° 9 | 6°29 | 5°27 | 6° 7 | W22 |
| T 23 | 6 6 13 | 0♑56'44 | 14♏ 7 | 20°49 | 0♐38 | 29°46 | 27°48 | 27°25 | 14°54 | 10°31 | 8°11 | 6° 9 | 6°25 | 5°33 | 6° 7 | T 23 |
| F 24 | 6 10 10 | 1°57'47 | 28°59 | 22° 0 | 1°53 | 0♏21 | 28° 1 | 27°24 | 14°57 | 10°30 | 8°10 | 6° 8 | 6°22 | 5°40 | 6° 8 | F 24 |
| S 25 | 6 14 7 | 2°58'52 | 14♐ 1 | 23° 8 | 3° 7 | 0°56 | 28°15 | 27°24 | 15° 1 | 10°29 | 8° 9 | 6° 8 | 6°19 | 5°47 | 6° 8 | S 25 |
| S 26 | 6 18 3 | 3°59'57 | 29° 6 | 24°11 | 4°21 | 1°31 | 28°29 | 27°23 | 15° 4 | 10°27 | 8° 7 | 6°D 8 | 6°16 | 5°53 | 6° 8 | S 26 |
| M27 | 6 22 0 | 5° 1'03 | 14♑ 5 | 25°10 | 5°36 | 2° 6 | 28°42 | 27°23 | 15° 8 | 10°26 | 8° 6 | 6° 8 | 6°13 | 6° 0 | 6° 9 | M27 |
| T 28 | 6 25 56 | 6° 2'09 | 28°49 | 26° 3 | 6°50 | 2°41 | 28°56 | 27°22 | 15°12 | 10°25 | 8° 5 | 6°R 8 | 6°10 | 6° 7 | 6°10 | T 28 |
| W29 | 6 29 53 | 7° 3'15 | 13♒11 | 26°49 | 8° 5 | 3°16 | 29° 9 | 27°22 | 15°15 | 10°23 | 8° 4 | 6° 8 | 6° 6 | 6°13 | 6°10 | W29 |
| T 30 | 6 33 49 | 8° 4'22 | 27° 8 | 27°29 | 9°19 | 3°51 | 29°23 | 27°D22 | 15°19 | 10°22 | 8° 3 | 6° 7 | 6° 3 | 6°20 | 6°11 | T 30 |
| F 31 | 6 37 46 | 9♑ 5'29 | 10♓39 | 28♑ 0 | 10♐34 | 4♏26 | 29♐37 | 27♈22 | 15♑22 | 10♌21 | 8♋ 1 | 6♋ 7 | 6♋ 0 | 6♊27 | 6♈12 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21s42 | 21s24 | 2s31 | 24s40 | 1s44 | 10s52 | 1n56 | 5s19 | 1n20 | 22s50 | 0n21 | 8n16 | 2s41 | 23s 3 | 0s22 | 17n16 | 0s13 | 17n36 | 5s31 | 23n14 | 23n10 | 17n52 | 4n57 | 2n43 |
| T 2 | 21 51 | 18 31 | 3 33 | 24 51 | 1 49 | 11 16 | 1 56 | 5 32 | 1 20 | 22 51 | 0 21 | 8 15 | 2 41 | 23 3 | 0 22 | 17 16 | 0 13 | 17 36 | 5 31 | 23 14 | 23 10 | 17 54 | 4 57 | 2 42 |
| F 3 | 22 0 | 14 44 | 4 20 | 25 2 | 1 53 | 11 41 | 1 56 | 5 46 | 1 20 | 22 52 | 0 21 | 8 15 | 2 41 | 23 2 | 0 22 | 17 16 | 0 13 | 17 36 | 5 31 | 23 14 | 23 10 | 17 56 | 4 56 | 2 42 |
| S 4 | 22 8 | 10 22 | 4 53 | 25 11 | 1 57 | 12 5 | 1 55 | 6 0 | 1 20 | 22 52 | 0 21 | 8 14 | 2 41 | 23 2 | 0 22 | 17 16 | 0 13 | 17 36 | 5 31 | 23 14 | 23 11 | 17 58 | 4 56 | 2 42 |
| S 5 | 22 16 | 5 40 | 5 11 | 25 19 | 2 1 | 12 28 | 1 55 | 6 13 | 1 20 | 22 53 | 0 21 | 8 13 | 2 41 | 23 2 | 0 22 | 17 16 | 0 13 | 17 37 | 5 31 | 23 14 | 23 11 | 18 0 | 4 55 | 2 42 |
| M 6 | 22 24 | 0 51 | 5 14 | 25 25 | 2 5 | 12 52 | 1 55 | 6 27 | 1 20 | 22 54 | 0 21 | 8 12 | 2 40 | 23 1 | 0 22 | 17 17 | 0 13 | 17 37 | 5 31 | 23 14 | 23 11 | 18 2 | 4 55 | 2 41 |
| T 7 | 22 31 | 3n56 | 5 3 | 25 30 | 2 8 | 13 15 | 1 54 | 6 40 | 1 20 | 22 55 | 0 21 | 8 12 | 2 40 | 23 1 | 0 22 | 17 17 | 0 13 | 17 37 | 5 31 | 23 14 | 23 11 | 18 4 | 4 54 | 2 41 |
| W 8 | 22 37 | 8 30 | 4 39 | 25 34 | 2 11 | 13 38 | 1 54 | 6 54 | 1 20 | 22 55 | 0 21 | 8 11 | 2 40 | 23 1 | 0 22 | 17 17 | 0 13 | 17 37 | 5 31 | 23 14 | 23 11 | 18 6 | 4 54 | 2 41 |
| T 9 | 22 44 | 12 44 | 4 2 | 25 36 | 2 13 | 14 1 | 1 53 | 7 7 | 1 20 | 22 56 | 0 21 | 8 10 | 2 40 | 23 0 | 0 22 | 17 17 | 0 13 | 17 37 | 5 31 | 23 14 | 23 12 | 18 8 | 4 54 | 2 41 |
| F 10 | 22 49 | 16 28 | 3 16 | 25 37 | 2 15 | 14 24 | 1 52 | 7 21 | 1 20 | 22 57 | 0 21 | 8 10 | 2 39 | 23 0 | 0 22 | 17 17 | 0 13 | 17 37 | 5 31 | 23 15 | 23 12 | 18 10 | 4 53 | 2 41 |
| S 11 | 22 55 | 19 32 | 2 21 | 25 37 | 2 17 | 14 46 | 1 51 | 7 34 | 1 20 | 22 57 | 0 20 | 8 9 | 2 39 | 22 59 | 0 22 | 17 18 | 0 13 | 17 37 | 5 31 | 23 15 | 23 12 | 18 12 | 4 53 | 2 40 |
| S 12 | 23 0 | 21 47 | 1 20 | 25 35 | 2 19 | 15 7 | 1 50 | 7 47 | 1 20 | 22 58 | 0 20 | 8 9 | 2 39 | 22 59 | 0 22 | 17 18 | 0 13 | 17 37 | 5 31 | 23 15 | 23 12 | 18 14 | 4 52 | 2 40 |
| M13 | 23 4 | 23 6 | 0 15 | 25 31 | 2 20 | 15 29 | 1 50 | 8 0 | 1 19 | 22 58 | 0 20 | 8 8 | 2 39 | 22 59 | 0 22 | 17 18 | 0 13 | 17 37 | 5 31 | 23 15 | 23 12 | 18 16 | 4 52 | 2 40 |
| T 14 | 23 8 | 23 21 | 0n52 | 25 27 | 2 20 | 15 50 | 1 48 | 8 13 | 1 19 | 22 59 | 0 20 | 8 8 | 2 38 | 22 58 | 0 22 | 17 18 | 0 13 | 17 37 | 5 31 | 23 15 | 23 12 | 18 17 | 4 52 | 2 40 |
| W15 | 23 11 | 22 30 | 1 56 | 25 21 | 2 20 | 16 10 | 1 47 | 8 26 | 1 19 | 22 59 | 0 20 | 8 8 | 2 38 | 22 58 | 0 22 | 17 19 | 0 13 | 17 37 | 5 31 | 23 15 | 23 13 | 18 19 | 4 52 | 2 39 |
| T 16 | 23 15 | 20 35 | 2 56 | 25 13 | 2 20 | 16 31 | 1 46 | 8 39 | 1 19 | 23 0 | 0 20 | 8 7 | 2 38 | 22 58 | 0 22 | 17 19 | 0 13 | 17 37 | 5 31 | 23 15 | 23 13 | 18 21 | 4 51 | 2 39 |
| F 17 | 23 17 | 17 39 | 3 49 | 25 4 | 2 19 | 16 51 | 1 45 | 8 52 | 1 19 | 23 0 | 0 20 | 8 7 | 2 38 | 22 57 | 0 22 | 17 19 | 0 13 | 17 37 | 5 31 | 23 15 | 23 13 | 18 23 | 4 51 | 2 39 |
| S 18 | 23 19 | 13 51 | 4 32 | 24 54 | 2 17 | 17 10 | 1 44 | 9 5 | 1 19 | 23 1 | 0 20 | 8 7 | 2 37 | 22 57 | 0 22 | 17 20 | 0 13 | 17 38 | 5 31 | 23 15 | 23 13 | 18 25 | 4 51 | 2 39 |
| S 19 | 23 21 | 9 19 | 5 2 | 24 42 | 2 15 | 17 29 | 1 42 | 9 18 | 1 19 | 23 1 | 0 20 | 8 7 | 2 37 | 22 57 | 0 22 | 17 20 | 0 13 | 17 38 | 5 31 | 23 15 | 23 13 | 18 27 | 4 51 | 2 39 |
| M20 | 23 22 | 4 14 | 5 17 | 24 30 | 2 12 | 17 48 | 1 41 | 9 30 | 1 19 | 23 2 | 0 20 | 8 6 | 2 37 | 22 56 | 0 22 | 17 20 | 0 13 | 17 38 | 5 31 | 23 15 | 23 13 | 18 29 | 4 51 | 2 38 |
| T 21 | 23 23 | 1s12 | 5 14 | 24 15 | 2 8 | 18 6 | 1 39 | 9 43 | 1 19 | 23 2 | 0 20 | 8 6 | 2 36 | 22 56 | 0 22 | 17 21 | 0 13 | 17 38 | 5 31 | 23 15 | 23 13 | 18 31 | 4 50 | 2 38 |
| W22 | 23 23 | 6 44 | 4 52 | 24 0 | 2 4 | 18 23 | 1 37 | 9 55 | 1 19 | 23 2 | 0 19 | 8 6 | 2 36 | 22 55 | 0 22 | 17 21 | 0 13 | 17 38 | 5 31 | 23 15 | 23 14 | 18 33 | 4 50 | 2 38 |
| T 23 | 23 23 | 12 3 | 4 11 | 23 44 | 1 59 | 18 41 | 1 36 | 10 8 | 1 19 | 23 3 | 0 19 | 8 6 | 2 36 | 22 55 | 0 22 | 17 21 | 0 13 | 17 38 | 5 31 | 23 15 | 23 14 | 18 35 | 4 50 | 2 38 |
| F 24 | 23 22 | 16 45 | 3 12 | 23 27 | 1 53 | 18 57 | 1 34 | 10 20 | 1 19 | 23 3 | 0 19 | 8 6 | 2 36 | 22 55 | 0 22 | 17 22 | 0 13 | 17 38 | 5 31 | 23 15 | 23 14 | 18 37 | 4 50 | 2 37 |
| S 25 | 23 21 | 20 27 | 2 0 | 23 9 | 1 46 | 19 13 | 1 32 | 10 32 | 1 19 | 23 3 | 0 19 | 8 6 | 2 35 | 22 54 | 0 22 | 17 22 | 0 13 | 17 38 | 5 30 | 23 15 | 23 14 | 18 38 | 4 50 | 2 37 |
| S 26 | 23 20 | 22 44 | 0 39 | 22 50 | 1 37 | 19 29 | 1 30 | 10 45 | 1 19 | 23 3 | 0 19 | 8 6 | 2 35 | 22 54 | 0 22 | 17 22 | 0 13 | 17 38 | 5 30 | 23 15 | 23 14 | 18 40 | 4 50 | 2 37 |
| M27 | 23 17 | 23 22 | 0s44 | 22 30 | 1 28 | 19 44 | 1 29 | 10 57 | 1 19 | 23 4 | 0 19 | 8 6 | 2 35 | 22 53 | 0 22 | 17 23 | 0 13 | 17 38 | 5 30 | 23 15 | 23 14 | 18 42 | 4 50 | 2 37 |
| T 28 | 23 15 | 22 21 | 2 3 | 22 10 | 1 18 | 19 59 | 1 27 | 11 9 | 1 18 | 23 4 | 0 19 | 8 7 | 2 35 | 22 53 | 0 22 | 17 23 | 0 13 | 17 39 | 5 30 | 23 15 | 23 15 | 18 44 | 4 50 | 2 36 |
| W29 | 23 12 | 19 53 | 3 12 | 21 50 | 1 7 | 20 13 | 1 25 | 11 21 | 1 18 | 23 4 | 0 19 | 8 7 | 2 34 | 22 53 | 0 22 | 17 23 | 0 13 | 17 39 | 5 30 | 23 15 | 23 15 | 18 46 | 4 50 | 2 36 |
| T 30 | 23 8 | 16 18 | 4 7 | 21 30 | 0 54 | 20 26 | 1 23 | 11 33 | 1 18 | 23 4 | 0 19 | 8 7 | 2 34 | 22 52 | 0 22 | 17 24 | 0 13 | 17 39 | 5 30 | 23 15 | 23 15 | 18 48 | 4 50 | 2 36 |
| F 31 | 23s 4 | 11s59 | 4s47 | 21s11 | 0s41 | 20s39 | 1n20 | 11s44 | 1n18 | 23s 4 | 0n19 | 8n 7 | 2s34 | 22s52 | 0s22 | 17n24 | 0s13 | 17n39 | 5s30 | 23n15 | 23n15 | 18n50 | 4n50 | 2n36 |

Julian Day Number = 2601628.5, Delta T = 09m10s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'06, Lahiri = 29°36'08


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## JANUARY 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 41 42 | 10♑ 6'36 | 23♓43 | 28♑23 | 11♐48 | 5♏ 0 | 29♐50 | 27♈22 | 15♑26 | 10°R19 | 8°R 0 | 6°R 7 | 5♋57 | 6♊33 | 6♈13 | S 1 |
| S 2 | 6 45 39 | 11° 7'43 | 6♈24 | 28°35 | 13° 3 | 5°35 | 0♑ 4 | 27°23 | 15°29 | 10♘18 | 7♋59 | 6°D 7 | 5°54 | 6°40 | 6°13 | S 2 |
| M 3 | 6 49 36 | 12° 8'51 | 18°45 | 28°R37 | 14°17 | 6°10 | 0°17 | 27°23 | 15°33 | 10°16 | 7°58 | 6♋ 7 | 5°50 | 6°47 | 6°14 | M 3 |
| T 4 | 6 53 32 | 13° 9'58 | 0♉51 | 28°28 | 15°32 | 6°44 | 0°31 | 27°23 | 15°37 | 10°15 | 7°57 | 6° 7 | 5°47 | 6°53 | 6°15 | T 4 |
| W 5 | 6 57 29 | 14°11'05 | 12°47 | 28° 7 | 16°46 | 7°19 | 0°44 | 27°24 | 15°40 | 10°13 | 7°55 | 6° 8 | 5°44 | 7° 0 | 6°16 | W 5 |
| T 6 | 7 1 25 | 15°12'12 | 24°37 | 27°34 | 18° 1 | 7°53 | 0°58 | 27°25 | 15°44 | 10°12 | 7°54 | 6° 9 | 5°41 | 7° 7 | 6°18 | T 6 |
| F 7 | 7 5 22 | 16°13'19 | 6♊25 | 26°49 | 19°16 | 8°28 | 1°11 | 27°25 | 15°47 | 10°10 | 7°53 | 6°10 | 5°38 | 7°13 | 6°19 | F 7 |
| S 8 | 7 9 18 | 17°14'27 | 18°15 | 25°54 | 20°30 | 9° 2 | 1°24 | 27°26 | 15°51 | 10° 9 | 7°52 | 6°11 | 5°35 | 7°20 | 6°20 | S 8 |
| S 9 | 7 13 15 | 18°15'34 | 0♋10 | 24°49 | 21°45 | 9°36 | 1°38 | 27°27 | 15°55 | 10° 7 | 7°51 | 6°R11 | 5°31 | 7°27 | 6°21 | S 9 |
| M10 | 7 17 11 | 19°16'41 | 12°12 | 23°37 | 23° 0 | 10°10 | 1°51 | 27°28 | 15°58 | 10° 6 | 7°49 | 6°11 | 5°28 | 7°33 | 6°23 | M10 |
| T 11 | 7 21 8 | 20°17'48 | 24°23 | 22°19 | 24°15 | 10°45 | 2° 4 | 27°30 | 16° 2 | 10° 4 | 7°48 | 6°11 | 5°25 | 7°40 | 6°24 | T 11 |
| W12 | 7 25 5 | 21°18'55 | 6♌45 | 20°58 | 25°29 | 11°19 | 2°18 | 27°31 | 16° 5 | 10° 3 | 7°47 | 6° 9 | 5°22 | 7°47 | 6°25 | W12 |
| T 13 | 7 29 1 | 22°20'02 | 19°19 | 19°37 | 26°44 | 11°53 | 2°31 | 27°33 | 16° 9 | 10° 1 | 7°46 | 6° 7 | 5°19 | 7°53 | 6°27 | T 13 |
| F 14 | 7 32 58 | 23°21'10 | 2♍ 6 | 18°19 | 27°59 | 12°27 | 2°44 | 27°34 | 16°13 | 10° 0 | 7°45 | 6° 4 | 5°15 | 8° 0 | 6°28 | F 14 |
| S 15 | 7 36 54 | 24°22'17 | 15° 6 | 17° 5 | 29°14 | 13° 0 | 2°57 | 27°36 | 16°16 | 9°58 | 7°44 | 6° 2 | 5°12 | 8° 7 | 6°30 | S 15 |
| S 16 | 7 40 51 | 25°23'24 | 28°20 | 15°58 | 0♑28 | 13°34 | 3°11 | 27°38 | 16°20 | 9°56 | 7°42 | 5°59 | 5° 9 | 8°13 | 6°32 | S 16 |
| M17 | 7 44 47 | 26°24'31 | 11♎48 | 14°59 | 1°43 | 14° 8 | 3°24 | 27°39 | 16°23 | 9°55 | 7°41 | 5°58 | 5° 6 | 8°20 | 6°33 | M17 |
| T 18 | 7 48 44 | 27°25'38 | 25°32 | 14° 9 | 2°58 | 14°42 | 3°37 | 27°41 | 16°27 | 9°53 | 7°40 | 5°D57 | 5° 3 | 8°27 | 6°35 | T 18 |
| W19 | 7 52 40 | 28°26'46 | 9♏32 | 13°28 | 4°13 | 15°15 | 3°50 | 27°44 | 16°30 | 9°51 | 7°39 | 5°57 | 5° 0 | 8°33 | 6°37 | W19 |
| T 20 | 7 56 37 | 29°27'53 | 23°46 | 12°58 | 5°28 | 15°49 | 4° 3 | 27°46 | 16°34 | 9°50 | 7°38 | 5°58 | 4°56 | 8°40 | 6°39 | T 20 |
| F 21 | 8 0 34 | 0♒29'01 | 8♐13 | 12°37 | 6°43 | 16°22 | 4°16 | 27°48 | 16°37 | 9°48 | 7°37 | 6° 0 | 4°53 | 8°47 | 6°41 | F 21 |
| S 22 | 8 4 30 | 1°30'08 | 22°49 | 12°26 | 7°58 | 16°55 | 4°29 | 27°50 | 16°41 | 9°46 | 7°36 | 6° 1 | 4°50 | 8°53 | 6°43 | S 22 |
| S 23 | 8 8 27 | 2°31'15 | 7♑30 | 12°D23 | 9°13 | 17°29 | 4°42 | 27°53 | 16°44 | 9°45 | 7°35 | 6°R 2 | 4°47 | 9° 0 | 6°45 | S 23 |
| M24 | 8 12 23 | 3°32'22 | 22°10 | 12°29 | 10°27 | 18° 2 | 4°54 | 27°56 | 16°48 | 9°43 | 7°34 | 6° 1 | 4°44 | 9° 7 | 6°47 | M24 |
| T 25 | 8 16 20 | 4°33'28 | 6♒42 | 12°43 | 11°42 | 18°35 | 5° 7 | 27°58 | 16°51 | 9°41 | 7°33 | 5°58 | 4°41 | 9°13 | 6°49 | T 25 |
| W26 | 8 20 16 | 5°34'34 | 20°58 | 13° 3 | 12°57 | 19° 8 | 5°20 | 28° 1 | 16°55 | 9°40 | 7°32 | 5°55 | 4°37 | 9°20 | 6°51 | W26 |
| T 27 | 8 24 13 | 6°35'39 | 4♓56 | 13°30 | 14°12 | 19°41 | 5°33 | 28° 4 | 16°58 | 9°38 | 7°30 | 5°50 | 4°34 | 9°27 | 6°53 | T 27 |
| F 28 | 8 28 9 | 7°36'43 | 18°30 | 14° 3 | 15°27 | 20°13 | 5°45 | 28° 7 | 17° 2 | 9°36 | 7°29 | 5°44 | 4°31 | 9°33 | 6°55 | F 28 |
| S 29 | 8 32 6 | 8°37'46 | 1♈39 | 14°41 | 16°42 | 20°46 | 5°58 | 28°10 | 17° 5 | 9°35 | 7°28 | 5°39 | 4°28 | 9°40 | 6°58 | S 29 |
| S 30 | 8 36 3 | 9°38'49 | 14°25 | 15°24 | 17°57 | 21°19 | 6°10 | 28°14 | 17° 9 | 9°33 | 7°27 | 5°35 | 4°25 | 9°47 | 7° 0 | S 30 |
| M31 | 8 39 59 | 10♒39'50 | 26♈51 | 16♑12 | 19♑12 | 21♏51 | 6♑23 | 28♈17 | 17♑12 | 9♘31 | 7♋26 | 5♋33 | 4♋21 | 9♊53 | 7♈ 2 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 0 | 7s15 | 5s10 | 20s51 | 0s26 | 20s52 | 1n18 | 11s56 | 1n18 | 23s 4 | 0n19 | 8n 8 | 2s33 | 22s51 | 0s22 | 17n24 | 0s13 | 17n39 | 5s30 | 23n15 | 23n15 | 18n52 | 4n51 | 2n36 |
| S 2 | 22 55 | 2 20 | 5 18 | 20 33 | 0 9 | 21 3 | 1 16 | 12 8 | 1 18 | 23 5 | 0 19 | 8 8 | 2 33 | 22 51 | 0 22 | 17 25 | 0 13 | 17 39 | 5 30 | 23 15 | 23 15 | 18 54 | 4 51 | 2 35 |
| M 3 | 22 50 | 2n33 | 5 10 | 20 16 | 0n 8 | 21 14 | 1 14 | 12 19 | 1 18 | 23 5 | 0 19 | 8 8 | 2 33 | 22 51 | 0 22 | 17 25 | 0 13 | 17 39 | 5 30 | 23 15 | 23 15 | 18 55 | 4 51 | 2 35 |
| T 4 | 22 44 | 7 14 | 4 49 | 20 0 | 0 26 | 21 25 | 1 12 | 12 31 | 1 18 | 23 5 | 0 18 | 8 9 | 2 33 | 22 50 | 0 22 | 17 26 | 0 13 | 17 39 | 5 30 | 23 15 | 23 16 | 18 57 | 4 51 | 2 35 |
| W 5 | 22 38 | 11 35 | 4 15 | 19 46 | 0 45 | 21 35 | 1 9 | 12 42 | 1 18 | 23 5 | 0 18 | 8 9 | 2 32 | 22 50 | 0 22 | 17 26 | 0 13 | 17 40 | 5 30 | 23 15 | 23 16 | 18 59 | 4 51 | 2 35 |
| T 6 | 22 31 | 15 28 | 3 31 | 19 33 | 1 4 | 21 44 | 1 7 | 12 53 | 1 17 | 23 5 | 0 18 | 8 10 | 2 32 | 22 49 | 0 22 | 17 26 | 0 13 | 17 40 | 5 30 | 23 15 | 23 16 | 19 1 | 4 52 | 2 34 |
| F 7 | 22 24 | 18 44 | 2 38 | 19 23 | 1 23 | 21 53 | 1 5 | 13 4 | 1 17 | 23 5 | 0 18 | 8 10 | 2 32 | 22 49 | 0 22 | 17 27 | 0 13 | 17 40 | 5 30 | 23 15 | 23 16 | 19 3 | 4 52 | 2 34 |
| S 8 | 22 17 | 21 15 | 1 38 | 19 14 | 1 43 | 22 1 | 1 2 | 13 15 | 1 17 | 23 5 | 0 18 | 8 11 | 2 31 | 22 49 | 0 22 | 17 27 | 0 13 | 17 40 | 5 30 | 23 14 | 23 16 | 19 5 | 4 52 | 2 34 |
| S 9 | 22 9 | 22 50 | 0 33 | 19 8 | 2 1 | 22 8 | 1 0 | 13 26 | 1 17 | 23 4 | 0 18 | 8 12 | 2 31 | 22 48 | 0 22 | 17 28 | 0 13 | 17 40 | 5 30 | 23 14 | 23 16 | 19 7 | 4 52 | 2 34 |
| M10 | 22 0 | 23 23 | 0n33 | 19 3 | 2 19 | 22 15 | 0 57 | 13 37 | 1 17 | 23 4 | 0 18 | 8 12 | 2 31 | 22 48 | 0 22 | 17 28 | 0 13 | 17 40 | 5 30 | 23 14 | 23 16 | 19 8 | 4 53 | 2 34 |
| T 11 | 21 51 | 22 49 | 1 39 | 19 0 | 2 34 | 22 21 | 0 55 | 13 48 | 1 17 | 23 4 | 0 18 | 8 13 | 2 31 | 22 47 | 0 22 | 17 29 | 0 13 | 17 40 | 5 29 | 23 15 | 23 16 | 19 10 | 4 53 | 2 33 |
| W12 | 21 42 | 21 9 | 2 41 | 18 59 | 2 48 | 22 26 | 0 52 | 13 59 | 1 17 | 23 4 | 0 18 | 8 14 | 2 30 | 22 47 | 0 22 | 17 29 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 12 | 4 53 | 2 33 |
| T 13 | 21 32 | 18 25 | 3 37 | 18 59 | 3 0 | 22 31 | 0 50 | 14 9 | 1 16 | 23 4 | 0 18 | 8 14 | 2 30 | 22 47 | 0 22 | 17 29 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 14 | 4 54 | 2 33 |
| F 14 | 21 22 | 14 47 | 4 22 | 19 1 | 3 9 | 22 35 | 0 47 | 14 20 | 1 16 | 23 4 | 0 18 | 8 15 | 2 30 | 22 46 | 0 22 | 17 30 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 16 | 4 54 | 2 33 |
| S 15 | 21 12 | 10 23 | 4 55 | 19 4 | 3 15 | 22 39 | 0 44 | 14 30 | 1 16 | 23 4 | 0 18 | 8 16 | 2 29 | 22 46 | 0 22 | 17 30 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 18 | 4 55 | 2 33 |
| S 16 | 21 1 | 5 27 | 5 13 | 19 8 | 3 19 | 22 41 | 0 42 | 14 40 | 1 16 | 23 3 | 0 18 | 8 17 | 2 29 | 22 45 | 0 22 | 17 31 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 19 | 4 55 | 2 32 |
| M17 | 20 49 | 0 10 | 5 14 | 19 13 | 3 21 | 22 43 | 0 39 | 14 50 | 1 16 | 23 3 | 0 17 | 8 18 | 2 29 | 22 45 | 0 22 | 17 31 | 0 13 | 17 41 | 5 29 | 23 15 | 23 17 | 19 21 | 4 56 | 2 32 |
| T 18 | 20 38 | 5s14 | 4 57 | 19 19 | 3 20 | 22 45 | 0 36 | 15 0 | 1 15 | 23 3 | 0 17 | 8 19 | 2 29 | 22 44 | 0 22 | 17 32 | 0 13 | 17 42 | 5 29 | 23 15 | 23 17 | 19 23 | 4 56 | 2 32 |
| W19 | 20 26 | 10 28 | 4 23 | 19 26 | 3 17 | 22 45 | 0 34 | 15 10 | 1 15 | 23 2 | 0 17 | 8 20 | 2 28 | 22 44 | 0 22 | 17 32 | 0 13 | 17 42 | 5 29 | 23 15 | 23 17 | 19 25 | 4 57 | 2 32 |
| T 20 | 20 13 | 15 15 | 3 32 | 19 33 | 3 13 | 22 45 | 0 31 | 15 20 | 1 15 | 23 2 | 0 17 | 8 21 | 2 28 | 22 44 | 0 22 | 17 32 | 0 13 | 17 42 | 5 29 | 23 15 | 23 18 | 19 27 | 4 57 | 2 32 |
| F 21 | 20 0 | 19 12 | 2 27 | 19 41 | 3 8 | 22 45 | 0 28 | 15 30 | 1 15 | 23 2 | 0 17 | 8 22 | 2 28 | 22 43 | 0 22 | 17 33 | 0 13 | 17 42 | 5 29 | 23 15 | 23 18 | 19 28 | 4 58 | 2 31 |
| S 22 | 19 47 | 21 59 | 1 12 | 19 48 | 3 1 | 22 43 | 0 26 | 15 40 | 1 14 | 23 1 | 0 17 | 8 23 | 2 27 | 22 43 | 0 22 | 17 33 | 0 13 | 17 42 | 5 28 | 23 15 | 23 18 | 19 30 | 4 58 | 2 31 |
| S 23 | 19 33 | 23 19 | 0s 8 | 19 57 | 2 53 | 22 41 | 0 23 | 15 49 | 1 14 | 23 1 | 0 17 | 8 24 | 2 27 | 22 42 | 0 22 | 17 34 | 0 13 | 17 42 | 5 28 | 23 15 | 23 18 | 19 32 | 4 59 | 2 31 |
| M24 | 19 19 | 23 0 | 1 28 | 20 5 | 2 44 | 22 38 | 0 20 | 15 59 | 1 14 | 23 1 | 0 17 | 8 26 | 2 27 | 22 42 | 0 22 | 17 34 | 0 13 | 17 43 | 5 28 | 23 15 | 23 18 | 19 34 | 5 0 | 2 31 |
| T 25 | 19 5 | 21 9 | 2 40 | 20 13 | 2 35 | 22 35 | 0 18 | 16 8 | 1 14 | 23 0 | 0 17 | 8 27 | 2 27 | 22 41 | 0 22 | 17 35 | 0 13 | 17 43 | 5 28 | 23 15 | 23 18 | 19 36 | 5 0 | 2 31 |
| W26 | 18 50 | 17 59 | 3 42 | 20 20 | 2 25 | 22 30 | 0 15 | 16 17 | 1 13 | 23 0 | 0 17 | 8 28 | 2 26 | 22 41 | 0 22 | 17 35 | 0 13 | 17 43 | 5 28 | 23 15 | 23 18 | 19 37 | 5 1 | 2 30 |
| T 27 | 18 35 | 13 51 | 4 29 | 20 28 | 2 15 | 22 26 | 0 12 | 16 26 | 1 13 | 22 59 | 0 17 | 8 29 | 2 26 | 22 41 | 0 22 | 17 36 | 0 13 | 17 43 | 5 28 | 23 15 | 23 18 | 19 39 | 5 2 | 2 30 |
| F 28 | 18 20 | 9 7 | 4 59 | 20 34 | 2 5 | 22 20 | 0 10 | 16 35 | 1 13 | 22 59 | 0 17 | 8 31 | 2 26 | 22 40 | 0 22 | 17 36 | 0 13 | 17 43 | 5 28 | 23 16 | 23 19 | 19 41 | 5 2 | 2 30 |
| S 29 | 18 4 | 4 7 | 5 12 | 20 41 | 1 55 | 22 14 | 0 7 | 16 44 | 1 13 | 22 58 | 0 17 | 8 32 | 2 26 | 22 40 | 0 22 | 17 37 | 0 13 | 17 43 | 5 28 | 23 16 | 23 19 | 19 43 | 5 3 | 2 30 |
| S 30 | 17 48 | 0n55 | 5 9 | 20 46 | 1 44 | 22 7 | 0 4 | 16 53 | 1 12 | 22 58 | 0 17 | 8 33 | 2 25 | 22 39 | 0 22 | 17 37 | 0 13 | 17 44 | 5 28 | 23 16 | 23 19 | 19 44 | 5 4 | 2 30 |
| M31 | 17s31 | 5n47 | 4s51 | 20s51 | 1n34 | 21s59 | 0n 2 | 17s 2 | 1n12 | 22s57 | 0n17 | 8n35 | 2s25 | 22s39 | 0s22 | 17n38 | 0s13 | 17n44 | 5s27 | 23n16 | 23n19 | 19n46 | 5n 5 | 2n29 |

Julian Day Number = 2601659.5, Delta T = 09m10s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'11, Lahiri = 29°36'12


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## FEBRUARY 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 43 56 | 11♒40'50 | 8♉59 | 17♑ 3 | 20♑27 | 22♏23 | 6♑35 | 28♈20 | 17♑15 | 9°R29 | 7°R25 | 5°D32 | 4♋18 | 10♊ 0 | 7♈ 5 | T 1 |
| W 2 | 8 47 52 | 12°41'50 | 20°56 | 17°58 | 21°42 | 22°56 | 6°48 | 28°24 | 17°19 | 9♌28 | 7♋24 | 5♋32 | 4°15 | 10° 7 | 7° 7 | W 2 |
| T 3 | 8 51 49 | 13°42'48 | 2♊45 | 18°56 | 22°57 | 23°28 | 7° 0 | 28°27 | 17°22 | 9°26 | 7°24 | 5°33 | 4°12 | 10°13 | 7°10 | T 3 |
| F 4 | 8 55 45 | 14°43'45 | 14°33 | 19°57 | 24°12 | 24° 0 | 7°12 | 28°31 | 17°25 | 9°24 | 7°23 | 5°35 | 4° 9 | 10°20 | 7°12 | F 4 |
| S 5 | 8 59 42 | 15°44'42 | 26°25 | 21° 0 | 25°27 | 24°32 | 7°24 | 28°35 | 17°29 | 9°23 | 7°22 | 5°37 | 4° 6 | 10°27 | 7°15 | S 5 |
| S 6 | 9 3 38 | 16°45'37 | 8♋23 | 22° 6 | 26°42 | 25° 4 | 7°36 | 28°39 | 17°32 | 9°21 | 7°21 | 5°R37 | 4° 2 | 10°33 | 7°17 | S 6 |
| M 7 | 9 7 35 | 17°46'31 | 20°33 | 23°15 | 27°57 | 25°35 | 7°48 | 28°43 | 17°35 | 9°19 | 7°20 | 5°36 | 3°59 | 10°40 | 7°20 | M 7 |
| T 8 | 9 11 32 | 18°47'23 | 2♌57 | 24°25 | 29°11 | 26° 7 | 8° 0 | 28°47 | 17°38 | 9°18 | 7°19 | 5°32 | 3°56 | 10°47 | 7°23 | T 8 |
| W 9 | 9 15 28 | 19°48'15 | 15°36 | 25°37 | 0♒26 | 26°39 | 8°12 | 28°51 | 17°42 | 9°16 | 7°18 | 5°27 | 3°53 | 10°53 | 7°26 | W 9 |
| T 10 | 9 19 25 | 20°49'06 | 28°31 | 26°51 | 1°41 | 27°10 | 8°24 | 28°55 | 17°45 | 9°14 | 7°17 | 5°20 | 3°50 | 11° 0 | 7°28 | T 10 |
| F 11 | 9 23 21 | 21°49'55 | 11♍41 | 28° 7 | 2°56 | 27°41 | 8°36 | 29° 0 | 17°48 | 9°13 | 7°17 | 5°11 | 3°47 | 11° 6 | 7°31 | F 11 |
| S 12 | 9 27 18 | 22°50'43 | 25° 5 | 29°24 | 4°11 | 28°12 | 8°47 | 29° 4 | 17°51 | 9°11 | 7°16 | 5° 3 | 3°43 | 11°13 | 7°34 | S 12 |
| S 13 | 9 31 14 | 23°51'31 | 8♎41 | 0♒42 | 5°26 | 28°43 | 8°59 | 29° 9 | 17°54 | 9° 9 | 7°15 | 4°55 | 3°40 | 11°20 | 7°37 | S 13 |
| M14 | 9 35 11 | 24°52'17 | 22°27 | 2° 2 | 6°41 | 29°14 | 9°10 | 29°13 | 17°57 | 9° 8 | 7°14 | 4°49 | 3°37 | 11°26 | 7°40 | M14 |
| T 15 | 9 39 7 | 25°53'03 | 6♏20 | 3°23 | 7°56 | 29°45 | 9°22 | 29°18 | 18° 0 | 9° 6 | 7°13 | 4°45 | 3°34 | 11°33 | 7°43 | T 15 |
| W16 | 9 43 4 | 26°53'47 | 20°20 | 4°45 | 9°11 | 0♐16 | 9°33 | 29°23 | 18° 3 | 9° 5 | 7°13 | 4°43 | 3°31 | 11°40 | 7°46 | W16 |
| T 17 | 9 47 1 | 27°54'31 | 4♐25 | 6° 8 | 10°26 | 0°46 | 9°44 | 29°27 | 18° 6 | 9° 3 | 7°12 | 4°D43 | 3°27 | 11°46 | 7°49 | T 17 |
| F 18 | 9 50 57 | 28°55'14 | 18°34 | 7°33 | 11°41 | 1°16 | 9°55 | 29°32 | 18° 9 | 9° 1 | 7°11 | 4°44 | 3°24 | 11°53 | 7°52 | F 18 |
| S 19 | 9 54 54 | 29°55'55 | 2♑46 | 8°59 | 12°56 | 1°47 | 10° 7 | 29°37 | 18°12 | 9° 0 | 7°11 | 4°R45 | 3°21 | 12° 0 | 7°55 | S 19 |
| S 20 | 9 58 50 | 0♓56'36 | 17° 0 | 10°25 | 14°11 | 2°17 | 10°18 | 29°42 | 18°15 | 8°58 | 7°10 | 4°44 | 3°18 | 12° 6 | 7°58 | S 20 |
| M21 | 10 2 47 | 1°57'16 | 1♒11 | 11°53 | 15°26 | 2°47 | 10°28 | 29°48 | 18°18 | 8°57 | 7° 9 | 4°41 | 3°15 | 12°13 | 8° 1 | M21 |
| T 22 | 10 6 43 | 2°57'54 | 15°18 | 13°21 | 16°41 | 3°16 | 10°39 | 29°53 | 18°21 | 8°55 | 7° 9 | 4°36 | 3°12 | 12°20 | 8° 4 | T 22 |
| W23 | 10 10 40 | 3°58'31 | 29°14 | 14°51 | 17°56 | 3°46 | 10°50 | 29°58 | 18°23 | 8°54 | 7° 8 | 4°27 | 3° 8 | 12°26 | 8° 8 | W23 |
| T 24 | 10 14 36 | 4°59'06 | 12♓57 | 16°21 | 19°11 | 4°15 | 11° 1 | 0♉ 4 | 18°26 | 8°52 | 7° 8 | 4°17 | 3° 5 | 12°33 | 8°11 | T 24 |
| F 25 | 10 18 33 | 5°59'40 | 26°22 | 17°53 | 20°26 | 4°45 | 11°11 | 0° 9 | 18°29 | 8°51 | 7° 7 | 4° 6 | 3° 2 | 12°40 | 8°14 | F 25 |
| S 26 | 10 22 30 | 7° 0'12 | 9♈27 | 19°25 | 21°41 | 5°14 | 11°22 | 0°14 | 18°32 | 8°49 | 7° 6 | 3°55 | 2°59 | 12°46 | 8°17 | S 26 |
| S 27 | 10 26 26 | 8° 0'42 | 22°12 | 20°59 | 22°56 | 5°43 | 11°32 | 0°20 | 18°34 | 8°48 | 7° 6 | 3°45 | 2°56 | 12°53 | 8°21 | S 27 |
| M28 | 10 30 23 | 9♓ 1'11 | 4♉38 | 22♒33 | 24♒10 | 6♐11 | 11♑42 | 0♉26 | 18♑37 | 8♌46 | 7♋ 5 | 3♋38 | 2♋53 | 13♊ 0 | 8♈24 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s15 | 10n20 | 4s21 | 20s55 | 1n23 | 21s51 | 0s 1 | 17s10 | 1n12 | 22s57 | 0n16 | 8n36 | 2s25 | 22s39 | 0s22 | 17n38 | 0s13 | 17n44 | 5s27 | 23n16 | 23n19 | 19n48 | 5n 5 | 2n29 |
| W 2 | 16 58 | 14 25 | 3 40 | 20 59 | 1 13 | 21 42 | 0 4 | 17 19 | 1 11 | 22 56 | 0 16 | 8 38 | 2 24 | 22 38 | 0 22 | 17 38 | 0 13 | 17 44 | 5 27 | 23 16 | 23 19 | 19 50 | 5 6 | 2 29 |
| T 3 | 16 40 | 17 53 | 2 50 | 21 1 | 1 3 | 21 33 | 0 6 | 17 27 | 1 11 | 22 56 | 0 16 | 8 39 | 2 24 | 22 38 | 0 22 | 17 39 | 0 13 | 17 44 | 5 27 | 23 16 | 23 19 | 19 51 | 5 7 | 2 29 |
| F 4 | 16 23 | 20 38 | 1 52 | 21 2 | 0 53 | 21 22 | 0 9 | 17 35 | 1 11 | 22 55 | 0 16 | 8 41 | 2 24 | 22 37 | 0 22 | 17 39 | 0 13 | 17 44 | 5 27 | 23 16 | 23 19 | 19 53 | 5 8 | 2 29 |
| S 5 | 16 5 | 22 30 | 0 50 | 21 3 | 0 43 | 21 12 | 0 12 | 17 43 | 1 10 | 22 55 | 0 16 | 8 42 | 2 24 | 22 37 | 0 22 | 17 40 | 0 13 | 17 45 | 5 27 | 23 16 | 23 19 | 19 55 | 5 9 | 2 28 |
| S 6 | 15 47 | 23 22 | 0n15 | 21 2 | 0 33 | 21 0 | 0 14 | 17 51 | 1 10 | 22 54 | 0 16 | 8 44 | 2 23 | 22 37 | 0 22 | 17 40 | 0 13 | 17 45 | 5 27 | 23 16 | 23 19 | 19 57 | 5 9 | 2 28 |
| M 7 | 15 28 | 23 8 | 1 20 | 21 0 | 0 24 | 20 48 | 0 17 | 17 59 | 1 10 | 22 53 | 0 16 | 8 46 | 2 23 | 22 36 | 0 22 | 17 41 | 0 13 | 17 45 | 5 27 | 23 16 | 23 20 | 19 58 | 5 10 | 2 28 |
| T 8 | 15 10 | 21 46 | 2 23 | 20 57 | 0 14 | 20 35 | 0 19 | 18 7 | 1 9 | 22 53 | 0 16 | 8 47 | 2 23 | 22 36 | 0 22 | 17 41 | 0 13 | 17 45 | 5 26 | 23 16 | 23 20 | 20 0 | 5 11 | 2 28 |
| W 9 | 14 51 | 19 18 | 3 19 | 20 53 | 0 5 | 20 22 | 0 22 | 18 15 | 1 9 | 22 52 | 0 16 | 8 49 | 2 23 | 22 35 | 0 22 | 17 42 | 0 13 | 17 45 | 5 26 | 23 16 | 23 20 | 20 2 | 5 12 | 2 28 |
| T 10 | 14 31 | 15 49 | 4 7 | 20 48 | 0s 4 | 20 8 | 0 24 | 18 22 | 1 9 | 22 51 | 0 16 | 8 51 | 2 22 | 22 35 | 0 22 | 17 42 | 0 13 | 17 45 | 5 26 | 23 17 | 23 20 | 20 4 | 5 13 | 2 28 |
| F 11 | 14 12 | 11 31 | 4 42 | 20 42 | 0 12 | 19 53 | 0 27 | 18 30 | 1 8 | 22 51 | 0 16 | 8 52 | 2 22 | 22 35 | 0 22 | 17 43 | 0 13 | 17 46 | 5 26 | 23 17 | 23 20 | 20 5 | 5 14 | 2 27 |
| S 12 | 13 52 | 6 35 | 5 3 | 20 34 | 0 21 | 19 38 | 0 29 | 18 37 | 1 8 | 22 50 | 0 16 | 8 54 | 2 22 | 22 34 | 0 22 | 17 43 | 0 13 | 17 46 | 5 26 | 23 17 | 23 20 | 20 7 | 5 15 | 2 27 |
| S 13 | 13 32 | 1 16 | 5 7 | 20 25 | 0 29 | 19 23 | 0 31 | 18 44 | 1 7 | 22 49 | 0 16 | 8 56 | 2 22 | 22 34 | 0 22 | 17 43 | 0 13 | 17 46 | 5 26 | 23 18 | 23 20 | 20 9 | 5 16 | 2 27 |
| M14 | 13 12 | 4s11 | 4 53 | 20 15 | 0 37 | 19 6 | 0 34 | 18 51 | 1 7 | 22 49 | 0 16 | 8 58 | 2 21 | 22 33 | 0 22 | 17 44 | 0 13 | 17 46 | 5 26 | 23 18 | 23 20 | 20 10 | 5 17 | 2 27 |
| T 15 | 12 52 | 9 28 | 4 22 | 20 4 | 0 44 | 18 49 | 0 36 | 18 58 | 1 7 | 22 48 | 0 16 | 9 0 | 2 21 | 22 33 | 0 22 | 17 44 | 0 13 | 17 46 | 5 25 | 23 18 | 23 20 | 20 12 | 5 18 | 2 27 |
| W16 | 12 31 | 14 19 | 3 36 | 19 52 | 0 51 | 18 32 | 0 38 | 19 5 | 1 6 | 22 47 | 0 15 | 9 2 | 2 21 | 22 33 | 0 23 | 17 45 | 0 12 | 17 47 | 5 25 | 23 18 | 23 20 | 20 14 | 5 19 | 2 27 |
| T 17 | 12 10 | 18 26 | 2 36 | 19 38 | 0 58 | 18 14 | 0 41 | 19 12 | 1 6 | 22 46 | 0 15 | 9 4 | 2 21 | 22 32 | 0 23 | 17 45 | 0 12 | 17 47 | 5 25 | 23 18 | 23 20 | 20 16 | 5 20 | 2 26 |
| F 18 | 11 49 | 21 28 | 1 26 | 19 24 | 1 5 | 17 56 | 0 43 | 19 18 | 1 5 | 22 46 | 0 15 | 9 5 | 2 21 | 22 32 | 0 23 | 17 46 | 0 12 | 17 47 | 5 25 | 23 18 | 23 21 | 20 17 | 5 21 | 2 26 |
| S 19 | 11 28 | 23 11 | 0 11 | 19 7 | 1 12 | 17 37 | 0 45 | 19 25 | 1 5 | 22 45 | 0 15 | 9 7 | 2 20 | 22 31 | 0 23 | 17 46 | 0 12 | 17 47 | 5 25 | 23 18 | 23 21 | 20 19 | 5 22 | 2 26 |
| S 20 | 11 7 | 23 23 | 1s 5 | 18 50 | 1 18 | 17 17 | 0 47 | 19 31 | 1 4 | 22 44 | 0 15 | 9 9 | 2 20 | 22 31 | 0 23 | 17 46 | 0 12 | 17 47 | 5 25 | 23 18 | 23 21 | 20 21 | 5 23 | 2 26 |
| M21 | 10 45 | 22 4 | 2 17 | 18 32 | 1 24 | 16 57 | 0 49 | 19 38 | 1 4 | 22 43 | 0 15 | 9 11 | 2 20 | 22 31 | 0 23 | 17 47 | 0 12 | 17 48 | 5 24 | 23 18 | 23 21 | 20 22 | 5 24 | 2 26 |
| T 22 | 10 24 | 19 23 | 3 19 | 18 12 | 1 29 | 16 37 | 0 51 | 19 44 | 1 3 | 22 43 | 0 15 | 9 13 | 2 20 | 22 30 | 0 23 | 17 47 | 0 12 | 17 48 | 5 24 | 23 18 | 23 21 | 20 24 | 5 26 | 2 26 |
| W23 | 10 2 | 15 36 | 4 9 | 17 51 | 1 34 | 16 16 | 0 53 | 19 50 | 1 3 | 22 42 | 0 15 | 9 15 | 2 19 | 22 30 | 0 23 | 17 48 | 0 12 | 17 48 | 5 24 | 23 19 | 23 21 | 20 26 | 5 27 | 2 26 |
| T 24 | 9 40 | 11 3 | 4 43 | 17 29 | 1 39 | 15 55 | 0 55 | 19 56 | 1 2 | 22 41 | 0 15 | 9 18 | 2 19 | 22 30 | 0 23 | 17 48 | 0 12 | 17 48 | 5 24 | 23 19 | 23 21 | 20 27 | 5 28 | 2 25 |
| F 25 | 9 18 | 6 3 | 5 1 | 17 5 | 1 44 | 15 33 | 0 57 | 20 2 | 1 1 | 22 40 | 0 15 | 9 20 | 2 19 | 22 29 | 0 23 | 17 48 | 0 12 | 17 48 | 5 24 | 23 19 | 23 21 | 20 29 | 5 29 | 2 25 |
| S 26 | 8 55 | 0 54 | 5 2 | 16 40 | 1 48 | 15 11 | 0 59 | 20 8 | 1 1 | 22 39 | 0 15 | 9 22 | 2 19 | 22 29 | 0 23 | 17 49 | 0 12 | 17 48 | 5 24 | 23 20 | 23 21 | 20 31 | 5 30 | 2 25 |
| S 27 | 8 33 | 4n10 | 4 48 | 16 14 | 1 52 | 14 48 | 1 1 | 20 13 | 1 0 | 22 38 | 0 15 | 9 24 | 2 19 | 22 29 | 0 23 | 17 49 | 0 12 | 17 49 | 5 24 | 23 20 | 23 21 | 20 32 | 5 31 | 2 25 |
| M28 | 8s10 | 8n56 | 4s21 | 15s47 | 1s55 | 14s25 | 1s 2 | 20s19 | 1n 0 | 22s38 | 0n15 | 9n26 | 2s18 | 22s28 | 0s23 | 17n50 | 0s12 | 17n49 | 5s23 | 23n20 | 23n21 | 20n34 | 5n33 | 2n25 |

Julian Day Number = 2601690.5, Delta T = 09m10s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'15, Lahiri = 29°36'16


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## MARCH 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 34 19 | 10♓ 1'38 | 16♉47 | 24♒ 8 | 25♒25 | 6♐40 | 11♑52 | 0♉31 | 18♑39 | 8°R45 | 7°R 5 | 3°R33 | 2♋49 | 13♊ 6 | 8♈27 | T 1 |
| W 2 | 10 38 16 | 11° 2'03 | 28°45 | 25°44 | 26°40 | 7° 8 | 12° 2 | 0°37 | 18°42 | 8♏44 | 7♋ 4 | 3♋30 | 2°46 | 13°13 | 8°31 | W 2 |
| T 3 | 10 42 12 | 12° 2'26 | 10♊35 | 27°22 | 27°55 | 7°36 | 12°12 | 0°43 | 18°44 | 8°42 | 7° 4 | 3°D29 | 2°43 | 13°20 | 8°34 | T 3 |
| F 4 | 10 46 9 | 13° 2'48 | 22°23 | 29° 0 | 29°10 | 8° 4 | 12°22 | 0°49 | 18°47 | 8°41 | 7° 4 | 3°29 | 2°40 | 13°26 | 8°38 | F 4 |
| S 5 | 10 50 5 | 14° 3'07 | 4♋14 | 0♓39 | 0♓25 | 8°32 | 12°32 | 0°55 | 18°49 | 8°40 | 7° 3 | 3°R30 | 2°37 | 13°33 | 8°41 | S 5 |
| S 6 | 10 54 2 | 15° 3'25 | 16°15 | 2°19 | 1°40 | 9° 0 | 12°41 | 1° 1 | 18°52 | 8°38 | 7° 3 | 3°29 | 2°33 | 13°40 | 8°45 | S 6 |
| M 7 | 10 57 59 | 16° 3'40 | 28°29 | 4° 0 | 2°55 | 9°27 | 12°51 | 1° 7 | 18°54 | 8°37 | 7° 3 | 3°26 | 2°30 | 13°46 | 8°48 | M 7 |
| T 8 | 11 1 55 | 17° 3'54 | 11♌ 1 | 5°42 | 4° 9 | 9°54 | 13° 0 | 1°13 | 18°56 | 8°36 | 7° 2 | 3°21 | 2°27 | 13°53 | 8°52 | T 8 |
| W 9 | 11 5 52 | 18° 4'06 | 23°53 | 7°25 | 5°24 | 10°21 | 13° 9 | 1°20 | 18°59 | 8°35 | 7° 2 | 3°13 | 2°24 | 13°59 | 8°55 | W 9 |
| T 10 | 11 9 48 | 19° 4'15 | 7♍ 6 | 9° 9 | 6°39 | 10°48 | 13°18 | 1°26 | 19° 1 | 8°33 | 7° 2 | 3° 2 | 2°21 | 14° 6 | 8°59 | T 10 |
| F 11 | 11 13 45 | 20° 4'23 | 20°39 | 10°55 | 7°54 | 11°14 | 13°27 | 1°32 | 19° 3 | 8°32 | 7° 1 | 2°50 | 2°18 | 14°13 | 9° 2 | F 11 |
| S 12 | 11 17 41 | 21° 4'29 | 4♎30 | 12°41 | 9° 9 | 11°41 | 13°36 | 1°39 | 19° 5 | 8°31 | 7° 1 | 2°38 | 2°14 | 14°19 | 9° 6 | S 12 |
| S 13 | 11 21 38 | 22° 4'34 | 18°33 | 14°28 | 10°24 | 12° 7 | 13°45 | 1°45 | 19° 7 | 8°30 | 7° 1 | 2°26 | 2°11 | 14°26 | 9° 9 | S 13 |
| M14 | 11 25 34 | 23° 4'36 | 2♏45 | 16°17 | 11°38 | 12°33 | 13°54 | 1°51 | 19° 9 | 8°29 | 7° 1 | 2°17 | 2° 8 | 14°33 | 9°13 | M14 |
| T 15 | 11 29 31 | 24° 4'37 | 17° 0 | 18° 6 | 12°53 | 12°58 | 14° 2 | 1°58 | 19°11 | 8°28 | 7° 1 | 2°10 | 2° 5 | 14°39 | 9°17 | T 15 |
| W16 | 11 33 28 | 25° 4'37 | 1♐14 | 19°57 | 14° 8 | 13°23 | 14°11 | 2° 5 | 19°13 | 8°27 | 7° 0 | 2° 6 | 2° 2 | 14°46 | 9°20 | W16 |
| T 17 | 11 37 24 | 26° 4'35 | 15°25 | 21°49 | 15°23 | 13°49 | 14°19 | 2°11 | 19°15 | 8°26 | 7° 0 | 2° 5 | 1°58 | 14°53 | 9°24 | T 17 |
| F 18 | 11 41 21 | 27° 4'31 | 29°31 | 23°42 | 16°37 | 14°13 | 14°27 | 2°18 | 19°17 | 8°25 | 7° 0 | 2° 4 | 1°55 | 14°59 | 9°28 | F 18 |
| S 19 | 11 45 17 | 28° 4'26 | 13♑31 | 25°36 | 17°52 | 14°38 | 14°35 | 2°25 | 19°19 | 8°24 | 7° 0 | 2° 4 | 1°52 | 15° 6 | 9°31 | S 19 |
| S 20 | 11 49 14 | 29° 4'19 | 27°25 | 27°31 | 19° 7 | 15° 2 | 14°43 | 2°31 | 19°21 | 8°23 | 7° 0 | 2° 3 | 1°49 | 15°13 | 9°35 | S 20 |
| M21 | 11 53 10 | 0♈ 4'10 | 11♒12 | 29°27 | 20°22 | 15°26 | 14°51 | 2°38 | 19°23 | 8°22 | 7° 0 | 1°59 | 1°46 | 15°19 | 9°39 | M21 |
| T 22 | 11 57 7 | 1° 4'00 | 24°52 | 1♈24 | 21°36 | 15°50 | 14°58 | 2°45 | 19°24 | 8°21 | 7°D 0 | 1°52 | 1°43 | 15°26 | 9°42 | T 22 |
| W23 | 12 1 3 | 2° 3'48 | 8♓23 | 3°22 | 22°51 | 16°13 | 15° 6 | 2°52 | 19°26 | 8°20 | 7° 0 | 1°42 | 1°39 | 15°33 | 9°46 | W23 |
| T 24 | 12 5 0 | 3° 3'34 | 21°42 | 5°20 | 24° 6 | 16°36 | 15°13 | 2°59 | 19°27 | 8°19 | 7° 0 | 1°30 | 1°36 | 15°39 | 9°50 | T 24 |
| F 25 | 12 8 56 | 4° 3'18 | 4♈48 | 7°20 | 25°21 | 16°59 | 15°20 | 3° 6 | 19°29 | 8°18 | 7° 0 | 1°16 | 1°33 | 15°46 | 9°53 | F 25 |
| S 26 | 12 12 53 | 5° 3'00 | 17°38 | 9°20 | 26°35 | 17°22 | 15°27 | 3°13 | 19°31 | 8°17 | 7° 0 | 1° 3 | 1°30 | 15°53 | 9°57 | S 26 |
| S 27 | 12 16 50 | 6° 2'40 | 0♉14 | 11°20 | 27°50 | 17°44 | 15°34 | 3°20 | 19°32 | 8°17 | 7° 0 | 0°50 | 1°27 | 15°59 | 10° 1 | S 27 |
| M28 | 12 20 46 | 7° 2'18 | 12°33 | 13°20 | 29° 5 | 18° 6 | 15°41 | 3°27 | 19°33 | 8°16 | 7° 1 | 0°40 | 1°24 | 16° 6 | 10° 5 | M28 |
| T 29 | 12 24 43 | 8° 1'54 | 24°40 | 15°21 | 0♈19 | 18°27 | 15°47 | 3°34 | 19°35 | 8°15 | 7° 1 | 0°33 | 1°20 | 16°12 | 10° 8 | T 29 |
| W30 | 12 28 39 | 9° 1'28 | 6♊36 | 17°21 | 1°34 | 18°48 | 15°54 | 3°42 | 19°36 | 8°15 | 7° 1 | 0°29 | 1°17 | 16°19 | 10°12 | W30 |
| T 31 | 12 32 36 | 10♈ 1'00 | 18♊25 | 19♈21 | 2♈49 | 19♐ 9 | 16♑ 0 | 3♉49 | 19♑37 | 8♏14 | 7♋ 1 | 0♋26 | 1♋14 | 16♊26 | 10♈16 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s48 | 13n16 | 3s42 | 15s19 | 1s59 | 14s 1 | 1s 4 | 20s24 | 0n59 | 22s37 | 0n15 | 9n28 | 2s18 | 22s28 | 0s23 | 17n50 | 0s12 | 17n49 | 5s23 | 23n20 | 23n21 | 20n36 | 5n34 | 2n25 |
| W 2 | 7 25 | 17 0 | 2 54 | 14 49 | 2 1 | 13 38 | 1 6 | 20 30 | 0 58 | 22 36 | 0 15 | 9 30 | 2 18 | 22 28 | 0 23 | 17 50 | 0 12 | 17 49 | 5 23 | 23 20 | 23 21 | 20 37 | 5 35 | 2 25 |
| T 3 | 7 2 | 20 1 | 1 59 | 14 18 | 2 4 | 13 13 | 1 7 | 20 35 | 0 58 | 22 35 | 0 15 | 9 33 | 2 18 | 22 27 | 0 23 | 17 51 | 0 12 | 17 49 | 5 23 | 23 20 | 23 21 | 20 39 | 5 36 | 2 24 |
| F 4 | 6 39 | 22 11 | 0 59 | 13 46 | 2 6 | 12 49 | 1 9 | 20 40 | 0 57 | 22 34 | 0 14 | 9 35 | 2 18 | 22 27 | 0 23 | 17 51 | 0 12 | 17 50 | 5 23 | 23 20 | 23 22 | 20 41 | 5 37 | 2 24 |
| S 5 | 6 16 | 23 23 | 0n 4 | 13 12 | 2 8 | 12 24 | 1 10 | 20 45 | 0 56 | 22 33 | 0 14 | 9 37 | 2 17 | 22 27 | 0 23 | 17 52 | 0 12 | 17 50 | 5 23 | 23 20 | 23 22 | 20 42 | 5 39 | 2 24 |
| S 6 | 5 52 | 23 31 | 1 7 | 12 38 | 2 9 | 11 58 | 1 12 | 20 50 | 0 56 | 22 33 | 0 14 | 9 39 | 2 17 | 22 26 | 0 23 | 17 52 | 0 12 | 17 50 | 5 22 | 23 20 | 23 22 | 20 44 | 5 40 | 2 24 |
| M 7 | 5 29 | 22 31 | 2 9 | 12 2 | 2 10 | 11 33 | 1 13 | 20 55 | 0 55 | 22 32 | 0 14 | 9 42 | 2 17 | 22 26 | 0 23 | 17 52 | 0 12 | 17 50 | 5 22 | 23 20 | 23 22 | 20 45 | 5 41 | 2 24 |
| T 8 | 5 6 | 20 24 | 3 5 | 11 25 | 2 10 | 11 7 | 1 14 | 20 59 | 0 54 | 22 31 | 0 14 | 9 44 | 2 17 | 22 26 | 0 23 | 17 53 | 0 12 | 17 50 | 5 22 | 23 21 | 23 22 | 20 47 | 5 42 | 2 24 |
| W 9 | 4 42 | 17 12 | 3 54 | 10 47 | 2 10 | 10 41 | 1 15 | 21 4 | 0 53 | 22 30 | 0 14 | 9 46 | 2 17 | 22 26 | 0 23 | 17 53 | 0 12 | 17 51 | 5 22 | 23 21 | 23 22 | 20 49 | 5 44 | 2 24 |
| T 10 | 4 19 | 13 5 | 4 31 | 10 7 | 2 10 | 10 14 | 1 17 | 21 9 | 0 53 | 22 29 | 0 14 | 9 49 | 2 17 | 22 25 | 0 23 | 17 53 | 0 12 | 17 51 | 5 22 | 23 21 | 23 22 | 20 50 | 5 45 | 2 24 |
| F 11 | 3 55 | 8 12 | 4 54 | 9 27 | 2 9 | 9 47 | 1 18 | 21 13 | 0 52 | 22 28 | 0 14 | 9 51 | 2 16 | 22 25 | 0 23 | 17 54 | 0 12 | 17 51 | 5 22 | 23 21 | 23 22 | 20 52 | 5 46 | 2 23 |
| S 12 | 3 32 | 2 49 | 5 1 | 8 45 | 2 7 | 9 20 | 1 19 | 21 18 | 0 51 | 22 28 | 0 14 | 9 53 | 2 16 | 22 25 | 0 23 | 17 54 | 0 12 | 17 51 | 5 21 | 23 22 | 23 22 | 20 53 | 5 48 | 2 23 |
| S 13 | 3 8 | 2s48 | 4 49 | 8 2 | 2 6 | 8 53 | 1 20 | 21 22 | 0 50 | 22 27 | 0 14 | 9 56 | 2 16 | 22 24 | 0 23 | 17 54 | 0 12 | 17 51 | 5 21 | 23 22 | 23 22 | 20 55 | 5 49 | 2 23 |
| M14 | 2 45 | 8 19 | 4 20 | 7 18 | 2 3 | 8 26 | 1 21 | 21 26 | 0 49 | 22 26 | 0 14 | 9 58 | 2 16 | 22 24 | 0 23 | 17 54 | 0 12 | 17 51 | 5 21 | 23 22 | 23 22 | 20 57 | 5 50 | 2 23 |
| T 15 | 2 21 | 13 27 | 3 34 | 6 33 | 2 1 | 7 58 | 1 22 | 21 30 | 0 49 | 22 25 | 0 14 | 10 0 | 2 16 | 22 24 | 0 23 | 17 55 | 0 12 | 17 52 | 5 21 | 23 22 | 23 22 | 20 58 | 5 52 | 2 23 |
| W16 | 1 57 | 17 50 | 2 35 | 5 46 | 1 57 | 7 30 | 1 22 | 21 34 | 0 48 | 22 24 | 0 14 | 10 3 | 2 16 | 22 24 | 0 23 | 17 55 | 0 12 | 17 52 | 5 21 | 23 22 | 23 22 | 21 0 | 5 53 | 2 23 |
| T 17 | 1 33 | 21 9 | 1 27 | 4 59 | 1 54 | 7 2 | 1 23 | 21 38 | 0 47 | 22 24 | 0 14 | 10 5 | 2 15 | 22 23 | 0 23 | 17 55 | 0 12 | 17 52 | 5 21 | 23 22 | 23 22 | 21 1 | 5 54 | 2 23 |
| F 18 | 1 10 | 23 10 | 0 14 | 4 10 | 1 49 | 6 33 | 1 24 | 21 42 | 0 46 | 22 23 | 0 14 | 10 8 | 2 15 | 22 23 | 0 23 | 17 56 | 0 12 | 17 52 | 5 20 | 23 22 | 23 22 | 21 3 | 5 56 | 2 23 |
| S 19 | 0 46 | 23 42 | 1s 0 | 3 21 | 1 45 | 6 5 | 1 24 | 21 46 | 0 45 | 22 22 | 0 14 | 10 10 | 2 15 | 22 23 | 0 23 | 17 56 | 0 12 | 17 52 | 5 20 | 23 22 | 23 22 | 21 5 | 5 57 | 2 23 |
| S 20 | 0 22 | 22 45 | 2 10 | 2 30 | 1 39 | 5 36 | 1 25 | 21 49 | 0 44 | 22 21 | 0 13 | 10 12 | 2 15 | 22 23 | 0 23 | 17 56 | 0 12 | 17 53 | 5 20 | 23 22 | 23 22 | 21 6 | 5 58 | 2 22 |
| M21 | 0n 2 | 20 26 | 3 11 | 1 39 | 1 33 | 5 7 | 1 26 | 21 53 | 0 43 | 22 20 | 0 13 | 10 15 | 2 15 | 22 22 | 0 23 | 17 56 | 0 12 | 17 53 | 5 20 | 23 22 | 23 22 | 21 8 | 6 0 | 2 22 |
| T 22 | 0 25 | 16 59 | 4 1 | 0 47 | 1 27 | 4 38 | 1 26 | 21 56 | 0 42 | 22 20 | 0 13 | 10 17 | 2 15 | 22 22 | 0 23 | 17 57 | 0 12 | 17 53 | 5 20 | 23 22 | 23 22 | 21 9 | 6 1 | 2 22 |
| W23 | 0 49 | 12 40 | 4 36 | 0n 7 | 1 20 | 4 9 | 1 26 | 22 0 | 0 41 | 22 19 | 0 13 | 10 20 | 2 15 | 22 22 | 0 23 | 17 57 | 0 12 | 17 53 | 5 19 | 23 23 | 23 23 | 21 11 | 6 2 | 2 22 |
| T 24 | 1 13 | 7 49 | 4 56 | 1 0 | 1 12 | 3 40 | 1 27 | 22 3 | 0 40 | 22 18 | 0 13 | 10 22 | 2 15 | 22 22 | 0 23 | 17 57 | 0 12 | 17 53 | 5 19 | 23 23 | 23 23 | 21 12 | 6 4 | 2 22 |
| F 25 | 1 37 | 2 41 | 4 59 | 1 55 | 1 4 | 3 11 | 1 27 | 22 7 | 0 39 | 22 17 | 0 13 | 10 25 | 2 14 | 22 22 | 0 23 | 17 57 | 0 12 | 17 53 | 5 19 | 23 23 | 23 23 | 21 14 | 6 5 | 2 22 |
| S 26 | 2 0 | 2n28 | 4 48 | 2 50 | 0 56 | 2 41 | 1 27 | 22 10 | 0 37 | 22 17 | 0 13 | 10 27 | 2 14 | 22 21 | 0 23 | 17 58 | 0 12 | 17 54 | 5 19 | 23 23 | 23 23 | 21 15 | 6 7 | 2 22 |
| S 27 | 2 24 | 7 26 | 4 22 | 3 45 | 0 47 | 2 12 | 1 27 | 22 13 | 0 36 | 22 16 | 0 13 | 10 30 | 2 14 | 22 21 | 0 23 | 17 58 | 0 12 | 17 54 | 5 19 | 23 23 | 23 23 | 21 17 | 6 8 | 2 22 |
| M28 | 2 47 | 12 0 | 3 45 | 4 41 | 0 37 | 1 42 | 1 27 | 22 16 | 0 35 | 22 15 | 0 13 | 10 32 | 2 14 | 22 21 | 0 23 | 17 58 | 0 12 | 17 54 | 5 19 | 23 23 | 23 23 | 21 19 | 6 9 | 2 22 |
| T 29 | 3 11 | 16 1 | 2 57 | 5 37 | 0 27 | 1 12 | 1 27 | 22 19 | 0 34 | 22 15 | 0 13 | 10 35 | 2 14 | 22 21 | 0 24 | 17 58 | 0 12 | 17 54 | 5 18 | 23 23 | 23 23 | 21 20 | 6 11 | 2 22 |
| W30 | 3 34 | 19 21 | 2 3 | 6 32 | 0 17 | 0 43 | 1 27 | 22 22 | 0 33 | 22 14 | 0 13 | 10 37 | 2 14 | 22 21 | 0 24 | 17 58 | 0 12 | 17 54 | 5 18 | 23 23 | 23 23 | 21 22 | 6 12 | 2 22 |
| T 31 | 3n58 | 21n50 | 1s 3 | 7n28 | 0s 6 | 0s13 | 1s27 | 22s25 | 0n31 | 22s13 | 0n13 | 10n40 | 2s14 | 22s21 | 0s24 | 17n59 | 0s12 | 17n54 | 5s18 | 23n23 | 23n23 | 21n23 | 6n14 | 2n22 |

Julian Day Number = 2601718.5, Delta T = 09m10s
Ecliptic obliquity = 23°23'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'19, Lahiri = 29°36'20


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## APRIL 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 36 32 | 11♈ 0'29 | 0♋12 | 21♈20 | 4♈ 3 | 19♐29 | 16♑ 6 | 3♉56 | 19♑39 | 8°R13 | 7♋ 1 | 0°D26 | 1♋11 | 16♊32 | 10♈20 | F 1 |
| S 2 | 12 40 29 | 11°59'56 | 12° 3 | 23°17 | 5°18 | 19°49 | 16°12 | 4° 3 | 19°40 | 8♌13 | 7° 2 | 0°R26 | 1° 8 | 16°39 | 10°23 | S 2 |
| S 3 | 12 44 25 | 12°59'21 | 24° 3 | 25°13 | 6°32 | 20° 9 | 16°18 | 4°11 | 19°41 | 8°12 | 7° 2 | 0♋26 | 1° 4 | 16°46 | 10°27 | S 3 |
| M 4 | 12 48 22 | 13°58'43 | 6♌18 | 27° 7 | 7°47 | 20°28 | 16°23 | 4°18 | 19°42 | 8°12 | 7° 2 | 0°24 | 1° 1 | 16°52 | 10°31 | M 4 |
| T 5 | 12 52 19 | 14°58'03 | 18°52 | 28°59 | 9° 1 | 20°47 | 16°29 | 4°25 | 19°43 | 8°11 | 7° 3 | 0°19 | 0°58 | 16°59 | 10°34 | T 5 |
| W 6 | 12 56 15 | 15°57'21 | 1♍49 | 0♉48 | 10°16 | 21° 6 | 16°34 | 4°33 | 19°44 | 8°11 | 7° 3 | 0°12 | 0°55 | 17° 6 | 10°38 | W 6 |
| T 7 | 13 0 12 | 16°56'37 | 15°11 | 2°33 | 11°30 | 21°24 | 16°39 | 4°40 | 19°45 | 8°10 | 7° 3 | 0° 3 | 0°52 | 17°12 | 10°42 | T 7 |
| F 8 | 13 4 8 | 17°55'50 | 28°59 | 4°15 | 12°45 | 21°42 | 16°44 | 4°47 | 19°46 | 8°10 | 7° 4 | 29♊52 | 0°49 | 17°19 | 10°46 | F 8 |
| S 9 | 13 8 5 | 18°55'01 | 13♎ 9 | 5°53 | 13°59 | 21°59 | 16°49 | 4°55 | 19°46 | 8°10 | 7° 4 | 29°41 | 0°45 | 17°26 | 10°49 | S 9 |
| S 10 | 13 12 1 | 19°54'11 | 27°36 | 7°27 | 15°14 | 22°16 | 16°54 | 5° 2 | 19°47 | 8° 9 | 7° 4 | 29°31 | 0°42 | 17°32 | 10°53 | S 10 |
| M11 | 13 15 58 | 20°53'18 | 12♏14 | 8°56 | 16°28 | 22°32 | 16°58 | 5°10 | 19°48 | 8° 9 | 7° 5 | 29°22 | 0°39 | 17°39 | 10°57 | M11 |
| T 12 | 13 19 54 | 21°52'23 | 26°55 | 10°20 | 17°43 | 22°48 | 17° 2 | 5°17 | 19°49 | 8° 9 | 7° 5 | 29°16 | 0°36 | 17°46 | 11° 0 | T 12 |
| W13 | 13 23 51 | 22°51'27 | 11♐32 | 11°38 | 18°57 | 23° 3 | 17° 7 | 5°25 | 19°49 | 8° 9 | 7° 6 | 29°12 | 0°33 | 17°52 | 11° 4 | W13 |
| T 14 | 13 27 48 | 23°50'29 | 26° 1 | 12°52 | 20°12 | 23°18 | 17°11 | 5°32 | 19°50 | 8° 8 | 7° 6 | 29°D11 | 0°30 | 17°59 | 11° 8 | T 14 |
| F 15 | 13 31 44 | 24°49'29 | 10♑17 | 13°59 | 21°26 | 23°33 | 17°14 | 5°40 | 19°50 | 8° 8 | 7° 7 | 29°11 | 0°26 | 18° 6 | 11°11 | F 15 |
| S 16 | 13 35 41 | 25°48'28 | 24°19 | 15° 1 | 22°40 | 23°47 | 17°18 | 5°47 | 19°51 | 8° 8 | 7° 8 | 29°R12 | 0°23 | 18°12 | 11°15 | S 16 |
| S 17 | 13 39 37 | 26°47'24 | 8♒ 7 | 15°56 | 23°55 | 24° 0 | 17°21 | 5°55 | 19°51 | 8° 8 | 7° 8 | 29°11 | 0°20 | 18°19 | 11°19 | S 17 |
| M18 | 13 43 34 | 27°46'19 | 21°42 | 16°46 | 25° 9 | 24°13 | 17°25 | 6° 3 | 19°51 | 8° 8 | 7° 9 | 29° 9 | 0°17 | 18°25 | 11°22 | M18 |
| T 19 | 13 47 30 | 28°45'13 | 5♓ 3 | 17°29 | 26°23 | 24°25 | 17°28 | 6°10 | 19°52 | 8°D 8 | 7° 9 | 29° 4 | 0°14 | 18°32 | 11°26 | T 19 |
| W20 | 13 51 27 | 29°44'04 | 18°12 | 18° 6 | 27°38 | 24°37 | 17°31 | 6°18 | 19°52 | 8° 8 | 7°10 | 28°57 | 0°10 | 18°39 | 11°29 | W20 |
| T 21 | 13 55 23 | 0♉42'54 | 1♈ 8 | 18°36 | 28°52 | 24°48 | 17°33 | 6°25 | 19°52 | 8° 8 | 7°11 | 28°47 | 0° 7 | 18°45 | 11°33 | T 21 |
| F 22 | 13 59 20 | 1°41'42 | 13°53 | 19° 0 | 0♉ 6 | 24°59 | 17°36 | 6°33 | 19°52 | 8° 8 | 7°11 | 28°37 | 0° 4 | 18°52 | 11°37 | F 22 |
| S 23 | 14 3 17 | 2°40'28 | 26°25 | 19°18 | 1°21 | 25° 9 | 17°38 | 6°41 | 19°52 | 8° 8 | 7°12 | 28°26 | 0° 1 | 18°59 | 11°40 | S 23 |
| S 24 | 14 7 13 | 3°39'12 | 8♉45 | 19°29 | 2°35 | 25°18 | 17°40 | 6°48 | 19°R52 | 8° 9 | 7°13 | 28°17 | 29♊58 | 19° 5 | 11°44 | S 24 |
| M25 | 14 11 10 | 4°37'54 | 20°55 | 19°R34 | 3°49 | 25°27 | 17°42 | 6°56 | 19°52 | 8° 9 | 7°13 | 28° 9 | 29°55 | 19°12 | 11°47 | M25 |
| T 26 | 14 15 6 | 5°36'34 | 2♊54 | 19°34 | 5° 3 | 25°35 | 17°44 | 7° 4 | 19°52 | 8° 9 | 7°14 | 28° 4 | 29°51 | 19°19 | 11°51 | T 26 |
| W27 | 14 19 3 | 6°35'12 | 14°46 | 19°27 | 6°18 | 25°43 | 17°46 | 7°11 | 19°52 | 8° 9 | 7°15 | 28° 0 | 29°48 | 19°25 | 11°54 | W27 |
| T 28 | 14 22 59 | 7°33'48 | 26°34 | 19°15 | 7°32 | 25°50 | 17°47 | 7°19 | 19°52 | 8° 9 | 7°16 | 27°D59 | 29°45 | 19°32 | 11°58 | T 28 |
| F 29 | 14 26 56 | 8°32'22 | 8♋20 | 18°57 | 8°46 | 25°56 | 17°49 | 7°26 | 19°52 | 8°10 | 7°17 | 28° 0 | 29°42 | 19°39 | 12° 1 | F 29 |
| S 30 | 14 30 52 | 9♉30'54 | 20♋11 | 18♉35 | 10♉ 0 | 26♐ 2 | 17♑50 | 7♉34 | 19♑52 | 8♌10 | 7♋18 | 28♊ 1 | 29♊39 | 19♊45 | 12♈ 4 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n21 | 23n22 | 0s 1 | 8n23 | 0n 5 | 0n17 | 1s27 | 22s28 | 0n30 | 22s13 | 0n13 | 10n42 | 2s14 | 22s20 | 0s24 | 17n59 | 0s12 | 17n55 | 5s18 | 23n23 | 23n23 | 21n25 | 6n15 | 2n22 |
| S 2 | 4 44 | 23 52 | 1n 1 | 9 17 | 0 17 | 0 47 | 1 26 | 22 31 | 0 29 | 22 12 | 0 13 | 10 45 | 2 14 | 22 20 | 0 24 | 17 59 | 0 12 | 17 55 | 5 18 | 23 23 | 23 23 | 21 26 | 6 16 | 2 21 |
| S 3 | 5 7 | 23 15 | 2 2 | 10 11 | 0 28 | 1 16 | 1 26 | 22 34 | 0 28 | 22 11 | 0 12 | 10 47 | 2 13 | 22 20 | 0 24 | 17 59 | 0 12 | 17 55 | 5 18 | 23 23 | 23 23 | 21 28 | 6 18 | 2 21 |
| M 4 | 5 30 | 21 32 | 2 58 | 11 3 | 0 40 | 1 46 | 1 26 | 22 37 | 0 26 | 22 11 | 0 12 | 10 50 | 2 13 | 22 20 | 0 24 | 17 59 | 0 12 | 17 55 | 5 17 | 23 23 | 23 23 | 21 29 | 6 19 | 2 21 |
| T 5 | 5 53 | 18 44 | 3 47 | 11 54 | 0 52 | 2 16 | 1 25 | 22 39 | 0 25 | 22 10 | 0 12 | 10 52 | 2 13 | 22 20 | 0 24 | 17 59 | 0 12 | 17 55 | 5 17 | 23 23 | 23 23 | 21 31 | 6 21 | 2 21 |
| W 6 | 6 16 | 14 57 | 4 26 | 12 43 | 1 4 | 2 46 | 1 25 | 22 42 | 0 23 | 22 9 | 0 12 | 10 55 | 2 13 | 22 20 | 0 24 | 17 59 | 0 12 | 17 55 | 5 17 | 23 23 | 23 23 | 21 32 | 6 22 | 2 21 |
| T 7 | 6 39 | 10 19 | 4 52 | 13 31 | 1 16 | 3 15 | 1 24 | 22 45 | 0 22 | 22 9 | 0 12 | 10 57 | 2 13 | 22 20 | 0 24 | 18 0 | 0 12 | 17 55 | 5 17 | 23 23 | 23 23 | 21 34 | 6 23 | 2 21 |
| F 8 | 7 1 | 5 1 | 5 2 | 14 17 | 1 27 | 3 45 | 1 23 | 22 47 | 0 20 | 22 8 | 0 12 | 11 0 | 2 13 | 22 20 | 0 24 | 18 0 | 0 12 | 17 56 | 5 17 | 23 23 | 23 23 | 21 35 | 6 25 | 2 21 |
| S 9 | 7 24 | 0s40 | 4 54 | 15 0 | 1 38 | 4 14 | 1 23 | 22 50 | 0 19 | 22 8 | 0 12 | 11 3 | 2 13 | 22 20 | 0 24 | 18 0 | 0 12 | 17 56 | 5 17 | 23 23 | 23 23 | 21 37 | 6 26 | 2 21 |
| S 10 | 7 46 | 6 26 | 4 27 | 15 41 | 1 49 | 4 44 | 1 22 | 22 53 | 0 17 | 22 7 | 0 12 | 11 5 | 2 13 | 22 19 | 0 24 | 18 0 | 0 12 | 17 56 | 5 16 | 23 23 | 23 23 | 21 38 | 6 28 | 2 21 |
| M11 | 8 8 | 11 56 | 3 42 | 16 20 | 2 0 | 5 13 | 1 21 | 22 55 | 0 16 | 22 7 | 0 12 | 11 8 | 2 13 | 22 19 | 0 24 | 18 0 | 0 12 | 17 56 | 5 16 | 23 23 | 23 23 | 21 39 | 6 29 | 2 21 |
| T 12 | 8 30 | 16 47 | 2 43 | 16 56 | 2 10 | 5 42 | 1 20 | 22 58 | 0 14 | 22 6 | 0 12 | 11 10 | 2 13 | 22 19 | 0 24 | 18 0 | 0 12 | 17 56 | 5 16 | 23 23 | 23 23 | 21 41 | 6 30 | 2 21 |
| W13 | 8 52 | 20 35 | 1 33 | 17 29 | 2 19 | 6 11 | 1 19 | 23 0 | 0 12 | 22 6 | 0 12 | 11 13 | 2 13 | 22 19 | 0 24 | 18 0 | 0 12 | 17 56 | 5 16 | 23 23 | 23 23 | 21 42 | 6 32 | 2 21 |
| T 14 | 9 14 | 23 3 | 0 17 | 18 0 | 2 27 | 6 40 | 1 18 | 23 3 | 0 10 | 22 6 | 0 12 | 11 15 | 2 13 | 22 19 | 0 24 | 18 0 | 0 12 | 17 56 | 5 16 | 23 23 | 23 23 | 21 44 | 6 33 | 2 21 |
| F 15 | 9 36 | 23 58 | 0s59 | 18 28 | 2 35 | 7 9 | 1 17 | 23 5 | 0 9 | 22 5 | 0 12 | 11 18 | 2 12 | 22 19 | 0 24 | 18 0 | 0 12 | 17 57 | 5 16 | 23 23 | 23 23 | 21 45 | 6 35 | 2 21 |
| S 16 | 9 57 | 23 20 | 2 10 | 18 53 | 2 41 | 7 38 | 1 16 | 23 8 | 0 7 | 22 5 | 0 12 | 11 20 | 2 12 | 22 19 | 0 24 | 18 0 | 0 12 | 17 57 | 5 15 | 23 23 | 23 23 | 21 47 | 6 36 | 2 21 |
| S 17 | 10 18 | 21 17 | 3 12 | 19 14 | 2 47 | 8 6 | 1 15 | 23 10 | 0 5 | 22 4 | 0 11 | 11 23 | 2 12 | 22 19 | 0 24 | 18 0 | 0 12 | 17 57 | 5 15 | 23 23 | 23 23 | 21 48 | 6 37 | 2 21 |
| M18 | 10 39 | 18 4 | 4 2 | 19 33 | 2 52 | 8 34 | 1 13 | 23 13 | 0 3 | 22 4 | 0 11 | 11 25 | 2 12 | 22 19 | 0 24 | 18 0 | 0 12 | 17 57 | 5 15 | 23 23 | 23 23 | 21 50 | 6 39 | 2 21 |
| T 19 | 11 0 | 13 57 | 4 39 | 19 49 | 2 56 | 9 2 | 1 12 | 23 15 | 0 1 | 22 4 | 0 11 | 11 28 | 2 12 | 22 19 | 0 24 | 18 0 | 0 12 | 17 57 | 5 15 | 23 23 | 23 23 | 21 51 | 6 40 | 2 21 |
| W20 | 11 21 | 9 15 | 4 59 | 20 2 | 2 58 | 9 30 | 1 11 | 23 17 | 0s 1 | 22 3 | 0 11 | 11 30 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 57 | 5 15 | 23 23 | 23 23 | 21 52 | 6 41 | 2 21 |
| T 21 | 11 42 | 4 12 | 5 4 | 20 12 | 2 59 | 9 58 | 1 9 | 23 20 | 0 3 | 22 3 | 0 11 | 11 33 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 57 | 5 15 | 23 23 | 23 23 | 21 54 | 6 43 | 2 21 |
| F 22 | 12 2 | 0n57 | 4 54 | 20 19 | 3 0 | 10 25 | 1 8 | 23 22 | 0 5 | 22 3 | 0 11 | 11 35 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 23 | 23 23 | 21 55 | 6 44 | 2 20 |
| S 23 | 12 22 | 5 59 | 4 30 | 20 22 | 2 58 | 10 53 | 1 6 | 23 25 | 0 7 | 22 3 | 0 11 | 11 38 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 23 | 23 23 | 21 57 | 6 46 | 2 20 |
| S 24 | 12 42 | 10 43 | 3 53 | 20 23 | 2 56 | 11 20 | 1 5 | 23 27 | 0 9 | 22 2 | 0 11 | 11 40 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 22 | 23 23 | 21 58 | 6 47 | 2 20 |
| M25 | 13 2 | 14 57 | 3 6 | 20 20 | 2 52 | 11 46 | 1 3 | 23 30 | 0 11 | 22 2 | 0 11 | 11 43 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 22 | 23 23 | 22 0 | 6 48 | 2 20 |
| T 26 | 13 22 | 18 33 | 2 11 | 20 15 | 2 46 | 12 13 | 1 2 | 23 32 | 0 14 | 22 2 | 0 11 | 11 45 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 22 | 23 23 | 22 1 | 6 50 | 2 20 |
| W27 | 13 41 | 21 21 | 1 11 | 20 7 | 2 40 | 12 39 | 1 0 | 23 35 | 0 16 | 22 2 | 0 11 | 11 48 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 14 | 23 22 | 23 23 | 22 2 | 6 51 | 2 20 |
| T 28 | 14 0 | 23 13 | 0 8 | 19 56 | 2 31 | 13 5 | 0 58 | 23 38 | 0 18 | 22 2 | 0 11 | 11 50 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 13 | 23 22 | 23 23 | 22 4 | 6 52 | 2 20 |
| F 29 | 14 19 | 24 3 | 0n56 | 19 42 | 2 22 | 13 30 | 0 56 | 23 40 | 0 21 | 22 2 | 0 10 | 11 53 | 2 12 | 22 19 | 0 24 | 18 0 | 0 11 | 17 58 | 5 13 | 23 22 | 23 23 | 22 5 | 6 54 | 2 20 |
| S 30 | 14n38 | 23n48 | 1n57 | 19n25 | 2n11 | 13n55 | 0s55 | 23s43 | 0s23 | 22s 2 | 0n10 | 11n55 | 2s12 | 22s19 | 0s24 | 18n 0 | 0s11 | 17n58 | 5s13 | 23n22 | 23n23 | 22n 6 | 6n55 | 2n20 |

Julian Day Number = 2601749.5, Delta T = 09m11s
Ecliptic obliquity = 23°23'09, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'23, Lahiri = 29°36'25


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## MAY 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 34 49 | 10♉29'24 | 2♌10 | 18°R 8 | 11♉14 | 26♐ 7 | 17♑50 | 7♉42 | 19°R51 | 8♌11 | 7♋18 | 28♊ 2 | 29♊36 | 19♊52 | 12♈ 8 | S 1 |
| M 2 | 14 38 46 | 11°27'52 | 14°23 | 17♉38 | 12°29 | 26°11 | 17°51 | 7°49 | 19♑51 | 8°11 | 7°19 | 28°R 2 | 29°32 | 19°59 | 12°11 | M 2 |
| T 3 | 14 42 42 | 12°26'17 | 26°55 | 17° 4 | 13°43 | 26°15 | 17°52 | 7°57 | 19°51 | 8°11 | 7°20 | 28° 1 | 29°29 | 20° 5 | 12°15 | T 3 |
| W 4 | 14 46 39 | 13°24'40 | 9♍50 | 16°28 | 14°57 | 26°18 | 17°52 | 8° 5 | 19°50 | 8°12 | 7°21 | 27°58 | 29°26 | 20°12 | 12°18 | W 4 |
| T 5 | 14 50 35 | 14°23'02 | 23°13 | 15°50 | 16°11 | 26°20 | 17°R52 | 8°12 | 19°50 | 8°12 | 7°22 | 27°54 | 29°23 | 20°18 | 12°21 | T 5 |
| F 6 | 14 54 32 | 15°21'21 | 7♎ 2 | 15°11 | 17°25 | 26°21 | 17°52 | 8°20 | 19°49 | 8°13 | 7°23 | 27°48 | 29°20 | 20°25 | 12°24 | F 6 |
| S 7 | 14 58 28 | 16°19'38 | 21°19 | 14°32 | 18°39 | 26°22 | 17°52 | 8°27 | 19°48 | 8°14 | 7°24 | 27°41 | 29°16 | 20°32 | 12°28 | S 7 |
| S 8 | 15 2 25 | 17°17'53 | 5♏58 | 13°53 | 19°53 | 26°R22 | 17°51 | 8°35 | 19°48 | 8°14 | 7°25 | 27°35 | 29°13 | 20°38 | 12°31 | S 8 |
| M 9 | 15 6 21 | 18°16'07 | 20°52 | 13°15 | 21° 7 | 26°22 | 17°51 | 8°43 | 19°47 | 8°15 | 7°26 | 27°30 | 29°10 | 20°45 | 12°34 | M 9 |
| T 10 | 15 10 18 | 19°14'19 | 5♐54 | 12°38 | 22°21 | 26°20 | 17°50 | 8°50 | 19°46 | 8°15 | 7°27 | 27°27 | 29° 7 | 20°52 | 12°37 | T 10 |
| W11 | 15 14 15 | 20°12'29 | 20°54 | 12° 4 | 23°35 | 26°18 | 17°49 | 8°58 | 19°46 | 8°16 | 7°28 | 27°D25 | 29° 4 | 20°58 | 12°40 | W11 |
| T 12 | 15 18 11 | 21°10'38 | 5♑44 | 11°32 | 24°49 | 26°15 | 17°48 | 9° 5 | 19°45 | 8°17 | 7°29 | 27°25 | 29° 1 | 21° 5 | 12°43 | T 12 |
| F 13 | 15 22 8 | 22° 8'45 | 20°19 | 11° 4 | 26° 3 | 26°11 | 17°46 | 9°13 | 19°44 | 8°18 | 7°30 | 27°26 | 28°57 | 21°12 | 12°46 | F 13 |
| S 14 | 15 26 4 | 23° 6'51 | 4♒34 | 10°40 | 27°17 | 26° 7 | 17°45 | 9°20 | 19°43 | 8°19 | 7°31 | 27°28 | 28°54 | 21°18 | 12°50 | S 14 |
| S 15 | 15 30 1 | 24° 4'56 | 18°28 | 10°19 | 28°31 | 26° 2 | 17°43 | 9°28 | 19°42 | 8°19 | 7°32 | 27°R29 | 28°51 | 21°25 | 12°53 | S 15 |
| M16 | 15 33 57 | 25° 2'59 | 2♓ 1 | 10° 3 | 29°45 | 25°56 | 17°41 | 9°35 | 19°41 | 8°20 | 7°33 | 27°29 | 28°48 | 21°32 | 12°56 | M16 |
| T 17 | 15 37 54 | 26° 1'01 | 15°15 | 9°51 | 0♊59 | 25°49 | 17°39 | 9°43 | 19°40 | 8°21 | 7°34 | 27°27 | 28°45 | 21°38 | 12°58 | T 17 |
| W18 | 15 41 50 | 26°59'01 | 28°11 | 9°43 | 2°13 | 25°42 | 17°37 | 9°50 | 19°39 | 8°22 | 7°36 | 27°24 | 28°41 | 21°45 | 13° 1 | W18 |
| T 19 | 15 45 47 | 27°57'01 | 10♈52 | 9°D40 | 3°27 | 25°33 | 17°34 | 9°58 | 19°37 | 8°23 | 7°37 | 27°20 | 28°38 | 21°51 | 13° 4 | T 19 |
| F 20 | 15 49 44 | 28°54'58 | 23°19 | 9°42 | 4°41 | 25°24 | 17°31 | 10° 5 | 19°36 | 8°24 | 7°38 | 27°16 | 28°35 | 21°58 | 13° 7 | F 20 |
| S 21 | 15 53 40 | 29°52'55 | 5♉35 | 9°48 | 5°55 | 25°15 | 17°29 | 10°12 | 19°35 | 8°25 | 7°39 | 27°11 | 28°32 | 22° 5 | 13°10 | S 21 |
| S 22 | 15 57 37 | 0♊50'50 | 17°42 | 10° 0 | 7° 8 | 25° 4 | 17°25 | 10°20 | 19°34 | 8°26 | 7°40 | 27° 7 | 28°29 | 22°11 | 13°13 | S 22 |
| M23 | 16 1 33 | 1°48'44 | 29°40 | 10°15 | 8°22 | 24°53 | 17°22 | 10°27 | 19°32 | 8°27 | 7°41 | 27° 3 | 28°26 | 22°18 | 13°15 | M23 |
| T 24 | 16 5 30 | 2°46'36 | 11♊32 | 10°35 | 9°36 | 24°41 | 17°19 | 10°34 | 19°31 | 8°28 | 7°43 | 27° 1 | 28°22 | 22°25 | 13°18 | T 24 |
| W25 | 16 9 26 | 3°44'27 | 23°20 | 10°59 | 10°50 | 24°28 | 17°15 | 10°42 | 19°30 | 8°29 | 7°44 | 27°D 0 | 28°19 | 22°31 | 13°21 | W25 |
| T 26 | 16 13 23 | 4°42'16 | 5♋ 7 | 11°28 | 12° 4 | 24°15 | 17°12 | 10°49 | 19°28 | 8°31 | 7°45 | 27° 0 | 28°16 | 22°38 | 13°23 | T 26 |
| F 27 | 16 17 19 | 5°40'04 | 16°55 | 12° 1 | 13°18 | 24° 1 | 17° 8 | 10°56 | 19°27 | 8°32 | 7°46 | 27° 1 | 28°13 | 22°45 | 13°26 | F 27 |
| S 28 | 16 21 16 | 6°37'51 | 28°47 | 12°37 | 14°31 | 23°46 | 17° 4 | 11° 3 | 19°25 | 8°33 | 7°48 | 27° 3 | 28°10 | 22°51 | 13°29 | S 28 |
| S 29 | 16 25 13 | 7°35'35 | 10♌48 | 13°18 | 15°45 | 23°31 | 16°59 | 11°10 | 19°24 | 8°34 | 7°49 | 27° 5 | 28° 7 | 22°58 | 13°31 | S 29 |
| M30 | 16 29 9 | 8°33'19 | 23° 2 | 14° 2 | 16°59 | 23°15 | 16°55 | 11°18 | 19°22 | 8°35 | 7°50 | 27° 6 | 28° 3 | 23° 5 | 13°34 | M30 |
| T 31 | 16 33 6 | 9♊31'00 | 5♍32 | 14♉50 | 18♊13 | 22♐59 | 16♑50 | 11♉25 | 19♑20 | 8♌37 | 7♋52 | 27°R 6 | 28♊ 0 | 23♊11 | 13♈36 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14n56 | 22n28 | 2n54 | 19n 6 | 1n59 | 14n20 | 0s53 | 23s45 | 0s26 | 22s 2 | 0n10 | 11n58 | 2s12 | 22s19 | 0s24 | 18n 0 | 0s11 | 17n59 | 5s13 | 23n22 | 23n23 | 22n 8 | 6n56 | 2n20 |
| M 2 | 15 14 | 20 3 | 3 45 | 18 45 | 1 46 | 14 44 | 0 51 | 23 48 | 0 28 | 22 2 | 0 10 | 12 0 | 2 12 | 22 20 | 0 24 | 18 0 | 0 11 | 17 59 | 5 13 | 23 22 | 23 23 | 22 9 | 6 58 | 2 20 |
| T 3 | 15 32 | 16 40 | 4 25 | 18 22 | 1 32 | 15 9 | 0 49 | 23 51 | 0 31 | 22 2 | 0 10 | 12 3 | 2 12 | 22 20 | 0 25 | 18 0 | 0 11 | 17 59 | 5 13 | 23 22 | 23 23 | 22 11 | 6 59 | 2 20 |
| W 4 | 15 50 | 12 24 | 4 54 | 17 57 | 1 17 | 15 32 | 0 47 | 23 53 | 0 33 | 22 2 | 0 10 | 12 5 | 2 12 | 22 20 | 0 25 | 18 0 | 0 11 | 17 59 | 5 13 | 23 22 | 23 23 | 22 12 | 7 0 | 2 20 |
| T 5 | 16 7 | 7 25 | 5 9 | 17 31 | 1 1 | 15 56 | 0 45 | 23 56 | 0 36 | 22 2 | 0 10 | 12 8 | 2 12 | 22 20 | 0 25 | 18 0 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 13 | 7 1 | 2 20 |
| F 6 | 16 24 | 1 54 | 5 6 | 17 3 | 0 44 | 16 18 | 0 43 | 23 59 | 0 39 | 22 2 | 0 10 | 12 10 | 2 12 | 22 20 | 0 25 | 17 59 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 15 | 7 3 | 2 20 |
| S 7 | 16 41 | 3s54 | 4 44 | 16 36 | 0 27 | 16 41 | 0 41 | 24 2 | 0 42 | 22 2 | 0 10 | 12 12 | 2 12 | 22 20 | 0 25 | 17 59 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 16 | 7 4 | 2 20 |
| S 8 | 16 58 | 9 39 | 4 3 | 16 7 | 0 10 | 17 3 | 0 39 | 24 4 | 0 44 | 22 2 | 0 10 | 12 15 | 2 12 | 22 20 | 0 25 | 17 59 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 17 | 7 5 | 2 20 |
| M 9 | 17 14 | 14 57 | 3 6 | 15 39 | 0s 8 | 17 25 | 0 36 | 24 7 | 0 47 | 22 2 | 0 10 | 12 17 | 2 12 | 22 20 | 0 25 | 17 59 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 19 | 7 6 | 2 20 |
| T 10 | 17 30 | 19 22 | 1 55 | 15 12 | 0 25 | 17 46 | 0 34 | 24 10 | 0 50 | 22 3 | 0 9 | 12 20 | 2 12 | 22 20 | 0 25 | 17 59 | 0 11 | 17 59 | 5 12 | 23 22 | 23 23 | 22 20 | 7 8 | 2 20 |
| W11 | 17 45 | 22 29 | 0 35 | 14 45 | 0 42 | 18 7 | 0 32 | 24 13 | 0 53 | 22 3 | 0 9 | 12 22 | 2 12 | 22 21 | 0 25 | 17 59 | 0 11 | 18 0 | 5 12 | 23 22 | 23 23 | 22 21 | 7 9 | 2 20 |
| T 12 | 18 1 | 24 1 | 0s45 | 14 20 | 0 59 | 18 27 | 0 30 | 24 16 | 0 56 | 22 3 | 0 9 | 12 24 | 2 12 | 22 21 | 0 25 | 17 59 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 23 | 7 10 | 2 20 |
| F 13 | 18 16 | 23 52 | 2 2 | 13 56 | 1 15 | 18 47 | 0 28 | 24 19 | 0 59 | 22 3 | 0 9 | 12 27 | 2 12 | 22 21 | 0 25 | 17 58 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 24 | 7 11 | 2 20 |
| S 14 | 18 31 | 22 8 | 3 9 | 13 33 | 1 31 | 19 6 | 0 25 | 24 22 | 1 2 | 22 4 | 0 9 | 12 29 | 2 12 | 22 21 | 0 25 | 17 58 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 25 | 7 13 | 2 20 |
| S 15 | 18 45 | 19 7 | 4 3 | 13 13 | 1 45 | 19 25 | 0 23 | 24 25 | 1 5 | 22 4 | 0 9 | 12 31 | 2 12 | 22 21 | 0 25 | 17 58 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 27 | 7 14 | 2 20 |
| M16 | 18 59 | 15 8 | 4 43 | 12 54 | 2 0 | 19 43 | 0 21 | 24 28 | 1 9 | 22 4 | 0 9 | 12 34 | 2 12 | 22 21 | 0 25 | 17 58 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 28 | 7 15 | 2 20 |
| T 17 | 19 13 | 10 30 | 5 6 | 12 38 | 2 13 | 20 1 | 0 18 | 24 31 | 1 12 | 22 5 | 0 9 | 12 36 | 2 12 | 22 22 | 0 25 | 17 58 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 29 | 7 16 | 2 20 |
| W18 | 19 26 | 5 30 | 5 13 | 12 24 | 2 25 | 20 18 | 0 16 | 24 34 | 1 15 | 22 5 | 0 9 | 12 38 | 2 12 | 22 22 | 0 25 | 17 57 | 0 11 | 18 0 | 5 11 | 23 22 | 23 23 | 22 30 | 7 17 | 2 20 |
| T 19 | 19 40 | 0 23 | 5 4 | 12 12 | 2 36 | 20 34 | 0 14 | 24 37 | 1 18 | 22 6 | 0 9 | 12 41 | 2 12 | 22 22 | 0 25 | 17 57 | 0 11 | 18 0 | 5 10 | 23 22 | 23 23 | 22 32 | 7 18 | 2 20 |
| F 20 | 19 52 | 4n41 | 4 41 | 12 3 | 2 46 | 20 50 | 0 11 | 24 40 | 1 22 | 22 6 | 0 8 | 12 43 | 2 12 | 22 22 | 0 25 | 17 57 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 33 | 7 19 | 2 20 |
| S 21 | 20 5 | 9 29 | 4 6 | 11 57 | 2 56 | 21 6 | 0 9 | 24 43 | 1 25 | 22 7 | 0 8 | 12 45 | 2 12 | 22 22 | 0 25 | 17 57 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 34 | 7 21 | 2 20 |
| S 22 | 20 17 | 13 52 | 3 20 | 11 52 | 3 4 | 21 21 | 0 7 | 24 46 | 1 28 | 22 7 | 0 8 | 12 47 | 2 12 | 22 23 | 0 25 | 17 56 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 36 | 7 22 | 2 20 |
| M23 | 20 29 | 17 40 | 2 25 | 11 50 | 3 11 | 21 35 | 0 4 | 24 49 | 1 32 | 22 8 | 0 8 | 12 49 | 2 13 | 22 23 | 0 25 | 17 56 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 37 | 7 23 | 2 20 |
| T 24 | 20 40 | 20 44 | 1 24 | 11 50 | 3 17 | 21 49 | 0 2 | 24 52 | 1 35 | 22 8 | 0 8 | 12 52 | 2 13 | 22 23 | 0 25 | 17 56 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 38 | 7 24 | 2 20 |
| W25 | 20 51 | 22 53 | 0 20 | 11 53 | 3 23 | 22 2 | 0n 1 | 24 55 | 1 39 | 22 9 | 0 8 | 12 54 | 2 13 | 22 23 | 0 25 | 17 55 | 0 11 | 18 0 | 5 10 | 23 21 | 23 23 | 22 39 | 7 25 | 2 21 |
| T 26 | 21 2 | 24 2 | 0n45 | 11 57 | 3 27 | 22 14 | 0 3 | 24 58 | 1 42 | 22 9 | 0 8 | 12 56 | 2 13 | 22 23 | 0 25 | 17 55 | 0 11 | 18 0 | 5 10 | 23 21 | 23 22 | 22 41 | 7 26 | 2 21 |
| F 27 | 21 12 | 24 6 | 1 48 | 12 4 | 3 30 | 22 26 | 0 5 | 25 1 | 1 46 | 22 10 | 0 8 | 12 58 | 2 13 | 22 24 | 0 25 | 17 55 | 0 11 | 18 1 | 5 10 | 23 21 | 23 22 | 22 42 | 7 27 | 2 21 |
| S 28 | 21 22 | 23 5 | 2 47 | 12 12 | 3 33 | 22 37 | 0 8 | 25 4 | 1 49 | 22 10 | 0 8 | 13 0 | 2 13 | 22 24 | 0 25 | 17 55 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 43 | 7 28 | 2 21 |
| S 29 | 21 32 | 21 0 | 3 39 | 12 23 | 3 35 | 22 48 | 0 10 | 25 6 | 1 53 | 22 11 | 0 7 | 13 2 | 2 13 | 22 24 | 0 25 | 17 54 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 44 | 7 29 | 2 21 |
| M30 | 21 41 | 17 56 | 4 22 | 12 35 | 3 36 | 22 58 | 0 13 | 25 9 | 1 56 | 22 12 | 0 7 | 13 5 | 2 13 | 22 24 | 0 25 | 17 54 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 45 | 7 30 | 2 21 |
| T 31 | 21n50 | 14n 1 | 4n55 | 12n49 | 3s36 | 23n 7 | 0n15 | 25s12 | 2s 0 | 22s12 | 0n 7 | 13n 7 | 2s13 | 22s25 | 0s25 | 17n54 | 0s11 | 18n 1 | 5s 9 | 23n21 | 23n22 | 22n47 | 7n31 | 2n21 |

Julian Day Number = 2601779.5, Delta T = 09m11s
Ecliptic obliquity = 23°23'09, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'27, Lahiri = 29°36'29


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## JUNE 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 37 2 | 10♊28'40 | 18♍24 | 15♉41 | 19♊26 | 22°R42 | 16°R46 | 11♉32 | 19°R19 | 8♑38 | 7♋53 | 27°R 6 | 27♊57 | 23♊18 | 13♈38 | W 1 |
| T 2 | 16 40 59 | 11°26'19 | 1♎41 | 16°36 | 20°40 | 22♐25 | 16♏41 | 11°39 | 19♏17 | 8°39 | 7°54 | 27♊ 5 | 27°54 | 23°25 | 13°41 | T 2 |
| F 3 | 16 44 55 | 12°23'56 | 15°24 | 17°34 | 21°54 | 22° 7 | 16°36 | 11°46 | 19°15 | 8°41 | 7°56 | 27° 4 | 27°51 | 23°31 | 13°43 | F 3 |
| S 4 | 16 48 52 | 13°21'31 | 29°35 | 18°36 | 23° 8 | 21°49 | 16°31 | 11°53 | 19°13 | 8°42 | 7°57 | 27° 2 | 27°47 | 23°38 | 13°45 | S 4 |
| S 5 | 16 52 48 | 14°19'06 | 14♏11 | 19°40 | 24°21 | 21°30 | 16°25 | 11°59 | 19°12 | 8°44 | 7°58 | 27° 1 | 27°44 | 23°44 | 13°47 | S 5 |
| M 6 | 16 56 45 | 15°16'39 | 29° 7 | 20°48 | 25°35 | 21°11 | 16°20 | 12° 6 | 19°10 | 8°45 | 8° 0 | 27° 0 | 27°41 | 23°51 | 13°50 | M 6 |
| T 7 | 17 0 42 | 16°14'11 | 14♐16 | 21°58 | 26°49 | 20°52 | 16°14 | 12°13 | 19° 8 | 8°47 | 8° 1 | 26°59 | 27°38 | 23°58 | 13°52 | T 7 |
| W 8 | 17 4 38 | 17°11'42 | 29°28 | 23°12 | 28° 2 | 20°32 | 16° 9 | 12°20 | 19° 6 | 8°48 | 8° 2 | 26°D59 | 27°35 | 24° 4 | 13°54 | W 8 |
| T 9 | 17 8 35 | 18° 9'11 | 14♑34 | 24°28 | 29°16 | 20°12 | 16° 3 | 12°27 | 19° 4 | 8°50 | 8° 4 | 26°59 | 27°32 | 24°11 | 13°56 | T 9 |
| F 10 | 17 12 31 | 19° 6'40 | 29°25 | 25°48 | 0♋29 | 19°52 | 15°57 | 12°33 | 19° 2 | 8°51 | 8° 5 | 26°59 | 27°28 | 24°18 | 13°58 | F 10 |
| S 11 | 17 16 28 | 20° 4'09 | 13♒55 | 27°10 | 1°43 | 19°32 | 15°51 | 12°40 | 19° 0 | 8°53 | 8° 6 | 27° 0 | 27°25 | 24°24 | 14° 0 | S 11 |
| S 12 | 17 20 24 | 21° 1'36 | 28° 1 | 28°35 | 2°57 | 19°12 | 15°45 | 12°46 | 18°58 | 8°54 | 8° 8 | 27° 1 | 27°22 | 24°31 | 14° 2 | S 12 |
| M13 | 17 24 21 | 21°59'03 | 11♓42 | 0♊ 2 | 4°10 | 18°52 | 15°38 | 12°53 | 18°56 | 8°56 | 8° 9 | 27° 1 | 27°19 | 24°38 | 14° 4 | M13 |
| T 14 | 17 28 17 | 22°56'29 | 24°57 | 1°33 | 5°24 | 18°31 | 15°32 | 12°59 | 18°54 | 8°58 | 8°11 | 27°R 1 | 27°16 | 24°44 | 14° 5 | T 14 |
| W15 | 17 32 14 | 23°53'54 | 7♈50 | 3° 6 | 6°37 | 18°11 | 15°25 | 13° 6 | 18°52 | 8°59 | 8°12 | 27° 1 | 27°13 | 24°51 | 14° 7 | W15 |
| T 16 | 17 36 11 | 24°51'19 | 20°24 | 4°42 | 7°51 | 17°51 | 15°19 | 13°12 | 18°50 | 9° 1 | 8°13 | 27° 1 | 27° 9 | 24°58 | 14° 9 | T 16 |
| F 17 | 17 40 7 | 25°48'43 | 2♉42 | 6°20 | 9° 5 | 17°31 | 15°12 | 13°19 | 18°47 | 9° 3 | 8°15 | 27° 1 | 27° 6 | 25° 4 | 14°11 | F 17 |
| S 18 | 17 44 4 | 26°46'07 | 14°47 | 8° 2 | 10°18 | 17°11 | 15° 5 | 13°25 | 18°45 | 9° 4 | 8°16 | 27°D 0 | 27° 3 | 25°11 | 14°12 | S 18 |
| S 19 | 17 48 0 | 27°43'30 | 26°44 | 9°46 | 11°32 | 16°51 | 14°58 | 13°31 | 18°43 | 9° 6 | 8°18 | 27° 1 | 27° 0 | 25°17 | 14°14 | S 19 |
| M20 | 17 51 57 | 28°40'53 | 8♊35 | 11°32 | 12°45 | 16°31 | 14°51 | 13°37 | 18°41 | 9° 8 | 8°19 | 27° 1 | 26°57 | 25°24 | 14°15 | M20 |
| T 21 | 17 55 53 | 29°38'15 | 20°22 | 13°21 | 13°59 | 16°12 | 14°44 | 13°43 | 18°39 | 9°10 | 8°21 | 27° 1 | 26°53 | 25°31 | 14°17 | T 21 |
| W22 | 17 59 50 | 0♋35'37 | 2♋ 9 | 15°13 | 15°12 | 15°53 | 14°37 | 13°50 | 18°36 | 9°12 | 8°22 | 27°R 1 | 26°50 | 25°37 | 14°18 | W22 |
| T 23 | 18 3 46 | 1°32'57 | 13°58 | 17° 7 | 16°26 | 15°35 | 14°29 | 13°56 | 18°34 | 9°13 | 8°24 | 27° 1 | 26°47 | 25°44 | 14°20 | T 23 |
| F 24 | 18 7 43 | 2°30'18 | 25°50 | 19° 3 | 17°39 | 15°17 | 14°22 | 14° 2 | 18°32 | 9°15 | 8°25 | 27° 0 | 26°44 | 25°51 | 14°21 | F 24 |
| S 25 | 18 11 40 | 3°27'37 | 7♌49 | 21° 2 | 18°53 | 14°59 | 14°15 | 14° 7 | 18°30 | 9°17 | 8°26 | 26°59 | 26°41 | 25°57 | 14°22 | S 25 |
| S 26 | 18 15 36 | 4°24'56 | 19°56 | 23° 3 | 20° 6 | 14°42 | 14° 7 | 14°13 | 18°27 | 9°19 | 8°28 | 26°58 | 26°38 | 26° 4 | 14°23 | S 26 |
| M27 | 18 19 33 | 5°22'14 | 2♍16 | 25° 6 | 21°19 | 14°26 | 14° 0 | 14°19 | 18°25 | 9°21 | 8°29 | 26°57 | 26°34 | 26°11 | 14°25 | M27 |
| T 28 | 18 23 29 | 6°19'31 | 14°50 | 27°11 | 22°33 | 14°10 | 13°52 | 14°25 | 18°23 | 9°23 | 8°31 | 26°57 | 26°31 | 26°17 | 14°26 | T 28 |
| W29 | 18 27 26 | 7°16'48 | 27°42 | 29°18 | 23°46 | 13°55 | 13°45 | 14°30 | 18°20 | 9°25 | 8°32 | 26°56 | 26°28 | 26°24 | 14°27 | W29 |
| T 30 | 18 31 22 | 8♋14'03 | 10♎54 | 1♋26 | 25♋ 0 | 13♐40 | 13♏37 | 14♑36 | 18♏18 | 9♑27 | 8♋34 | 26°D56 | 26♊25 | 26♊31 | 14♈28 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21n58 | 9n23 | 5n13 | 13n 4 | 3s35 | 23n15 | 0n18 | 25s14 | 2s 3 | 22s13 | 0n 7 | 13n 9 | 2s13 | 22s25 | 0s25 | 17n53 | 0s11 | 18n 1 | 5s 9 | 23n21 | 23n22 | 22n48 | 7n32 | 2n21 |
| T 2 | 22 6 | 4 10 | 5 16 | 13 21 | 3 33 | 23 23 | 0 20 | 25 17 | 2 7 | 22 14 | 0 7 | 13 11 | 2 13 | 22 25 | 0 25 | 17 53 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 49 | 7 33 | 2 21 |
| F 3 | 22 14 | 1s26 | 5 1 | 13 40 | 3 31 | 23 31 | 0 22 | 25 19 | 2 10 | 22 15 | 0 7 | 13 13 | 2 13 | 22 25 | 0 25 | 17 53 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 50 | 7 34 | 2 21 |
| S 4 | 22 21 | 7 8 | 4 27 | 13 59 | 3 28 | 23 37 | 0 25 | 25 22 | 2 14 | 22 15 | 0 7 | 13 15 | 2 13 | 22 26 | 0 25 | 17 52 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 52 | 7 35 | 2 21 |
| S 5 | 22 28 | 12 38 | 3 36 | 14 20 | 3 24 | 23 43 | 0 27 | 25 24 | 2 17 | 22 16 | 0 7 | 13 17 | 2 14 | 22 26 | 0 25 | 17 52 | 0 11 | 18 1 | 5 9 | 23 21 | 23 22 | 22 53 | 7 36 | 2 21 |
| M 6 | 22 34 | 17 30 | 2 29 | 14 42 | 3 20 | 23 48 | 0 29 | 25 26 | 2 21 | 22 17 | 0 7 | 13 19 | 2 14 | 22 26 | 0 25 | 17 52 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 22 54 | 7 36 | 2 21 |
| T 7 | 22 41 | 21 18 | 1 10 | 15 5 | 3 15 | 23 53 | 0 32 | 25 28 | 2 24 | 22 18 | 0 6 | 13 21 | 2 14 | 22 27 | 0 25 | 17 51 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 22 55 | 7 37 | 2 21 |
| W 8 | 22 46 | 23 37 | 0s14 | 15 28 | 3 9 | 23 56 | 0 34 | 25 30 | 2 28 | 22 18 | 0 6 | 13 23 | 2 14 | 22 27 | 0 25 | 17 51 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 22 56 | 7 38 | 2 21 |
| T 9 | 22 52 | 24 11 | 1 36 | 15 53 | 3 3 | 23 59 | 0 36 | 25 32 | 2 31 | 22 19 | 0 6 | 13 25 | 2 14 | 22 27 | 0 25 | 17 50 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 22 57 | 7 39 | 2 21 |
| F 10 | 22 56 | 23 0 | 2 51 | 16 18 | 2 57 | 24 2 | 0 39 | 25 34 | 2 34 | 22 20 | 0 6 | 13 26 | 2 14 | 22 27 | 0 25 | 17 50 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 22 59 | 7 40 | 2 21 |
| S 11 | 23 1 | 20 19 | 3 52 | 16 44 | 2 49 | 24 3 | 0 41 | 25 35 | 2 37 | 22 21 | 0 6 | 13 28 | 2 14 | 22 28 | 0 25 | 17 50 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 23 0 | 7 41 | 2 21 |
| S 12 | 23 5 | 16 29 | 4 38 | 17 10 | 2 42 | 24 4 | 0 43 | 25 37 | 2 41 | 22 22 | 0 6 | 13 30 | 2 14 | 22 28 | 0 26 | 17 49 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 23 1 | 7 41 | 2 21 |
| M13 | 23 9 | 11 53 | 5 7 | 17 37 | 2 33 | 24 4 | 0 45 | 25 38 | 2 44 | 22 23 | 0 6 | 13 32 | 2 14 | 22 28 | 0 26 | 17 49 | 0 11 | 18 1 | 5 8 | 23 21 | 23 22 | 23 2 | 7 42 | 2 21 |
| T 14 | 23 12 | 6 52 | 5 18 | 18 4 | 2 25 | 24 4 | 0 47 | 25 40 | 2 47 | 22 24 | 0 6 | 13 34 | 2 15 | 22 29 | 0 26 | 17 48 | 0 11 | 18 1 | 5 8 | 23 21 | 23 21 | 23 3 | 7 43 | 2 21 |
| W15 | 23 15 | 1 41 | 5 12 | 18 31 | 2 15 | 24 3 | 0 49 | 25 41 | 2 50 | 22 24 | 0 5 | 13 36 | 2 15 | 22 29 | 0 26 | 17 48 | 0 11 | 18 1 | 5 8 | 23 21 | 23 21 | 23 4 | 7 44 | 2 21 |
| T 16 | 23 17 | 3n26 | 4 52 | 18 58 | 2 6 | 24 1 | 0 52 | 25 42 | 2 53 | 22 25 | 0 5 | 13 37 | 2 15 | 22 29 | 0 26 | 17 48 | 0 11 | 18 1 | 5 8 | 23 21 | 23 21 | 23 6 | 7 44 | 2 21 |
| F 17 | 23 19 | 8 20 | 4 18 | 19 25 | 1 56 | 23 58 | 0 54 | 25 43 | 2 56 | 22 26 | 0 5 | 13 39 | 2 15 | 22 30 | 0 26 | 17 47 | 0 11 | 18 1 | 5 8 | 23 21 | 23 21 | 23 7 | 7 45 | 2 21 |
| S 18 | 23 21 | 12 50 | 3 34 | 19 52 | 1 46 | 23 55 | 0 56 | 25 44 | 2 58 | 22 27 | 0 5 | 13 41 | 2 15 | 22 30 | 0 26 | 17 47 | 0 11 | 18 1 | 5 7 | 23 21 | 23 21 | 23 8 | 7 46 | 2 21 |
| S 19 | 23 22 | 16 47 | 2 41 | 20 18 | 1 35 | 23 51 | 0 58 | 25 44 | 3 1 | 22 28 | 0 5 | 13 43 | 2 15 | 22 30 | 0 26 | 17 46 | 0 11 | 18 1 | 5 7 | 23 21 | 23 21 | 23 9 | 7 46 | 2 22 |
| M20 | 23 23 | 20 2 | 1 41 | 20 43 | 1 24 | 23 46 | 1 0 | 25 45 | 3 4 | 22 29 | 0 5 | 13 44 | 2 15 | 22 31 | 0 26 | 17 46 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 10 | 7 47 | 2 22 |
| T 21 | 23 23 | 22 25 | 0 37 | 21 8 | 1 13 | 23 40 | 1 2 | 25 46 | 3 6 | 22 30 | 0 5 | 13 46 | 2 15 | 22 31 | 0 26 | 17 45 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 11 | 7 48 | 2 22 |
| W22 | 23 23 | 23 51 | 0n29 | 21 32 | 1 2 | 23 34 | 1 3 | 25 46 | 3 9 | 22 31 | 0 5 | 13 48 | 2 16 | 22 31 | 0 26 | 17 45 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 12 | 7 48 | 2 22 |
| T 23 | 23 23 | 24 12 | 1 33 | 21 55 | 0 51 | 23 28 | 1 5 | 25 46 | 3 11 | 22 32 | 0 4 | 13 49 | 2 16 | 22 32 | 0 26 | 17 44 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 13 | 7 49 | 2 22 |
| F 24 | 23 22 | 23 27 | 2 33 | 22 17 | 0 39 | 23 20 | 1 7 | 25 47 | 3 13 | 22 33 | 0 4 | 13 51 | 2 16 | 22 32 | 0 26 | 17 44 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 14 | 7 49 | 2 22 |
| S 25 | 23 20 | 21 37 | 3 28 | 22 37 | 0 28 | 23 12 | 1 9 | 25 47 | 3 16 | 22 33 | 0 4 | 13 53 | 2 16 | 22 32 | 0 26 | 17 43 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 16 | 7 50 | 2 22 |
| S 26 | 23 19 | 18 48 | 4 14 | 22 56 | 0 17 | 23 3 | 1 11 | 25 47 | 3 18 | 22 34 | 0 4 | 13 54 | 2 16 | 22 33 | 0 26 | 17 43 | 0 10 | 18 1 | 5 7 | 23 21 | 23 21 | 23 17 | 7 51 | 2 22 |
| M27 | 23 17 | 15 8 | 4 48 | 23 12 | 0 6 | 22 53 | 1 12 | 25 47 | 3 20 | 22 35 | 0 4 | 13 56 | 2 16 | 22 33 | 0 26 | 17 42 | 0 10 | 18 1 | 5 7 | 23 21 | 23 20 | 23 18 | 7 51 | 2 22 |
| T 28 | 23 14 | 10 44 | 5 10 | 23 27 | 0n 6 | 22 43 | 1 14 | 25 47 | 3 22 | 22 36 | 0 4 | 13 57 | 2 16 | 22 33 | 0 26 | 17 42 | 0 10 | 18 1 | 5 7 | 23 21 | 23 20 | 23 19 | 7 52 | 2 22 |
| W29 | 23 11 | 5 46 | 5 17 | 23 39 | 0 16 | 22 32 | 1 15 | 25 47 | 3 24 | 22 37 | 0 4 | 13 59 | 2 17 | 22 34 | 0 26 | 17 41 | 0 10 | 18 1 | 5 7 | 23 21 | 23 20 | 23 20 | 7 52 | 2 22 |
| T 30 | 23n 8 | 0n25 | 5n 8 | 23n49 | 0n27 | 22n21 | 1n17 | 25s47 | 3s25 | 22s38 | 0n 3 | 14n 0 | 2s17 | 22s34 | 0s26 | 17n41 | 0s10 | 18n 1 | 5s 7 | 23n21 | 23n20 | 23n21 | 7n52 | 2n22 |

Julian Day Number = 2601810.5, Delta T = 09m11s
Ecliptic obliquity = 23°23'09, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'31, Lahiri = 29°36'33


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## JULY 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 35 19 | 9♋11'18 | 24♎30 | 3♋35 | 26♋13 | 13°R26 | 13°R29 | 14♉41 | 18°R15 | 9♌29 | 8♋35 | 26♊56 | 26♊22 | 26♊37 | 14♈29 | F 1 |
| S 2 | 18 39 15 | 10° 8'33 | 8♏29 | 5°45 | 27°26 | 13♐13 | 13♑22 | 14°47 | 18♑13 | 9°31 | 8°37 | 26°57 | 26°19 | 26°44 | 14°30 | S 2 |
| S 3 | 18 43 12 | 11° 5'47 | 22°53 | 7°56 | 28°40 | 13° 0 | 13°14 | 14°52 | 18°11 | 9°33 | 8°38 | 26°58 | 26°15 | 26°51 | 14°31 | S 3 |
| M 4 | 18 47 9 | 12° 3'00 | 7♐37 | 10° 7 | 29°53 | 12°49 | 13° 6 | 14°58 | 18° 8 | 9°35 | 8°40 | 26°59 | 26°12 | 26°57 | 14°31 | M 4 |
| T 5 | 18 51 5 | 13° 0'13 | 22°37 | 12°19 | 1♌ 6 | 12°38 | 12°59 | 15° 3 | 18° 6 | 9°37 | 8°41 | 26°R59 | 26° 9 | 27° 4 | 14°32 | T 5 |
| W 6 | 18 55 2 | 13°57'26 | 7♑46 | 14°30 | 2°20 | 12°27 | 12°51 | 15° 8 | 18° 3 | 9°39 | 8°42 | 26°59 | 26° 6 | 27°10 | 14°33 | W 6 |
| T 7 | 18 58 58 | 14°54'39 | 22°53 | 16°40 | 3°33 | 12°18 | 12°43 | 15°13 | 18° 1 | 9°41 | 8°44 | 26°58 | 26° 3 | 27°17 | 14°33 | T 7 |
| F 8 | 19 2 55 | 15°51'51 | 7♒51 | 18°50 | 4°46 | 12° 9 | 12°36 | 15°18 | 17°59 | 9°43 | 8°45 | 26°56 | 25°59 | 27°24 | 14°34 | F 8 |
| S 9 | 19 6 51 | 16°49'03 | 22°31 | 20°59 | 6° 0 | 12° 1 | 12°28 | 15°23 | 17°56 | 9°45 | 8°47 | 26°54 | 25°56 | 27°30 | 14°35 | S 9 |
| S 10 | 19 10 48 | 17°46'16 | 6♓47 | 23° 7 | 7°13 | 11°54 | 12°20 | 15°28 | 17°54 | 9°47 | 8°48 | 26°51 | 25°53 | 27°37 | 14°35 | S 10 |
| M11 | 19 14 45 | 18°43'28 | 20°36 | 25°14 | 8°26 | 11°48 | 12°13 | 15°33 | 17°51 | 9°49 | 8°50 | 26°49 | 25°50 | 27°44 | 14°35 | M11 |
| T 12 | 19 18 41 | 19°40'41 | 3♈57 | 27°19 | 9°39 | 11°42 | 12° 5 | 15°37 | 17°49 | 9°51 | 8°51 | 26°47 | 25°47 | 27°50 | 14°36 | T 12 |
| W13 | 19 22 38 | 20°37'53 | 16°53 | 29°22 | 10°53 | 11°38 | 11°58 | 15°42 | 17°46 | 9°53 | 8°53 | 26°D46 | 25°44 | 27°57 | 14°36 | W13 |
| T 14 | 19 26 34 | 21°35'07 | 29°26 | 1♎24 | 12° 6 | 11°34 | 11°50 | 15°47 | 17°44 | 9°55 | 8°54 | 26°47 | 25°40 | 28° 4 | 14°36 | T 14 |
| F 15 | 19 30 31 | 22°32'20 | 11♉41 | 3°24 | 13°19 | 11°31 | 11°43 | 15°51 | 17°42 | 9°58 | 8°55 | 26°48 | 25°37 | 28°10 | 14°37 | F 15 |
| S 16 | 19 34 27 | 23°29'34 | 23°42 | 5°23 | 14°32 | 11°29 | 11°35 | 15°56 | 17°39 | 10° 0 | 8°57 | 26°49 | 25°34 | 28°17 | 14°37 | S 16 |
| S 17 | 19 38 24 | 24°26'48 | 5♊34 | 7°19 | 15°45 | 11°28 | 11°28 | 16° 0 | 17°37 | 10° 2 | 8°58 | 26°51 | 25°31 | 28°24 | 14°37 | S 17 |
| M18 | 19 42 20 | 25°24'03 | 17°22 | 9°14 | 16°58 | 11°D27 | 11°21 | 16° 4 | 17°34 | 10° 4 | 9° 0 | 26°52 | 25°28 | 28°30 | 14°R37 | M18 |
| T 19 | 19 46 17 | 26°21'18 | 29° 8 | 11° 7 | 18°12 | 11°28 | 11°13 | 16° 8 | 17°32 | 10° 6 | 9° 1 | 26°R52 | 25°25 | 28°37 | 14°37 | T 19 |
| W20 | 19 50 14 | 27°18'33 | 10♋57 | 12°58 | 19°25 | 11°29 | 11° 6 | 16°12 | 17°30 | 10° 8 | 9° 3 | 26°52 | 25°21 | 28°43 | 14°37 | W20 |
| T 21 | 19 54 10 | 28°15'49 | 22°51 | 14°47 | 20°38 | 11°31 | 10°59 | 16°16 | 17°27 | 10°11 | 9° 4 | 26°49 | 25°18 | 28°50 | 14°37 | T 21 |
| F 22 | 19 58 7 | 29°13'05 | 4♌52 | 16°34 | 21°51 | 11°34 | 10°52 | 16°20 | 17°25 | 10°13 | 9° 5 | 26°45 | 25°15 | 28°57 | 14°36 | F 22 |
| S 23 | 20 2 3 | 0♌10'21 | 17° 1 | 18°19 | 23° 4 | 11°38 | 10°45 | 16°24 | 17°23 | 10°15 | 9° 7 | 26°40 | 25°12 | 29° 3 | 14°36 | S 23 |
| S 24 | 20 6 0 | 1° 7'38 | 29°22 | 20° 2 | 24°17 | 11°42 | 10°39 | 16°28 | 17°20 | 10°17 | 9° 8 | 26°34 | 25° 9 | 29°10 | 14°36 | S 24 |
| M25 | 20 9 56 | 2° 4'54 | 11♍54 | 21°44 | 25°30 | 11°48 | 10°32 | 16°32 | 17°18 | 10°19 | 9° 9 | 26°28 | 25° 5 | 29°17 | 14°36 | M25 |
| T 26 | 20 13 53 | 3° 2'11 | 24°38 | 23°23 | 26°43 | 11°54 | 10°25 | 16°35 | 17°16 | 10°22 | 9°11 | 26°23 | 25° 2 | 29°23 | 14°35 | T 26 |
| W27 | 20 17 49 | 3°59'28 | 7♎38 | 25° 1 | 27°56 | 12° 1 | 10°19 | 16°39 | 17°13 | 10°24 | 9°12 | 26°19 | 24°59 | 29°30 | 14°35 | W27 |
| T 28 | 20 21 46 | 4°56'45 | 20°53 | 26°37 | 29° 9 | 12° 8 | 10°12 | 16°42 | 17°11 | 10°26 | 9°13 | 26°16 | 24°56 | 29°37 | 14°34 | T 28 |
| F 29 | 20 25 43 | 5°54'03 | 4♏25 | 28°11 | 0♍22 | 12°17 | 10° 6 | 16°45 | 17° 9 | 10°28 | 9°15 | 26°D15 | 24°53 | 29°43 | 14°34 | F 29 |
| S 30 | 20 29 39 | 6°51'21 | 18°15 | 29°42 | 1°35 | 12°26 | 10° 0 | 16°48 | 17° 6 | 10°30 | 9°16 | 26°16 | 24°50 | 29°50 | 14°33 | S 30 |
| S 31 | 20 33 36 | 7♌48'39 | 2♐25 | 1♍12 | 2♍48 | 12♐36 | 9♑54 | 16♉52 | 17♑ 4 | 10♌33 | 9♋17 | 26♊17 | 24♊46 | 29♊57 | 14♈32 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 4 | 5s 6 | 4n41 | 23n57 | 0n37 | 22n 9 | 1n18 | 25s47 | 3s27 | 22s39 | 0n 3 | 14n 2 | 2s17 | 22s34 | 0s26 | 17n40 | 0s10 | 18n 0 | 5s 7 | 23n21 | 23n20 | 23n22 | 7n53 | 2n22 |
| S 2 | 23 0 | 10 33 | 3 58 | 24 2 | 0 46 | 21 56 | 1 20 | 25 47 | 3 29 | 22 40 | 0 3 | 14 3 | 2 17 | 22 35 | 0 26 | 17 40 | 0 10 | 18 0 | 5 7 | 23 21 | 23 20 | 23 23 | 7 53 | 2 22 |
| S 3 | 22 55 | 15 35 | 2 58 | 24 4 | 0 55 | 21 42 | 1 21 | 25 47 | 3 30 | 22 41 | 0 3 | 14 4 | 2 17 | 22 35 | 0 26 | 17 39 | 0 10 | 18 0 | 5 7 | 23 21 | 23 20 | 23 24 | 7 54 | 2 22 |
| M 4 | 22 50 | 19 48 | 1 45 | 24 4 | 1 4 | 21 28 | 1 22 | 25 47 | 3 32 | 22 42 | 0 3 | 14 6 | 2 17 | 22 35 | 0 26 | 17 39 | 0 10 | 18 0 | 5 6 | 23 21 | 23 20 | 23 25 | 7 54 | 2 22 |
| T 5 | 22 45 | 22 47 | 0 24 | 24 1 | 1 12 | 21 14 | 1 24 | 25 47 | 3 33 | 22 42 | 0 3 | 14 7 | 2 18 | 22 36 | 0 26 | 17 38 | 0 10 | 18 0 | 5 6 | 23 21 | 23 20 | 23 26 | 7 54 | 2 22 |
| W 6 | 22 39 | 24 9 | 0s59 | 23 54 | 1 19 | 20 58 | 1 25 | 25 47 | 3 34 | 22 43 | 0 3 | 14 8 | 2 18 | 22 36 | 0 26 | 17 38 | 0 10 | 18 0 | 5 6 | 23 21 | 23 20 | 23 27 | 7 55 | 2 23 |
| T 7 | 22 33 | 23 43 | 2 18 | 23 46 | 1 25 | 20 43 | 1 26 | 25 47 | 3 35 | 22 44 | 0 3 | 14 10 | 2 18 | 22 36 | 0 26 | 17 37 | 0 10 | 18 0 | 5 6 | 23 21 | 23 20 | 23 28 | 7 55 | 2 23 |
| F 8 | 22 27 | 21 36 | 3 27 | 23 34 | 1 31 | 20 26 | 1 27 | 25 46 | 3 36 | 22 45 | 0 2 | 14 11 | 2 18 | 22 37 | 0 26 | 17 37 | 0 10 | 18 0 | 5 6 | 23 21 | 23 20 | 23 29 | 7 55 | 2 23 |
| S 9 | 22 20 | 18 5 | 4 21 | 23 20 | 1 36 | 20 9 | 1 28 | 25 46 | 3 37 | 22 46 | 0 2 | 14 12 | 2 18 | 22 37 | 0 26 | 17 36 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 30 | 7 56 | 2 23 |
| S 10 | 22 13 | 13 35 | 4 56 | 23 4 | 1 41 | 19 52 | 1 29 | 25 46 | 3 38 | 22 47 | 0 2 | 14 13 | 2 19 | 22 37 | 0 26 | 17 36 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 31 | 7 56 | 2 23 |
| M11 | 22 5 | 8 31 | 5 14 | 22 45 | 1 44 | 19 34 | 1 30 | 25 46 | 3 39 | 22 48 | 0 2 | 14 15 | 2 19 | 22 38 | 0 26 | 17 35 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 32 | 7 56 | 2 23 |
| T 12 | 21 57 | 3 13 | 5 13 | 22 24 | 1 47 | 19 15 | 1 31 | 25 46 | 3 40 | 22 48 | 0 2 | 14 16 | 2 19 | 22 38 | 0 26 | 17 35 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 33 | 7 56 | 2 23 |
| W13 | 21 48 | 2n 3 | 4 56 | 22 1 | 1 49 | 18 56 | 1 31 | 25 46 | 3 41 | 22 49 | 0 2 | 14 17 | 2 19 | 22 38 | 0 26 | 17 34 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 34 | 7 56 | 2 23 |
| T 14 | 21 40 | 7 6 | 4 26 | 21 36 | 1 50 | 18 36 | 1 32 | 25 46 | 3 41 | 22 50 | 0 2 | 14 18 | 2 19 | 22 39 | 0 26 | 17 34 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 35 | 7 57 | 2 23 |
| F 15 | 21 30 | 11 45 | 3 44 | 21 9 | 1 51 | 18 16 | 1 33 | 25 47 | 3 42 | 22 51 | 0 1 | 14 19 | 2 20 | 22 39 | 0 26 | 17 33 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 36 | 7 57 | 2 23 |
| S 16 | 21 21 | 15 52 | 2 53 | 20 40 | 1 51 | 17 55 | 1 33 | 25 47 | 3 42 | 22 52 | 0 1 | 14 20 | 2 20 | 22 39 | 0 26 | 17 32 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 37 | 7 57 | 2 23 |
| S 17 | 21 11 | 19 18 | 1 55 | 20 10 | 1 50 | 17 34 | 1 34 | 25 47 | 3 43 | 22 52 | 0 1 | 14 21 | 2 20 | 22 39 | 0 26 | 17 32 | 0 10 | 18 0 | 5 6 | 23 21 | 23 19 | 23 38 | 7 57 | 2 23 |
| M18 | 21 1 | 21 55 | 0 52 | 19 39 | 1 48 | 17 12 | 1 34 | 25 47 | 3 43 | 22 53 | 0 1 | 14 22 | 2 20 | 22 40 | 0 26 | 17 31 | 0 10 | 18 0 | 5 6 | 23 21 | 23 18 | 23 39 | 7 57 | 2 23 |
| T 19 | 20 50 | 23 35 | 0n12 | 19 6 | 1 46 | 16 50 | 1 34 | 25 48 | 3 43 | 22 54 | 0 1 | 14 23 | 2 20 | 22 40 | 0 26 | 17 31 | 0 10 | 17 59 | 5 6 | 23 21 | 23 18 | 23 40 | 7 57 | 2 23 |
| W20 | 20 39 | 24 12 | 1 16 | 18 32 | 1 43 | 16 28 | 1 35 | 25 48 | 3 44 | 22 55 | 0 1 | 14 24 | 2 21 | 22 40 | 0 26 | 17 30 | 0 10 | 17 59 | 5 6 | 23 21 | 23 18 | 23 41 | 7 57 | 2 23 |
| T 21 | 20 28 | 23 43 | 2 17 | 17 58 | 1 40 | 16 5 | 1 35 | 25 49 | 3 44 | 22 55 | 0 1 | 14 25 | 2 21 | 22 41 | 0 26 | 17 30 | 0 10 | 17 59 | 5 6 | 23 21 | 23 18 | 23 42 | 7 57 | 2 23 |
| F 22 | 20 16 | 22 8 | 3 13 | 17 22 | 1 36 | 15 41 | 1 35 | 25 49 | 3 44 | 22 56 | 0 0 | 14 26 | 2 21 | 22 41 | 0 26 | 17 29 | 0 10 | 17 59 | 5 6 | 23 21 | 23 18 | 23 43 | 7 57 | 2 23 |
| S 23 | 20 4 | 19 31 | 4 0 | 16 46 | 1 32 | 15 18 | 1 35 | 25 50 | 3 44 | 22 57 | 0 0 | 14 27 | 2 21 | 22 41 | 0 26 | 17 28 | 0 10 | 17 59 | 5 6 | 23 21 | 23 18 | 23 44 | 7 57 | 2 24 |
| S 24 | 19 52 | 16 0 | 4 37 | 16 9 | 1 27 | 14 53 | 1 35 | 25 50 | 3 44 | 22 57 | 0 0 | 14 28 | 2 21 | 22 42 | 0 26 | 17 28 | 0 10 | 17 59 | 5 6 | 23 20 | 23 18 | 23 45 | 7 57 | 2 24 |
| M25 | 19 39 | 11 43 | 5 1 | 15 31 | 1 22 | 14 29 | 1 35 | 25 51 | 3 44 | 22 58 | 0 0 | 14 29 | 2 22 | 22 42 | 0 26 | 17 27 | 0 10 | 17 59 | 5 6 | 23 20 | 23 18 | 23 46 | 7 57 | 2 24 |
| T 26 | 19 26 | 6 53 | 5 11 | 14 53 | 1 16 | 14 4 | 1 35 | 25 52 | 3 44 | 22 59 | 0s 0 | 14 29 | 2 22 | 22 42 | 0 26 | 17 27 | 0 10 | 17 59 | 5 6 | 23 20 | 23 18 | 23 47 | 7 57 | 2 24 |
| W27 | 19 13 | 1 39 | 5 5 | 14 15 | 1 9 | 13 39 | 1 34 | 25 53 | 3 44 | 22 59 | 0 0 | 14 30 | 2 22 | 22 43 | 0 26 | 17 26 | 0 10 | 17 59 | 5 6 | 23 20 | 23 17 | 23 47 | 7 57 | 2 24 |
| T 28 | 18 59 | 3s45 | 4 43 | 13 36 | 1 3 | 13 13 | 1 34 | 25 54 | 3 44 | 23 0 | 0 0 | 14 31 | 2 22 | 22 43 | 0 26 | 17 25 | 0 10 | 17 59 | 5 6 | 23 20 | 23 17 | 23 48 | 7 56 | 2 24 |
| F 29 | 18 45 | 9 7 | 4 5 | 12 57 | 0 55 | 12 47 | 1 34 | 25 55 | 3 44 | 23 1 | 0 0 | 14 32 | 2 22 | 22 43 | 0 26 | 17 25 | 0 10 | 17 59 | 5 6 | 23 20 | 23 17 | 23 49 | 7 56 | 2 24 |
| S 30 | 18 31 | 14 9 | 3 12 | 12 18 | 0 48 | 12 20 | 1 33 | 25 56 | 3 43 | 23 1 | 0 1 | 14 32 | 2 23 | 22 43 | 0 26 | 17 24 | 0 10 | 17 59 | 5 6 | 23 20 | 23 17 | 23 50 | 7 56 | 2 24 |
| S 31 | 18n17 | 18s32 | 2n 6 | 11n39 | 0n40 | 11n54 | 1n33 | 25s57 | 3s43 | 23s 2 | 0s 1 | 14n33 | 2s23 | 22s44 | 0s26 | 17n24 | 0s10 | 17n58 | 5s 6 | 23n20 | 23n17 | 23n51 | 7n56 | 2n24 |

Julian Day Number = 2601840.5, Delta T = 09m11s
Ecliptic obliquity = 23°23'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'36, Lahiri = 29°36'37


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## AUGUST 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 37 32 | 8♌45'57 | 16♐51 | 2♍41 | 4♍ 1 | 12♐47 | 9°R48 | 16♉55 | 17°R 2 | 10♌35 | 9♋19 | 26♊18 | 24♊43 | 0♋ 3 | 14°R32 | M 1 |
| T 2 | 20 41 29 | 9°43'16 | 1♑33 | 4° 7 | 5°13 | 12°59 | 9♑42 | 16°58 | 17♑ 0 | 10°37 | 9°20 | 26°R18 | 24°40 | 0°10 | 14♈31 | T 2 |
| W 3 | 20 45 25 | 10°40'35 | 16°25 | 5°31 | 6°26 | 13°11 | 9°37 | 17° 0 | 16°58 | 10°39 | 9°21 | 26°17 | 24°37 | 0°17 | 14°30 | W 3 |
| T 4 | 20 49 22 | 11°37'55 | 1♒19 | 6°53 | 7°39 | 13°24 | 9°31 | 17° 3 | 16°56 | 10°42 | 9°23 | 26°13 | 24°34 | 0°23 | 14°29 | T 4 |
| F 5 | 20 53 18 | 12°35'15 | 16° 9 | 8°13 | 8°52 | 13°37 | 9°26 | 17° 6 | 16°53 | 10°44 | 9°24 | 26° 8 | 24°31 | 0°30 | 14°28 | F 5 |
| S 6 | 20 57 15 | 13°32'37 | 0♓46 | 9°31 | 10° 5 | 13°51 | 9°20 | 17° 8 | 16°51 | 10°46 | 9°25 | 26° 1 | 24°27 | 0°36 | 14°27 | S 6 |
| S 7 | 21 1 12 | 14°29'58 | 15° 2 | 10°47 | 11°17 | 14° 6 | 9°15 | 17°11 | 16°49 | 10°48 | 9°26 | 25°54 | 24°24 | 0°43 | 14°26 | S 7 |
| M 8 | 21 5 8 | 15°27'21 | 28°54 | 12° 0 | 12°30 | 14°22 | 9°10 | 17°13 | 16°47 | 10°50 | 9°28 | 25°46 | 24°21 | 0°50 | 14°25 | M 8 |
| T 9 | 21 9 5 | 16°24'45 | 12♈19 | 13°12 | 13°43 | 14°38 | 9° 6 | 17°15 | 16°45 | 10°53 | 9°29 | 25°40 | 24°18 | 0°56 | 14°24 | T 9 |
| W10 | 21 13 1 | 17°22'10 | 25°18 | 14°21 | 14°55 | 14°55 | 9° 1 | 17°17 | 16°43 | 10°55 | 9°30 | 25°36 | 24°15 | 1° 3 | 14°23 | W10 |
| T 11 | 21 16 58 | 18°19'36 | 7♉53 | 15°28 | 16° 8 | 15°12 | 8°57 | 17°19 | 16°41 | 10°57 | 9°31 | 25°34 | 24°11 | 1°10 | 14°22 | T 11 |
| F 12 | 21 20 54 | 19°17'03 | 20° 9 | 16°32 | 17°21 | 15°30 | 8°52 | 17°21 | 16°39 | 10°59 | 9°32 | 25°D33 | 24° 8 | 1°16 | 14°20 | F 12 |
| S 13 | 21 24 51 | 20°14'32 | 2♊10 | 17°33 | 18°33 | 15°49 | 8°48 | 17°23 | 16°37 | 11° 1 | 9°33 | 25°34 | 24° 5 | 1°23 | 14°19 | S 13 |
| S 14 | 21 28 47 | 21°12'02 | 14° 1 | 18°32 | 19°46 | 16° 8 | 8°44 | 17°25 | 16°36 | 11° 4 | 9°35 | 25°35 | 24° 2 | 1°30 | 14°18 | S 14 |
| M15 | 21 32 44 | 22° 9'33 | 25°48 | 19°28 | 20°58 | 16°27 | 8°40 | 17°27 | 16°34 | 11° 6 | 9°36 | 25°R35 | 23°59 | 1°36 | 14°16 | M15 |
| T 16 | 21 36 41 | 23° 7'05 | 7♋36 | 20°21 | 22°11 | 16°48 | 8°37 | 17°28 | 16°32 | 11° 8 | 9°37 | 25°34 | 23°56 | 1°43 | 14°15 | T 16 |
| W17 | 21 40 37 | 24° 4'39 | 19°29 | 21°11 | 23°23 | 17° 9 | 8°33 | 17°30 | 16°30 | 11°10 | 9°38 | 25°31 | 23°52 | 1°50 | 14°13 | W17 |
| T 18 | 21 44 34 | 25° 2'14 | 1♌30 | 21°58 | 24°36 | 17°30 | 8°30 | 17°31 | 16°29 | 11°12 | 9°39 | 25°26 | 23°49 | 1°56 | 14°12 | T 18 |
| F 19 | 21 48 30 | 25°59'50 | 13°41 | 22°41 | 25°48 | 17°52 | 8°27 | 17°32 | 16°27 | 11°15 | 9°40 | 25°19 | 23°46 | 2° 3 | 14°10 | F 19 |
| S 20 | 21 52 27 | 26°57'27 | 26° 6 | 23°20 | 27° 1 | 18°14 | 8°24 | 17°33 | 16°25 | 11°17 | 9°41 | 25° 9 | 23°43 | 2° 9 | 14° 8 | S 20 |
| S 21 | 21 56 23 | 27°55'06 | 8♍43 | 23°56 | 28°13 | 18°37 | 8°21 | 17°34 | 16°24 | 11°19 | 9°42 | 24°58 | 23°40 | 2°16 | 14° 7 | S 21 |
| M22 | 22 0 20 | 28°52'45 | 21°34 | 24°28 | 29°25 | 19° 1 | 8°18 | 17°35 | 16°22 | 11°21 | 9°43 | 24°47 | 23°37 | 2°23 | 14° 5 | M22 |
| T 23 | 22 4 16 | 29°50'26 | 4♎37 | 24°55 | 0♎38 | 19°25 | 8°16 | 17°36 | 16°20 | 11°23 | 9°44 | 24°37 | 23°33 | 2°29 | 14° 3 | T 23 |
| W24 | 22 8 13 | 0♍48'07 | 17°52 | 25°18 | 1°50 | 19°49 | 8°14 | 17°37 | 16°19 | 11°25 | 9°45 | 24°28 | 23°30 | 2°36 | 14° 1 | W24 |
| T 25 | 22 12 10 | 1°45'50 | 1♏19 | 25°36 | 3° 2 | 20°14 | 8°12 | 17°37 | 16°17 | 11°27 | 9°46 | 24°22 | 23°27 | 2°43 | 13°59 | T 25 |
| F 26 | 22 16 6 | 2°43'34 | 14°58 | 25°49 | 4°14 | 20°39 | 8°10 | 17°38 | 16°16 | 11°30 | 9°47 | 24°19 | 23°24 | 2°49 | 13°58 | F 26 |
| S 27 | 22 20 3 | 3°41'18 | 28°47 | 25°57 | 5°27 | 21° 5 | 8° 8 | 17°38 | 16°15 | 11°32 | 9°48 | 24°D18 | 23°21 | 2°56 | 13°56 | S 27 |
| S 28 | 22 23 59 | 4°39'04 | 12♐48 | 26°R 0 | 6°39 | 21°31 | 8° 7 | 17°38 | 16°13 | 11°34 | 9°49 | 24°18 | 23°17 | 3° 3 | 13°54 | S 28 |
| M29 | 22 27 56 | 5°36'52 | 27° 0 | 25°57 | 7°51 | 21°58 | 8° 6 | 17°39 | 16°12 | 11°36 | 9°50 | 24°R18 | 23°14 | 3° 9 | 13°52 | M29 |
| T 30 | 22 31 52 | 6°34'40 | 11♑22 | 25°48 | 9° 3 | 22°25 | 8° 4 | 17°R39 | 16°11 | 11°38 | 9°51 | 24°17 | 23°11 | 3°16 | 13°49 | T 30 |
| W31 | 22 35 49 | 7♍32'29 | 25♑50 | 25♍34 | 10♎15 | 22♐53 | 8♑ 4 | 17♉39 | 16♑ 9 | 11♌40 | 9♋52 | 24♊14 | 23♊ 8 | 3♋23 | 13♈47 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 18n 2 | 21s53 | 0n51 | 10n59 | 0n32 | 11n27 | 1n32 | 25s58 | 3s43 | 23s 2 | 0s 1 | 14n34 | 2s23 | 22s44 | 0s26 | 17n23 | 0s10 | 17n58 | 5s 6 | 23n20 | 23n17 | 23n52 | 7n56 | 2n24 |
| T 2 | 17 47 | 23 51 | 0s28 | 10 20 | 0 23 | 11 0 | 1 31 | 25 59 | 3 42 | 23 3 | 0 1 | 14 34 | 2 23 | 22 44 | 0 26 | 17 23 | 0 10 | 17 58 | 5 6 | 23 20 | 23 17 | 23 53 | 7 55 | 2 24 |
| W 3 | 17 31 | 24 9 | 1 47 | 9 41 | 0 14 | 10 32 | 1 31 | 26 0 | 3 42 | 23 3 | 0 1 | 14 35 | 2 24 | 22 45 | 0 26 | 17 22 | 0 10 | 17 58 | 5 6 | 23 20 | 23 17 | 23 54 | 7 55 | 2 24 |
| T 4 | 17 15 | 22 43 | 2 58 | 9 3 | 0 5 | 10 4 | 1 30 | 26 1 | 3 42 | 23 4 | 0 1 | 14 35 | 2 24 | 22 45 | 0 26 | 17 21 | 0 10 | 17 58 | 5 6 | 23 20 | 23 16 | 23 55 | 7 55 | 2 24 |
| F 5 | 16 59 | 19 43 | 3 57 | 8 24 | 0s 5 | 9 36 | 1 29 | 26 2 | 3 41 | 23 5 | 0 1 | 14 36 | 2 24 | 22 45 | 0 26 | 17 21 | 0 10 | 17 58 | 5 6 | 23 20 | 23 16 | 23 55 | 7 54 | 2 24 |
| S 6 | 16 43 | 15 31 | 4 39 | 7 46 | 0 14 | 9 8 | 1 28 | 26 4 | 3 41 | 23 5 | 0 2 | 14 36 | 2 24 | 22 45 | 0 26 | 17 20 | 0 10 | 17 58 | 5 6 | 23 20 | 23 16 | 23 56 | 7 54 | 2 24 |
| S 7 | 16 27 | 10 32 | 5 2 | 7 8 | 0 24 | 8 39 | 1 27 | 26 5 | 3 40 | 23 5 | 0 2 | 14 37 | 2 25 | 22 46 | 0 26 | 17 20 | 0 10 | 17 58 | 5 6 | 23 19 | 23 16 | 23 57 | 7 54 | 2 24 |
| M 8 | 16 10 | 5 8 | 5 7 | 6 31 | 0 34 | 8 10 | 1 26 | 26 6 | 3 40 | 23 6 | 0 2 | 14 37 | 2 25 | 22 46 | 0 26 | 17 19 | 0 10 | 17 58 | 5 6 | 23 19 | 23 16 | 23 58 | 7 53 | 2 24 |
| T 9 | 15 53 | 0n20 | 4 55 | 5 54 | 0 45 | 7 41 | 1 24 | 26 8 | 3 39 | 23 6 | 0 2 | 14 38 | 2 25 | 22 46 | 0 26 | 17 18 | 0 10 | 17 58 | 5 6 | 23 19 | 23 16 | 23 59 | 7 53 | 2 24 |
| W10 | 15 36 | 5 36 | 4 28 | 5 18 | 0 55 | 7 12 | 1 23 | 26 9 | 3 38 | 23 7 | 0 2 | 14 38 | 2 25 | 22 46 | 0 26 | 17 18 | 0 10 | 17 57 | 5 6 | 23 19 | 23 16 | 24 0 | 7 53 | 2 24 |
| T 11 | 15 18 | 10 30 | 3 48 | 4 42 | 1 6 | 6 43 | 1 22 | 26 10 | 3 38 | 23 7 | 0 2 | 14 38 | 2 25 | 22 47 | 0 26 | 17 17 | 0 10 | 17 57 | 5 6 | 23 19 | 23 16 | 24 0 | 7 52 | 2 24 |
| F 12 | 15 0 | 14 52 | 2 59 | 4 7 | 1 17 | 6 13 | 1 20 | 26 12 | 3 37 | 23 8 | 0 2 | 14 39 | 2 26 | 22 47 | 0 26 | 17 17 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 1 | 7 52 | 2 24 |
| S 13 | 14 42 | 18 33 | 2 3 | 3 33 | 1 28 | 5 44 | 1 19 | 26 13 | 3 36 | 23 8 | 0 2 | 14 39 | 2 26 | 22 47 | 0 26 | 17 16 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 2 | 7 51 | 2 25 |
| S 14 | 14 24 | 21 24 | 1 2 | 3 0 | 1 39 | 5 14 | 1 17 | 26 15 | 3 36 | 23 8 | 0 3 | 14 39 | 2 26 | 22 47 | 0 26 | 17 15 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 3 | 7 51 | 2 25 |
| M15 | 14 6 | 23 20 | 0n 1 | 2 28 | 1 50 | 4 44 | 1 16 | 26 16 | 3 35 | 23 9 | 0 3 | 14 39 | 2 26 | 22 47 | 0 26 | 17 15 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 4 | 7 50 | 2 25 |
| T 16 | 13 47 | 24 14 | 1 4 | 1 57 | 2 2 | 4 14 | 1 14 | 26 17 | 3 34 | 23 9 | 0 3 | 14 40 | 2 27 | 22 48 | 0 26 | 17 14 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 4 | 7 50 | 2 25 |
| W17 | 13 28 | 24 2 | 2 4 | 1 27 | 2 13 | 3 43 | 1 12 | 26 19 | 3 34 | 23 10 | 0 3 | 14 40 | 2 27 | 22 48 | 0 26 | 17 14 | 0 10 | 17 57 | 5 6 | 23 19 | 23 15 | 24 5 | 7 49 | 2 25 |
| T 18 | 13 9 | 22 42 | 3 0 | 0 58 | 2 24 | 3 13 | 1 10 | 26 20 | 3 33 | 23 10 | 0 3 | 14 40 | 2 27 | 22 48 | 0 26 | 17 13 | 0 10 | 17 57 | 5 6 | 23 18 | 23 15 | 24 6 | 7 49 | 2 25 |
| F 19 | 12 50 | 20 19 | 3 48 | 0 31 | 2 35 | 2 43 | 1 8 | 26 21 | 3 32 | 23 10 | 0 3 | 14 40 | 2 27 | 22 48 | 0 26 | 17 12 | 0 10 | 17 57 | 5 6 | 23 18 | 23 14 | 24 7 | 7 48 | 2 25 |
| S 20 | 12 30 | 16 57 | 4 26 | 0 5 | 2 46 | 2 12 | 1 6 | 26 22 | 3 31 | 23 11 | 0 3 | 14 40 | 2 28 | 22 48 | 0 26 | 17 12 | 0 10 | 17 56 | 5 6 | 23 18 | 23 14 | 24 8 | 7 47 | 2 25 |
| S 21 | 12 10 | 12 47 | 4 51 | 0s19 | 2 57 | 1 41 | 1 4 | 26 24 | 3 30 | 23 11 | 0 3 | 14 40 | 2 28 | 22 49 | 0 26 | 17 11 | 0 10 | 17 56 | 5 6 | 23 17 | 23 14 | 24 8 | 7 47 | 2 25 |
| M22 | 11 50 | 7 59 | 5 3 | 0 41 | 3 8 | 1 11 | 1 2 | 26 25 | 3 30 | 23 11 | 0 4 | 14 40 | 2 28 | 22 49 | 0 26 | 17 11 | 0 10 | 17 56 | 5 6 | 23 17 | 23 14 | 24 9 | 7 46 | 2 25 |
| T 23 | 11 30 | 2 44 | 4 59 | 1 2 | 3 19 | 0 40 | 1 0 | 26 26 | 3 29 | 23 11 | 0 4 | 14 40 | 2 28 | 22 49 | 0 26 | 17 10 | 0 10 | 17 56 | 5 6 | 23 17 | 23 14 | 24 10 | 7 45 | 2 25 |
| W24 | 11 10 | 2s42 | 4 39 | 1 20 | 3 29 | 0 9 | 0 58 | 26 27 | 3 28 | 23 12 | 0 4 | 14 40 | 2 29 | 22 49 | 0 26 | 17 10 | 0 10 | 17 56 | 5 6 | 23 16 | 23 14 | 24 11 | 7 45 | 2 25 |
| T 25 | 10 49 | 8 6 | 4 3 | 1 36 | 3 39 | 0s21 | 0 55 | 26 28 | 3 27 | 23 12 | 0 4 | 14 40 | 2 29 | 22 49 | 0 26 | 17 9 | 0 10 | 17 56 | 5 7 | 23 16 | 23 13 | 24 11 | 7 44 | 2 25 |
| F 26 | 10 29 | 13 13 | 3 13 | 1 50 | 3 48 | 0 52 | 0 53 | 26 29 | 3 26 | 23 12 | 0 4 | 14 40 | 2 29 | 22 50 | 0 26 | 17 8 | 0 10 | 17 56 | 5 7 | 23 16 | 23 13 | 24 12 | 7 43 | 2 25 |
| S 27 | 10 8 | 17 42 | 2 11 | 2 1 | 3 57 | 1 23 | 0 51 | 26 30 | 3 25 | 23 12 | 0 4 | 14 40 | 2 29 | 22 50 | 0 26 | 17 8 | 0 10 | 17 56 | 5 7 | 23 16 | 23 13 | 24 13 | 7 42 | 2 25 |
| S 28 | 9 47 | 21 17 | 1 1 | 2 10 | 4 5 | 1 54 | 0 48 | 26 31 | 3 24 | 23 13 | 0 4 | 14 40 | 2 30 | 22 50 | 0 26 | 17 7 | 0 10 | 17 56 | 5 7 | 23 16 | 23 13 | 24 13 | 7 42 | 2 25 |
| M29 | 9 26 | 23 35 | 0s14 | 2 15 | 4 12 | 2 25 | 0 46 | 26 31 | 3 23 | 23 13 | 0 4 | 14 40 | 2 30 | 22 50 | 0 26 | 17 7 | 0 10 | 17 55 | 5 7 | 23 16 | 23 13 | 24 14 | 7 41 | 2 25 |
| T 30 | 9 5 | 24 23 | 1 29 | 2 18 | 4 19 | 2 55 | 0 43 | 26 32 | 3 22 | 23 13 | 0 4 | 14 39 | 2 30 | 22 50 | 0 26 | 17 6 | 0 10 | 17 55 | 5 7 | 23 16 | 23 13 | 24 15 | 7 40 | 2 25 |
| W31 | 8n43 | 23s32 | 2s39 | 2s17 | 4s25 | 3s26 | 0n40 | 26s33 | 3s21 | 23s13 | 0s 5 | 14n39 | 2s30 | 22s50 | 0s26 | 17n 6 | 0s10 | 17n55 | 5s 7 | 23n16 | 23n13 | 24n16 | 7n39 | 2n25 |

Julian Day Number = 2601871.5, Delta T = 09m12s
Ecliptic obliquity = 23°23'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'40, Lahiri = 29°36'41


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## SEPTEMBER 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 39 45 | 8♍30'20 | 10♒22 | 25°R13 | 11♎27 | 23♐21 | 8°R 3 | 17°R39 | 16°R 8 | 11♑42 | 9♋53 | 24°R 8 | 23♊ 5 | 3♋29 | 13°R45 | T 1 |
| F 2 | 22 43 42 | 9°28'11 | 24°51 | 24♍47 | 12°39 | 23°49 | 8♑ 2 | 17♉38 | 16♑ 7 | 11°44 | 9°53 | 24♊ 0 | 23° 2 | 3°36 | 13♈43 | F 2 |
| S 3 | 22 47 39 | 10°26'04 | 9♓11 | 24°15 | 13°51 | 24°18 | 8° 2 | 17°38 | 16° 6 | 11°46 | 9°54 | 23°49 | 22°58 | 3°43 | 13°41 | S 3 |
| S 4 | 22 51 35 | 11°23'59 | 23°16 | 23°37 | 15° 3 | 24°47 | 8°D 2 | 17°37 | 16° 5 | 11°48 | 9°55 | 23°38 | 22°55 | 3°49 | 13°39 | S 4 |
| M 5 | 22 55 32 | 12°21'55 | 7♈ 1 | 22°54 | 16°15 | 25°16 | 8° 2 | 17°37 | 16° 4 | 11°50 | 9°56 | 23°27 | 22°52 | 3°56 | 13°36 | M 5 |
| T 6 | 22 59 28 | 13°19'53 | 20°22 | 22° 7 | 17°27 | 25°46 | 8° 2 | 17°36 | 16° 3 | 11°52 | 9°57 | 23°17 | 22°49 | 4° 2 | 13°34 | T 6 |
| W 7 | 23 3 25 | 14°17'52 | 3♉19 | 21°16 | 18°38 | 26°16 | 8° 2 | 17°35 | 16° 2 | 11°54 | 9°57 | 23° 9 | 22°46 | 4° 9 | 13°32 | W 7 |
| T 8 | 23 7 21 | 15°15'54 | 15°55 | 20°21 | 19°50 | 26°46 | 8° 3 | 17°35 | 16° 1 | 11°56 | 9°58 | 23° 4 | 22°42 | 4°16 | 13°29 | T 8 |
| F 9 | 23 11 18 | 16°13'57 | 28°11 | 19°25 | 21° 2 | 27°17 | 8° 4 | 17°34 | 16° 0 | 11°58 | 9°59 | 23° 1 | 22°39 | 4°22 | 13°27 | F 9 |
| S 10 | 23 15 14 | 17°12'02 | 10♊12 | 18°27 | 22°13 | 27°48 | 8° 5 | 17°33 | 16° 0 | 12° 0 | 9°59 | 23° 0 | 22°36 | 4°29 | 13°24 | S 10 |
| S 11 | 23 19 11 | 18°10'10 | 22° 4 | 17°30 | 23°25 | 28°20 | 8° 6 | 17°31 | 15°59 | 12° 2 | 10° 0 | 23° 0 | 22°33 | 4°36 | 13°22 | S 11 |
| M12 | 23 23 7 | 19° 8'19 | 3♋52 | 16°34 | 24°37 | 28°52 | 8° 7 | 17°30 | 15°58 | 12° 3 | 10° 1 | 22°59 | 22°30 | 4°42 | 13°19 | M12 |
| T 13 | 23 27 4 | 20° 6'30 | 15°42 | 15°41 | 25°48 | 29°24 | 8° 9 | 17°29 | 15°58 | 12° 5 | 10° 1 | 22°58 | 22°27 | 4°49 | 13°17 | T 13 |
| W14 | 23 31 1 | 21° 4'43 | 27°38 | 14°51 | 27° 0 | 29°56 | 8°11 | 17°27 | 15°57 | 12° 7 | 10° 2 | 22°54 | 22°23 | 4°56 | 13°14 | W14 |
| T 15 | 23 34 57 | 22° 2'58 | 9♌45 | 14° 7 | 28°11 | 0♑29 | 8°13 | 17°26 | 15°57 | 12° 9 | 10° 3 | 22°48 | 22°20 | 5° 2 | 13°12 | T 15 |
| F 16 | 23 38 54 | 23° 1'15 | 22° 7 | 13°29 | 29°23 | 1° 2 | 8°15 | 17°24 | 15°56 | 12°11 | 10° 3 | 22°39 | 22°17 | 5° 9 | 13° 9 | F 16 |
| S 17 | 23 42 50 | 23°59'33 | 4♍44 | 12°58 | 0♏34 | 1°35 | 8°17 | 17°22 | 15°56 | 12°12 | 10° 4 | 22°28 | 22°14 | 5°16 | 13° 6 | S 17 |
| S 18 | 23 46 47 | 24°57'54 | 17°39 | 12°36 | 1°45 | 2° 9 | 8°19 | 17°20 | 15°55 | 12°14 | 10° 4 | 22°15 | 22°11 | 5°22 | 13° 4 | S 18 |
| M19 | 23 50 43 | 25°56'16 | 0♎51 | 12°21 | 2°57 | 2°43 | 8°22 | 17°18 | 15°55 | 12°16 | 10° 5 | 22° 2 | 22° 8 | 5°29 | 13° 1 | M19 |
| T 20 | 23 54 40 | 26°54'40 | 14°18 | 12°D16 | 4° 8 | 3°17 | 8°25 | 17°16 | 15°55 | 12°18 | 10° 5 | 21°50 | 22° 4 | 5°36 | 12°58 | T 20 |
| W21 | 23 58 36 | 27°53'06 | 27°56 | 12°20 | 5°19 | 3°52 | 8°28 | 17°14 | 15°54 | 12°19 | 10° 6 | 21°40 | 22° 1 | 5°42 | 12°56 | W21 |
| T 22 | 0 2 33 | 28°51'34 | 11♏45 | 12°33 | 6°30 | 4°26 | 8°31 | 17°12 | 15°54 | 12°21 | 10° 6 | 21°33 | 21°58 | 5°49 | 12°53 | T 22 |
| F 23 | 0 6 30 | 29°50'03 | 25°40 | 12°56 | 7°41 | 5° 1 | 8°35 | 17° 9 | 15°54 | 12°23 | 10° 6 | 21°29 | 21°55 | 5°55 | 12°50 | F 23 |
| S 24 | 0 10 26 | 0♎48'34 | 9♐40 | 13°28 | 8°52 | 5°36 | 8°38 | 17° 7 | 15°54 | 12°24 | 10° 7 | 21°27 | 21°52 | 6° 2 | 12°48 | S 24 |
| S 25 | 0 14 23 | 1°47'07 | 23°43 | 14° 8 | 10° 3 | 6°12 | 8°42 | 17° 4 | 15°D54 | 12°26 | 10° 7 | 21°27 | 21°48 | 6° 9 | 12°45 | S 25 |
| M26 | 0 18 19 | 2°45'41 | 7♑50 | 14°57 | 11°14 | 6°48 | 8°46 | 17° 1 | 15°54 | 12°27 | 10° 8 | 21°27 | 21°45 | 6°15 | 12°42 | M26 |
| T 27 | 0 22 16 | 3°44'17 | 21°58 | 15°54 | 12°25 | 7°24 | 8°50 | 16°59 | 15°54 | 12°29 | 10° 8 | 21°26 | 21°42 | 6°22 | 12°39 | T 27 |
| W28 | 0 26 12 | 4°42'54 | 6♒ 7 | 16°58 | 13°36 | 8° 0 | 8°54 | 16°56 | 15°54 | 12°30 | 10° 8 | 21°22 | 21°39 | 6°29 | 12°36 | W28 |
| T 29 | 0 30 9 | 5°41'33 | 20°14 | 18° 9 | 14°47 | 8°36 | 8°59 | 16°53 | 15°54 | 12°32 | 10° 8 | 21°17 | 21°36 | 6°35 | 12°34 | T 29 |
| F 30 | 0 34 5 | 6♎40'13 | 4♓17 | 19♍26 | 15♏58 | 9♑13 | 9♑ 3 | 16♉50 | 15♑54 | 12♌33 | 10♋ 9 | 21♊ 8 | 21♊33 | 6♋42 | 12♈31 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n22 | 21s 6 | 3s39 | 2s13 | 4s29 | 3s57 | 0n38 | 26s33 | 3s20 | 23s13 | 0s 5 | 14n39 | 2s30 | 22s50 | 0s26 | 17n 5 | 0s10 | 17n55 | 5s 7 | 23n15 | 23n12 | 24n16 | 7n38 | 2n25 |
| F 2 | 8 0 | 17 21 | 4 24 | 2 6 | 4 32 | 4 27 | 0 35 | 26 34 | 3 19 | 23 13 | 0 5 | 14 39 | 2 31 | 22 51 | 0 26 | 17 5 | 0 10 | 17 55 | 5 7 | 23 15 | 23 12 | 24 17 | 7 38 | 2 25 |
| S 3 | 7 38 | 12 37 | 4 52 | 1 55 | 4 34 | 4 58 | 0 32 | 26 34 | 3 18 | 23 13 | 0 5 | 14 38 | 2 31 | 22 51 | 0 26 | 17 4 | 0 10 | 17 55 | 5 7 | 23 15 | 23 12 | 24 18 | 7 37 | 2 25 |
| S 4 | 7 16 | 7 17 | 5 1 | 1 40 | 4 34 | 5 28 | 0 29 | 26 34 | 3 17 | 23 14 | 0 5 | 14 38 | 2 31 | 22 51 | 0 26 | 17 3 | 0 10 | 17 55 | 5 7 | 23 14 | 23 12 | 24 18 | 7 36 | 2 25 |
| M 5 | 6 54 | 1 43 | 4 53 | 1 22 | 4 32 | 5 58 | 0 26 | 26 34 | 3 16 | 23 14 | 0 5 | 14 38 | 2 31 | 22 51 | 0 26 | 17 3 | 0 10 | 17 55 | 5 7 | 23 13 | 23 12 | 24 19 | 7 35 | 2 25 |
| T 6 | 6 32 | 3n47 | 4 29 | 1 0 | 4 29 | 6 29 | 0 23 | 26 34 | 3 15 | 23 14 | 0 5 | 14 37 | 2 32 | 22 51 | 0 26 | 17 2 | 0 10 | 17 55 | 5 7 | 23 13 | 23 12 | 24 20 | 7 34 | 2 25 |
| W 7 | 6 10 | 8 58 | 3 51 | 0 35 | 4 24 | 6 59 | 0 20 | 26 34 | 3 14 | 23 14 | 0 5 | 14 37 | 2 32 | 22 51 | 0 26 | 17 2 | 0 10 | 17 54 | 5 7 | 23 13 | 23 11 | 24 20 | 7 33 | 2 25 |
| T 8 | 5 48 | 13 38 | 3 3 | 0 8 | 4 17 | 7 29 | 0 17 | 26 34 | 3 13 | 23 14 | 0 5 | 14 36 | 2 32 | 22 51 | 0 26 | 17 1 | 0 10 | 17 54 | 5 7 | 23 12 | 23 11 | 24 21 | 7 32 | 2 25 |
| F 9 | 5 25 | 17 38 | 2 8 | 0n23 | 4 8 | 7 58 | 0 14 | 26 34 | 3 12 | 23 14 | 0 6 | 14 36 | 2 32 | 22 51 | 0 26 | 17 1 | 0 10 | 17 54 | 5 7 | 23 12 | 23 11 | 24 22 | 7 31 | 2 25 |
| S 10 | 5 3 | 20 49 | 1 7 | 0 55 | 3 57 | 8 28 | 0 11 | 26 33 | 3 11 | 23 14 | 0 6 | 14 35 | 2 33 | 22 51 | 0 26 | 17 0 | 0 10 | 17 54 | 5 7 | 23 12 | 23 11 | 24 22 | 7 30 | 2 25 |
| S 11 | 4 40 | 23 4 | 0 5 | 1 29 | 3 44 | 8 58 | 0 7 | 26 33 | 3 10 | 23 14 | 0 6 | 14 35 | 2 33 | 22 51 | 0 26 | 17 0 | 0 10 | 17 54 | 5 7 | 23 12 | 23 11 | 24 23 | 7 29 | 2 25 |
| M12 | 4 17 | 24 17 | 0n57 | 2 4 | 3 30 | 9 27 | 0 4 | 26 32 | 3 9 | 23 14 | 0 6 | 14 34 | 2 33 | 22 51 | 0 26 | 16 59 | 0 10 | 17 54 | 5 7 | 23 12 | 23 10 | 24 24 | 7 28 | 2 25 |
| T 13 | 3 55 | 24 24 | 1 57 | 2 39 | 3 14 | 9 56 | 0 1 | 26 31 | 3 8 | 23 14 | 0 6 | 14 33 | 2 33 | 22 52 | 0 26 | 16 59 | 0 10 | 17 54 | 5 7 | 23 12 | 23 10 | 24 24 | 7 27 | 2 25 |
| W14 | 3 32 | 23 24 | 2 52 | 3 14 | 2 57 | 10 25 | 0s 2 | 26 30 | 3 7 | 23 14 | 0 6 | 14 33 | 2 33 | 22 52 | 0 26 | 16 58 | 0 10 | 17 54 | 5 8 | 23 12 | 23 10 | 24 25 | 7 26 | 2 25 |
| T 15 | 3 9 | 21 19 | 3 41 | 3 48 | 2 39 | 10 54 | 0 6 | 26 29 | 3 6 | 23 14 | 0 6 | 14 32 | 2 34 | 22 52 | 0 26 | 16 58 | 0 10 | 17 54 | 5 8 | 23 11 | 23 10 | 24 25 | 7 25 | 2 25 |
| F 16 | 2 46 | 18 12 | 4 19 | 4 20 | 2 20 | 11 22 | 0 9 | 26 27 | 3 4 | 23 14 | 0 6 | 14 32 | 2 34 | 22 52 | 0 26 | 16 57 | 0 10 | 17 54 | 5 8 | 23 11 | 23 10 | 24 26 | 7 24 | 2 25 |
| S 17 | 2 23 | 14 11 | 4 46 | 4 49 | 2 0 | 11 50 | 0 12 | 26 26 | 3 3 | 23 14 | 0 6 | 14 31 | 2 34 | 22 52 | 0 26 | 16 57 | 0 10 | 17 53 | 5 8 | 23 10 | 23 10 | 24 27 | 7 23 | 2 25 |
| S 18 | 2 0 | 9 28 | 4 59 | 5 16 | 1 41 | 12 18 | 0 16 | 26 24 | 3 2 | 23 14 | 0 6 | 14 30 | 2 34 | 22 52 | 0 26 | 16 56 | 0 10 | 17 53 | 5 8 | 23 10 | 23 9 | 24 27 | 7 22 | 2 25 |
| M19 | 1 37 | 4 12 | 4 57 | 5 39 | 1 21 | 12 46 | 0 19 | 26 23 | 3 1 | 23 14 | 0 7 | 14 29 | 2 34 | 22 52 | 0 26 | 16 56 | 0 10 | 17 53 | 5 8 | 23 9 | 23 9 | 24 28 | 7 21 | 2 25 |
| T 20 | 1 14 | 1s21 | 4 38 | 5 59 | 1 2 | 13 14 | 0 23 | 26 21 | 3 0 | 23 14 | 0 7 | 14 29 | 2 35 | 22 52 | 0 26 | 16 55 | 0 10 | 17 53 | 5 8 | 23 8 | 23 9 | 24 28 | 7 20 | 2 25 |
| W21 | 0 50 | 6 56 | 4 3 | 6 15 | 0 43 | 13 41 | 0 26 | 26 18 | 2 59 | 23 14 | 0 7 | 14 28 | 2 35 | 22 52 | 0 26 | 16 55 | 0 10 | 17 53 | 5 8 | 23 8 | 23 9 | 24 29 | 7 19 | 2 25 |
| T 22 | 0 27 | 12 15 | 3 13 | 6 27 | 0 25 | 14 8 | 0 30 | 26 16 | 2 58 | 23 14 | 0 7 | 14 27 | 2 35 | 22 52 | 0 26 | 16 54 | 0 10 | 17 53 | 5 8 | 23 7 | 23 9 | 24 30 | 7 18 | 2 25 |
| F 23 | 0 4 | 17 0 | 2 12 | 6 34 | 0 8 | 14 34 | 0 33 | 26 14 | 2 56 | 23 13 | 0 7 | 14 26 | 2 35 | 22 52 | 0 26 | 16 54 | 0 10 | 17 53 | 5 8 | 23 7 | 23 8 | 24 30 | 7 17 | 2 24 |
| S 24 | 0s19 | 20 50 | 1 2 | 6 37 | 0n 9 | 15 1 | 0 37 | 26 11 | 2 55 | 23 13 | 0 7 | 14 25 | 2 35 | 22 52 | 0 26 | 16 53 | 0 10 | 17 53 | 5 8 | 23 7 | 23 8 | 24 31 | 7 16 | 2 24 |
| S 25 | 0 43 | 23 26 | 0s12 | 6 36 | 0 24 | 15 26 | 0 41 | 26 8 | 2 54 | 23 13 | 0 7 | 14 24 | 2 36 | 22 52 | 0 26 | 16 53 | 0 10 | 17 53 | 5 8 | 23 7 | 23 8 | 24 31 | 7 14 | 2 24 |
| M26 | 1 6 | 24 35 | 1 26 | 6 30 | 0 38 | 15 52 | 0 44 | 26 5 | 2 53 | 23 13 | 0 7 | 14 23 | 2 36 | 22 52 | 0 25 | 16 53 | 0 10 | 17 53 | 5 8 | 23 7 | 23 8 | 24 32 | 7 13 | 2 24 |
| T 27 | 1 29 | 24 8 | 2 34 | 6 20 | 0 51 | 16 17 | 0 48 | 26 2 | 2 52 | 23 13 | 0 7 | 14 22 | 2 36 | 22 52 | 0 25 | 16 52 | 0 9 | 17 53 | 5 8 | 23 7 | 23 8 | 24 32 | 7 12 | 2 24 |
| W28 | 1 52 | 22 9 | 3 33 | 6 6 | 1 2 | 16 42 | 0 51 | 25 59 | 2 51 | 23 13 | 0 7 | 14 21 | 2 36 | 22 52 | 0 25 | 16 52 | 0 9 | 17 52 | 5 8 | 23 6 | 23 7 | 24 33 | 7 11 | 2 24 |
| T 29 | 2 15 | 18 48 | 4 19 | 5 48 | 1 13 | 17 7 | 0 55 | 25 55 | 2 49 | 23 12 | 0 8 | 14 21 | 2 36 | 22 52 | 0 25 | 16 51 | 0 9 | 17 52 | 5 9 | 23 6 | 23 7 | 24 33 | 7 10 | 2 24 |
| F 30 | 2s39 | 14s24 | 4s49 | 5n26 | 1n22 | 17s31 | 0s59 | 25s52 | 2s48 | 23s12 | 0s 8 | 14n20 | 2s37 | 22s52 | 0s25 | 16n51 | 0s 9 | 17n52 | 5s 9 | 23n 5 | 23n 7 | 24n34 | 7n 9 | 2n24 |

Julian Day Number = 2601902.5, Delta T = 09m12s
Ecliptic obliquity = 23°23'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'44, Lahiri = 29°36'46


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## OCTOBER 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 38 2 | 7♎38'56 | 18♓12 | 20♍48 | 17♏ 8 | 9♑50 | 9♑ 8 | 16°R47 | 15♑55 | 12♎35 | 10♋ 9 | 20°R58 | 21♊29 | 6♋49 | 12°R28 | S 1 |
| S 2 | 0 41 59 | 8°37'40 | 1♈54 | 22°15 | 18°19 | 10°27 | 9°13 | 16♉44 | 15°55 | 12°36 | 10° 9 | 20♊46 | 21°26 | 6°55 | 12♈25 | S 2 |
| M 3 | 0 45 55 | 9°36'26 | 15°21 | 23°46 | 19°29 | 11° 4 | 9°18 | 16°40 | 15°55 | 12°38 | 10° 9 | 20°35 | 21°23 | 7° 2 | 12°22 | M 3 |
| T 4 | 0 49 52 | 10°35'14 | 28°29 | 25°21 | 20°40 | 11°42 | 9°23 | 16°37 | 15°56 | 12°39 | 10° 9 | 20°24 | 21°20 | 7° 9 | 12°20 | T 4 |
| W 5 | 0 53 48 | 11°34'04 | 11♉19 | 26°59 | 21°50 | 12°19 | 9°29 | 16°34 | 15°56 | 12°40 | 10°10 | 20°16 | 21°17 | 7°15 | 12°17 | W 5 |
| T 6 | 0 57 45 | 12°32'57 | 23°49 | 28°39 | 23° 0 | 12°57 | 9°34 | 16°30 | 15°57 | 12°42 | 10°10 | 20°11 | 21°14 | 7°22 | 12°14 | T 6 |
| F 7 | 1 1 41 | 13°31'51 | 6♊ 3 | 0♎21 | 24°11 | 13°35 | 9°40 | 16°26 | 15°57 | 12°43 | 10°10 | 20° 7 | 21°10 | 7°29 | 12°11 | F 7 |
| S 8 | 1 5 38 | 14°30'48 | 18° 3 | 2° 5 | 25°21 | 14°13 | 9°46 | 16°23 | 15°58 | 12°44 | 10°10 | 20°D 6 | 21° 7 | 7°35 | 12° 8 | S 8 |
| S 9 | 1 9 34 | 15°29'47 | 29°55 | 3°50 | 26°31 | 14°52 | 9°52 | 16°19 | 15°59 | 12°45 | 10°10 | 20° 7 | 21° 4 | 7°42 | 12° 5 | S 9 |
| M10 | 1 13 31 | 16°28'49 | 11♋43 | 5°36 | 27°41 | 15°30 | 9°58 | 16°15 | 15°59 | 12°47 | 10°10 | 20°R 7 | 21° 1 | 7°49 | 12° 3 | M10 |
| T 11 | 1 17 28 | 17°27'52 | 23°34 | 7°22 | 28°51 | 16° 9 | 10° 5 | 16°11 | 16° 0 | 12°48 | 10°R10 | 20° 7 | 20°58 | 7°55 | 12° 0 | T 11 |
| W12 | 1 21 24 | 18°26'58 | 5♌31 | 9° 9 | 0♐ 1 | 16°48 | 10°11 | 16° 7 | 16° 1 | 12°49 | 10°10 | 20° 6 | 20°54 | 8° 2 | 11°57 | W12 |
| T 13 | 1 25 21 | 19°26'06 | 17°40 | 10°56 | 1°11 | 17°27 | 10°18 | 16° 3 | 16° 2 | 12°50 | 10°10 | 20° 2 | 20°51 | 8° 8 | 11°54 | T 13 |
| F 14 | 1 29 17 | 20°25'17 | 0♍ 6 | 12°43 | 2°21 | 18° 6 | 10°25 | 15°59 | 16° 3 | 12°51 | 10°10 | 19°56 | 20°48 | 8°15 | 11°51 | F 14 |
| S 15 | 1 33 14 | 21°24'29 | 12°52 | 14°30 | 3°30 | 18°46 | 10°32 | 15°55 | 16° 4 | 12°52 | 10°10 | 19°48 | 20°45 | 8°22 | 11°49 | S 15 |
| S 16 | 1 37 10 | 22°23'44 | 25°59 | 16°16 | 4°40 | 19°25 | 10°39 | 15°51 | 16° 5 | 12°53 | 10°10 | 19°38 | 20°42 | 8°28 | 11°46 | S 16 |
| M17 | 1 41 7 | 23°23'01 | 9♎28 | 18° 2 | 5°50 | 20° 5 | 10°46 | 15°47 | 16° 6 | 12°54 | 10°10 | 19°28 | 20°39 | 8°35 | 11°43 | M17 |
| T 18 | 1 45 3 | 24°22'20 | 23°16 | 19°48 | 6°59 | 20°45 | 10°54 | 15°43 | 16° 7 | 12°55 | 10° 9 | 19°19 | 20°35 | 8°42 | 11°40 | T 18 |
| W19 | 1 49 0 | 25°21'41 | 7♏20 | 21°33 | 8° 8 | 21°25 | 11° 1 | 15°38 | 16° 8 | 12°56 | 10° 9 | 19°11 | 20°32 | 8°48 | 11°38 | W19 |
| T 20 | 1 52 56 | 26°21'04 | 21°34 | 23°18 | 9°18 | 22° 5 | 11° 9 | 15°34 | 16°10 | 12°57 | 10° 9 | 19° 6 | 20°29 | 8°55 | 11°35 | T 20 |
| F 21 | 1 56 53 | 27°20'29 | 5♐54 | 25° 2 | 10°27 | 22°46 | 11°17 | 15°29 | 16°11 | 12°58 | 10° 9 | 19° 3 | 20°26 | 9° 2 | 11°32 | F 21 |
| S 22 | 2 0 50 | 28°19'56 | 20°16 | 26°45 | 11°36 | 23°26 | 11°25 | 15°25 | 16°12 | 12°59 | 10° 9 | 19°D 2 | 20°23 | 9° 8 | 11°29 | S 22 |
| S 23 | 2 4 46 | 29°19'25 | 4♑35 | 28°27 | 12°45 | 24° 7 | 11°33 | 15°20 | 16°14 | 13° 0 | 10° 8 | 19° 3 | 20°19 | 9°15 | 11°27 | S 23 |
| M24 | 2 8 43 | 0♏18'55 | 18°48 | 0♏ 9 | 13°54 | 24°48 | 11°41 | 15°16 | 16°15 | 13° 0 | 10° 8 | 19° 4 | 20°16 | 9°22 | 11°24 | M24 |
| T 25 | 2 12 39 | 1°18'27 | 2♒55 | 1°51 | 15° 3 | 25°29 | 11°50 | 15°11 | 16°16 | 13° 1 | 10° 8 | 19°R 4 | 20°13 | 9°28 | 11°22 | T 25 |
| W26 | 2 16 36 | 2°18'01 | 16°54 | 3°31 | 16°11 | 26°10 | 11°58 | 15° 7 | 16°18 | 13° 2 | 10° 7 | 19° 3 | 20°10 | 9°35 | 11°19 | W26 |
| T 27 | 2 20 32 | 3°17'36 | 0♓43 | 5°11 | 17°20 | 26°51 | 12° 7 | 15° 2 | 16°20 | 13° 3 | 10° 7 | 19° 0 | 20° 7 | 9°42 | 11°16 | T 27 |
| F 28 | 2 24 29 | 4°17'13 | 14°23 | 6°51 | 18°28 | 27°32 | 12°16 | 14°57 | 16°21 | 13° 3 | 10° 7 | 18°55 | 20° 4 | 9°48 | 11°14 | F 28 |
| S 29 | 2 28 26 | 5°16'52 | 27°52 | 8°30 | 19°37 | 28°14 | 12°25 | 14°53 | 16°23 | 13° 4 | 10° 6 | 18°49 | 20° 0 | 9°55 | 11°11 | S 29 |
| S 30 | 2 32 22 | 6°16'33 | 11♈ 9 | 10° 8 | 20°45 | 28°55 | 12°34 | 14°48 | 16°25 | 13° 4 | 10° 6 | 18°41 | 19°57 | 10° 2 | 11° 9 | S 30 |
| M31 | 2 36 19 | 7♏16'15 | 24♈12 | 11♏46 | 21♐53 | 29♑37 | 12♑43 | 14♉43 | 16♑26 | 13♎ 5 | 10♋ 5 | 18♊34 | 19♊54 | 10♋ 8 | 11♈ 6 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s 2 | 9s17 | 5s 1 | 5n 1 | 1n30 | 17s55 | 1s 2 | 25s48 | 2s47 | 23s12 | 0s 8 | 14n18 | 2s37 | 22s52 | 0s25 | 16n51 | 0s 9 | 17n52 | 5s 9 | 23n 5 | 23n 7 | 24n34 | 7n 8 | 2n24 |
| S 2 | 3 25 | 3 46 | 4 56 | 4 33 | 1 36 | 18 18 | 1 6 | 25 44 | 2 46 | 23 12 | 0 8 | 14 17 | 2 37 | 22 52 | 0 25 | 16 50 | 0 9 | 17 52 | 5 9 | 23 4 | 23 7 | 24 35 | 7 6 | 2 24 |
| M 3 | 3 48 | 1n49 | 4 34 | 4 2 | 1 42 | 18 41 | 1 9 | 25 39 | 2 44 | 23 12 | 0 8 | 14 16 | 2 37 | 22 52 | 0 25 | 16 50 | 0 9 | 17 52 | 5 9 | 23 3 | 23 6 | 24 35 | 7 5 | 2 24 |
| T 4 | 4 11 | 7 12 | 3 58 | 3 28 | 1 46 | 19 3 | 1 13 | 25 35 | 2 43 | 23 11 | 0 8 | 14 15 | 2 37 | 22 51 | 0 25 | 16 49 | 0 9 | 17 52 | 5 9 | 23 2 | 23 6 | 24 36 | 7 4 | 2 24 |
| W 5 | 4 34 | 12 10 | 3 11 | 2 53 | 1 50 | 19 25 | 1 17 | 25 30 | 2 42 | 23 11 | 0 8 | 14 14 | 2 37 | 22 51 | 0 25 | 16 49 | 0 9 | 17 52 | 5 9 | 23 2 | 23 6 | 24 36 | 7 3 | 2 24 |
| T 6 | 4 57 | 16 30 | 2 15 | 2 15 | 1 52 | 19 47 | 1 20 | 25 25 | 2 41 | 23 11 | 0 8 | 14 13 | 2 37 | 22 51 | 0 25 | 16 49 | 0 9 | 17 52 | 5 9 | 23 1 | 23 6 | 24 37 | 7 2 | 2 24 |
| F 7 | 5 20 | 20 3 | 1 14 | 1 36 | 1 53 | 20 8 | 1 24 | 25 20 | 2 39 | 23 10 | 0 8 | 14 12 | 2 38 | 22 51 | 0 25 | 16 48 | 0 9 | 17 52 | 5 9 | 23 1 | 23 6 | 24 37 | 7 1 | 2 24 |
| S 8 | 5 43 | 22 40 | 0 11 | 0 55 | 1 54 | 20 28 | 1 27 | 25 15 | 2 38 | 23 10 | 0 8 | 14 11 | 2 38 | 22 51 | 0 25 | 16 48 | 0 9 | 17 52 | 5 9 | 23 1 | 23 5 | 24 38 | 6 59 | 2 23 |
| S 9 | 6 5 | 24 15 | 0n52 | 0 13 | 1 54 | 20 48 | 1 31 | 25 10 | 2 37 | 23 10 | 0 8 | 14 10 | 2 38 | 22 51 | 0 25 | 16 48 | 0 9 | 17 52 | 5 9 | 23 1 | 23 5 | 24 38 | 6 58 | 2 23 |
| M10 | 6 28 | 24 45 | 1 53 | 0s30 | 1 53 | 21 8 | 1 34 | 25 4 | 2 36 | 23 9 | 0 8 | 14 8 | 2 38 | 22 51 | 0 25 | 16 47 | 0 9 | 17 51 | 5 9 | 23 1 | 23 5 | 24 39 | 6 57 | 2 23 |
| T 11 | 6 50 | 24 7 | 2 49 | 1 13 | 1 51 | 21 27 | 1 38 | 24 58 | 2 34 | 23 9 | 0 9 | 14 7 | 2 38 | 22 51 | 0 25 | 16 47 | 0 9 | 17 51 | 5 9 | 23 1 | 23 5 | 24 39 | 6 56 | 2 23 |
| W12 | 7 13 | 22 22 | 3 38 | 1 57 | 1 49 | 21 45 | 1 41 | 24 52 | 2 33 | 23 8 | 0 9 | 14 6 | 2 38 | 22 51 | 0 25 | 16 47 | 0 9 | 17 51 | 5 9 | 23 1 | 23 5 | 24 40 | 6 55 | 2 23 |
| T 13 | 7 35 | 19 36 | 4 18 | 2 42 | 1 46 | 22 3 | 1 45 | 24 46 | 2 32 | 23 8 | 0 9 | 14 5 | 2 38 | 22 51 | 0 25 | 16 46 | 0 9 | 17 51 | 5 9 | 23 1 | 23 4 | 24 40 | 6 53 | 2 23 |
| F 14 | 7 58 | 15 53 | 4 47 | 3 26 | 1 42 | 22 21 | 1 48 | 24 39 | 2 31 | 23 8 | 0 9 | 14 3 | 2 38 | 22 51 | 0 25 | 16 46 | 0 9 | 17 51 | 5 10 | 23 0 | 23 4 | 24 40 | 6 52 | 2 23 |
| S 15 | 8 20 | 11 23 | 5 3 | 4 11 | 1 39 | 22 38 | 1 51 | 24 32 | 2 29 | 23 7 | 0 9 | 14 2 | 2 39 | 22 50 | 0 25 | 16 46 | 0 9 | 17 51 | 5 10 | 23 0 | 23 4 | 24 41 | 6 51 | 2 23 |
| S 16 | 8 42 | 6 14 | 5 3 | 4 56 | 1 34 | 22 54 | 1 55 | 24 26 | 2 28 | 23 7 | 0 9 | 14 1 | 2 39 | 22 50 | 0 25 | 16 45 | 0 9 | 17 51 | 5 10 | 22 59 | 23 4 | 24 41 | 6 50 | 2 23 |
| M17 | 9 4 | 0 39 | 4 47 | 5 41 | 1 30 | 23 10 | 1 58 | 24 18 | 2 27 | 23 6 | 0 9 | 14 0 | 2 39 | 22 50 | 0 25 | 16 45 | 0 9 | 17 51 | 5 10 | 22 58 | 23 3 | 24 42 | 6 49 | 2 23 |
| T 18 | 9 26 | 5s 5 | 4 14 | 6 25 | 1 25 | 23 25 | 2 1 | 24 11 | 2 26 | 23 6 | 0 9 | 13 58 | 2 39 | 22 50 | 0 25 | 16 45 | 0 9 | 17 51 | 5 10 | 22 57 | 23 3 | 24 42 | 6 48 | 2 22 |
| W19 | 9 47 | 10 42 | 3 25 | 7 9 | 1 20 | 23 40 | 2 4 | 24 4 | 2 24 | 23 5 | 0 9 | 13 57 | 2 39 | 22 50 | 0 25 | 16 45 | 0 9 | 17 51 | 5 10 | 22 57 | 23 3 | 24 42 | 6 46 | 2 22 |
| T 20 | 10 9 | 15 50 | 2 22 | 7 53 | 1 14 | 23 54 | 2 7 | 23 56 | 2 23 | 23 4 | 0 9 | 13 56 | 2 39 | 22 50 | 0 25 | 16 44 | 0 9 | 17 51 | 5 10 | 22 56 | 23 3 | 24 43 | 6 45 | 2 22 |
| F 21 | 10 30 | 20 6 | 1 10 | 8 36 | 1 8 | 24 7 | 2 11 | 23 48 | 2 22 | 23 4 | 0 9 | 13 54 | 2 39 | 22 49 | 0 25 | 16 44 | 0 9 | 17 51 | 5 10 | 22 56 | 23 3 | 24 43 | 6 44 | 2 22 |
| S 22 | 10 51 | 23 8 | 0s 7 | 9 19 | 1 2 | 24 20 | 2 14 | 23 40 | 2 20 | 23 3 | 0 9 | 13 53 | 2 39 | 22 49 | 0 25 | 16 44 | 0 9 | 17 51 | 5 10 | 22 56 | 23 2 | 24 44 | 6 43 | 2 22 |
| S 23 | 11 13 | 24 41 | 1 23 | 10 2 | 0 56 | 24 32 | 2 17 | 23 31 | 2 19 | 23 3 | 0 10 | 13 52 | 2 39 | 22 49 | 0 25 | 16 44 | 0 9 | 17 51 | 5 10 | 22 56 | 23 2 | 24 44 | 6 42 | 2 22 |
| M24 | 11 33 | 24 36 | 2 34 | 10 43 | 0 50 | 24 44 | 2 20 | 23 23 | 2 18 | 23 2 | 0 10 | 13 50 | 2 39 | 22 49 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 56 | 23 2 | 24 44 | 6 41 | 2 22 |
| T 25 | 11 54 | 22 56 | 3 34 | 11 25 | 0 43 | 24 54 | 2 22 | 23 14 | 2 17 | 23 1 | 0 10 | 13 49 | 2 39 | 22 49 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 56 | 23 2 | 24 45 | 6 39 | 2 22 |
| W26 | 12 15 | 19 54 | 4 22 | 12 5 | 0 37 | 25 5 | 2 25 | 23 5 | 2 15 | 23 1 | 0 10 | 13 48 | 2 39 | 22 49 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 56 | 23 1 | 24 45 | 6 38 | 2 22 |
| T 27 | 12 35 | 15 46 | 4 53 | 12 45 | 0 30 | 25 14 | 2 28 | 22 56 | 2 14 | 23 0 | 0 10 | 13 46 | 2 39 | 22 48 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 56 | 23 1 | 24 45 | 6 37 | 2 21 |
| F 28 | 12 55 | 10 52 | 5 8 | 13 24 | 0 24 | 25 23 | 2 31 | 22 46 | 2 13 | 22 59 | 0 10 | 13 45 | 2 39 | 22 48 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 56 | 23 1 | 24 46 | 6 36 | 2 21 |
| S 29 | 13 15 | 5 30 | 5 5 | 14 2 | 0 17 | 25 32 | 2 33 | 22 37 | 2 11 | 22 58 | 0 10 | 13 43 | 2 39 | 22 48 | 0 25 | 16 43 | 0 9 | 17 51 | 5 10 | 22 55 | 23 1 | 24 46 | 6 35 | 2 21 |
| S 30 | 13 35 | 0n 1 | 4 46 | 14 40 | 0 10 | 25 39 | 2 36 | 22 27 | 2 10 | 22 58 | 0 10 | 13 42 | 2 39 | 22 48 | 0 25 | 16 42 | 0 9 | 17 51 | 5 11 | 22 54 | 23 0 | 24 46 | 6 34 | 2 21 |
| M31 | 13s55 | 5n28 | 4s12 | 15s17 | 0n 3 | 25s46 | 2s38 | 22s17 | 2s 9 | 22s57 | 0s10 | 13n41 | 2s39 | 22s47 | 0s25 | 16n42 | 0s 9 | 17n51 | 5s11 | 22n54 | 23n 0 | 24n47 | 6n33 | 2n21 |

Julian Day Number = 2601932.5, Delta T = 09m12s
Ecliptic obliquity = 23°23'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'48, Lahiri = 29°36'50


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## NOVEMBER 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 40 15 | 8♏16'00 | 7♉ 1 | 13♏23 | 23♐ 1 | 0♒18 | 12♑52 | 14°R38 | 16♑28 | 13♎ 6 | 10°R 5 | 18°R27 | 19♊51 | 10♋15 | 11°R 4 | T 1 |
| W 2 | 2 44 12 | 9°15'46 | 19°36 | 14°59 | 24° 9 | 1° 0 | 13° 2 | 14♉34 | 16°30 | 13° 6 | 10♋ 4 | 18♊22 | 19°48 | 10°22 | 11♈ 1 | W 2 |
| T 3 | 2 48 8 | 10°15'34 | 1♊56 | 16°35 | 25°17 | 1°42 | 13°11 | 14°29 | 16°32 | 13° 6 | 10° 4 | 18°19 | 19°45 | 10°28 | 10°59 | T 3 |
| F 4 | 2 52 5 | 11°15'25 | 14° 3 | 18°10 | 26°24 | 2°24 | 13°21 | 14°24 | 16°34 | 13° 7 | 10° 3 | 18°D17 | 19°41 | 10°35 | 10°57 | F 4 |
| S 5 | 2 56 1 | 12°15'17 | 26° 1 | 19°45 | 27°31 | 3° 6 | 13°31 | 14°19 | 16°36 | 13° 7 | 10° 3 | 18°18 | 19°38 | 10°41 | 10°54 | S 5 |
| S 6 | 2 59 58 | 13°15'12 | 7♋51 | 21°20 | 28°39 | 3°49 | 13°40 | 14°14 | 16°38 | 13° 8 | 10° 2 | 18°19 | 19°35 | 10°48 | 10°52 | S 6 |
| M 7 | 3 3 55 | 14°15'09 | 19°39 | 22°54 | 29°46 | 4°31 | 13°50 | 14° 9 | 16°40 | 13° 8 | 10° 2 | 18°21 | 19°32 | 10°55 | 10°50 | M 7 |
| T 8 | 3 7 51 | 15°15'07 | 1♌29 | 24°27 | 0♑53 | 5°13 | 14° 1 | 14° 5 | 16°42 | 13° 8 | 10° 1 | 18°22 | 19°29 | 11° 1 | 10°48 | T 8 |
| W 9 | 3 11 48 | 16°15'08 | 13°25 | 26° 0 | 1°59 | 5°56 | 14°11 | 14° 0 | 16°44 | 13° 8 | 10° 0 | 18°R23 | 19°25 | 11° 8 | 10°45 | W 9 |
| T 10 | 3 15 44 | 17°15'11 | 25°33 | 27°33 | 3° 6 | 6°38 | 14°21 | 13°55 | 16°46 | 13° 9 | 10° 0 | 18°23 | 19°22 | 11°15 | 10°43 | T 10 |
| F 11 | 3 19 41 | 18°15'17 | 7♍58 | 29° 5 | 4°13 | 7°21 | 14°31 | 13°50 | 16°49 | 13° 9 | 9°59 | 18°21 | 19°19 | 11°21 | 10°41 | F 11 |
| S 12 | 3 23 37 | 19°15'24 | 20°43 | 0♐37 | 5°19 | 8° 4 | 14°42 | 13°45 | 16°51 | 13° 9 | 9°58 | 18°18 | 19°16 | 11°28 | 10°39 | S 12 |
| S 13 | 3 27 34 | 20°15'33 | 3♎53 | 2° 9 | 6°25 | 8°47 | 14°53 | 13°41 | 16°53 | 13° 9 | 9°58 | 18°14 | 19°13 | 11°35 | 10°37 | S 13 |
| M14 | 3 31 30 | 21°15'44 | 17°28 | 3°40 | 7°31 | 9°30 | 15° 3 | 13°36 | 16°56 | 13° 9 | 9°57 | 18°10 | 19°10 | 11°41 | 10°35 | M14 |
| T 15 | 3 35 27 | 22°15'57 | 1♏27 | 5°10 | 8°36 | 10°13 | 15°14 | 13°31 | 16°58 | 13° 9 | 9°56 | 18° 6 | 19° 6 | 11°48 | 10°33 | T 15 |
| W16 | 3 39 23 | 23°16'12 | 15°48 | 6°41 | 9°42 | 10°56 | 15°25 | 13°26 | 17° 0 | 13°R 9 | 9°55 | 18° 3 | 19° 3 | 11°55 | 10°31 | W16 |
| T 17 | 3 43 20 | 24°16'29 | 0♐25 | 8°10 | 10°47 | 11°39 | 15°36 | 13°22 | 17° 3 | 13° 9 | 9°55 | 18° 1 | 19° 0 | 12° 1 | 10°29 | T 17 |
| F 18 | 3 47 17 | 25°16'48 | 15°11 | 9°40 | 11°52 | 12°22 | 15°47 | 13°17 | 17° 5 | 13° 9 | 9°54 | 18°D 0 | 18°57 | 12° 8 | 10°28 | F 18 |
| S 19 | 3 51 13 | 26°17'08 | 29°59 | 11° 9 | 12°57 | 13° 5 | 15°58 | 13°12 | 17° 8 | 13° 9 | 9°53 | 18° 0 | 18°54 | 12°15 | 10°26 | S 19 |
| S 20 | 3 55 10 | 27°17'30 | 14♑43 | 12°37 | 14° 2 | 13°49 | 16°10 | 13° 8 | 17°10 | 13° 9 | 9°52 | 18° 1 | 18°51 | 12°21 | 10°24 | S 20 |
| M21 | 3 59 6 | 28°17'54 | 29°16 | 14° 6 | 15° 6 | 14°32 | 16°21 | 13° 3 | 17°13 | 13° 9 | 9°51 | 18° 3 | 18°47 | 12°28 | 10°23 | M21 |
| T 22 | 4 3 3 | 29°18'18 | 13♒34 | 15°33 | 16°10 | 15°16 | 16°33 | 12°58 | 17°16 | 13° 9 | 9°51 | 18° 4 | 18°44 | 12°35 | 10°21 | T 22 |
| W23 | 4 6 59 | 0♐18'44 | 27°35 | 17° 0 | 17°14 | 15°59 | 16°44 | 12°54 | 17°18 | 13° 8 | 9°50 | 18°R 4 | 18°41 | 12°41 | 10°19 | W23 |
| T 24 | 4 10 56 | 1°19'11 | 11♓19 | 18°27 | 18°17 | 16°43 | 16°56 | 12°50 | 17°21 | 13° 8 | 9°49 | 18° 4 | 18°38 | 12°48 | 10°18 | T 24 |
| F 25 | 4 14 53 | 2°19'39 | 24°46 | 19°53 | 19°21 | 17°27 | 17° 8 | 12°45 | 17°24 | 13° 8 | 9°48 | 18° 3 | 18°35 | 12°55 | 10°16 | F 25 |
| S 26 | 4 18 49 | 3°20'09 | 7♈56 | 21°18 | 20°24 | 18°11 | 17°19 | 12°41 | 17°27 | 13° 7 | 9°47 | 18° 1 | 18°31 | 13° 1 | 10°15 | S 26 |
| S 27 | 4 22 46 | 4°20'40 | 20°51 | 22°43 | 21°26 | 18°54 | 17°31 | 12°36 | 17°30 | 13° 7 | 9°46 | 17°59 | 18°28 | 13° 8 | 10°13 | S 27 |
| M28 | 4 26 42 | 5°21'12 | 3♉33 | 24° 6 | 22°29 | 19°38 | 17°43 | 12°32 | 17°32 | 13° 7 | 9°45 | 17°57 | 18°25 | 13°15 | 10°12 | M28 |
| T 29 | 4 30 39 | 6°21'45 | 16° 1 | 25°29 | 23°31 | 20°22 | 17°55 | 12°28 | 17°35 | 13° 6 | 9°44 | 17°56 | 18°22 | 13°21 | 10°11 | T 29 |
| W30 | 4 34 35 | 7♐22'20 | 28♉19 | 26♐51 | 24♑32 | 21♒ 6 | 18♑ 7 | 12♉24 | 17♑38 | 13♎ 6 | 9♋43 | 17♊55 | 18♊19 | 13♋28 | 10♈10 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s14 | 10n35 | 3s25 | 15s52 | 0s 3 | 25s52 | 2s41 | 22s 7 | 2s 7 | 22s56 | 0s10 | 13n39 | 2s39 | 22s47 | 0s25 | 16n42 | 0s 9 | 17n50 | 5s11 | 22n53 | 23n 0 | 24n47 | 6n32 | 2n21 |
| W 2 | 14 33 | 15 11 | 2 30 | 16 28 | 0 10 | 25 58 | 2 43 | 21 56 | 2 6 | 22 55 | 0 10 | 13 38 | 2 39 | 22 47 | 0 25 | 16 42 | 0 9 | 17 50 | 5 11 | 22 53 | 23 0 | 24 47 | 6 31 | 2 21 |
| T 3 | 14 52 | 19 4 | 1 28 | 17 2 | 0 17 | 26 3 | 2 45 | 21 46 | 2 5 | 22 54 | 0 10 | 13 36 | 2 39 | 22 47 | 0 25 | 16 42 | 0 9 | 17 50 | 5 11 | 22 52 | 22 59 | 24 48 | 6 29 | 2 20 |
| F 4 | 15 10 | 22 3 | 0 23 | 17 35 | 0 24 | 26 7 | 2 47 | 21 35 | 2 3 | 22 54 | 0 10 | 13 35 | 2 39 | 22 46 | 0 25 | 16 42 | 0 9 | 17 50 | 5 11 | 22 52 | 22 59 | 24 48 | 6 28 | 2 20 |
| S 5 | 15 29 | 24 2 | 0n42 | 18 8 | 0 30 | 26 11 | 2 49 | 21 24 | 2 2 | 22 53 | 0 11 | 13 34 | 2 39 | 22 46 | 0 25 | 16 42 | 0 9 | 17 50 | 5 11 | 22 52 | 22 59 | 24 48 | 6 27 | 2 20 |
| S 6 | 15 47 | 24 54 | 1 45 | 18 39 | 0 37 | 26 14 | 2 51 | 21 13 | 2 1 | 22 52 | 0 11 | 13 32 | 2 39 | 22 46 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 52 | 22 59 | 24 48 | 6 26 | 2 20 |
| M 7 | 16 5 | 24 38 | 2 43 | 19 10 | 0 44 | 26 16 | 2 53 | 21 1 | 1 59 | 22 51 | 0 11 | 13 31 | 2 39 | 22 46 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 53 | 22 58 | 24 49 | 6 25 | 2 20 |
| T 8 | 16 22 | 23 16 | 3 35 | 19 39 | 0 50 | 26 18 | 2 55 | 20 50 | 1 58 | 22 50 | 0 11 | 13 30 | 2 39 | 22 45 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 53 | 22 58 | 24 49 | 6 24 | 2 20 |
| W 9 | 16 40 | 20 52 | 4 17 | 20 8 | 0 57 | 26 18 | 2 56 | 20 38 | 1 57 | 22 49 | 0 11 | 13 28 | 2 39 | 22 45 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 53 | 22 58 | 24 49 | 6 23 | 2 19 |
| T 10 | 16 57 | 17 31 | 4 49 | 20 36 | 1 3 | 26 19 | 2 58 | 20 26 | 1 56 | 22 48 | 0 11 | 13 27 | 2 39 | 22 45 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 53 | 22 58 | 24 50 | 6 22 | 2 19 |
| F 11 | 17 14 | 13 20 | 5 9 | 21 2 | 1 9 | 26 18 | 2 59 | 20 14 | 1 54 | 22 47 | 0 11 | 13 25 | 2 39 | 22 45 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 53 | 22 57 | 24 50 | 6 21 | 2 19 |
| S 12 | 17 30 | 8 28 | 5 13 | 21 28 | 1 15 | 26 17 | 3 0 | 20 2 | 1 53 | 22 46 | 0 11 | 13 24 | 2 39 | 22 44 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 52 | 22 57 | 24 50 | 6 20 | 2 19 |
| S 13 | 17 46 | 3 5 | 5 2 | 21 52 | 1 21 | 26 15 | 3 1 | 19 49 | 1 52 | 22 45 | 0 11 | 13 23 | 2 39 | 22 44 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 52 | 22 57 | 24 50 | 6 19 | 2 19 |
| M14 | 18 2 | 2s37 | 4 34 | 22 16 | 1 27 | 26 13 | 3 3 | 19 36 | 1 50 | 22 43 | 0 11 | 13 21 | 2 39 | 22 44 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 52 | 22 57 | 24 51 | 6 18 | 2 19 |
| T 15 | 18 18 | 8 22 | 3 49 | 22 38 | 1 33 | 26 10 | 3 3 | 19 24 | 1 49 | 22 42 | 0 11 | 13 20 | 2 39 | 22 43 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 51 | 22 56 | 24 51 | 6 18 | 2 18 |
| W16 | 18 33 | 13 51 | 2 48 | 22 59 | 1 38 | 26 6 | 3 4 | 19 11 | 1 48 | 22 41 | 0 11 | 13 19 | 2 39 | 22 43 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 51 | 22 56 | 24 51 | 6 17 | 2 18 |
| T 17 | 18 48 | 18 38 | 1 35 | 23 19 | 1 43 | 26 1 | 3 5 | 18 57 | 1 46 | 22 40 | 0 11 | 13 17 | 2 39 | 22 43 | 0 25 | 16 41 | 0 9 | 17 50 | 5 11 | 22 51 | 22 56 | 24 51 | 6 16 | 2 18 |
| F 18 | 19 2 | 22 18 | 0 16 | 23 38 | 1 49 | 25 56 | 3 6 | 18 44 | 1 45 | 22 39 | 0 12 | 13 16 | 2 39 | 22 42 | 0 25 | 16 41 | 0 9 | 17 51 | 5 11 | 22 51 | 22 56 | 24 51 | 6 15 | 2 18 |
| S 19 | 19 17 | 24 29 | 1s 6 | 23 56 | 1 53 | 25 50 | 3 6 | 18 30 | 1 44 | 22 38 | 0 12 | 13 15 | 2 38 | 22 42 | 0 25 | 16 41 | 0 9 | 17 51 | 5 11 | 22 51 | 22 55 | 24 52 | 6 14 | 2 18 |
| S 20 | 19 31 | 24 56 | 2 22 | 24 13 | 1 58 | 25 44 | 3 6 | 18 17 | 1 42 | 22 36 | 0 12 | 13 14 | 2 38 | 22 42 | 0 25 | 16 41 | 0 9 | 17 51 | 5 11 | 22 51 | 22 55 | 24 52 | 6 13 | 2 18 |
| M21 | 19 44 | 23 40 | 3 29 | 24 28 | 2 2 | 25 37 | 3 6 | 18 3 | 1 41 | 22 35 | 0 12 | 13 12 | 2 38 | 22 41 | 0 25 | 16 41 | 0 9 | 17 51 | 5 11 | 22 51 | 22 55 | 24 52 | 6 12 | 2 17 |
| T 22 | 19 57 | 20 53 | 4 21 | 24 42 | 2 7 | 25 30 | 3 6 | 17 49 | 1 40 | 22 34 | 0 12 | 13 11 | 2 38 | 22 41 | 0 25 | 16 41 | 0 9 | 17 51 | 5 12 | 22 51 | 22 55 | 24 52 | 6 12 | 2 17 |
| W23 | 20 10 | 16 55 | 4 56 | 24 55 | 2 10 | 25 21 | 3 6 | 17 34 | 1 38 | 22 32 | 0 12 | 13 10 | 2 38 | 22 41 | 0 25 | 16 41 | 0 9 | 17 51 | 5 12 | 22 51 | 22 54 | 24 52 | 6 11 | 2 17 |
| T 24 | 20 23 | 12 8 | 5 14 | 25 7 | 2 14 | 25 13 | 3 6 | 17 20 | 1 37 | 22 31 | 0 12 | 13 9 | 2 38 | 22 40 | 0 25 | 16 41 | 0 9 | 17 51 | 5 12 | 22 51 | 22 54 | 24 52 | 6 10 | 2 17 |
| F 25 | 20 35 | 6 53 | 5 14 | 25 17 | 2 17 | 25 3 | 3 6 | 17 6 | 1 36 | 22 30 | 0 12 | 13 7 | 2 38 | 22 40 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 51 | 22 54 | 24 53 | 6 9 | 2 17 |
| S 26 | 20 47 | 1 25 | 4 57 | 25 26 | 2 20 | 24 53 | 3 5 | 16 51 | 1 35 | 22 28 | 0 12 | 13 6 | 2 38 | 22 40 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 51 | 22 54 | 24 53 | 6 9 | 2 17 |
| S 27 | 20 58 | 4n 1 | 4 26 | 25 34 | 2 23 | 24 43 | 3 4 | 16 36 | 1 33 | 22 27 | 0 12 | 13 5 | 2 37 | 22 39 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 51 | 22 53 | 24 53 | 6 8 | 2 16 |
| M28 | 21 9 | 9 11 | 3 42 | 25 40 | 2 25 | 24 32 | 3 3 | 16 21 | 1 32 | 22 25 | 0 12 | 13 4 | 2 37 | 22 39 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 51 | 22 53 | 24 53 | 6 7 | 2 16 |
| T 29 | 21 19 | 13 55 | 2 48 | 25 45 | 2 27 | 24 20 | 3 2 | 16 6 | 1 31 | 22 24 | 0 12 | 13 3 | 2 37 | 22 38 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 50 | 22 53 | 24 53 | 6 6 | 2 16 |
| W30 | 21s30 | 18n 0 | 1s47 | 25s49 | 2s28 | 24s 8 | 3s 1 | 15s51 | 1s29 | 22s22 | 0s12 | 13n 2 | 2s37 | 22s38 | 0s25 | 16n42 | 0s 9 | 17n51 | 5s12 | 22n50 | 22n52 | 24n53 | 6n 6 | 2n16 |

Julian Day Number = 2601963.5, Delta T = 09m12s
Ecliptic obliquity = 23°23'11, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'53, Lahiri = 29°36'54


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# ASTRODIENST EPHEMERIS for the year 2411
# geocentric

## DECEMBER 2411 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 38 32 | 8♐22'56 | 10♊27 | 28♐11 | 25♑34 | 21♒50 | 18♑20 | 12°R20 | 17♑41 | 13°R 5 | 9°R42 | 17°R54 | 18♊16 | 13♋35 | 10°R 9 | T 1 |
| F 2 | 4 42 28 | 9°23'34 | 22°26 | 29°31 | 26°34 | 22°34 | 18°32 | 12♑16 | 17°44 | 13♌ 5 | 9♋41 | 17°D54 | 18°12 | 13°41 | 10♈ 7 | F 2 |
| S 3 | 4 46 25 | 10°24'13 | 4♋19 | 0♑48 | 27°35 | 23°18 | 18°44 | 12°12 | 17°47 | 13° 4 | 9°40 | 17♊54 | 18° 9 | 13°48 | 10° 6 | S 3 |
| S 4 | 4 50 22 | 11°24'54 | 16° 8 | 2° 4 | 28°35 | 24° 2 | 18°57 | 12° 8 | 17°50 | 13° 4 | 9°39 | 17°55 | 18° 6 | 13°55 | 10° 5 | S 4 |
| M 5 | 4 54 18 | 12°25'36 | 27°56 | 3°18 | 29°35 | 24°46 | 19° 9 | 12° 4 | 17°53 | 13° 3 | 9°38 | 17°56 | 18° 3 | 14° 1 | 10° 4 | M 5 |
| T 6 | 4 58 15 | 13°26'20 | 9♌46 | 4°29 | 0♒34 | 25°30 | 19°22 | 12° 0 | 17°56 | 13° 2 | 9°37 | 17°56 | 18° 0 | 14° 8 | 10° 3 | T 6 |
| W 7 | 5 2 11 | 14°27'05 | 21°42 | 5°38 | 1°33 | 26°15 | 19°34 | 11°57 | 17°59 | 13° 2 | 9°36 | 17°57 | 17°57 | 14°15 | 10° 3 | W 7 |
| T 8 | 5 6 8 | 15°27'51 | 3♍48 | 6°44 | 2°31 | 26°59 | 19°47 | 11°53 | 18° 3 | 13° 1 | 9°35 | 17°57 | 17°53 | 14°21 | 10° 2 | T 8 |
| F 9 | 5 10 4 | 16°28'39 | 16° 9 | 7°46 | 3°29 | 27°43 | 20° 0 | 11°49 | 18° 6 | 13° 0 | 9°34 | 17°R57 | 17°50 | 14°28 | 10° 1 | F 9 |
| S 10 | 5 14 1 | 17°29'28 | 28°49 | 8°44 | 4°27 | 28°27 | 20°12 | 11°46 | 18° 9 | 12°59 | 9°33 | 17°D57 | 17°47 | 14°35 | 10° 0 | S 10 |
| S 11 | 5 17 57 | 18°30'19 | 11♎52 | 9°38 | 5°23 | 29°12 | 20°25 | 11°43 | 18°12 | 12°59 | 9°31 | 17°57 | 17°44 | 14°41 | 10° 0 | S 11 |
| M12 | 5 21 54 | 19°31'11 | 25°21 | 10°27 | 6°20 | 29°56 | 20°38 | 11°39 | 18°15 | 12°58 | 9°30 | 17°57 | 17°41 | 14°48 | 9°59 | M12 |
| T 13 | 5 25 51 | 20°32'04 | 9♏17 | 11° 9 | 7°16 | 0♓41 | 20°51 | 11°36 | 18°19 | 12°57 | 9°29 | 17°57 | 17°37 | 14°54 | 9°59 | T 13 |
| W14 | 5 29 47 | 21°32'59 | 23°40 | 11°45 | 8°11 | 1°25 | 21° 4 | 11°33 | 18°22 | 12°56 | 9°28 | 17°58 | 17°34 | 15° 1 | 9°58 | W14 |
| T 15 | 5 33 44 | 22°33'55 | 8♐25 | 12°14 | 9° 6 | 2°10 | 21°17 | 11°30 | 18°25 | 12°55 | 9°27 | 17°58 | 17°31 | 15° 8 | 9°58 | T 15 |
| F 16 | 5 37 40 | 23°34'52 | 23°26 | 12°34 | 10° 0 | 2°54 | 21°30 | 11°27 | 18°29 | 12°54 | 9°26 | 17°R58 | 17°28 | 15°14 | 9°57 | F 16 |
| S 17 | 5 41 37 | 24°35'50 | 8♑35 | 12°44 | 10°53 | 3°39 | 21°44 | 11°24 | 18°32 | 12°53 | 9°25 | 17°58 | 17°25 | 15°21 | 9°57 | S 17 |
| S 18 | 5 45 33 | 25°36'49 | 23°42 | 12°R45 | 11°46 | 4°23 | 21°57 | 11°21 | 18°35 | 12°52 | 9°23 | 17°57 | 17°22 | 15°28 | 9°57 | S 18 |
| M19 | 5 49 30 | 26°37'48 | 8♒39 | 12°35 | 12°38 | 5° 8 | 22°10 | 11°19 | 18°39 | 12°51 | 9°22 | 17°56 | 17°18 | 15°34 | 9°57 | M19 |
| T 20 | 5 53 26 | 27°38'48 | 23°17 | 12°14 | 13°29 | 5°52 | 22°23 | 11°16 | 18°42 | 12°50 | 9°21 | 17°55 | 17°15 | 15°41 | 9°57 | T 20 |
| W21 | 5 57 23 | 28°39'49 | 7♓33 | 11°41 | 14°19 | 6°37 | 22°37 | 11°14 | 18°46 | 12°49 | 9°20 | 17°54 | 17°12 | 15°48 | 9°D57 | W21 |
| T 22 | 6 1 20 | 29°40'50 | 21°24 | 10°57 | 15° 9 | 7°21 | 22°50 | 11°11 | 18°49 | 12°48 | 9°19 | 17°53 | 17° 9 | 15°54 | 9°57 | T 22 |
| F 23 | 6 5 16 | 0♑41'51 | 4♈49 | 10° 2 | 15°58 | 8° 6 | 23° 4 | 11° 9 | 18°52 | 12°47 | 9°18 | 17°D53 | 17° 6 | 16° 1 | 9°57 | F 23 |
| S 24 | 6 9 13 | 1°42'53 | 17°53 | 8°57 | 16°46 | 8°51 | 23°17 | 11° 7 | 18°56 | 12°45 | 9°16 | 17°54 | 17° 3 | 16° 8 | 9°57 | S 24 |
| S 25 | 6 13 9 | 2°43'55 | 0♉36 | 7°44 | 17°33 | 9°35 | 23°31 | 11° 5 | 18°59 | 12°44 | 9°15 | 17°55 | 16°59 | 16°14 | 9°57 | S 25 |
| M26 | 6 17 6 | 3°44'58 | 13° 2 | 6°25 | 18°19 | 10°20 | 23°44 | 11° 3 | 19° 3 | 12°43 | 9°14 | 17°56 | 16°56 | 16°21 | 9°57 | M26 |
| T 27 | 6 21 2 | 4°46'01 | 25°16 | 5° 3 | 19° 4 | 11° 5 | 23°58 | 11° 1 | 19° 6 | 12°42 | 9°13 | 17°57 | 16°53 | 16°28 | 9°58 | T 27 |
| W28 | 6 24 59 | 5°47'05 | 7♊20 | 3°40 | 19°48 | 11°49 | 24°11 | 10°59 | 19°10 | 12°41 | 9°12 | 17°59 | 16°50 | 16°34 | 9°58 | W28 |
| T 29 | 6 28 55 | 6°48'08 | 19°16 | 2°19 | 20°31 | 12°34 | 24°25 | 10°57 | 19°13 | 12°39 | 9°10 | 17°R59 | 16°47 | 16°41 | 9°58 | T 29 |
| F 30 | 6 32 52 | 7°49'13 | 1♋ 8 | 1° 3 | 21°13 | 13°19 | 24°39 | 10°56 | 19°17 | 12°38 | 9° 9 | 17°58 | 16°43 | 16°48 | 9°59 | F 30 |
| S 31 | 6 36 49 | 8♑50'17 | 12♋58 | 29♐55 | 21♒54 | 14♓ 3 | 24♑53 | 10♉54 | 19♑20 | 12♌37 | 9♋ 8 | 17♊57 | 16♊40 | 16♋54 | 9♈59 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 21 s39 | 21n17 | 0 s41 | 25 s51 | 2 s29 | 23 s55 | 3 s 0 | 15 s35 | 1 s28 | 22 s21 | 0 s13 | 13n 1 | 2 s37 | 22 s38 | 0 s25 | 16n42 | 0 s 9 | 17n51 | 5 s12 | 22n50 | 22n52 | 24n53 | 6n 5 | 2n16 | |
| F 2 | 21 49 | 23 35 | 0n25 | 25 52 | 2 29 | 23 42 | 2 58 | 15 20 | 1 27 | 22 19 | 0 13 | 13 0 | 2 37 | 22 37 | 0 25 | 16 42 | 0 9 | 17 51 | 5 12 | 22 50 | 22 52 | 24 53 | 6 5 | 2 15 | |
| S 3 | 21 58 | 24 49 | 1 30 | 25 52 | 2 29 | 23 29 | 2 56 | 15 4 | 1 26 | 22 17 | 0 13 | 12 59 | 2 36 | 22 37 | 0 25 | 16 43 | 0 9 | 17 51 | 5 12 | 22 50 | 22 52 | 24 54 | 6 4 | 2 15 | |
| S 4 | 22 6 | 24 54 | 2 31 | 25 50 | 2 28 | 23 14 | 2 54 | 14 48 | 1 24 | 22 16 | 0 13 | 12 58 | 2 36 | 22 37 | 0 25 | 16 43 | 0 9 | 17 51 | 5 12 | 22 50 | 22 51 | 24 54 | 6 3 | 2 15 | |
| M 5 | 22 14 | 23 52 | 3 25 | 25 47 | 2 27 | 23 0 | 2 52 | 14 32 | 1 23 | 22 14 | 0 13 | 12 57 | 2 36 | 22 36 | 0 25 | 16 43 | 0 9 | 17 51 | 5 12 | 22 50 | 22 51 | 24 54 | 6 3 | 2 15 | |
| T 6 | 22 22 | 21 47 | 4 10 | 25 43 | 2 24 | 22 45 | 2 50 | 14 16 | 1 22 | 22 12 | 0 13 | 12 56 | 2 36 | 22 36 | 0 25 | 16 43 | 0 9 | 17 51 | 5 12 | 22 50 | 22 51 | 24 54 | 6 2 | 2 15 | |
| W 7 | 22 29 | 18 44 | 4 45 | 25 37 | 2 22 | 22 29 | 2 47 | 14 0 | 1 20 | 22 11 | 0 13 | 12 55 | 2 36 | 22 35 | 0 25 | 16 43 | 0 9 | 17 51 | 5 12 | 22 50 | 22 50 | 24 54 | 6 2 | 2 14 | |
| T 8 | 22 36 | 14 53 | 5 8 | 25 31 | 2 18 | 22 13 | 2 45 | 13 44 | 1 19 | 22 9 | 0 13 | 12 54 | 2 35 | 22 35 | 0 25 | 16 44 | 0 9 | 17 52 | 5 12 | 22 50 | 22 50 | 24 54 | 6 1 | 2 14 | |
| F 9 | 22 42 | 10 20 | 5 18 | 25 23 | 2 13 | 21 57 | 2 42 | 13 27 | 1 18 | 22 7 | 0 13 | 12 53 | 2 35 | 22 34 | 0 25 | 16 44 | 0 9 | 17 52 | 5 12 | 22 50 | 22 50 | 24 54 | 6 1 | 2 14 | |
| S 10 | 22 48 | 5 15 | 5 12 | 25 13 | 2 8 | 21 40 | 2 39 | 13 11 | 1 17 | 22 5 | 0 13 | 12 52 | 2 35 | 22 34 | 0 25 | 16 44 | 0 9 | 17 52 | 5 12 | 22 50 | 22 50 | 24 54 | 6 0 | 2 14 | |
| S 11 | 22 53 | 0 s13 | 4 51 | 25 3 | 2 1 | 21 23 | 2 35 | 12 54 | 1 15 | 22 3 | 0 13 | 12 51 | 2 35 | 22 34 | 0 25 | 16 44 | 0 9 | 17 52 | 5 12 | 22 50 | 22 49 | 24 54 | 6 0 | 2 14 | |
| M12 | 22 58 | 5 51 | 4 13 | 24 52 | 1 54 | 21 6 | 2 32 | 12 38 | 1 14 | 22 2 | 0 13 | 12 51 | 2 35 | 22 33 | 0 25 | 16 44 | 0 9 | 17 52 | 5 12 | 22 50 | 22 49 | 24 54 | 6 0 | 2 13 | |
| T 13 | 23 3 | 11 25 | 3 19 | 24 40 | 1 45 | 20 48 | 2 28 | 12 21 | 1 13 | 22 0 | 0 13 | 12 50 | 2 34 | 22 33 | 0 25 | 16 45 | 0 9 | 17 52 | 5 12 | 22 51 | 22 49 | 24 54 | 5 59 | 2 13 | |
| W14 | 23 7 | 16 32 | 2 11 | 24 27 | 1 35 | 20 30 | 2 24 | 12 4 | 1 12 | 21 58 | 0 14 | 12 49 | 2 34 | 22 32 | 0 25 | 16 45 | 0 9 | 17 52 | 5 12 | 22 51 | 22 48 | 24 54 | 5 59 | 2 13 | |
| T 15 | 23 11 | 20 47 | 0 53 | 24 13 | 1 24 | 20 12 | 2 20 | 11 47 | 1 10 | 21 56 | 0 14 | 12 48 | 2 34 | 22 32 | 0 25 | 16 45 | 0 9 | 17 52 | 5 12 | 22 51 | 22 48 | 24 54 | 5 58 | 2 13 | |
| F 16 | 23 14 | 23 44 | 0 s30 | 23 59 | 1 11 | 19 53 | 2 16 | 11 29 | 1 9 | 21 54 | 0 14 | 12 48 | 2 34 | 22 31 | 0 25 | 16 46 | 0 9 | 17 52 | 5 12 | 22 51 | 22 48 | 24 54 | 5 58 | 2 13 | |
| S 17 | 23 17 | 24 58 | 1 52 | 23 44 | 0 57 | 19 34 | 2 11 | 11 12 | 1 8 | 21 52 | 0 14 | 12 47 | 2 33 | 22 31 | 0 25 | 16 46 | 0 9 | 17 52 | 5 12 | 22 51 | 22 48 | 24 54 | 5 58 | 2 12 | |
| S 18 | 23 19 | 24 22 | 3 6 | 23 29 | 0 42 | 19 14 | 2 6 | 10 55 | 1 7 | 21 50 | 0 14 | 12 46 | 2 33 | 22 30 | 0 25 | 16 46 | 0 9 | 17 52 | 5 12 | 22 50 | 22 47 | 24 54 | 5 58 | 2 12 | |
| M19 | 23 21 | 22 1 | 4 6 | 23 13 | 0 26 | 18 55 | 2 1 | 10 37 | 1 5 | 21 48 | 0 14 | 12 46 | 2 33 | 22 30 | 0 25 | 16 46 | 0 9 | 17 53 | 5 12 | 22 50 | 22 47 | 24 54 | 5 57 | 2 12 | |
| T 20 | 23 22 | 18 16 | 4 49 | 22 57 | 0 8 | 18 35 | 1 56 | 10 20 | 1 4 | 21 46 | 0 14 | 12 45 | 2 33 | 22 29 | 0 25 | 16 47 | 0 9 | 17 53 | 5 12 | 22 50 | 22 47 | 24 54 | 5 57 | 2 12 | |
| W21 | 23 23 | 13 33 | 5 12 | 22 42 | 0n11 | 18 15 | 1 50 | 10 2 | 1 3 | 21 44 | 0 14 | 12 45 | 2 32 | 22 29 | 0 25 | 16 47 | 0 9 | 17 53 | 5 12 | 22 50 | 22 46 | 24 54 | 5 57 | 2 12 | |
| T 22 | 23 23 | 8 15 | 5 17 | 22 26 | 0 30 | 17 55 | 1 44 | 9 45 | 1 2 | 21 41 | 0 14 | 12 44 | 2 32 | 22 29 | 0 25 | 16 47 | 0 9 | 17 53 | 5 11 | 22 50 | 22 46 | 24 54 | 5 57 | 2 11 | |
| F 23 | 23 23 | 2 44 | 5 4 | 22 11 | 0 50 | 17 35 | 1 38 | 9 27 | 1 0 | 21 39 | 0 14 | 12 44 | 2 32 | 22 28 | 0 25 | 16 48 | 0 9 | 17 53 | 5 11 | 22 50 | 22 46 | 24 54 | 5 57 | 2 11 | |
| S 24 | 23 23 | 2n45 | 4 35 | 21 55 | 1 10 | 17 14 | 1 32 | 9 9 | 0 59 | 21 37 | 0 14 | 12 43 | 2 32 | 22 28 | 0 25 | 16 48 | 0 9 | 17 53 | 5 11 | 22 50 | 22 45 | 24 54 | 5 56 | 2 11 | |
| S 25 | 23 21 | 8 0 | 3 53 | 21 40 | 1 30 | 16 54 | 1 25 | 8 51 | 0 58 | 21 35 | 0 14 | 12 43 | 2 31 | 22 27 | 0 25 | 16 48 | 0 9 | 17 53 | 5 11 | 22 50 | 22 45 | 24 54 | 5 56 | 2 11 | |
| M26 | 23 20 | 12 50 | 3 2 | 21 26 | 1 48 | 16 33 | 1 19 | 8 33 | 0 57 | 21 33 | 0 14 | 12 43 | 2 31 | 22 27 | 0 25 | 16 49 | 0 9 | 17 53 | 5 11 | 22 50 | 22 45 | 24 54 | 5 56 | 2 11 | |
| T 27 | 23 18 | 17 3 | 2 2 | 21 12 | 2 6 | 16 12 | 1 11 | 8 15 | 0 56 | 21 30 | 0 15 | 12 42 | 2 31 | 22 26 | 0 25 | 16 49 | 0 9 | 17 53 | 5 11 | 22 51 | 22 44 | 24 54 | 5 56 | 2 10 | |
| W28 | 23 16 | 20 31 | 0 59 | 20 59 | 2 21 | 15 51 | 1 4 | 7 57 | 0 54 | 21 28 | 0 15 | 12 42 | 2 31 | 22 26 | 0 25 | 16 49 | 0 9 | 17 54 | 5 11 | 22 51 | 22 44 | 24 54 | 5 56 | 2 10 | |
| T 29 | 23 13 | 23 4 | 0n 7 | 20 47 | 2 35 | 15 30 | 0 56 | 7 39 | 0 53 | 21 26 | 0 15 | 12 42 | 2 30 | 22 25 | 0 25 | 16 50 | 0 9 | 17 54 | 5 11 | 22 51 | 22 44 | 24 54 | 5 56 | 2 10 | |
| F 30 | 23 9 | 24 35 | 1 12 | 20 37 | 2 46 | 15 9 | 0 48 | 7 21 | 0 52 | 21 23 | 0 15 | 12 42 | 2 30 | 22 25 | 0 25 | 16 50 | 0 9 | 17 54 | 5 11 | 22 51 | 22 44 | 24 54 | 5 56 | 2 10 | |
| S 31 | 23 s 6 | 24n58 | 2n14 | 20 s29 | 2n54 | 14 s49 | 0 s40 | 7 s 3 | 0 s51 | 21 s21 | 0 s15 | 12n42 | 2 s30 | 22 s24 | 0 s25 | 16n51 | 0 s 9 | 17n54 | 5 s11 | 22n50 | 22n43 | 24n54 | 5n56 | 2n10 | |

Julian Day Number = 2601993.5, Delta T = 09m13s
Ecliptic obliquity = 23°23'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°29'57, Lahiri = 29°36'58


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## JANUARY 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 40 45 | 9♑51'23 | 24♋47 | 28°R54 | 22♒34 | 14♓48 | 25♑ 6 | 10°R53 | 19♑24 | 12°R35 | 9°R 7 | 17°R54 | 16♊37 | 17♋ 1 | 10♈ 0 | S 1 |
| M 2 | 6 44 42 | 10°52'28 | 6♌37 | 28♐ 4 | 23°12 | 15°33 | 25°20 | 10♉52 | 19°27 | 12♌34 | 9♋ 6 | 17♊50 | 16°34 | 17° 8 | 10° 1 | M 2 |
| T 3 | 6 48 38 | 11°53'34 | 18°31 | 27°24 | 23°49 | 16°17 | 25°34 | 10°51 | 19°31 | 12°33 | 9° 4 | 17°46 | 16°31 | 17°14 | 10° 1 | T 3 |
| W 4 | 6 52 35 | 12°54'40 | 0♍31 | 26°55 | 24°24 | 17° 2 | 25°48 | 10°50 | 19°35 | 12°31 | 9° 3 | 17°41 | 16°28 | 17°21 | 10° 2 | W 4 |
| T 5 | 6 56 31 | 13°55'47 | 12°40 | 26°36 | 24°59 | 17°47 | 26° 2 | 10°49 | 19°38 | 12°30 | 9° 2 | 17°37 | 16°24 | 17°28 | 10° 3 | T 5 |
| F 6 | 7 0 28 | 14°56'55 | 25° 0 | 26°D28 | 25°31 | 18°31 | 26°16 | 10°48 | 19°42 | 12°28 | 9° 1 | 17°35 | 16°21 | 17°34 | 10° 4 | F 6 |
| S 7 | 7 4 25 | 15°58'02 | 7♎37 | 26°29 | 26° 3 | 19°16 | 26°29 | 10°47 | 19°45 | 12°27 | 9° 0 | 17°33 | 16°18 | 17°41 | 10° 5 | S 7 |
| S 8 | 7 8 21 | 16°59'10 | 20°32 | 26°39 | 26°32 | 20° 1 | 26°43 | 10°47 | 19°49 | 12°25 | 8°58 | 17°D33 | 16°15 | 17°48 | 10° 6 | S 8 |
| M 9 | 7 12 18 | 18° 0'19 | 3♏51 | 26°57 | 27° 0 | 20°45 | 26°57 | 10°46 | 19°52 | 12°24 | 8°57 | 17°34 | 16°12 | 17°54 | 10° 7 | M 9 |
| T 10 | 7 16 14 | 19° 1'28 | 17°34 | 27°22 | 27°27 | 21°30 | 27°11 | 10°46 | 19°56 | 12°22 | 8°56 | 17°35 | 16° 9 | 18° 1 | 10° 8 | T 10 |
| W11 | 7 20 11 | 20° 2'37 | 1♐44 | 27°54 | 27°51 | 22°14 | 27°25 | 10°46 | 20° 0 | 12°21 | 8°55 | 17°37 | 16° 5 | 18° 8 | 10° 9 | W11 |
| T 12 | 7 24 7 | 21° 3'47 | 16°20 | 28°32 | 28°14 | 22°59 | 27°39 | 10°45 | 20° 3 | 12°19 | 8°54 | 17°R37 | 16° 2 | 18°14 | 10°10 | T 12 |
| F 13 | 7 28 4 | 22° 4'57 | 1♑17 | 29°16 | 28°35 | 23°44 | 27°53 | 10°D45 | 20° 7 | 12°18 | 8°52 | 17°37 | 15°59 | 18°21 | 10°11 | F 13 |
| S 14 | 7 32 0 | 23° 6'07 | 16°29 | 0♑ 4 | 28°54 | 24°28 | 28° 7 | 10°45 | 20°10 | 12°16 | 8°51 | 17°34 | 15°56 | 18°28 | 10°13 | S 14 |
| S 15 | 7 35 57 | 24° 7'16 | 1♒46 | 0°56 | 29°10 | 25°13 | 28°21 | 10°46 | 20°14 | 12°15 | 8°50 | 17°30 | 15°53 | 18°34 | 10°14 | S 15 |
| M16 | 7 39 54 | 25° 8'26 | 16°58 | 1°53 | 29°25 | 25°58 | 28°35 | 10°46 | 20°18 | 12°13 | 8°49 | 17°24 | 15°49 | 18°41 | 10°16 | M16 |
| T 17 | 7 43 50 | 26° 9'35 | 1♓53 | 2°53 | 29°38 | 26°42 | 28°49 | 10°46 | 20°21 | 12°11 | 8°48 | 17°18 | 15°46 | 18°48 | 10°17 | T 17 |
| W18 | 7 47 47 | 27°10'44 | 16°26 | 3°55 | 29°48 | 27°27 | 29° 4 | 10°47 | 20°25 | 12°10 | 8°47 | 17°12 | 15°43 | 18°54 | 10°19 | W18 |
| T 19 | 7 51 43 | 28°11'52 | 0♈29 | 5° 1 | 29°56 | 28°11 | 29°18 | 10°48 | 20°28 | 12° 8 | 8°45 | 17° 8 | 15°40 | 19° 1 | 10°20 | T 19 |
| F 20 | 7 55 40 | 29°12'59 | 14° 4 | 6° 9 | 0♓ 2 | 28°56 | 29°32 | 10°48 | 20°32 | 12° 6 | 8°44 | 17° 5 | 15°37 | 19° 8 | 10°22 | F 20 |
| S 21 | 7 59 36 | 0♒14'06 | 27°10 | 7°19 | 0° 5 | 29°40 | 29°46 | 10°49 | 20°35 | 12° 5 | 8°43 | 17°D 3 | 15°34 | 19°14 | 10°24 | S 21 |
| S 22 | 8 3 33 | 1°15'12 | 9♉52 | 8°31 | 0°R 6 | 0♈25 | 29°59 | 10°50 | 20°39 | 12° 3 | 8°42 | 17° 4 | 15°30 | 19°21 | 10°25 | S 22 |
| M23 | 8 7 29 | 2°16'18 | 22°14 | 9°45 | 0° 5 | 1° 9 | 0♒14 | 10°51 | 20°42 | 12° 1 | 8°41 | 17° 5 | 15°27 | 19°28 | 10°27 | M23 |
| T 24 | 8 11 26 | 3°17'23 | 4♊21 | 11° 1 | 0° 1 | 1°54 | 0°28 | 10°53 | 20°46 | 12° 0 | 8°40 | 17° 7 | 15°24 | 19°34 | 10°29 | T 24 |
| W25 | 8 15 23 | 4°18'27 | 16°17 | 12°18 | 29♒54 | 2°38 | 0°42 | 10°54 | 20°50 | 11°58 | 8°39 | 17°R 7 | 15°21 | 19°41 | 10°31 | W25 |
| T 26 | 8 19 19 | 5°19'31 | 28° 7 | 13°37 | 29°45 | 3°23 | 0°56 | 10°55 | 20°53 | 11°56 | 8°38 | 17° 6 | 15°18 | 19°48 | 10°33 | T 26 |
| F 27 | 8 23 16 | 6°20'33 | 9♋55 | 14°57 | 29°33 | 4° 7 | 1°10 | 10°57 | 20°57 | 11°55 | 8°37 | 17° 4 | 15°15 | 19°54 | 10°35 | F 27 |
| S 28 | 8 27 12 | 7°21'36 | 21°43 | 16°17 | 29°19 | 4°52 | 1°24 | 10°59 | 21° 0 | 11°53 | 8°36 | 16°58 | 15°11 | 20° 1 | 10°37 | S 28 |
| S 29 | 8 31 9 | 8°22'37 | 3♌35 | 17°40 | 29° 2 | 5°36 | 1°38 | 11° 0 | 21° 3 | 11°51 | 8°35 | 16°51 | 15° 8 | 20° 8 | 10°39 | S 29 |
| M30 | 8 35 5 | 9°23'38 | 15°31 | 19° 3 | 28°43 | 6°20 | 1°52 | 11° 2 | 21° 7 | 11°50 | 8°34 | 16°41 | 15° 5 | 20°14 | 10°41 | M30 |
| T 31 | 8 39 2 | 10♒24'38 | 27♌33 | 20♑27 | 28♒22 | 7♈ 5 | 2♒ 6 | 11♉ 4 | 21♑10 | 11♌48 | 8♋33 | 16♊30 | 15♊ 2 | 20♋21 | 10♈43 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 1 | 24n14 | 3n 9 | 20s22 | 3n 1 | 14s28 | 0s32 | 6s44 | 0s50 | 21s19 | 0s15 | 12n41 | 2s29 | 22s24 | 0s25 | 16n51 | 0s 9 | 17n54 | 5s11 | 22n50 | 22n43 | 24n54 | 5n56 | 2n 9 |
| M 2 | 22 57 | 22 24 | 3 57 | 20 18 | 3 4 | 14 7 | 0 23 | 6 26 | 0 49 | 21 16 | 0 15 | 12 41 | 2 29 | 22 23 | 0 25 | 16 51 | 0 9 | 17 54 | 5 11 | 22 50 | 22 43 | 24 54 | 5 56 | 2 9 |
| T 3 | 22 51 | 19 35 | 4 34 | 20 16 | 3 6 | 13 46 | 0 14 | 6 8 | 0 47 | 21 14 | 0 15 | 12 41 | 2 29 | 22 23 | 0 25 | 16 52 | 0 9 | 17 54 | 5 11 | 22 49 | 22 42 | 24 53 | 5 56 | 2 9 |
| W 4 | 22 46 | 15 56 | 5 0 | 20 15 | 3 6 | 13 25 | 0 4 | 5 49 | 0 46 | 21 11 | 0 15 | 12 41 | 2 29 | 22 22 | 0 25 | 16 52 | 0 9 | 17 54 | 5 11 | 22 49 | 22 42 | 24 53 | 5 56 | 2 9 |
| T 5 | 22 40 | 11 36 | 5 13 | 20 17 | 3 4 | 13 5 | 0n 6 | 5 31 | 0 45 | 21 9 | 0 15 | 12 41 | 2 28 | 22 22 | 0 25 | 16 53 | 0 9 | 17 55 | 5 11 | 22 49 | 22 42 | 24 53 | 5 57 | 2 9 |
| F 6 | 22 33 | 6 44 | 5 11 | 20 20 | 3 0 | 12 44 | 0 16 | 5 12 | 0 44 | 21 6 | 0 15 | 12 41 | 2 28 | 22 21 | 0 25 | 16 53 | 0 9 | 17 55 | 5 11 | 22 48 | 22 41 | 24 53 | 5 57 | 2 8 |
| S 7 | 22 26 | 1 30 | 4 55 | 20 25 | 2 55 | 12 24 | 0 26 | 4 54 | 0 43 | 21 4 | 0 15 | 12 41 | 2 28 | 22 21 | 0 25 | 16 53 | 0 9 | 17 55 | 5 11 | 22 48 | 22 41 | 24 53 | 5 57 | 2 8 |
| S 8 | 22 19 | 3s56 | 4 23 | 20 31 | 2 49 | 12 4 | 0 37 | 4 35 | 0 42 | 21 1 | 0 16 | 12 41 | 2 27 | 22 20 | 0 25 | 16 54 | 0 9 | 17 55 | 5 11 | 22 48 | 22 41 | 24 53 | 5 57 | 2 8 |
| M 9 | 22 11 | 9 22 | 3 37 | 20 38 | 2 43 | 11 44 | 0 48 | 4 17 | 0 41 | 20 59 | 0 16 | 12 41 | 2 27 | 22 20 | 0 25 | 16 54 | 0 9 | 17 55 | 5 11 | 22 48 | 22 40 | 24 53 | 5 57 | 2 8 |
| T 10 | 22 2 | 14 31 | 2 37 | 20 46 | 2 35 | 11 25 | 0 59 | 3 58 | 0 40 | 20 56 | 0 16 | 12 42 | 2 27 | 22 19 | 0 25 | 16 55 | 0 9 | 17 55 | 5 10 | 22 48 | 22 40 | 24 52 | 5 58 | 2 8 |
| W11 | 21 54 | 19 4 | 1 26 | 20 55 | 2 27 | 11 5 | 1 11 | 3 40 | 0 38 | 20 53 | 0 16 | 12 42 | 2 27 | 22 19 | 0 25 | 16 55 | 0 9 | 17 56 | 5 10 | 22 49 | 22 40 | 24 52 | 5 58 | 2 7 |
| T 12 | 21 44 | 22 34 | 0 7 | 21 4 | 2 19 | 10 46 | 1 22 | 3 21 | 0 37 | 20 51 | 0 16 | 12 42 | 2 26 | 22 18 | 0 25 | 16 56 | 0 9 | 17 56 | 5 10 | 22 49 | 22 39 | 24 52 | 5 58 | 2 7 |
| F 13 | 21 35 | 24 37 | 1s14 | 21 13 | 2 10 | 10 28 | 1 35 | 3 2 | 0 36 | 20 48 | 0 16 | 12 42 | 2 26 | 22 17 | 0 25 | 16 56 | 0 9 | 17 56 | 5 10 | 22 49 | 22 39 | 24 52 | 5 59 | 2 7 |
| S 14 | 21 25 | 24 52 | 2 31 | 21 22 | 2 1 | 10 10 | 1 47 | 2 44 | 0 35 | 20 45 | 0 16 | 12 43 | 2 26 | 22 17 | 0 25 | 16 56 | 0 9 | 17 56 | 5 10 | 22 48 | 22 39 | 24 52 | 5 59 | 2 7 |
| S 15 | 21 14 | 23 15 | 3 38 | 21 31 | 1 52 | 9 52 | 2 0 | 2 25 | 0 34 | 20 42 | 0 16 | 12 43 | 2 25 | 22 16 | 0 25 | 16 57 | 0 9 | 17 56 | 5 10 | 22 48 | 22 38 | 24 52 | 5 59 | 2 7 |
| M16 | 21 4 | 19 58 | 4 28 | 21 40 | 1 43 | 9 34 | 2 13 | 2 6 | 0 33 | 20 40 | 0 16 | 12 43 | 2 25 | 22 16 | 0 25 | 16 57 | 0 9 | 17 56 | 5 10 | 22 47 | 22 38 | 24 51 | 6 0 | 2 7 |
| T 17 | 20 52 | 15 26 | 4 59 | 21 48 | 1 34 | 9 17 | 2 26 | 1 48 | 0 32 | 20 37 | 0 16 | 12 44 | 2 25 | 22 15 | 0 25 | 16 58 | 0 9 | 17 56 | 5 10 | 22 47 | 22 38 | 24 51 | 6 0 | 2 6 |
| W18 | 20 41 | 10 7 | 5 10 | 21 56 | 1 24 | 9 1 | 2 40 | 1 29 | 0 31 | 20 34 | 0 16 | 12 44 | 2 24 | 22 15 | 0 25 | 16 58 | 0 9 | 17 57 | 5 10 | 22 46 | 22 37 | 24 51 | 6 0 | 2 6 |
| T 19 | 20 29 | 4 26 | 5 2 | 22 3 | 1 15 | 8 45 | 2 54 | 1 10 | 0 30 | 20 31 | 0 17 | 12 45 | 2 24 | 22 14 | 0 25 | 16 59 | 0 9 | 17 57 | 5 10 | 22 46 | 22 37 | 24 51 | 6 1 | 2 6 |
| F 20 | 20 16 | 1n17 | 4 37 | 22 9 | 1 6 | 8 30 | 3 8 | 0 52 | 0 29 | 20 29 | 0 17 | 12 45 | 2 24 | 22 14 | 0 25 | 16 59 | 0 9 | 17 57 | 5 10 | 22 46 | 22 37 | 24 51 | 6 1 | 2 6 |
| S 21 | 20 3 | 6 44 | 3 58 | 22 15 | 0 56 | 8 16 | 3 22 | 0 33 | 0 28 | 20 26 | 0 17 | 12 46 | 2 24 | 22 13 | 0 25 | 17 0 | 0 9 | 17 57 | 5 10 | 22 45 | 22 36 | 24 50 | 6 2 | 2 6 |
| S 22 | 19 50 | 11 46 | 3 8 | 22 20 | 0 47 | 8 2 | 3 37 | 0 14 | 0 27 | 20 23 | 0 17 | 12 46 | 2 23 | 22 13 | 0 25 | 17 0 | 0 9 | 17 57 | 5 9 | 22 46 | 22 36 | 24 50 | 6 2 | 2 5 |
| M23 | 19 37 | 16 11 | 2 11 | 22 24 | 0 38 | 7 49 | 3 51 | 0n 4 | 0 25 | 20 20 | 0 17 | 12 47 | 2 23 | 22 12 | 0 25 | 17 1 | 0 9 | 17 57 | 5 9 | 22 46 | 22 36 | 24 50 | 6 3 | 2 5 |
| T 24 | 19 23 | 19 50 | 1 9 | 22 27 | 0 29 | 7 36 | 4 6 | 0 23 | 0 24 | 20 17 | 0 17 | 12 48 | 2 23 | 22 12 | 0 25 | 17 1 | 0 9 | 17 58 | 5 9 | 22 46 | 22 35 | 24 50 | 6 3 | 2 5 |
| W25 | 19 8 | 22 36 | 0 5 | 22 28 | 0 21 | 7 25 | 4 21 | 0 41 | 0 23 | 20 14 | 0 17 | 12 48 | 2 22 | 22 11 | 0 25 | 17 2 | 0 9 | 17 58 | 5 9 | 22 46 | 22 35 | 24 49 | 6 4 | 2 5 |
| T 26 | 18 54 | 24 21 | 0n59 | 22 29 | 0 12 | 7 14 | 4 36 | 1 0 | 0 22 | 20 11 | 0 17 | 12 49 | 2 22 | 22 11 | 0 25 | 17 2 | 0 9 | 17 58 | 5 9 | 22 46 | 22 35 | 24 49 | 6 5 | 2 5 |
| F 27 | 18 39 | 25 1 | 2 0 | 22 29 | 0 4 | 7 4 | 4 50 | 1 18 | 0 21 | 20 8 | 0 17 | 12 50 | 2 22 | 22 10 | 0 25 | 17 2 | 0 9 | 17 58 | 5 9 | 22 46 | 22 34 | 24 49 | 6 5 | 2 4 |
| S 28 | 18 23 | 24 31 | 2 55 | 22 28 | 0s 4 | 6 55 | 5 5 | 1 37 | 0 20 | 20 5 | 0 17 | 12 51 | 2 22 | 22 10 | 0 25 | 17 3 | 0 9 | 17 58 | 5 9 | 22 45 | 22 34 | 24 49 | 6 6 | 2 4 |
| S 29 | 18 8 | 22 56 | 3 43 | 22 26 | 0 12 | 6 47 | 5 20 | 1 55 | 0 19 | 20 2 | 0 17 | 12 51 | 2 21 | 22 9 | 0 25 | 17 3 | 0 9 | 17 58 | 5 9 | 22 44 | 22 34 | 24 48 | 6 7 | 2 4 |
| M30 | 17 52 | 20 19 | 4 22 | 22 22 | 0 20 | 6 40 | 5 34 | 2 14 | 0 18 | 19 59 | 0 18 | 12 52 | 2 21 | 22 9 | 0 25 | 17 4 | 0 9 | 17 59 | 5 9 | 22 43 | 22 33 | 24 48 | 6 7 | 2 4 |
| T 31 | 17s35 | 16n49 | 4n49 | 22s17 | 0s28 | 6s33 | 5n49 | 2n32 | 0s17 | 19s56 | 0s18 | 12n53 | 2s21 | 22s 8 | 0s25 | 17n 4 | 0s 9 | 17n59 | 5s 8 | 22n42 | 22n33 | 24n48 | 6n 8 | 2n 4 |

Julian Day Number = 2602024.5, Delta T = 09m13s
Ecliptic obliquity = 23°23'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'01, Lahiri = 29°37'02


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## FEBRUARY 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 42 58 | 11♒25'37 | 9♍43 | 21♑52 | 27°R58 | 7♈49 | 2♒20 | 11♉ 6 | 21♑14 | 11°R46 | 8°R32 | 16°R19 | 14♊59 | 20♋28 | 10♈45 | W 1 |
| T 2 | 8 46 55 | 12°26'35 | 22° 1 | 23°17 | 27♒32 | 8°33 | 2°34 | 11° 8 | 21°17 | 11♌45 | 8♋31 | 16♊ 9 | 14°55 | 20°35 | 10°48 | T 2 |
| F 3 | 8 50 52 | 13°27'33 | 4♎30 | 24°44 | 27° 4 | 9°18 | 2°48 | 11°11 | 21°21 | 11°43 | 8°30 | 16° 1 | 14°52 | 20°41 | 10°50 | F 3 |
| S 4 | 8 54 48 | 14°28'30 | 17°11 | 26°12 | 26°35 | 10° 2 | 3° 2 | 11°13 | 21°24 | 11°41 | 8°29 | 15°55 | 14°49 | 20°48 | 10°52 | S 4 |
| S 5 | 8 58 45 | 15°29'27 | 0♏ 6 | 27°40 | 26° 3 | 10°46 | 3°16 | 11°16 | 21°27 | 11°40 | 8°28 | 15°51 | 14°46 | 20°55 | 10°55 | S 5 |
| M 6 | 9 2 41 | 16°30'23 | 13°19 | 29° 9 | 25°30 | 11°30 | 3°30 | 11°18 | 21°31 | 11°38 | 8°27 | 15°D50 | 14°43 | 21° 1 | 10°57 | M 6 |
| T 7 | 9 6 38 | 17°31'19 | 26°52 | 0♒39 | 24°56 | 12°14 | 3°44 | 11°21 | 21°34 | 11°36 | 8°26 | 15°50 | 14°40 | 21° 8 | 11° 0 | T 7 |
| W 8 | 9 10 34 | 18°32'13 | 10♐47 | 2° 9 | 24°21 | 12°58 | 3°58 | 11°24 | 21°37 | 11°35 | 8°25 | 15°R51 | 14°36 | 21°15 | 11° 2 | W 8 |
| T 9 | 9 14 31 | 19°33'08 | 25° 5 | 3°41 | 23°45 | 13°43 | 4°11 | 11°27 | 21°41 | 11°33 | 8°24 | 15°51 | 14°33 | 21°21 | 11° 5 | T 9 |
| F 10 | 9 18 27 | 20°34'01 | 9♑44 | 5°13 | 23° 8 | 14°27 | 4°25 | 11°30 | 21°44 | 11°31 | 8°23 | 15°48 | 14°30 | 21°28 | 11° 7 | F 10 |
| S 11 | 9 22 24 | 21°34'54 | 24°40 | 6°46 | 22°31 | 15°11 | 4°39 | 11°33 | 21°47 | 11°30 | 8°22 | 15°44 | 14°27 | 21°35 | 11°10 | S 11 |
| S 12 | 9 26 21 | 22°35'45 | 9♒47 | 8°19 | 21°54 | 15°55 | 4°53 | 11°36 | 21°50 | 11°28 | 8°22 | 15°36 | 14°24 | 21°41 | 11°13 | S 12 |
| M13 | 9 30 17 | 23°36'36 | 24°54 | 9°54 | 21°17 | 16°39 | 5° 7 | 11°39 | 21°54 | 11°26 | 8°21 | 15°26 | 14°21 | 21°48 | 11°15 | M13 |
| T 14 | 9 34 14 | 24°37'25 | 9♓51 | 11°29 | 20°40 | 17°23 | 5°20 | 11°43 | 21°57 | 11°25 | 8°20 | 15°15 | 14°17 | 21°55 | 11°18 | T 14 |
| W15 | 9 38 10 | 25°38'13 | 24°29 | 13° 5 | 20° 4 | 18° 7 | 5°34 | 11°46 | 22° 0 | 11°23 | 8°19 | 15° 4 | 14°14 | 22° 1 | 11°21 | W15 |
| T 16 | 9 42 7 | 26°38'59 | 8♈41 | 14°41 | 19°29 | 18°50 | 5°48 | 11°50 | 22° 3 | 11°21 | 8°18 | 14°55 | 14°11 | 22° 8 | 11°24 | T 16 |
| F 17 | 9 46 3 | 27°39'44 | 22°24 | 16°19 | 18°56 | 19°34 | 6° 1 | 11°54 | 22° 6 | 11°20 | 8°18 | 14°48 | 14° 8 | 22°15 | 11°27 | F 17 |
| S 18 | 9 50 0 | 28°40'28 | 5♉38 | 17°57 | 18°23 | 20°18 | 6°15 | 11°57 | 22° 9 | 11°18 | 8°17 | 14°43 | 14° 5 | 22°21 | 11°30 | S 18 |
| S 19 | 9 53 56 | 29°41'10 | 18°25 | 19°36 | 17°52 | 21° 2 | 6°28 | 12° 1 | 22°12 | 11°16 | 8°16 | 14°41 | 14° 1 | 22°28 | 11°33 | S 19 |
| M20 | 9 57 53 | 0♓41'50 | 0♊49 | 21°16 | 17°23 | 21°46 | 6°42 | 12° 5 | 22°15 | 11°15 | 8°16 | 14°D40 | 13°58 | 22°35 | 11°36 | M20 |
| T 21 | 10 1 50 | 1°42'29 | 12°56 | 22°56 | 16°55 | 22°29 | 6°55 | 12° 9 | 22°18 | 11°13 | 8°15 | 14°R41 | 13°55 | 22°41 | 11°39 | T 21 |
| W22 | 10 5 46 | 2°43'06 | 24°51 | 24°38 | 16°30 | 23°13 | 7° 9 | 12°14 | 22°21 | 11°12 | 8°14 | 14°40 | 13°52 | 22°48 | 11°42 | W22 |
| T 23 | 10 9 43 | 3°43'42 | 6♋40 | 26°20 | 16° 6 | 23°57 | 7°22 | 12°18 | 22°24 | 11°10 | 8°14 | 14°38 | 13°49 | 22°55 | 11°45 | T 23 |
| F 24 | 10 13 39 | 4°44'16 | 18°27 | 28° 4 | 15°45 | 24°40 | 7°35 | 12°22 | 22°27 | 11° 9 | 8°13 | 14°34 | 13°46 | 23° 1 | 11°48 | F 24 |
| S 25 | 10 17 36 | 5°44'48 | 0♌17 | 29°48 | 15°27 | 25°24 | 7°49 | 12°27 | 22°30 | 11° 7 | 8°13 | 14°27 | 13°42 | 23° 8 | 11°51 | S 25 |
| S 26 | 10 21 32 | 6°45'18 | 12°13 | 1♓33 | 15°10 | 26° 8 | 8° 2 | 12°31 | 22°33 | 11° 6 | 8°12 | 14°16 | 13°39 | 23°15 | 11°54 | S 26 |
| M27 | 10 25 29 | 7°45'47 | 24°17 | 3°19 | 14°56 | 26°51 | 8°15 | 12°36 | 22°35 | 11° 4 | 8°11 | 14° 4 | 13°36 | 23°21 | 11°57 | M27 |
| T 28 | 10 29 25 | 8°46'14 | 6♍30 | 5° 6 | 14°45 | 27°35 | 8°28 | 12°40 | 22°38 | 11° 3 | 8°11 | 13°50 | 13°33 | 23°28 | 12° 1 | T 28 |
| W29 | 10 33 22 | 9♓46'39 | 18♍53 | 6♓54 | 14♒36 | 28♈18 | 8♒41 | 12♉45 | 22♑41 | 11♌ 1 | 8♋10 | 13♊35 | 13♊30 | 23♋35 | 12♈ 4 | W29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s19 | 12n35 | 5n 3 | 22s12 | 0s35 | 6s28 | 6n 3 | 2n51 | 0s16 | 19s53 | 0s18 | 12n54 | 2s20 | 22s 8 | 0s25 | 17n 5 | 0s 9 | 17n59 | 5s 8 | 22n41 | 22n33 | 24n47 | 6n 9 | 2n 4 |
| T 2 | 17 2 | 7 48 | 5 3 | 22 4 | 0 42 | 6 24 | 6 17 | 3 9 | 0 15 | 19 50 | 0 18 | 12 55 | 2 20 | 22 7 | 0 25 | 17 5 | 0 9 | 17 59 | 5 8 | 22 40 | 22 32 | 24 47 | 6 9 | 2 3 |
| F 3 | 16 45 | 2 39 | 4 49 | 21 56 | 0 49 | 6 21 | 6 30 | 3 27 | 0 14 | 19 47 | 0 18 | 12 56 | 2 20 | 22 7 | 0 25 | 17 6 | 0 9 | 17 59 | 5 8 | 22 39 | 22 32 | 24 47 | 6 10 | 2 3 |
| S 4 | 16 27 | 2s42 | 4 21 | 21 47 | 0 56 | 6 19 | 6 43 | 3 45 | 0 13 | 19 44 | 0 18 | 12 57 | 2 19 | 22 6 | 0 25 | 17 6 | 0 9 | 18 0 | 5 8 | 22 39 | 22 31 | 24 46 | 6 11 | 2 3 |
| S 5 | 16 9 | 8 4 | 3 39 | 21 36 | 1 2 | 6 17 | 6 55 | 4 4 | 0 13 | 19 41 | 0 18 | 12 58 | 2 19 | 22 6 | 0 25 | 17 7 | 0 9 | 18 0 | 5 8 | 22 38 | 22 31 | 24 46 | 6 12 | 2 3 |
| M 6 | 15 51 | 13 11 | 2 45 | 21 24 | 1 8 | 6 17 | 7 7 | 4 22 | 0 12 | 19 38 | 0 18 | 12 59 | 2 19 | 22 5 | 0 25 | 17 7 | 0 9 | 18 0 | 5 8 | 22 38 | 22 31 | 24 46 | 6 12 | 2 3 |
| T 7 | 15 33 | 17 48 | 1 40 | 21 10 | 1 14 | 6 18 | 7 18 | 4 40 | 0 11 | 19 34 | 0 18 | 13 0 | 2 19 | 22 5 | 0 25 | 17 8 | 0 9 | 18 0 | 5 8 | 22 38 | 22 30 | 24 45 | 6 13 | 2 3 |
| W 8 | 15 14 | 21 34 | 0 27 | 20 56 | 1 20 | 6 20 | 7 28 | 4 58 | 0 10 | 19 31 | 0 18 | 13 1 | 2 18 | 22 4 | 0 25 | 17 8 | 0 9 | 18 0 | 5 7 | 22 38 | 22 30 | 24 45 | 6 14 | 2 2 |
| T 9 | 14 55 | 24 7 | 0s49 | 20 40 | 1 25 | 6 22 | 7 37 | 5 16 | 0 9 | 19 28 | 0 19 | 13 3 | 2 18 | 22 4 | 0 25 | 17 9 | 0 9 | 18 0 | 5 7 | 22 38 | 22 30 | 24 45 | 6 15 | 2 2 |
| F 10 | 14 36 | 25 5 | 2 4 | 20 23 | 1 30 | 6 26 | 7 46 | 5 34 | 0 8 | 19 25 | 0 19 | 13 4 | 2 18 | 22 3 | 0 25 | 17 9 | 0 8 | 18 1 | 5 7 | 22 38 | 22 29 | 24 44 | 6 16 | 2 2 |
| S 11 | 14 17 | 24 17 | 3 11 | 20 4 | 1 35 | 6 30 | 7 54 | 5 51 | 0 7 | 19 22 | 0 19 | 13 5 | 2 18 | 22 3 | 0 25 | 17 10 | 0 8 | 18 1 | 5 7 | 22 37 | 22 29 | 24 44 | 6 17 | 2 2 |
| S 12 | 13 57 | 21 42 | 4 6 | 19 45 | 1 39 | 6 35 | 8 1 | 6 9 | 0 6 | 19 18 | 0 19 | 13 6 | 2 17 | 22 2 | 0 25 | 17 10 | 0 8 | 18 1 | 5 7 | 22 37 | 22 29 | 24 44 | 6 18 | 2 2 |
| M13 | 13 37 | 17 38 | 4 43 | 19 24 | 1 44 | 6 41 | 8 7 | 6 27 | 0 5 | 19 15 | 0 19 | 13 7 | 2 17 | 22 2 | 0 25 | 17 11 | 0 8 | 18 1 | 5 7 | 22 36 | 22 28 | 24 43 | 6 19 | 2 2 |
| T 14 | 13 17 | 12 30 | 5 1 | 19 1 | 1 48 | 6 47 | 8 12 | 6 45 | 0 4 | 19 12 | 0 19 | 13 9 | 2 17 | 22 1 | 0 25 | 17 11 | 0 8 | 18 1 | 5 7 | 22 34 | 22 28 | 24 43 | 6 20 | 2 1 |
| W15 | 12 57 | 6 45 | 4 58 | 18 38 | 1 51 | 6 54 | 8 16 | 7 2 | 0 3 | 19 9 | 0 19 | 13 10 | 2 16 | 22 1 | 0 25 | 17 12 | 0 8 | 18 2 | 5 7 | 22 33 | 22 27 | 24 42 | 6 21 | 2 1 |
| T 16 | 12 36 | 0 49 | 4 37 | 18 13 | 1 54 | 7 2 | 8 19 | 7 20 | 0 2 | 19 6 | 0 19 | 13 11 | 2 16 | 22 0 | 0 25 | 17 12 | 0 8 | 18 2 | 5 6 | 22 32 | 22 27 | 24 42 | 6 21 | 2 1 |
| F 17 | 12 16 | 4n59 | 4 0 | 17 47 | 1 57 | 7 10 | 8 21 | 7 37 | 0 2 | 19 2 | 0 19 | 13 13 | 2 16 | 22 0 | 0 25 | 17 12 | 0 8 | 18 2 | 5 6 | 22 31 | 22 27 | 24 42 | 6 22 | 2 1 |
| S 18 | 11 55 | 10 21 | 3 12 | 17 19 | 2 0 | 7 18 | 8 23 | 7 54 | 0 1 | 18 59 | 0 20 | 13 14 | 2 16 | 21 59 | 0 25 | 17 13 | 0 8 | 18 2 | 5 6 | 22 31 | 22 26 | 24 41 | 6 23 | 2 1 |
| S 19 | 11 33 | 15 7 | 2 15 | 16 50 | 2 2 | 7 27 | 8 23 | 8 12 | 0n 0 | 18 56 | 0 20 | 13 16 | 2 15 | 21 59 | 0 25 | 17 13 | 0 8 | 18 2 | 5 6 | 22 31 | 22 26 | 24 41 | 6 24 | 2 1 |
| M20 | 11 12 | 19 5 | 1 13 | 16 20 | 2 4 | 7 36 | 8 23 | 8 29 | 0 1 | 18 53 | 0 20 | 13 17 | 2 15 | 21 58 | 0 25 | 17 14 | 0 8 | 18 3 | 5 6 | 22 30 | 22 26 | 24 40 | 6 26 | 2 1 |
| T 21 | 10 51 | 22 9 | 0 9 | 15 49 | 2 5 | 7 45 | 8 21 | 8 46 | 0 2 | 18 49 | 0 20 | 13 19 | 2 15 | 21 58 | 0 25 | 17 14 | 0 8 | 18 3 | 5 6 | 22 31 | 22 25 | 24 40 | 6 27 | 2 0 |
| W22 | 10 29 | 24 11 | 0n54 | 15 16 | 2 6 | 7 54 | 8 19 | 9 3 | 0 3 | 18 46 | 0 20 | 13 20 | 2 15 | 21 57 | 0 25 | 17 15 | 0 8 | 18 3 | 5 6 | 22 30 | 22 25 | 24 39 | 6 28 | 2 0 |
| T 23 | 10 7 | 25 7 | 1 54 | 14 42 | 2 7 | 8 4 | 8 16 | 9 20 | 0 4 | 18 43 | 0 20 | 13 22 | 2 14 | 21 57 | 0 25 | 17 15 | 0 8 | 18 3 | 5 5 | 22 30 | 22 24 | 24 39 | 6 29 | 2 0 |
| F 24 | 9 45 | 24 54 | 2 49 | 14 7 | 2 7 | 8 13 | 8 13 | 9 36 | 0 4 | 18 39 | 0 20 | 13 23 | 2 14 | 21 56 | 0 25 | 17 16 | 0 8 | 18 3 | 5 5 | 22 30 | 22 24 | 24 39 | 6 30 | 2 0 |
| S 25 | 9 23 | 23 34 | 3 36 | 13 30 | 2 7 | 8 23 | 8 8 | 9 53 | 0 5 | 18 36 | 0 20 | 13 25 | 2 14 | 21 56 | 0 25 | 17 16 | 0 8 | 18 3 | 5 5 | 22 29 | 22 24 | 24 38 | 6 31 | 2 0 |
| S 26 | 9 1 | 21 10 | 4 15 | 12 52 | 2 6 | 8 32 | 8 3 | 10 10 | 0 6 | 18 33 | 0 20 | 13 26 | 2 14 | 21 55 | 0 25 | 17 16 | 0 8 | 18 4 | 5 5 | 22 28 | 22 23 | 24 38 | 6 32 | 2 0 |
| M27 | 8 38 | 17 50 | 4 42 | 12 13 | 2 5 | 8 41 | 7 58 | 10 26 | 0 7 | 18 30 | 0 21 | 13 28 | 2 13 | 21 55 | 0 25 | 17 17 | 0 8 | 18 4 | 5 5 | 22 26 | 22 23 | 24 37 | 6 33 | 2 0 |
| T 28 | 8 16 | 13 42 | 4 57 | 11 32 | 2 4 | 8 50 | 7 52 | 10 42 | 0 8 | 18 26 | 0 21 | 13 30 | 2 13 | 21 55 | 0 25 | 17 17 | 0 8 | 18 4 | 5 5 | 22 25 | 22 23 | 24 37 | 6 34 | 1 59 |
| W29 | 7s53 | 8n58 | 4n58 | 10s51 | 2s 2 | 8s59 | 7n45 | 10n59 | 0n 8 | 18s23 | 0s21 | 13n31 | 2s13 | 21s54 | 0s26 | 17n18 | 0s 8 | 18n 4 | 5s 4 | 22n23 | 22n22 | 24n36 | 6n35 | 1n59 |

Julian Day Number = 2602055.5, Delta T = 09m13s
Ecliptic obliquity = 23°23'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'05, Lahiri = 29°37'07


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## MARCH 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 37 19 | 10♓47'03 | 1♎28 | 8♓42 | 14°R30 | 29♈ 1 | 8♒54 | 12♉50 | 22♑44 | 11°R 0 | 8°R10 | 13°R22 | 13♊27 | 23♋41 | 12♈ 7 | T 1 |
| F 2 | 10 41 15 | 11°47'26 | 14°13 | 10°32 | 14♒26 | 29°45 | 9° 7 | 12°55 | 22°46 | 10♏58 | 8♋ 9 | 13♊10 | 13°23 | 23°48 | 12°10 | F 2 |
| S 3 | 10 45 12 | 12°47'47 | 27° 8 | 12°23 | 14°D24 | 0♉28 | 9°20 | 13° 0 | 22°49 | 10°57 | 8° 9 | 13° 2 | 13°20 | 23°55 | 12°14 | S 3 |
| S 4 | 10 49 8 | 13°48'06 | 10♏15 | 14°14 | 14°25 | 1°11 | 9°33 | 13° 5 | 22°51 | 10°56 | 8° 9 | 12°56 | 13°17 | 24° 1 | 12°17 | S 4 |
| M 5 | 10 53 5 | 14°48'24 | 23°35 | 16° 7 | 14°29 | 1°55 | 9°46 | 13°10 | 22°54 | 10°54 | 8° 8 | 12°54 | 13°14 | 24° 8 | 12°20 | M 5 |
| T 6 | 10 57 1 | 15°48'41 | 7♐ 8 | 18° 0 | 14°34 | 2°38 | 9°59 | 13°15 | 22°56 | 10°53 | 8° 8 | 12°53 | 13°11 | 24°15 | 12°24 | T 6 |
| W 7 | 11 0 58 | 16°48'57 | 20°56 | 19°54 | 14°42 | 3°21 | 10°11 | 13°21 | 22°59 | 10°52 | 8° 7 | 12°53 | 13° 7 | 24°21 | 12°27 | W 7 |
| T 8 | 11 4 54 | 17°49'11 | 5♑ 0 | 21°48 | 14°53 | 4° 4 | 10°24 | 13°26 | 23° 1 | 10°50 | 8° 7 | 12°52 | 13° 4 | 24°28 | 12°31 | T 8 |
| F 9 | 11 8 51 | 18°49'23 | 19°20 | 23°43 | 15° 5 | 4°47 | 10°37 | 13°32 | 23° 4 | 10°49 | 8° 7 | 12°50 | 13° 1 | 24°35 | 12°34 | F 9 |
| S 10 | 11 12 48 | 19°49'34 | 3♒54 | 25°39 | 15°20 | 5°30 | 10°49 | 13°37 | 23° 6 | 10°48 | 8° 7 | 12°44 | 12°58 | 24°41 | 12°38 | S 10 |
| S 11 | 11 16 44 | 20°49'44 | 18°37 | 27°35 | 15°36 | 6°14 | 11° 2 | 13°43 | 23° 8 | 10°47 | 8° 6 | 12°36 | 12°55 | 24°48 | 12°41 | S 11 |
| M12 | 11 20 41 | 21°49'51 | 3♓22 | 29°31 | 15°55 | 6°57 | 11°14 | 13°48 | 23°11 | 10°45 | 8° 6 | 12°26 | 12°52 | 24°55 | 12°45 | M12 |
| T 13 | 11 24 37 | 22°49'57 | 18° 2 | 1♈27 | 16°15 | 7°39 | 11°26 | 13°54 | 23°13 | 10°44 | 8° 6 | 12°14 | 12°48 | 25° 2 | 12°48 | T 13 |
| W14 | 11 28 34 | 23°50'01 | 2♈28 | 3°22 | 16°37 | 8°22 | 11°38 | 14° 0 | 23°15 | 10°43 | 8° 6 | 12° 2 | 12°45 | 25° 8 | 12°52 | W14 |
| T 15 | 11 32 30 | 24°50'04 | 16°34 | 5°17 | 17° 1 | 9° 5 | 11°51 | 14° 6 | 23°17 | 10°42 | 8° 5 | 11°52 | 12°42 | 25°15 | 12°55 | T 15 |
| F 16 | 11 36 27 | 25°50'04 | 0♉16 | 7°11 | 17°27 | 9°48 | 12° 3 | 14°12 | 23°19 | 10°41 | 8° 5 | 11°43 | 12°39 | 25°22 | 12°59 | F 16 |
| S 17 | 11 40 23 | 26°50'02 | 13°31 | 9° 4 | 17°55 | 10°31 | 12°15 | 14°18 | 23°21 | 10°40 | 8° 5 | 11°38 | 12°36 | 25°28 | 13° 2 | S 17 |
| S 18 | 11 44 20 | 27°49'58 | 26°21 | 10°55 | 18°24 | 11°14 | 12°27 | 14°24 | 23°23 | 10°39 | 8° 5 | 11°35 | 12°32 | 25°35 | 13° 6 | S 18 |
| M19 | 11 48 16 | 28°49'52 | 8♊49 | 12°44 | 18°54 | 11°57 | 12°38 | 14°30 | 23°25 | 10°38 | 8° 5 | 11°D34 | 12°29 | 25°42 | 13°10 | M19 |
| T 20 | 11 52 13 | 29°49'44 | 21° 0 | 14°31 | 19°26 | 12°39 | 12°50 | 14°36 | 23°27 | 10°37 | 8° 5 | 11°34 | 12°26 | 25°48 | 13°13 | T 20 |
| W21 | 11 56 10 | 0♈49'34 | 2♋57 | 16°14 | 20° 0 | 13°22 | 13° 2 | 14°42 | 23°29 | 10°36 | 8° 5 | 11°R34 | 12°23 | 25°55 | 13°17 | W21 |
| T 22 | 12 0 6 | 1°49'21 | 14°48 | 17°54 | 20°34 | 14° 5 | 13°13 | 14°49 | 23°31 | 10°35 | 8°D 5 | 11°33 | 12°20 | 26° 2 | 13°21 | T 22 |
| F 23 | 12 4 3 | 2°49'07 | 26°37 | 19°30 | 21°10 | 14°47 | 13°25 | 14°55 | 23°33 | 10°34 | 8° 5 | 11°30 | 12°17 | 26° 8 | 13°24 | F 23 |
| S 24 | 12 7 59 | 3°48'50 | 8♌29 | 21° 1 | 21°48 | 15°30 | 13°36 | 15° 1 | 23°35 | 10°33 | 8° 5 | 11°25 | 12°13 | 26°15 | 13°28 | S 24 |
| S 25 | 12 11 56 | 4°48'31 | 20°29 | 22°28 | 22°26 | 16°12 | 13°48 | 15° 8 | 23°36 | 10°32 | 8° 5 | 11°17 | 12°10 | 26°22 | 13°32 | S 25 |
| M26 | 12 15 52 | 5°48'09 | 2♍39 | 23°49 | 23° 6 | 16°55 | 13°59 | 15°14 | 23°38 | 10°31 | 8° 5 | 11° 7 | 12° 7 | 26°28 | 13°35 | M26 |
| T 27 | 12 19 49 | 6°47'46 | 15° 3 | 25° 5 | 23°47 | 17°37 | 14°10 | 15°21 | 23°40 | 10°31 | 8° 5 | 10°56 | 12° 4 | 26°35 | 13°39 | T 27 |
| W28 | 12 23 45 | 7°47'20 | 27°40 | 26°14 | 24°29 | 18°19 | 14°21 | 15°28 | 23°41 | 10°30 | 8° 5 | 10°44 | 12° 1 | 26°42 | 13°43 | W28 |
| T 29 | 12 27 42 | 8°46'52 | 10♎32 | 27°16 | 25°12 | 19° 2 | 14°32 | 15°34 | 23°43 | 10°29 | 8° 6 | 10°33 | 11°58 | 26°48 | 13°46 | T 29 |
| F 30 | 12 31 39 | 9°46'23 | 23°38 | 28°12 | 25°56 | 19°44 | 14°43 | 15°41 | 23°44 | 10°28 | 8° 6 | 10°24 | 11°54 | 26°55 | 13°50 | F 30 |
| S 31 | 12 35 35 | 10♈45'51 | 6♏56 | 29♈ 1 | 26♒41 | 20♉26 | 14♒54 | 15♉48 | 23♑46 | 10♏28 | 8♋ 6 | 10♊17 | 11♊51 | 27♋ 2 | 13♈54 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s30 | 3n47 | 4n45 | 10s 8 | 1s59 | 9s 8 | 7n38 | 11n15 | 0n 9 | 18s20 | 0s21 | 13n33 | 2s13 | 21s54 | 0s26 | 17n18 | 0s 8 | 18n 4 | 5s 4 | 22n21 | 22n22 | 24n36 | 6n37 | 1n59 |
| F 2 | 7 8 | 1s38 | 4 17 | 9 24 | 1 56 | 9 16 | 7 31 | 11 31 | 0 10 | 18 16 | 0 21 | 13 35 | 2 12 | 21 53 | 0 26 | 17 18 | 0 8 | 18 5 | 5 4 | 22 20 | 22 21 | 24 35 | 6 38 | 1 59 |
| S 3 | 6 45 | 7 4 | 3 36 | 8 38 | 1 53 | 9 24 | 7 23 | 11 47 | 0 11 | 18 13 | 0 21 | 13 36 | 2 12 | 21 53 | 0 26 | 17 19 | 0 8 | 18 5 | 5 4 | 22 19 | 22 21 | 24 35 | 6 39 | 1 59 |
| S 4 | 6 21 | 12 17 | 2 43 | 7 52 | 1 49 | 9 31 | 7 15 | 12 3 | 0 12 | 18 10 | 0 21 | 13 38 | 2 12 | 21 53 | 0 26 | 17 19 | 0 8 | 18 5 | 5 4 | 22 18 | 22 21 | 24 34 | 6 40 | 1 59 |
| M 5 | 5 58 | 17 1 | 1 40 | 7 4 | 1 44 | 9 39 | 7 6 | 12 18 | 0 12 | 18 7 | 0 21 | 13 40 | 2 12 | 21 52 | 0 26 | 17 20 | 0 8 | 18 5 | 5 4 | 22 18 | 22 20 | 24 34 | 6 41 | 1 59 |
| T 6 | 5 35 | 20 57 | 0 30 | 6 15 | 1 39 | 9 45 | 6 58 | 12 34 | 0 13 | 18 3 | 0 22 | 13 42 | 2 11 | 21 52 | 0 26 | 17 20 | 0 8 | 18 5 | 5 3 | 22 18 | 22 20 | 24 33 | 6 43 | 1 59 |
| W 7 | 5 12 | 23 47 | 0s42 | 5 25 | 1 33 | 9 52 | 6 49 | 12 49 | 0 14 | 18 0 | 0 22 | 13 43 | 2 11 | 21 51 | 0 26 | 17 20 | 0 8 | 18 6 | 5 3 | 22 18 | 22 19 | 24 32 | 6 44 | 1 58 |
| T 8 | 4 48 | 25 12 | 1 54 | 4 35 | 1 27 | 9 57 | 6 40 | 13 5 | 0 15 | 17 57 | 0 22 | 13 45 | 2 11 | 21 51 | 0 26 | 17 21 | 0 8 | 18 6 | 5 3 | 22 17 | 22 19 | 24 32 | 6 45 | 1 58 |
| F 9 | 4 25 | 24 58 | 3 0 | 3 43 | 1 20 | 10 3 | 6 31 | 13 20 | 0 15 | 17 53 | 0 22 | 13 47 | 2 11 | 21 51 | 0 26 | 17 21 | 0 8 | 18 6 | 5 3 | 22 17 | 22 19 | 24 31 | 6 46 | 1 58 |
| S 10 | 4 1 | 23 2 | 3 55 | 2 50 | 1 13 | 10 7 | 6 21 | 13 35 | 0 16 | 17 50 | 0 22 | 13 49 | 2 11 | 21 50 | 0 26 | 17 21 | 0 8 | 18 6 | 5 3 | 22 17 | 22 18 | 24 31 | 6 47 | 1 58 |
| S 11 | 3 38 | 19 34 | 4 35 | 1 57 | 1 5 | 10 12 | 6 12 | 13 50 | 0 17 | 17 47 | 0 22 | 13 51 | 2 10 | 21 50 | 0 26 | 17 22 | 0 8 | 18 6 | 5 3 | 22 16 | 22 18 | 24 30 | 6 49 | 1 58 |
| M12 | 3 14 | 14 52 | 4 57 | 1 3 | 0 56 | 10 16 | 6 2 | 14 5 | 0 18 | 17 44 | 0 22 | 13 53 | 2 10 | 21 50 | 0 26 | 17 22 | 0 8 | 18 6 | 5 2 | 22 14 | 22 17 | 24 30 | 6 50 | 1 58 |
| T 13 | 2 50 | 9 19 | 4 59 | 0 9 | 0 47 | 10 19 | 5 53 | 14 19 | 0 18 | 17 40 | 0 22 | 13 55 | 2 10 | 21 49 | 0 26 | 17 22 | 0 8 | 18 7 | 5 2 | 22 13 | 22 17 | 24 29 | 6 51 | 1 58 |
| W14 | 2 27 | 3 20 | 4 42 | 0n46 | 0 37 | 10 22 | 5 43 | 14 34 | 0 19 | 17 37 | 0 23 | 13 56 | 2 10 | 21 49 | 0 26 | 17 23 | 0 8 | 18 7 | 5 2 | 22 11 | 22 17 | 24 28 | 6 53 | 1 58 |
| T 15 | 2 3 | 2n41 | 4 8 | 1 41 | 0 27 | 10 24 | 5 33 | 14 48 | 0 20 | 17 34 | 0 23 | 13 58 | 2 10 | 21 48 | 0 26 | 17 23 | 0 8 | 18 7 | 5 2 | 22 10 | 22 16 | 24 28 | 6 54 | 1 58 |
| F 16 | 1 39 | 8 25 | 3 20 | 2 36 | 0 16 | 10 25 | 5 24 | 15 3 | 0 20 | 17 31 | 0 23 | 14 0 | 2 9 | 21 48 | 0 26 | 17 23 | 0 8 | 18 7 | 5 2 | 22 9 | 22 16 | 24 27 | 6 55 | 1 57 |
| S 17 | 1 15 | 13 35 | 2 23 | 3 31 | 0 5 | 10 26 | 5 14 | 15 17 | 0 21 | 17 27 | 0 23 | 14 2 | 2 9 | 21 48 | 0 26 | 17 24 | 0 8 | 18 7 | 5 2 | 22 8 | 22 15 | 24 27 | 6 56 | 1 57 |
| S 18 | 0 52 | 18 0 | 1 20 | 4 25 | 0n 7 | 10 27 | 5 4 | 15 31 | 0 22 | 17 24 | 0 23 | 14 4 | 2 9 | 21 47 | 0 26 | 17 24 | 0 8 | 18 7 | 5 1 | 22 7 | 22 15 | 24 26 | 6 58 | 1 57 |
| M19 | 0 28 | 21 29 | 0 15 | 5 19 | 0 19 | 10 27 | 4 55 | 15 44 | 0 22 | 17 21 | 0 23 | 14 6 | 2 9 | 21 47 | 0 26 | 17 24 | 0 8 | 18 8 | 5 1 | 22 7 | 22 15 | 24 25 | 6 59 | 1 57 |
| T 20 | 0 4 | 23 55 | 0n50 | 6 11 | 0 31 | 10 26 | 4 45 | 15 58 | 0 23 | 17 18 | 0 23 | 14 8 | 2 9 | 21 47 | 0 26 | 17 25 | 0 8 | 18 8 | 5 1 | 22 7 | 22 14 | 24 25 | 7 0 | 1 57 |
| W21 | 0n20 | 25 12 | 1 51 | 7 3 | 0 44 | 10 25 | 4 35 | 16 12 | 0 24 | 17 15 | 0 24 | 14 10 | 2 8 | 21 47 | 0 26 | 17 25 | 0 8 | 18 8 | 5 1 | 22 7 | 22 14 | 24 24 | 7 2 | 1 57 |
| T 22 | 0 43 | 25 20 | 2 47 | 7 53 | 0 57 | 10 24 | 4 26 | 16 25 | 0 24 | 17 11 | 0 24 | 14 12 | 2 8 | 21 46 | 0 26 | 17 25 | 0 8 | 18 8 | 5 1 | 22 7 | 22 13 | 24 24 | 7 3 | 1 57 |
| F 23 | 1 7 | 24 19 | 3 35 | 8 41 | 1 10 | 10 21 | 4 16 | 16 38 | 0 25 | 17 8 | 0 24 | 14 14 | 2 8 | 21 46 | 0 26 | 17 25 | 0 8 | 18 8 | 5 1 | 22 7 | 22 13 | 24 23 | 7 4 | 1 57 |
| S 24 | 1 31 | 22 12 | 4 15 | 9 28 | 1 22 | 10 19 | 4 7 | 16 51 | 0 26 | 17 5 | 0 24 | 14 16 | 2 8 | 21 46 | 0 26 | 17 26 | 0 8 | 18 8 | 5 0 | 22 6 | 22 13 | 24 22 | 7 6 | 1 57 |
| S 25 | 1 54 | 19 6 | 4 43 | 10 12 | 1 35 | 10 15 | 3 58 | 17 4 | 0 26 | 17 2 | 0 24 | 14 18 | 2 8 | 21 45 | 0 26 | 17 26 | 0 8 | 18 9 | 5 0 | 22 5 | 22 12 | 24 22 | 7 7 | 1 57 |
| M26 | 2 18 | 15 9 | 4 59 | 10 53 | 1 47 | 10 11 | 3 48 | 17 17 | 0 27 | 16 59 | 0 24 | 14 20 | 2 7 | 21 45 | 0 26 | 17 26 | 0 8 | 18 9 | 5 0 | 22 4 | 22 12 | 24 21 | 7 8 | 1 57 |
| T 27 | 2 42 | 10 31 | 5 2 | 11 32 | 1 59 | 10 7 | 3 39 | 17 29 | 0 28 | 16 56 | 0 24 | 14 22 | 2 7 | 21 45 | 0 26 | 17 26 | 0 8 | 18 9 | 5 0 | 22 2 | 22 11 | 24 20 | 7 10 | 1 56 |
| W28 | 3 5 | 5 21 | 4 50 | 12 8 | 2 11 | 10 2 | 3 30 | 17 42 | 0 28 | 16 53 | 0 25 | 14 24 | 2 7 | 21 45 | 0 26 | 17 27 | 0 8 | 18 9 | 5 0 | 22 0 | 22 11 | 24 20 | 7 11 | 1 56 |
| T 29 | 3 28 | 0s 8 | 4 23 | 12 41 | 2 22 | 9 56 | 3 21 | 17 54 | 0 29 | 16 50 | 0 25 | 14 26 | 2 7 | 21 45 | 0 26 | 17 27 | 0 8 | 18 9 | 5 0 | 21 59 | 22 10 | 24 19 | 7 13 | 1 56 |
| F 30 | 3 52 | 5 43 | 3 42 | 13 11 | 2 32 | 9 50 | 3 12 | 18 6 | 0 29 | 16 47 | 0 25 | 14 29 | 2 7 | 21 44 | 0 26 | 17 27 | 0 8 | 18 9 | 4 59 | 21 57 | 22 10 | 24 18 | 7 14 | 1 56 |
| S 31 | 4n15 | 11s 9 | 2n48 | 13n37 | 2n42 | 9s43 | 3n 3 | 18n18 | 0n30 | 16s44 | 0s25 | 14n31 | 2s 7 | 21s44 | 0s26 | 17n27 | 0s 8 | 18n10 | 4s59 | 21n56 | 22n10 | 24n17 | 7n15 | 1n56 |

Julian Day Number = 2602084.5, Delta T = 09m13s
Ecliptic obliquity = 23°23'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'09, Lahiri = 29°37'11


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## APRIL 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 39 32 | 11♈45'18 | 20♏24 | 29♈42 | 27♒26 | 21♉ 8 | 15♒ 4 | 15♉55 | 23♑47 | 10°R27 | 8♋ 6 | 10°R13 | 11♊48 | 27♋ 8 | 13♈58 | S 1 |
| M 2 | 12 43 28 | 12°44'42 | 4♐ 2 | 0♉16 | 28°13 | 21°51 | 15°15 | 16° 1 | 23°48 | 10♌26 | 8° 6 | 10°D11 | 11°45 | 27°15 | 14° 1 | M 2 |
| T 3 | 12 47 25 | 13°44'05 | 17°49 | 0°42 | 29° 1 | 22°33 | 15°25 | 16° 8 | 23°50 | 10°26 | 8° 7 | 10♊11 | 11°42 | 27°22 | 14° 5 | T 3 |
| W 4 | 12 51 21 | 14°43'27 | 1♑45 | 1° 1 | 29°49 | 23°15 | 15°36 | 16°15 | 23°51 | 10°25 | 8° 7 | 10°12 | 11°38 | 27°29 | 14° 9 | W 4 |
| T 5 | 12 55 18 | 15°42'46 | 15°48 | 1°12 | 0♓38 | 23°57 | 15°46 | 16°22 | 23°52 | 10°25 | 8° 7 | 10°R12 | 11°35 | 27°35 | 14°12 | T 5 |
| F 6 | 12 59 14 | 16°42'04 | 29°58 | 1°R15 | 1°28 | 24°39 | 15°56 | 16°29 | 23°53 | 10°24 | 8° 8 | 10°12 | 11°32 | 27°42 | 14°16 | F 6 |
| S 7 | 13 3 11 | 17°41'20 | 14♒14 | 1°12 | 2°19 | 25°21 | 16° 6 | 16°36 | 23°54 | 10°24 | 8° 8 | 10° 9 | 11°29 | 27°49 | 14°20 | S 7 |
| S 8 | 13 7 8 | 18°40'35 | 28°33 | 1° 1 | 3°10 | 26° 3 | 16°16 | 16°43 | 23°55 | 10°23 | 8° 8 | 10° 4 | 11°26 | 27°55 | 14°24 | S 8 |
| M 9 | 13 11 4 | 19°39'47 | 12♓50 | 0°44 | 4° 2 | 26°45 | 16°26 | 16°51 | 23°56 | 10°23 | 8° 9 | 9°57 | 11°23 | 28° 2 | 14°27 | M 9 |
| T 10 | 13 15 1 | 20°38'58 | 27° 2 | 0°21 | 4°55 | 27°26 | 16°36 | 16°58 | 23°57 | 10°23 | 8° 9 | 9°49 | 11°19 | 28° 9 | 14°31 | T 10 |
| W11 | 13 18 57 | 21°38'07 | 11♈ 4 | 29♈52 | 5°48 | 28° 8 | 16°45 | 17° 5 | 23°58 | 10°22 | 8°10 | 9°41 | 11°16 | 28°15 | 14°35 | W11 |
| T 12 | 13 22 54 | 22°37'14 | 24°50 | 29°19 | 6°42 | 28°50 | 16°55 | 17°12 | 23°59 | 10°22 | 8°10 | 9°33 | 11°13 | 28°22 | 14°38 | T 12 |
| F 13 | 13 26 50 | 23°36'18 | 8♉17 | 28°41 | 7°36 | 29°32 | 17° 4 | 17°19 | 24° 0 | 10°22 | 8°11 | 9°28 | 11°10 | 28°29 | 14°42 | F 13 |
| S 14 | 13 30 47 | 24°35'21 | 21°23 | 28° 0 | 8°31 | 0♊13 | 17°13 | 17°27 | 24° 0 | 10°21 | 8°11 | 9°24 | 11° 7 | 28°35 | 14°46 | S 14 |
| S 15 | 13 34 43 | 25°34'22 | 4♊ 9 | 27°16 | 9°26 | 0°55 | 17°22 | 17°34 | 24° 1 | 10°21 | 8°12 | 9°D22 | 11° 4 | 28°42 | 14°49 | S 15 |
| M16 | 13 38 40 | 26°33'20 | 16°36 | 26°31 | 10°22 | 1°37 | 17°31 | 17°42 | 24° 2 | 10°21 | 8°12 | 9°23 | 11° 0 | 28°49 | 14°53 | M16 |
| T 17 | 13 42 37 | 27°32'17 | 28°47 | 25°45 | 11°19 | 2°18 | 17°40 | 17°49 | 24° 2 | 10°21 | 8°13 | 9°24 | 10°57 | 28°55 | 14°57 | T 17 |
| W18 | 13 46 33 | 28°31'11 | 10♋47 | 24°59 | 12°16 | 3° 0 | 17°49 | 17°56 | 24° 3 | 10°21 | 8°13 | 9°25 | 10°54 | 29° 2 | 15° 0 | W18 |
| T 19 | 13 50 30 | 29°30'03 | 22°40 | 24°14 | 13°13 | 3°41 | 17°58 | 18° 4 | 24° 3 | 10°21 | 8°14 | 9°27 | 10°51 | 29° 9 | 15° 4 | T 19 |
| F 20 | 13 54 26 | 0♉28'52 | 4♌31 | 23°31 | 14°11 | 4°23 | 18° 6 | 18°11 | 24° 4 | 10°D21 | 8°15 | 9°R27 | 10°48 | 29°16 | 15° 8 | F 20 |
| S 21 | 13 58 23 | 1°27'40 | 16°24 | 22°50 | 15° 9 | 5° 4 | 18°15 | 18°19 | 24° 4 | 10°21 | 8°15 | 9°25 | 10°44 | 29°22 | 15°11 | S 21 |
| S 22 | 14 2 19 | 2°26'25 | 28°26 | 22°13 | 16° 7 | 5°46 | 18°23 | 18°26 | 24° 5 | 10°21 | 8°16 | 9°22 | 10°41 | 29°29 | 15°15 | S 22 |
| M23 | 14 6 16 | 3°25'08 | 10♍40 | 21°39 | 17° 6 | 6°27 | 18°31 | 18°34 | 24° 5 | 10°21 | 8°17 | 9°18 | 10°38 | 29°36 | 15°18 | M23 |
| T 24 | 14 10 12 | 4°23'48 | 23°10 | 21° 9 | 18° 6 | 7° 8 | 18°39 | 18°41 | 24° 5 | 10°21 | 8°17 | 9°13 | 10°35 | 29°42 | 15°22 | T 24 |
| W25 | 14 14 9 | 5°22'27 | 5♎57 | 20°44 | 19° 5 | 7°49 | 18°47 | 18°49 | 24° 5 | 10°21 | 8°18 | 9° 7 | 10°32 | 29°49 | 15°26 | W25 |
| T 26 | 14 18 6 | 6°21'03 | 19° 3 | 20°24 | 20° 6 | 8°31 | 18°54 | 18°56 | 24° 5 | 10°21 | 8°19 | 9° 1 | 10°29 | 29°56 | 15°29 | T 26 |
| F 27 | 14 22 2 | 7°19'38 | 2♏27 | 20° 8 | 21° 6 | 9°12 | 19° 2 | 19° 4 | 24° 5 | 10°22 | 8°20 | 8°57 | 10°25 | 0♌ 2 | 15°33 | F 27 |
| S 28 | 14 25 59 | 8°18'10 | 16° 7 | 19°58 | 22° 7 | 9°53 | 19° 9 | 19°12 | 24°R 5 | 10°22 | 8°20 | 8°54 | 10°22 | 0° 9 | 15°36 | S 28 |
| S 29 | 14 29 55 | 9°16'41 | 0♐ 1 | 19°52 | 23° 8 | 10°34 | 19°16 | 19°19 | 24° 5 | 10°22 | 8°21 | 8°52 | 10°19 | 0°16 | 15°40 | S 29 |
| M30 | 14 33 52 | 10♉15'10 | 14♐ 6 | 19°D52 | 24♓ 9 | 11♊15 | 19♒23 | 19♉27 | 24♑ 5 | 10♌22 | 8♋22 | 8°D52 | 10♊16 | 0♌22 | 15♈43 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n38 | 16s 9 | 1n44 | 14n 0 | 2n50 | 9s36 | 2n55 | 18n30 | 0n31 | 16s41 | 0s25 | 14n33 | 2s 6 | 21s44 | 0s26 | 17n27 | 0s 8 | 18n10 | 4s59 | 21n56 | 22n 9 | 24n17 | 7n17 | 1n56 |
| M 2 | 5 1 | 20 22 | 0 33 | 14 19 | 2 58 | 9 28 | 2 46 | 18 41 | 0 31 | 16 38 | 0 25 | 14 35 | 2 6 | 21 44 | 0 26 | 17 28 | 0 8 | 18 10 | 4 59 | 21 56 | 22 9 | 24 16 | 7 18 | 1 56 |
| T 3 | 5 24 | 23 31 | 0s41 | 14 34 | 3 4 | 9 20 | 2 37 | 18 53 | 0 32 | 16 35 | 0 26 | 14 37 | 2 6 | 21 43 | 0 26 | 17 28 | 0 8 | 18 10 | 4 59 | 21 56 | 22 8 | 24 15 | 7 19 | 1 56 |
| W 4 | 5 47 | 25 15 | 1 53 | 14 45 | 3 9 | 9 11 | 2 29 | 19 4 | 0 32 | 16 32 | 0 26 | 14 39 | 2 6 | 21 43 | 0 26 | 17 28 | 0 8 | 18 10 | 4 59 | 21 56 | 22 8 | 24 15 | 7 21 | 1 56 |
| T 5 | 6 10 | 25 25 | 2 59 | 14 53 | 3 13 | 9 2 | 2 21 | 19 15 | 0 33 | 16 29 | 0 26 | 14 41 | 2 6 | 21 43 | 0 26 | 17 28 | 0 8 | 18 10 | 4 58 | 21 56 | 22 7 | 24 14 | 7 22 | 1 56 |
| F 6 | 6 33 | 23 56 | 3 55 | 14 57 | 3 16 | 8 52 | 2 12 | 19 26 | 0 34 | 16 26 | 0 26 | 14 43 | 2 6 | 21 43 | 0 27 | 17 28 | 0 8 | 18 11 | 4 58 | 21 56 | 22 7 | 24 13 | 7 24 | 1 56 |
| S 7 | 6 56 | 20 55 | 4 36 | 14 56 | 3 17 | 8 41 | 2 4 | 19 37 | 0 34 | 16 23 | 0 26 | 14 45 | 2 6 | 21 43 | 0 27 | 17 28 | 0 8 | 18 11 | 4 58 | 21 55 | 22 7 | 24 12 | 7 25 | 1 56 |
| S 8 | 7 18 | 16 39 | 5 0 | 14 52 | 3 16 | 8 31 | 1 56 | 19 47 | 0 35 | 16 21 | 0 26 | 14 48 | 2 5 | 21 43 | 0 27 | 17 28 | 0 8 | 18 11 | 4 58 | 21 55 | 22 6 | 24 12 | 7 26 | 1 56 |
| M 9 | 7 41 | 11 26 | 5 6 | 14 44 | 3 14 | 8 19 | 1 49 | 19 57 | 0 35 | 16 18 | 0 27 | 14 50 | 2 5 | 21 43 | 0 27 | 17 29 | 0 8 | 18 11 | 4 58 | 21 54 | 22 6 | 24 11 | 7 28 | 1 55 |
| T 10 | 8 3 | 5 39 | 4 53 | 14 32 | 3 10 | 8 7 | 1 41 | 20 8 | 0 36 | 16 15 | 0 27 | 14 52 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 11 | 4 58 | 21 52 | 22 5 | 24 10 | 7 29 | 1 55 |
| W11 | 8 25 | 0n21 | 4 22 | 14 17 | 3 5 | 7 55 | 1 33 | 20 18 | 0 36 | 16 12 | 0 27 | 14 54 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 11 | 4 57 | 21 51 | 22 5 | 24 9 | 7 30 | 1 55 |
| T 12 | 8 47 | 6 14 | 3 37 | 13 58 | 2 58 | 7 42 | 1 26 | 20 27 | 0 37 | 16 10 | 0 27 | 14 56 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 11 | 4 57 | 21 50 | 22 4 | 24 8 | 7 32 | 1 55 |
| F 13 | 9 9 | 11 43 | 2 40 | 13 37 | 2 49 | 7 29 | 1 18 | 20 37 | 0 37 | 16 7 | 0 27 | 14 58 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 11 | 4 57 | 21 49 | 22 4 | 24 8 | 7 33 | 1 55 |
| S 14 | 9 30 | 16 32 | 1 36 | 13 13 | 2 39 | 7 15 | 1 11 | 20 46 | 0 38 | 16 4 | 0 27 | 15 0 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 57 | 21 49 | 22 4 | 24 7 | 7 35 | 1 55 |
| S 15 | 9 52 | 20 28 | 0 28 | 12 46 | 2 27 | 7 1 | 1 4 | 20 55 | 0 38 | 16 2 | 0 28 | 15 2 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 57 | 21 48 | 22 3 | 24 6 | 7 36 | 1 55 |
| M16 | 10 13 | 23 22 | 0n39 | 12 18 | 2 15 | 6 47 | 0 57 | 21 4 | 0 39 | 15 59 | 0 28 | 15 5 | 2 5 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 57 | 21 48 | 22 3 | 24 5 | 7 37 | 1 55 |
| T 17 | 10 34 | 25 6 | 1 43 | 11 48 | 2 1 | 6 32 | 0 50 | 21 13 | 0 39 | 15 57 | 0 28 | 15 7 | 2 4 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 57 | 21 49 | 22 2 | 24 4 | 7 39 | 1 55 |
| W18 | 10 55 | 25 39 | 2 42 | 11 17 | 1 46 | 6 17 | 0 44 | 21 22 | 0 40 | 15 54 | 0 28 | 15 9 | 2 4 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 56 | 21 49 | 22 2 | 24 4 | 7 40 | 1 55 |
| T 19 | 11 16 | 25 0 | 3 33 | 10 46 | 1 30 | 6 1 | 0 37 | 21 30 | 0 40 | 15 52 | 0 28 | 15 11 | 2 4 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 56 | 21 49 | 22 1 | 24 3 | 7 41 | 1 55 |
| F 20 | 11 37 | 23 13 | 4 15 | 10 15 | 1 14 | 5 45 | 0 30 | 21 39 | 0 41 | 15 49 | 0 28 | 15 13 | 2 4 | 21 42 | 0 27 | 17 29 | 0 8 | 18 12 | 4 56 | 21 49 | 22 1 | 24 2 | 7 43 | 1 55 |
| S 21 | 11 57 | 20 26 | 4 46 | 9 45 | 0 57 | 5 28 | 0 24 | 21 47 | 0 41 | 15 47 | 0 29 | 15 15 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 12 | 4 56 | 21 49 | 22 0 | 24 1 | 7 44 | 1 55 |
| S 22 | 12 18 | 16 46 | 5 5 | 9 16 | 0 41 | 5 11 | 0 18 | 21 54 | 0 42 | 15 45 | 0 29 | 15 17 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 56 | 21 48 | 22 0 | 24 0 | 7 45 | 1 55 |
| M23 | 12 38 | 12 20 | 5 11 | 8 47 | 0 24 | 4 54 | 0 12 | 22 2 | 0 42 | 15 42 | 0 29 | 15 20 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 56 | 21 48 | 22 0 | 23 59 | 7 47 | 1 55 |
| T 24 | 12 57 | 7 20 | 5 2 | 8 21 | 0 7 | 4 36 | 0 6 | 22 9 | 0 43 | 15 40 | 0 29 | 15 22 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 47 | 21 59 | 23 58 | 7 48 | 1 55 |
| W25 | 13 17 | 1 54 | 4 38 | 7 56 | 0s 9 | 4 19 | 0s 0 | 22 17 | 0 43 | 15 38 | 0 29 | 15 24 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 46 | 21 59 | 23 58 | 7 49 | 1 55 |
| T 26 | 13 36 | 3s45 | 3 59 | 7 34 | 0 25 | 4 0 | 0 6 | 22 24 | 0 44 | 15 36 | 0 30 | 15 26 | 2 4 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 45 | 21 58 | 23 57 | 7 51 | 1 55 |
| F 27 | 13 56 | 9 23 | 3 6 | 7 13 | 0 41 | 3 42 | 0 11 | 22 31 | 0 44 | 15 33 | 0 30 | 15 28 | 2 3 | 21 41 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 45 | 21 58 | 23 56 | 7 52 | 1 55 |
| S 28 | 14 15 | 14 41 | 2 1 | 6 56 | 0 56 | 3 23 | 0 17 | 22 37 | 0 45 | 15 31 | 0 30 | 15 30 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 44 | 21 57 | 23 55 | 7 53 | 1 55 |
| S 29 | 14 33 | 19 19 | 0 48 | 6 40 | 1 10 | 3 4 | 0 22 | 22 44 | 0 45 | 15 29 | 0 30 | 15 32 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 13 | 4 55 | 21 44 | 21 57 | 23 54 | 7 55 | 1 55 |
| M30 | 14n52 | 22s55 | 0s29 | 6n28 | 1s24 | 2s44 | 0s27 | 22n50 | 0n46 | 15s27 | 0s30 | 15n35 | 2s 3 | 21s42 | 0s27 | 17n29 | 0s 7 | 18n13 | 4s55 | 21n44 | 21n56 | 23n53 | 7n56 | 1n55 |

Julian Day Number = 2602115.5, Delta T = 09m14s
Ecliptic obliquity = 23°23'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'14, Lahiri = 29°37'15


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## MAY 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 37 48 | 11♉13'38 | 28♐17 | 19♈57 | 25♓11 | 11♊56 | 19♒30 | 19♉35 | 24°R 5 | 10♌23 | 8♋23 | 8♊53 | 10♊13 | 0♌29 | 15♈46 | T 1 |
| W 2 | 14 41 45 | 12°12'04 | 12♑32 | 20° 6 | 26°13 | 12°37 | 19°37 | 19°42 | 24♑ 5 | 10°23 | 8°24 | 8°54 | 10° 9 | 0°36 | 15°50 | W 2 |
| T 3 | 14 45 41 | 13°10'28 | 26°47 | 20°20 | 27°15 | 13°18 | 19°44 | 19°50 | 24° 5 | 10°23 | 8°25 | 8°56 | 10° 6 | 0°42 | 15°53 | T 3 |
| F 4 | 14 49 38 | 14° 8'51 | 11♒ 1 | 20°39 | 28°18 | 13°59 | 19°50 | 19°58 | 24° 4 | 10°24 | 8°26 | 8°R56 | 10° 3 | 0°49 | 15°57 | F 4 |
| S 5 | 14 53 35 | 15° 7'12 | 25°10 | 21° 3 | 29°21 | 14°40 | 19°57 | 20° 5 | 24° 4 | 10°24 | 8°27 | 8°56 | 10° 0 | 0°56 | 16° 0 | S 5 |
| S 6 | 14 57 31 | 16° 5'32 | 9♓14 | 21°31 | 0♈24 | 15°21 | 20° 3 | 20°13 | 24° 4 | 10°25 | 8°28 | 8°55 | 9°57 | 1° 3 | 16° 3 | S 6 |
| M 7 | 15 1 28 | 17° 3'50 | 23° 9 | 22° 3 | 1°27 | 16° 1 | 20° 9 | 20°21 | 24° 3 | 10°25 | 8°29 | 8°52 | 9°54 | 1° 9 | 16° 7 | M 7 |
| T 8 | 15 5 24 | 18° 2'06 | 6♈54 | 22°39 | 2°30 | 16°42 | 20°15 | 20°28 | 24° 3 | 10°26 | 8°29 | 8°49 | 9°50 | 1°16 | 16°10 | T 8 |
| W 9 | 15 9 21 | 19° 0'21 | 20°27 | 23°19 | 3°34 | 17°23 | 20°21 | 20°36 | 24° 2 | 10°27 | 8°30 | 8°47 | 9°47 | 1°23 | 16°13 | W 9 |
| T 10 | 15 13 17 | 19°58'35 | 3♉47 | 24° 2 | 4°38 | 18° 4 | 20°26 | 20°44 | 24° 2 | 10°27 | 8°31 | 8°44 | 9°44 | 1°29 | 16°16 | T 10 |
| F 11 | 15 17 14 | 20°56'47 | 16°52 | 24°49 | 5°42 | 18°44 | 20°31 | 20°52 | 24° 1 | 10°28 | 8°33 | 8°42 | 9°41 | 1°36 | 16°20 | F 11 |
| S 12 | 15 21 10 | 21°54'57 | 29°41 | 25°40 | 6°47 | 19°25 | 20°37 | 20°59 | 24° 0 | 10°29 | 8°34 | 8°41 | 9°38 | 1°43 | 16°23 | S 12 |
| S 13 | 15 25 7 | 22°53'06 | 12♊15 | 26°34 | 7°51 | 20° 6 | 20°42 | 21° 7 | 24° 0 | 10°29 | 8°35 | 8°D41 | 9°35 | 1°49 | 16°26 | S 13 |
| M14 | 15 29 4 | 23°51'12 | 24°35 | 27°31 | 8°56 | 20°46 | 20°47 | 21°15 | 23°59 | 10°30 | 8°36 | 8°41 | 9°31 | 1°56 | 16°29 | M14 |
| T 15 | 15 33 0 | 24°49'18 | 6♋43 | 28°31 | 10° 1 | 21°27 | 20°51 | 21°22 | 23°58 | 10°31 | 8°37 | 8°42 | 9°28 | 2° 3 | 16°32 | T 15 |
| W16 | 15 36 57 | 25°47'21 | 18°42 | 29°34 | 11° 6 | 22° 7 | 20°56 | 21°30 | 23°57 | 10°32 | 8°38 | 8°44 | 9°25 | 2°10 | 16°35 | W16 |
| T 17 | 15 40 53 | 26°45'22 | 0♌34 | 0♉40 | 12°12 | 22°48 | 21° 0 | 21°38 | 23°56 | 10°32 | 8°39 | 8°45 | 9°22 | 2°16 | 16°38 | T 17 |
| F 18 | 15 44 50 | 27°43'22 | 12°26 | 1°48 | 13°17 | 23°28 | 21° 4 | 21°46 | 23°55 | 10°33 | 8°40 | 8°46 | 9°19 | 2°23 | 16°41 | F 18 |
| S 19 | 15 48 46 | 28°41'20 | 24°20 | 2°59 | 14°23 | 24° 8 | 21° 8 | 21°53 | 23°54 | 10°34 | 8°41 | 8°R46 | 9°15 | 2°30 | 16°44 | S 19 |
| S 20 | 15 52 43 | 29°39'16 | 6♍21 | 4°13 | 15°29 | 24°49 | 21°12 | 22° 1 | 23°53 | 10°35 | 8°43 | 8°46 | 9°12 | 2°36 | 16°47 | S 20 |
| M21 | 15 56 39 | 0♊37'10 | 18°35 | 5°29 | 16°35 | 25°29 | 21°16 | 22° 9 | 23°52 | 10°36 | 8°44 | 8°46 | 9° 9 | 2°43 | 16°50 | M21 |
| T 22 | 16 0 36 | 1°35'03 | 1♎ 5 | 6°48 | 17°41 | 26° 9 | 21°19 | 22°16 | 23°51 | 10°37 | 8°45 | 8°45 | 9° 6 | 2°50 | 16°53 | T 22 |
| W23 | 16 4 33 | 2°32'53 | 13°55 | 8° 9 | 18°47 | 26°49 | 21°23 | 22°24 | 23°50 | 10°38 | 8°46 | 8°44 | 9° 3 | 2°56 | 16°56 | W23 |
| T 24 | 16 8 29 | 3°30'42 | 27° 7 | 9°33 | 19°54 | 27°30 | 21°26 | 22°31 | 23°49 | 10°39 | 8°47 | 8°43 | 9° 0 | 3° 3 | 16°59 | T 24 |
| F 25 | 16 12 26 | 4°28'30 | 10♏41 | 10°59 | 21° 0 | 28°10 | 21°29 | 22°39 | 23°47 | 10°40 | 8°49 | 8°43 | 8°56 | 3°10 | 17° 1 | F 25 |
| S 26 | 16 16 22 | 5°26'16 | 24°38 | 12°27 | 22° 7 | 28°50 | 21°32 | 22°47 | 23°46 | 10°42 | 8°50 | 8°43 | 8°53 | 3°16 | 17° 4 | S 26 |
| S 27 | 16 20 19 | 6°24'01 | 8♐54 | 13°58 | 23°14 | 29°30 | 21°34 | 22°54 | 23°45 | 10°43 | 8°51 | 8°D43 | 8°50 | 3°23 | 17° 7 | S 27 |
| M28 | 16 24 15 | 7°21'44 | 23°24 | 15°31 | 24°21 | 0♋10 | 21°37 | 23° 2 | 23°43 | 10°44 | 8°52 | 8°43 | 8°47 | 3°30 | 17°10 | M28 |
| T 29 | 16 28 12 | 8°19'26 | 8♑ 3 | 17° 6 | 25°28 | 0°50 | 21°39 | 23° 9 | 23°42 | 10°45 | 8°54 | 8°R43 | 8°44 | 3°37 | 17°12 | T 29 |
| W30 | 16 32 8 | 9°17'07 | 22°44 | 18°44 | 26°35 | 1°30 | 21°41 | 23°17 | 23°40 | 10°46 | 8°55 | 8°43 | 8°41 | 3°43 | 17°15 | W30 |
| T 31 | 16 36 5 | 10♊14'47 | 7♒21 | 20♉23 | 27♈42 | 2♋10 | 21♒43 | 23♉24 | 23♑39 | 10♌48 | 8♋56 | 8♊43 | 8♊37 | 3♌50 | 17♈17 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n10 | 25s 7 | 1s45 | 6n18 | 1s36 | 2s24 | 0s32 | 22n56 | 0n46 | 15s25 | 0s30 | 15n37 | 2s 3 | 21s42 | 0s27 | 17n29 | 0s 7 | 18n14 | 4s54 | 21n44 | 21n56 | 23n52 | 7n57 | 1n54 |
| W 2 | 15 28 | 25 41 | 2 54 | 6 10 | 1 48 | 2 4 | 0 37 | 23 2 | 0 46 | 15 23 | 0 31 | 15 39 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 14 | 4 54 | 21 44 | 21 55 | 23 51 | 7 59 | 1 54 |
| T 3 | 15 46 | 24 34 | 3 53 | 6 5 | 1 59 | 1 44 | 0 42 | 23 7 | 0 47 | 15 21 | 0 31 | 15 41 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 14 | 4 54 | 21 44 | 21 55 | 23 50 | 8 0 | 1 54 |
| F 4 | 16 3 | 21 53 | 4 38 | 6 3 | 2 10 | 1 24 | 0 47 | 23 13 | 0 47 | 15 19 | 0 31 | 15 43 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 14 | 4 54 | 21 44 | 21 54 | 23 49 | 8 1 | 1 54 |
| S 5 | 16 20 | 17 53 | 5 5 | 6 3 | 2 19 | 1 3 | 0 51 | 23 18 | 0 48 | 15 18 | 0 31 | 15 45 | 2 3 | 21 42 | 0 27 | 17 29 | 0 7 | 18 14 | 4 54 | 21 44 | 21 54 | 23 48 | 8 2 | 1 54 |
| S 6 | 16 37 | 12 57 | 5 14 | 6 5 | 2 28 | 0 42 | 0 56 | 23 23 | 0 48 | 15 16 | 0 31 | 15 47 | 2 3 | 21 42 | 0 27 | 17 28 | 0 7 | 18 14 | 4 54 | 21 44 | 21 54 | 23 48 | 8 4 | 1 54 |
| M 7 | 16 54 | 7 23 | 5 5 | 6 9 | 2 36 | 0 21 | 1 0 | 23 28 | 0 49 | 15 14 | 0 32 | 15 49 | 2 3 | 21 42 | 0 27 | 17 28 | 0 7 | 18 14 | 4 54 | 21 44 | 21 53 | 23 47 | 8 5 | 1 54 |
| T 8 | 17 10 | 1 31 | 4 38 | 6 16 | 2 43 | 0n 1 | 1 4 | 23 32 | 0 49 | 15 13 | 0 32 | 15 51 | 2 3 | 21 42 | 0 28 | 17 28 | 0 7 | 18 14 | 4 53 | 21 43 | 21 53 | 23 46 | 8 6 | 1 54 |
| W 9 | 17 26 | 4n20 | 3 55 | 6 25 | 2 49 | 0 22 | 1 8 | 23 36 | 0 49 | 15 11 | 0 32 | 15 53 | 2 3 | 21 42 | 0 28 | 17 28 | 0 7 | 18 14 | 4 53 | 21 43 | 21 52 | 23 45 | 8 7 | 1 54 |
| T 10 | 17 42 | 9 55 | 3 1 | 6 36 | 2 55 | 0 44 | 1 12 | 23 41 | 0 50 | 15 9 | 0 32 | 15 55 | 2 3 | 21 43 | 0 28 | 17 28 | 0 7 | 18 14 | 4 53 | 21 43 | 21 52 | 23 44 | 8 9 | 1 54 |
| F 11 | 17 57 | 14 58 | 1 58 | 6 49 | 2 59 | 1 6 | 1 16 | 23 45 | 0 50 | 15 8 | 0 32 | 15 57 | 2 3 | 21 43 | 0 28 | 17 28 | 0 7 | 18 14 | 4 53 | 21 42 | 21 51 | 23 43 | 8 10 | 1 54 |
| S 12 | 18 12 | 19 14 | 0 49 | 7 3 | 3 3 | 1 28 | 1 20 | 23 48 | 0 50 | 15 6 | 0 33 | 15 59 | 2 3 | 21 43 | 0 28 | 17 28 | 0 7 | 18 14 | 4 53 | 21 42 | 21 51 | 23 42 | 8 11 | 1 54 |
| S 13 | 18 27 | 22 32 | 0n20 | 7 19 | 3 6 | 1 50 | 1 23 | 23 52 | 0 51 | 15 5 | 0 33 | 16 2 | 2 3 | 21 43 | 0 28 | 17 27 | 0 7 | 18 14 | 4 53 | 21 42 | 21 50 | 23 41 | 8 12 | 1 54 |
| M14 | 18 42 | 24 43 | 1 27 | 7 37 | 3 9 | 2 13 | 1 27 | 23 55 | 0 51 | 15 4 | 0 33 | 16 4 | 2 3 | 21 43 | 0 28 | 17 27 | 0 7 | 18 15 | 4 53 | 21 42 | 21 50 | 23 40 | 8 14 | 1 54 |
| T 15 | 18 56 | 25 42 | 2 29 | 7 57 | 3 11 | 2 35 | 1 30 | 23 58 | 0 52 | 15 2 | 0 33 | 16 6 | 2 3 | 21 43 | 0 28 | 17 27 | 0 7 | 18 15 | 4 52 | 21 42 | 21 49 | 23 39 | 8 15 | 1 54 |
| W16 | 19 10 | 25 27 | 3 24 | 8 18 | 3 12 | 2 58 | 1 33 | 24 1 | 0 52 | 15 1 | 0 34 | 16 8 | 2 3 | 21 43 | 0 28 | 17 27 | 0 7 | 18 15 | 4 52 | 21 43 | 21 49 | 23 38 | 8 16 | 1 54 |
| T 17 | 19 23 | 24 2 | 4 9 | 8 41 | 3 12 | 3 20 | 1 36 | 24 4 | 0 52 | 15 0 | 0 34 | 16 10 | 2 3 | 21 44 | 0 28 | 17 27 | 0 7 | 18 15 | 4 52 | 21 43 | 21 48 | 23 37 | 8 17 | 1 54 |
| F 18 | 19 37 | 21 35 | 4 44 | 9 4 | 3 12 | 3 43 | 1 39 | 24 6 | 0 53 | 14 59 | 0 34 | 16 12 | 2 2 | 21 44 | 0 28 | 17 26 | 0 7 | 18 15 | 4 52 | 21 43 | 21 48 | 23 36 | 8 18 | 1 54 |
| S 19 | 19 49 | 18 12 | 5 7 | 9 29 | 3 11 | 4 6 | 1 42 | 24 8 | 0 53 | 14 58 | 0 34 | 16 14 | 2 2 | 21 44 | 0 28 | 17 26 | 0 7 | 18 15 | 4 52 | 21 43 | 21 47 | 23 35 | 8 19 | 1 54 |
| S 20 | 20 2 | 14 3 | 5 16 | 9 56 | 3 9 | 4 29 | 1 44 | 24 10 | 0 53 | 14 57 | 0 34 | 16 15 | 2 2 | 21 44 | 0 28 | 17 26 | 0 7 | 18 15 | 4 52 | 21 43 | 21 47 | 23 34 | 8 20 | 1 54 |
| M21 | 20 14 | 9 18 | 5 12 | 10 23 | 3 7 | 4 51 | 1 47 | 24 12 | 0 54 | 14 56 | 0 35 | 16 17 | 2 2 | 21 44 | 0 28 | 17 26 | 0 7 | 18 15 | 4 52 | 21 43 | 21 46 | 23 32 | 8 22 | 1 54 |
| T 22 | 20 26 | 4 3 | 4 53 | 10 51 | 3 4 | 5 14 | 1 49 | 24 14 | 0 54 | 14 55 | 0 35 | 16 19 | 2 2 | 21 45 | 0 28 | 17 25 | 0 7 | 18 15 | 4 52 | 21 43 | 21 46 | 23 31 | 8 23 | 1 54 |
| W23 | 20 37 | 1s29 | 4 19 | 11 21 | 3 1 | 5 37 | 1 52 | 24 15 | 0 54 | 14 54 | 0 35 | 16 21 | 2 2 | 21 45 | 0 28 | 17 25 | 0 7 | 18 15 | 4 51 | 21 43 | 21 45 | 23 30 | 8 24 | 1 54 |
| T 24 | 20 49 | 7 8 | 3 31 | 11 51 | 2 57 | 6 0 | 1 54 | 24 16 | 0 55 | 14 53 | 0 35 | 16 23 | 2 2 | 21 45 | 0 28 | 17 25 | 0 7 | 18 15 | 4 51 | 21 42 | 21 45 | 23 29 | 8 25 | 1 54 |
| F 25 | 20 59 | 12 38 | 2 29 | 12 22 | 2 52 | 6 23 | 1 56 | 24 17 | 0 55 | 14 52 | 0 36 | 16 25 | 2 2 | 21 45 | 0 28 | 17 25 | 0 7 | 18 15 | 4 51 | 21 42 | 21 44 | 23 28 | 8 26 | 1 54 |
| S 26 | 21 10 | 17 38 | 1 17 | 12 53 | 2 47 | 6 46 | 1 58 | 24 18 | 0 55 | 14 52 | 0 36 | 16 27 | 2 2 | 21 46 | 0 28 | 17 24 | 0 7 | 18 15 | 4 51 | 21 42 | 21 44 | 23 27 | 8 27 | 1 54 |
| S 27 | 21 20 | 21 45 | 0s 1 | 13 26 | 2 41 | 7 9 | 2 0 | 24 19 | 0 56 | 14 51 | 0 36 | 16 29 | 2 2 | 21 46 | 0 28 | 17 24 | 0 7 | 18 15 | 4 51 | 21 42 | 21 44 | 23 26 | 8 28 | 1 54 |
| M28 | 21 29 | 24 34 | 1 21 | 13 59 | 2 35 | 7 32 | 2 1 | 24 19 | 0 56 | 14 51 | 0 36 | 16 31 | 2 2 | 21 46 | 0 28 | 17 24 | 0 7 | 18 15 | 4 51 | 21 42 | 21 43 | 23 25 | 8 29 | 1 54 |
| T 29 | 21 39 | 25 44 | 2 36 | 14 32 | 2 28 | 7 55 | 2 3 | 24 19 | 0 56 | 14 50 | 0 36 | 16 33 | 2 2 | 21 46 | 0 28 | 17 23 | 0 7 | 18 15 | 4 51 | 21 42 | 21 43 | 23 24 | 8 30 | 1 54 |
| W30 | 21 48 | 25 6 | 3 41 | 15 6 | 2 21 | 8 18 | 2 4 | 24 19 | 0 57 | 14 50 | 0 37 | 16 35 | 2 2 | 21 47 | 0 28 | 17 23 | 0 7 | 18 15 | 4 51 | 21 42 | 21 42 | 23 23 | 8 31 | 1 54 |
| T 31 | 21n56 | 22s46 | 4s31 | 15n40 | 2s13 | 8n41 | 2s 6 | 24n19 | 0n57 | 14s49 | 0s37 | 16n36 | 2s 3 | 21s47 | 0s28 | 17n23 | 0s 7 | 18n15 | 4s51 | 21n42 | 21n42 | 23n22 | 8n32 | 1n54 |

Julian Day Number = 2602145.5, Delta T = 09m14s
Ecliptic obliquity = 23°23'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'18, Lahiri = 29°37'19


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## JUNE 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 40 2 | 11♊12'26 | 21♒48 | 22♉ 5 | 28♈50 | 2♋50 | 21♒44 | 23♉32 | 23°R37 | 10♌49 | 8♋57 | 8°R42 | 8♊34 | 3♌57 | 17♈20 | F 1 |
| S 2 | 16 43 58 | 12°10'04 | 6♓ 3 | 23°50 | 29°57 | 3°30 | 21°46 | 23°39 | 23♏36 | 10°50 | 8°59 | 8°D42 | 8°31 | 4° 3 | 17°22 | S 2 |
| S 3 | 16 47 55 | 13° 7'41 | 20° 2 | 25°36 | 1♉ 5 | 4°10 | 21°47 | 23°47 | 23°34 | 10°51 | 9° 0 | 8♊42 | 8°28 | 4°10 | 17°25 | S 3 |
| M 4 | 16 51 51 | 14° 5'18 | 3♈46 | 27°25 | 2°13 | 4°50 | 21°48 | 23°54 | 23°33 | 10°53 | 9° 1 | 8°43 | 8°25 | 4°17 | 17°27 | M 4 |
| T 5 | 16 55 48 | 15° 2'53 | 17°12 | 29°16 | 3°21 | 5°30 | 21°49 | 24° 2 | 23°31 | 10°54 | 9° 3 | 8°43 | 8°21 | 4°23 | 17°30 | T 5 |
| W 6 | 16 59 44 | 16° 0'27 | 0♉23 | 1♊10 | 4°29 | 6° 9 | 21°50 | 24° 9 | 23°29 | 10°56 | 9° 4 | 8°44 | 8°18 | 4°30 | 17°32 | W 6 |
| T 7 | 17 3 41 | 16°58'01 | 13°19 | 3° 5 | 5°37 | 6°49 | 21°50 | 24°16 | 23°27 | 10°57 | 9° 6 | 8°44 | 8°15 | 4°37 | 17°34 | T 7 |
| F 8 | 17 7 37 | 17°55'34 | 26° 2 | 5° 3 | 6°45 | 7°29 | 21°51 | 24°24 | 23°26 | 10°59 | 9° 7 | 8°45 | 8°12 | 4°44 | 17°36 | F 8 |
| S 9 | 17 11 34 | 18°53'06 | 8♊32 | 7° 2 | 7°54 | 8° 9 | 21°R51 | 24°31 | 23°24 | 11° 0 | 9° 8 | 8°R45 | 8° 9 | 4°50 | 17°39 | S 9 |
| S 10 | 17 15 31 | 19°50'37 | 20°51 | 9° 4 | 9° 2 | 8°48 | 21°51 | 24°38 | 23°22 | 11° 2 | 9°10 | 8°45 | 8° 6 | 4°57 | 17°41 | S 10 |
| M11 | 17 19 27 | 20°48'07 | 3♋ 0 | 11° 8 | 10°11 | 9°28 | 21°51 | 24°45 | 23°20 | 11° 3 | 9°11 | 8°44 | 8° 2 | 5° 4 | 17°43 | M11 |
| T 12 | 17 23 24 | 21°45'36 | 15° 2 | 13°13 | 11°19 | 10° 8 | 21°50 | 24°53 | 23°18 | 11° 5 | 9°12 | 8°43 | 7°59 | 5°10 | 17°45 | T 12 |
| W13 | 17 27 20 | 22°43'04 | 26°57 | 15°20 | 12°28 | 10°47 | 21°49 | 25° 0 | 23°16 | 11° 6 | 9°14 | 8°41 | 7°56 | 5°17 | 17°47 | W13 |
| T 14 | 17 31 17 | 23°40'30 | 8♌48 | 17°28 | 13°37 | 11°27 | 21°49 | 25° 7 | 23°14 | 11° 8 | 9°15 | 8°38 | 7°53 | 5°24 | 17°49 | T 14 |
| F 15 | 17 35 13 | 24°37'56 | 20°39 | 19°38 | 14°46 | 12° 6 | 21°48 | 25°14 | 23°12 | 11°10 | 9°17 | 8°36 | 7°50 | 5°30 | 17°51 | F 15 |
| S 16 | 17 39 10 | 25°35'21 | 2♍33 | 21°49 | 15°54 | 12°46 | 21°46 | 25°21 | 23°10 | 11°11 | 9°18 | 8°34 | 7°47 | 5°37 | 17°53 | S 16 |
| S 17 | 17 43 7 | 26°32'45 | 14°33 | 24° 0 | 17° 3 | 13°25 | 21°45 | 25°28 | 23° 8 | 11°13 | 9°20 | 8°33 | 7°43 | 5°44 | 17°54 | S 17 |
| M18 | 17 47 3 | 27°30'07 | 26°45 | 26°12 | 18°13 | 14° 5 | 21°43 | 25°35 | 23° 6 | 11°15 | 9°21 | 8°D33 | 7°40 | 5°51 | 17°56 | M18 |
| T 19 | 17 51 0 | 28°27'29 | 9♎12 | 28°24 | 19°22 | 14°44 | 21°42 | 25°42 | 23° 4 | 11°16 | 9°22 | 8°33 | 7°37 | 5°57 | 17°58 | T 19 |
| W20 | 17 54 56 | 29°24'50 | 21°59 | 0♋36 | 20°31 | 15°23 | 21°40 | 25°49 | 23° 2 | 11°18 | 9°24 | 8°34 | 7°34 | 6° 4 | 18° 0 | W20 |
| T 21 | 17 58 53 | 0♋22'09 | 5♏ 9 | 2°48 | 21°40 | 16° 3 | 21°38 | 25°56 | 23° 0 | 11°20 | 9°25 | 8°36 | 7°31 | 6°11 | 18° 1 | T 21 |
| F 22 | 18 2 49 | 1°19'28 | 18°45 | 4°59 | 22°50 | 16°42 | 21°35 | 26° 3 | 22°57 | 11°22 | 9°27 | 8°37 | 7°27 | 6°17 | 18° 3 | F 22 |
| S 23 | 18 6 46 | 2°16'46 | 2♐47 | 7° 9 | 23°59 | 17°21 | 21°33 | 26° 9 | 22°55 | 11°23 | 9°28 | 8°R38 | 7°24 | 6°24 | 18° 4 | S 23 |
| S 24 | 18 10 42 | 3°14'04 | 17°13 | 9°18 | 25° 9 | 18° 1 | 21°30 | 26°16 | 22°53 | 11°25 | 9°30 | 8°38 | 7°21 | 6°31 | 18° 6 | S 24 |
| M25 | 18 14 39 | 4°11'20 | 2♑ 0 | 11°26 | 26°18 | 18°40 | 21°27 | 26°23 | 22°51 | 11°27 | 9°31 | 8°36 | 7°18 | 6°37 | 18° 7 | M25 |
| T 26 | 18 18 36 | 5° 8'37 | 17° 0 | 13°33 | 27°28 | 19°19 | 21°24 | 26°29 | 22°49 | 11°29 | 9°33 | 8°34 | 7°15 | 6°44 | 18° 9 | T 26 |
| W27 | 18 22 32 | 6° 5'53 | 2♒ 5 | 15°38 | 28°38 | 19°58 | 21°21 | 26°36 | 22°46 | 11°31 | 9°34 | 8°30 | 7°12 | 6°51 | 18°10 | W27 |
| T 28 | 18 26 29 | 7° 3'08 | 17° 5 | 17°41 | 29°48 | 20°38 | 21°17 | 26°42 | 22°44 | 11°33 | 9°36 | 8°27 | 7° 8 | 6°58 | 18°11 | T 28 |
| F 29 | 18 30 25 | 8° 0'23 | 1♓52 | 19°42 | 0♊57 | 21°17 | 21°14 | 26°49 | 22°42 | 11°35 | 9°37 | 8°23 | 7° 5 | 7° 4 | 18°12 | F 29 |
| S 30 | 18 34 22 | 8♋57'38 | 16♓20 | 21♋41 | 2♊ 7 | 21♋56 | 21♒10 | 26♉55 | 22♏39 | 11♌36 | 9♋38 | 8♊20 | 7♊ 2 | 7♌11 | 18♈14 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 4 | 18s59 | 5s 3 | 16n14 | 2s 5 | 9n 3 | 2s 7 | 24n18 | 0n57 | 14s49 | 0s37 | 16n38 | 2s 3 | 21s47 | 0s28 | 17n22 | 0s 7 | 18n15 | 4s50 | 21n42 | 21n41 | 23n20 | 8n33 | 1n54 |
| S 2 | 22 12 | 14 10 | 5 17 | 16 48 | 1 57 | 9 26 | 2 8 | 24 18 | 0 57 | 14 49 | 0 37 | 16 40 | 2 3 | 21 48 | 0 28 | 17 22 | 0 7 | 18 15 | 4 50 | 21 42 | 21 41 | 23 19 | 8 34 | 1 54 |
| S 3 | 22 19 | 8 42 | 5 11 | 17 22 | 1 48 | 9 49 | 2 9 | 24 17 | 0 58 | 14 48 | 0 38 | 16 42 | 2 3 | 21 48 | 0 28 | 17 22 | 0 7 | 18 15 | 4 50 | 21 42 | 21 40 | 23 18 | 8 35 | 1 54 |
| M 4 | 22 26 | 2 54 | 4 47 | 17 56 | 1 38 | 10 11 | 2 10 | 24 16 | 0 58 | 14 48 | 0 38 | 16 44 | 2 3 | 21 48 | 0 28 | 17 21 | 0 7 | 18 15 | 4 50 | 21 42 | 21 40 | 23 17 | 8 36 | 1 54 |
| T 5 | 22 33 | 2n55 | 4 8 | 18 30 | 1 29 | 10 33 | 2 11 | 24 15 | 0 58 | 14 48 | 0 38 | 16 45 | 2 3 | 21 49 | 0 28 | 17 21 | 0 7 | 18 15 | 4 50 | 21 42 | 21 39 | 23 16 | 8 37 | 1 54 |
| W 6 | 22 39 | 8 30 | 3 17 | 19 4 | 1 19 | 10 55 | 2 11 | 24 13 | 0 59 | 14 48 | 0 38 | 16 47 | 2 3 | 21 49 | 0 28 | 17 21 | 0 7 | 18 15 | 4 50 | 21 43 | 21 39 | 23 15 | 8 38 | 1 54 |
| T 7 | 22 45 | 13 38 | 2 16 | 19 36 | 1 9 | 11 17 | 2 12 | 24 11 | 0 59 | 14 48 | 0 38 | 16 49 | 2 3 | 21 49 | 0 28 | 17 20 | 0 7 | 18 15 | 4 50 | 21 43 | 21 38 | 23 14 | 8 39 | 1 54 |
| F 8 | 22 50 | 18 5 | 1 10 | 20 8 | 0 58 | 11 39 | 2 12 | 24 9 | 0 59 | 14 48 | 0 39 | 16 51 | 2 3 | 21 49 | 0 28 | 17 20 | 0 7 | 18 15 | 4 50 | 21 43 | 21 38 | 23 12 | 8 39 | 1 54 |
| S 9 | 22 55 | 21 40 | 0 1 | 20 39 | 0 47 | 12 1 | 2 13 | 24 7 | 0 59 | 14 49 | 0 39 | 16 52 | 2 3 | 21 50 | 0 28 | 17 19 | 0 7 | 18 15 | 4 50 | 21 43 | 21 37 | 23 11 | 8 40 | 1 54 |
| S 10 | 23 0 | 24 11 | 1n 6 | 21 9 | 0 37 | 12 22 | 2 13 | 24 5 | 1 0 | 14 49 | 0 39 | 16 54 | 2 3 | 21 50 | 0 28 | 17 19 | 0 7 | 18 15 | 4 50 | 21 43 | 21 37 | 23 10 | 8 41 | 1 54 |
| M11 | 23 4 | 25 31 | 2 10 | 21 38 | 0 26 | 12 44 | 2 13 | 24 3 | 1 0 | 14 49 | 0 39 | 16 56 | 2 3 | 21 50 | 0 28 | 17 19 | 0 7 | 18 15 | 4 50 | 21 43 | 21 36 | 23 9 | 8 42 | 1 54 |
| T 12 | 23 8 | 25 39 | 3 7 | 22 5 | 0 15 | 13 5 | 2 13 | 24 0 | 1 0 | 14 49 | 0 40 | 16 57 | 2 3 | 21 51 | 0 28 | 17 18 | 0 7 | 18 15 | 4 49 | 21 42 | 21 36 | 23 8 | 8 43 | 1 54 |
| W13 | 23 11 | 24 35 | 3 56 | 22 31 | 0 4 | 13 26 | 2 13 | 23 57 | 1 0 | 14 50 | 0 40 | 16 59 | 2 3 | 21 51 | 0 28 | 17 18 | 0 7 | 18 15 | 4 49 | 21 42 | 21 35 | 23 7 | 8 43 | 1 54 |
| T 14 | 23 14 | 22 25 | 4 34 | 22 55 | 0n 7 | 13 46 | 2 13 | 23 54 | 1 1 | 14 50 | 0 40 | 17 1 | 2 3 | 21 52 | 0 28 | 17 17 | 0 7 | 18 15 | 4 49 | 21 42 | 21 35 | 23 5 | 8 44 | 1 54 |
| F 15 | 23 17 | 19 19 | 5 0 | 23 16 | 0 17 | 14 7 | 2 13 | 23 51 | 1 1 | 14 51 | 0 40 | 17 2 | 2 3 | 21 52 | 0 28 | 17 17 | 0 7 | 18 15 | 4 49 | 21 41 | 21 34 | 23 4 | 8 45 | 1 54 |
| S 16 | 23 19 | 15 25 | 5 14 | 23 36 | 0 28 | 14 27 | 2 12 | 23 47 | 1 1 | 14 52 | 0 41 | 17 4 | 2 3 | 21 52 | 0 29 | 17 16 | 0 7 | 18 15 | 4 49 | 21 41 | 21 33 | 23 3 | 8 46 | 1 55 |
| S 17 | 23 21 | 10 53 | 5 14 | 23 53 | 0 38 | 14 47 | 2 12 | 23 44 | 1 1 | 14 52 | 0 41 | 17 5 | 2 3 | 21 53 | 0 29 | 17 16 | 0 7 | 18 15 | 4 49 | 21 41 | 21 33 | 23 2 | 8 46 | 1 55 |
| M18 | 23 22 | 5 52 | 5 0 | 24 7 | 0 47 | 15 6 | 2 11 | 23 40 | 1 1 | 14 53 | 0 41 | 17 7 | 2 3 | 21 53 | 0 29 | 17 16 | 0 7 | 18 15 | 4 49 | 21 41 | 21 32 | 23 0 | 8 47 | 1 55 |
| T 19 | 23 23 | 0 31 | 4 31 | 24 19 | 0 56 | 15 26 | 2 11 | 23 36 | 1 2 | 14 54 | 0 41 | 17 9 | 2 3 | 21 53 | 0 29 | 17 15 | 0 7 | 18 15 | 4 49 | 21 41 | 21 32 | 22 59 | 8 48 | 1 55 |
| W20 | 23 23 | 5s 0 | 3 49 | 24 28 | 1 5 | 15 45 | 2 10 | 23 32 | 1 2 | 14 55 | 0 42 | 17 10 | 2 3 | 21 54 | 0 29 | 17 15 | 0 7 | 18 15 | 4 49 | 21 41 | 21 31 | 22 58 | 8 49 | 1 55 |
| T 21 | 23 23 | 10 28 | 2 54 | 24 34 | 1 13 | 16 3 | 2 9 | 23 27 | 1 2 | 14 55 | 0 42 | 17 12 | 2 4 | 21 54 | 0 29 | 17 14 | 0 7 | 18 15 | 4 49 | 21 41 | 21 31 | 22 57 | 8 49 | 1 55 |
| F 22 | 23 23 | 15 38 | 1 47 | 24 38 | 1 20 | 16 22 | 2 9 | 23 23 | 1 2 | 14 56 | 0 42 | 17 13 | 2 4 | 21 55 | 0 29 | 17 14 | 0 7 | 18 15 | 4 49 | 21 41 | 21 30 | 22 55 | 8 50 | 1 55 |
| S 23 | 23 22 | 20 9 | 0 32 | 24 39 | 1 27 | 16 40 | 2 8 | 23 18 | 1 3 | 14 57 | 0 42 | 17 15 | 2 4 | 21 55 | 0 29 | 17 13 | 0 7 | 18 15 | 4 49 | 21 42 | 21 30 | 22 54 | 8 50 | 1 55 |
| S 24 | 23 21 | 23 33 | 0s47 | 24 37 | 1 33 | 16 58 | 2 7 | 23 13 | 1 3 | 14 59 | 0 42 | 17 16 | 2 4 | 21 55 | 0 29 | 17 13 | 0 7 | 18 15 | 4 49 | 21 42 | 21 29 | 22 53 | 8 51 | 1 55 |
| M25 | 23 19 | 25 27 | 2 5 | 24 32 | 1 39 | 17 15 | 2 5 | 23 8 | 1 3 | 15 0 | 0 43 | 17 18 | 2 4 | 21 56 | 0 29 | 17 12 | 0 7 | 18 15 | 4 48 | 21 41 | 21 29 | 22 52 | 8 52 | 1 55 |
| T 26 | 23 17 | 25 32 | 3 15 | 24 25 | 1 43 | 17 32 | 2 4 | 23 2 | 1 3 | 15 1 | 0 43 | 17 19 | 2 4 | 21 56 | 0 29 | 17 12 | 0 7 | 18 15 | 4 48 | 21 41 | 21 28 | 22 50 | 8 52 | 1 55 |
| W27 | 23 15 | 23 45 | 4 12 | 24 15 | 1 47 | 17 49 | 2 3 | 22 57 | 1 3 | 15 2 | 0 43 | 17 20 | 2 4 | 21 56 | 0 29 | 17 11 | 0 7 | 18 15 | 4 48 | 21 40 | 21 28 | 22 49 | 8 53 | 1 55 |
| T 28 | 23 12 | 20 18 | 4 51 | 24 3 | 1 50 | 18 5 | 2 2 | 22 51 | 1 3 | 15 4 | 0 43 | 17 22 | 2 4 | 21 57 | 0 29 | 17 11 | 0 7 | 18 15 | 4 48 | 21 40 | 21 27 | 22 48 | 8 53 | 1 55 |
| F 29 | 23 9 | 15 37 | 5 11 | 23 48 | 1 53 | 18 21 | 2 0 | 22 45 | 1 4 | 15 5 | 0 44 | 17 23 | 2 4 | 21 57 | 0 29 | 17 10 | 0 7 | 18 15 | 4 48 | 21 39 | 21 27 | 22 46 | 8 54 | 1 55 |
| S 30 | 23n 5 | 10s 8 | 5s10 | 23n31 | 1n54 | 18n36 | 1s59 | 22n39 | 1n 4 | 15s 6 | 0s44 | 17n25 | 2s 4 | 21s58 | 0s29 | 17n10 | 0s 7 | 18n15 | 4s48 | 21n39 | 21n26 | 22n45 | 8n54 | 1n55 |

Julian Day Number = 2602176.5, Delta T = 09m14s
Ecliptic obliquity = 23°23'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'22, Lahiri = 29°37'23


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## JULY 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 38 18 | 9♋54'53 | 0♈25 | 23♋39 | 3♊17 | 22♋35 | 21°R 6 | 27♉ 2 | 22°R37 | 11♘38 | 9♋40 | 8°R19 | 6♊59 | 7♘18 | 18♈15 | S 1 |
| M 2 | 18 42 15 | 10°52'08 | 14° 6 | 25°34 | 4°28 | 23°14 | 21♒ 2 | 27° 8 | 22♑35 | 11°40 | 9°41 | 8°D18 | 6°56 | 7°24 | 18°16 | M 2 |
| T 3 | 18 46 11 | 11°49'23 | 27°25 | 27°27 | 5°38 | 23°53 | 20°58 | 27°14 | 22°32 | 11°42 | 9°43 | 8♊19 | 6°53 | 7°31 | 18°17 | T 3 |
| W 4 | 18 50 8 | 12°46'38 | 10♉23 | 29°18 | 6°48 | 24°32 | 20°53 | 27°20 | 22°30 | 11°44 | 9°44 | 8°21 | 6°49 | 7°38 | 18°18 | W 4 |
| T 5 | 18 54 5 | 13°43'52 | 23° 3 | 1♘ 7 | 7°58 | 25°11 | 20°49 | 27°27 | 22°28 | 11°46 | 9°46 | 8°22 | 6°46 | 7°45 | 18°19 | T 5 |
| F 6 | 18 58 1 | 14°41'07 | 5♊29 | 2°54 | 9° 9 | 25°50 | 20°44 | 27°33 | 22°25 | 11°48 | 9°47 | 8°R23 | 6°43 | 7°51 | 18°20 | F 6 |
| S 7 | 19 1 58 | 15°38'22 | 17°44 | 4°38 | 10°19 | 26°29 | 20°39 | 27°39 | 22°23 | 11°50 | 9°49 | 8°23 | 6°40 | 7°58 | 18°20 | S 7 |
| S 8 | 19 5 54 | 16°35'37 | 29°50 | 6°21 | 11°29 | 27° 8 | 20°34 | 27°45 | 22°20 | 11°52 | 9°50 | 8°20 | 6°37 | 8° 5 | 18°21 | S 8 |
| M 9 | 19 9 51 | 17°32'52 | 11♋49 | 8° 1 | 12°40 | 27°47 | 20°29 | 27°51 | 22°18 | 11°54 | 9°52 | 8°16 | 6°33 | 8°11 | 18°22 | M 9 |
| T 10 | 19 13 47 | 18°30'07 | 23°44 | 9°39 | 13°51 | 28°26 | 20°23 | 27°57 | 22°16 | 11°57 | 9°53 | 8°11 | 6°30 | 8°18 | 18°22 | T 10 |
| W11 | 19 17 44 | 19°27'22 | 5♘36 | 11°15 | 15° 1 | 29° 5 | 20°18 | 28° 2 | 22°13 | 11°59 | 9°55 | 8° 4 | 6°27 | 8°25 | 18°23 | W11 |
| T 12 | 19 21 40 | 20°24'37 | 17°27 | 12°49 | 16°12 | 29°44 | 20°12 | 28° 8 | 22°11 | 12° 1 | 9°56 | 7°56 | 6°24 | 8°31 | 18°24 | T 12 |
| F 13 | 19 25 37 | 21°21'51 | 29°18 | 14°21 | 17°23 | 0♘23 | 20° 6 | 28°14 | 22° 8 | 12° 3 | 9°57 | 7°48 | 6°21 | 8°38 | 18°24 | F 13 |
| S 14 | 19 29 34 | 22°19'05 | 11♍13 | 15°50 | 18°34 | 1° 2 | 20° 0 | 28°19 | 22° 6 | 12° 5 | 9°59 | 7°41 | 6°18 | 8°45 | 18°24 | S 14 |
| S 15 | 19 33 30 | 23°16'20 | 23°15 | 17°17 | 19°44 | 1°41 | 19°54 | 28°25 | 22° 3 | 12° 7 | 10° 0 | 7°35 | 6°14 | 8°52 | 18°25 | S 15 |
| M16 | 19 37 27 | 24°13'34 | 5♎26 | 18°42 | 20°55 | 2°19 | 19°48 | 28°30 | 22° 1 | 12° 9 | 10° 2 | 7°32 | 6°11 | 8°58 | 18°25 | M16 |
| T 17 | 19 41 23 | 25°10'47 | 17°50 | 20° 5 | 22° 6 | 2°58 | 19°42 | 28°36 | 21°59 | 12°11 | 10° 3 | 7°30 | 6° 8 | 9° 5 | 18°25 | T 17 |
| W18 | 19 45 20 | 26° 8'01 | 0♏32 | 21°25 | 23°17 | 3°37 | 19°35 | 28°41 | 21°56 | 12°13 | 10° 5 | 7°D30 | 6° 5 | 9°12 | 18°26 | W18 |
| T 19 | 19 49 16 | 27° 5'15 | 13°37 | 22°43 | 24°28 | 4°16 | 19°29 | 28°46 | 21°54 | 12°16 | 10° 6 | 7°30 | 6° 2 | 9°18 | 18°26 | T 19 |
| F 20 | 19 53 13 | 28° 2'29 | 27° 6 | 23°58 | 25°40 | 4°54 | 19°22 | 28°52 | 21°51 | 12°18 | 10° 7 | 7°31 | 5°59 | 9°25 | 18°26 | F 20 |
| S 21 | 19 57 9 | 28°59'43 | 11♐ 4 | 25°11 | 26°51 | 5°33 | 19°15 | 28°57 | 21°49 | 12°20 | 10° 9 | 7°R32 | 5°55 | 9°32 | 18°R26 | S 21 |
| S 22 | 20 1 6 | 29°56'57 | 25°29 | 26°22 | 28° 2 | 6°12 | 19° 8 | 29° 2 | 21°47 | 12°22 | 10°10 | 7°30 | 5°52 | 9°39 | 18°26 | S 22 |
| M23 | 20 5 3 | 0♘54'11 | 10♑18 | 27°29 | 29°13 | 6°50 | 19° 1 | 29° 7 | 21°44 | 12°24 | 10°12 | 7°27 | 5°49 | 9°45 | 18°26 | M23 |
| T 24 | 20 8 59 | 1°51'25 | 25°27 | 28°35 | 0♋25 | 7°29 | 18°54 | 29°12 | 21°42 | 12°26 | 10°13 | 7°22 | 5°46 | 9°52 | 18°26 | T 24 |
| W25 | 20 12 56 | 2°48'40 | 10♒44 | 29°37 | 1°36 | 8° 8 | 18°47 | 29°16 | 21°39 | 12°29 | 10°14 | 7°14 | 5°43 | 9°59 | 18°26 | W25 |
| T 26 | 20 16 52 | 3°45'55 | 26° 0 | 0♍36 | 2°47 | 8°46 | 18°40 | 29°21 | 21°37 | 12°31 | 10°16 | 7° 6 | 5°39 | 10° 5 | 18°25 | T 26 |
| F 27 | 20 20 49 | 4°43'11 | 11♓ 3 | 1°33 | 3°59 | 9°25 | 18°33 | 29°26 | 21°35 | 12°33 | 10°17 | 6°58 | 5°36 | 10°12 | 18°25 | F 27 |
| S 28 | 20 24 45 | 5°40'27 | 25°45 | 2°26 | 5°11 | 10° 4 | 18°25 | 29°30 | 21°32 | 12°35 | 10°18 | 6°51 | 5°33 | 10°19 | 18°25 | S 28 |
| S 29 | 20 28 42 | 6°37'44 | 10♈ 1 | 3°16 | 6°22 | 10°42 | 18°18 | 29°35 | 21°30 | 12°37 | 10°20 | 6°46 | 5°30 | 10°26 | 18°24 | S 29 |
| M30 | 20 32 38 | 7°35'02 | 23°47 | 4° 3 | 7°34 | 11°21 | 18°10 | 29°39 | 21°28 | 12°40 | 10°21 | 6°43 | 5°27 | 10°32 | 18°24 | M30 |
| T 31 | 20 36 35 | 8♘32'21 | 7♉ 6 | 4♍46 | 8♋46 | 11♘59 | 18♒ 3 | 29♉44 | 21♑26 | 12♘42 | 10♋22 | 6°D43 | 5♊24 | 10♘39 | 18♈23 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 1 | 4s16 | 4s50 | 23n13 | 1n55 | 18n51 | 1s57 | 22n33 | 1n 4 | 15s 8 | 0s44 | 17n26 | 2s 4 | 21s58 | 0s29 | 17n 9 | 0s 6 | 18n15 | 4s48 | 21n39 | 21n26 | 22n44 | 8n55 | 1n55 |
| M 2 | 22 57 | 1n39 | 4 14 | 22 52 | 1 55 | 19 6 | 1 55 | 22 27 | 1 4 | 15 9 | 0 44 | 17 27 | 2 5 | 21 58 | 0 29 | 17 9 | 0 6 | 18 15 | 4 48 | 21 39 | 21 25 | 22 42 | 8 55 | 1 55 |
| T 3 | 22 52 | 7 20 | 3 25 | 22 30 | 1 55 | 19 20 | 1 54 | 22 20 | 1 4 | 15 11 | 0 45 | 17 29 | 2 5 | 21 59 | 0 29 | 17 8 | 0 6 | 18 15 | 4 48 | 21 39 | 21 25 | 22 41 | 8 55 | 1 55 |
| W 4 | 22 46 | 12 34 | 2 27 | 22 6 | 1 53 | 19 33 | 1 52 | 22 14 | 1 5 | 15 13 | 0 45 | 17 30 | 2 5 | 21 59 | 0 29 | 17 8 | 0 6 | 18 15 | 4 48 | 21 39 | 21 24 | 22 40 | 8 56 | 1 55 |
| T 5 | 22 41 | 17 10 | 1 23 | 21 41 | 1 51 | 19 47 | 1 50 | 22 7 | 1 5 | 15 14 | 0 45 | 17 31 | 2 5 | 22 0 | 0 29 | 17 7 | 0 6 | 18 14 | 4 48 | 21 39 | 21 24 | 22 38 | 8 56 | 1 55 |
| F 6 | 22 35 | 20 55 | 0 16 | 21 14 | 1 49 | 19 59 | 1 48 | 22 0 | 1 5 | 15 16 | 0 45 | 17 32 | 2 5 | 22 0 | 0 29 | 17 6 | 0 6 | 18 14 | 4 48 | 21 39 | 21 23 | 22 37 | 8 57 | 1 55 |
| S 7 | 22 28 | 23 40 | 0n51 | 20 46 | 1 46 | 20 12 | 1 46 | 21 52 | 1 5 | 15 18 | 0 45 | 17 34 | 2 5 | 22 0 | 0 29 | 17 6 | 0 6 | 18 14 | 4 48 | 21 39 | 21 22 | 22 36 | 8 57 | 1 55 |
| S 8 | 22 22 | 25 17 | 1 54 | 20 17 | 1 42 | 20 23 | 1 44 | 21 45 | 1 5 | 15 20 | 0 46 | 17 35 | 2 5 | 22 1 | 0 29 | 17 5 | 0 6 | 18 14 | 4 48 | 21 39 | 21 22 | 22 34 | 8 57 | 1 55 |
| M 9 | 22 14 | 25 43 | 2 52 | 19 47 | 1 37 | 20 35 | 1 42 | 21 38 | 1 5 | 15 21 | 0 46 | 17 36 | 2 5 | 22 1 | 0 29 | 17 5 | 0 6 | 18 14 | 4 48 | 21 38 | 21 21 | 22 33 | 8 58 | 1 55 |
| T 10 | 22 7 | 24 56 | 3 41 | 19 17 | 1 32 | 20 45 | 1 40 | 21 30 | 1 5 | 15 23 | 0 46 | 17 37 | 2 5 | 22 2 | 0 29 | 17 4 | 0 6 | 18 14 | 4 48 | 21 37 | 21 21 | 22 32 | 8 58 | 1 55 |
| W11 | 21 59 | 23 2 | 4 21 | 18 45 | 1 27 | 20 56 | 1 38 | 21 22 | 1 6 | 15 25 | 0 46 | 17 38 | 2 6 | 22 2 | 0 29 | 17 4 | 0 6 | 18 14 | 4 48 | 21 36 | 21 20 | 22 30 | 8 58 | 1 55 |
| T 12 | 21 50 | 20 9 | 4 49 | 18 13 | 1 21 | 21 5 | 1 36 | 21 14 | 1 6 | 15 27 | 0 46 | 17 40 | 2 6 | 22 2 | 0 29 | 17 3 | 0 6 | 18 14 | 4 48 | 21 35 | 21 20 | 22 29 | 8 58 | 1 55 |
| F 13 | 21 42 | 16 27 | 5 5 | 17 40 | 1 14 | 21 14 | 1 33 | 21 6 | 1 6 | 15 29 | 0 47 | 17 41 | 2 6 | 22 3 | 0 29 | 17 3 | 0 6 | 18 14 | 4 48 | 21 34 | 21 19 | 22 27 | 8 59 | 1 55 |
| S 14 | 21 33 | 12 5 | 5 8 | 17 7 | 1 7 | 21 23 | 1 31 | 20 58 | 1 6 | 15 31 | 0 47 | 17 42 | 2 6 | 22 3 | 0 29 | 17 2 | 0 6 | 18 14 | 4 48 | 21 33 | 21 19 | 22 26 | 8 59 | 1 55 |
| S 15 | 21 23 | 7 13 | 4 57 | 16 34 | 0 59 | 21 31 | 1 29 | 20 49 | 1 6 | 15 33 | 0 47 | 17 43 | 2 6 | 22 4 | 0 29 | 17 1 | 0 6 | 18 14 | 4 48 | 21 32 | 21 18 | 22 25 | 8 59 | 1 55 |
| M16 | 21 13 | 2 1 | 4 33 | 16 0 | 0 51 | 21 39 | 1 26 | 20 41 | 1 6 | 15 36 | 0 47 | 17 44 | 2 6 | 22 4 | 0 29 | 17 1 | 0 6 | 18 14 | 4 48 | 21 31 | 21 18 | 22 23 | 8 59 | 1 55 |
| T 17 | 21 3 | 3s21 | 3 55 | 15 26 | 0 43 | 21 45 | 1 24 | 20 32 | 1 6 | 15 38 | 0 47 | 17 45 | 2 6 | 22 4 | 0 29 | 17 0 | 0 6 | 18 14 | 4 48 | 21 31 | 21 17 | 22 22 | 8 59 | 1 55 |
| W18 | 20 53 | 8 44 | 3 6 | 14 52 | 0 34 | 21 52 | 1 21 | 20 23 | 1 7 | 15 40 | 0 48 | 17 46 | 2 6 | 22 5 | 0 29 | 17 0 | 0 6 | 18 14 | 4 48 | 21 31 | 21 17 | 22 20 | 8 59 | 1 55 |
| T 19 | 20 42 | 13 54 | 2 5 | 14 18 | 0 24 | 21 58 | 1 19 | 20 14 | 1 7 | 15 42 | 0 48 | 17 47 | 2 7 | 22 5 | 0 29 | 16 59 | 0 6 | 18 13 | 4 47 | 21 31 | 21 16 | 22 19 | 8 59 | 1 56 |
| F 20 | 20 30 | 18 34 | 0 56 | 13 44 | 0 14 | 22 3 | 1 16 | 20 5 | 1 7 | 15 45 | 0 48 | 17 48 | 2 7 | 22 6 | 0 29 | 16 58 | 0 6 | 18 13 | 4 47 | 21 31 | 21 15 | 22 18 | 8 59 | 1 56 |
| S 21 | 20 19 | 22 22 | 0s19 | 13 10 | 0 4 | 22 7 | 1 14 | 19 55 | 1 7 | 15 47 | 0 48 | 17 49 | 2 7 | 22 6 | 0 29 | 16 58 | 0 6 | 18 13 | 4 47 | 21 31 | 21 15 | 22 16 | 8 59 | 1 56 |
| S 22 | 20 7 | 24 53 | 1 35 | 12 36 | 0s 6 | 22 11 | 1 11 | 19 46 | 1 7 | 15 49 | 0 48 | 17 50 | 2 7 | 22 6 | 0 29 | 16 57 | 0 6 | 18 13 | 4 47 | 21 31 | 21 14 | 22 15 | 9 0 | 1 56 |
| M23 | 19 55 | 25 45 | 2 46 | 12 3 | 0 17 | 22 15 | 1 8 | 19 36 | 1 7 | 15 51 | 0 49 | 17 51 | 2 7 | 22 7 | 0 29 | 16 57 | 0 6 | 18 13 | 4 47 | 21 30 | 21 14 | 22 13 | 9 0 | 1 56 |
| T 24 | 19 42 | 24 44 | 3 48 | 11 30 | 0 28 | 22 18 | 1 6 | 19 27 | 1 7 | 15 54 | 0 49 | 17 52 | 2 7 | 22 7 | 0 29 | 16 56 | 0 6 | 18 13 | 4 47 | 21 29 | 21 13 | 22 12 | 9 0 | 1 56 |
| W25 | 19 29 | 21 53 | 4 33 | 10 58 | 0 40 | 22 20 | 1 3 | 19 17 | 1 7 | 15 56 | 0 49 | 17 52 | 2 7 | 22 8 | 0 29 | 16 55 | 0 6 | 18 13 | 4 47 | 21 28 | 21 13 | 22 10 | 8 59 | 1 56 |
| T 26 | 19 16 | 17 31 | 4 59 | 10 26 | 0 52 | 22 21 | 1 0 | 19 7 | 1 7 | 15 59 | 0 49 | 17 53 | 2 8 | 22 8 | 0 29 | 16 55 | 0 6 | 18 13 | 4 47 | 21 27 | 21 12 | 22 9 | 8 59 | 1 56 |
| F 27 | 19 3 | 12 6 | 5 4 | 9 55 | 1 4 | 22 22 | 0 57 | 18 57 | 1 7 | 16 1 | 0 49 | 17 54 | 2 8 | 22 8 | 0 29 | 16 54 | 0 6 | 18 13 | 4 47 | 21 26 | 21 12 | 22 7 | 8 59 | 1 56 |
| S 28 | 18 49 | 6 6 | 4 49 | 9 24 | 1 16 | 22 23 | 0 55 | 18 46 | 1 8 | 16 3 | 0 49 | 17 55 | 2 8 | 22 9 | 0 29 | 16 54 | 0 6 | 18 13 | 4 47 | 21 24 | 21 11 | 22 6 | 8 59 | 1 56 |
| S 29 | 18 35 | 0n 2 | 4 16 | 8 55 | 1 28 | 22 22 | 0 52 | 18 36 | 1 8 | 16 6 | 0 50 | 17 56 | 2 8 | 22 9 | 0 29 | 16 53 | 0 6 | 18 13 | 4 47 | 21 24 | 21 10 | 22 4 | 8 59 | 1 56 |
| M30 | 18 20 | 5 59 | 3 28 | 8 26 | 1 41 | 22 21 | 0 49 | 18 25 | 1 8 | 16 8 | 0 50 | 17 57 | 2 8 | 22 9 | 0 29 | 16 52 | 0 6 | 18 13 | 4 47 | 21 23 | 21 10 | 22 3 | 8 59 | 1 56 |
| T 31 | 18n 5 | 11n28 | 2s31 | 7n59 | 1s54 | 22n20 | 0s46 | 18n15 | 1n 8 | 16s11 | 0s50 | 17n57 | 2s 8 | 22s10 | 0s29 | 16n52 | 0s 6 | 18n12 | 4s47 | 21n23 | 21n 9 | 22n 1 | 8n59 | 1n56 |

Julian Day Number = 2602206.5, Delta T = 09m14s
Ecliptic obliquity = 23°23'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'26, Lahiri = 29°37'28


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## AUGUST 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 40 32 | 9♌29'40 | 20♉ 1 | 5♍26 | 9♋57 | 12♌38 | 17°R55 | 29♉48 | 21°R23 | 12♌44 | 10♋24 | 6♊43 | 5♊20 | 10♌46 | 18°R23 | W 1 |
| T 2 | 20 44 28 | 10°27'01 | 2♊34 | 6° 2 | 11° 9 | 13°16 | 17♒48 | 29°52 | 21♑21 | 12°46 | 10°25 | 6°R43 | 5°17 | 10°52 | 18♈22 | T 2 |
| F 3 | 20 48 25 | 11°24'23 | 14°52 | 6°34 | 12°21 | 13°55 | 17°40 | 29°56 | 21°19 | 12°49 | 10°26 | 6°43 | 5°14 | 10°59 | 18°22 | F 3 |
| S 4 | 20 52 21 | 12°21'45 | 26°57 | 7° 1 | 13°33 | 14°33 | 17°32 | 0♊ 0 | 21°17 | 12°51 | 10°28 | 6°41 | 5°11 | 11° 6 | 18°21 | S 4 |
| S 5 | 20 56 18 | 13°19'08 | 8♋55 | 7°25 | 14°45 | 15°12 | 17°24 | 0° 4 | 21°14 | 12°53 | 10°29 | 6°37 | 5° 8 | 11°13 | 18°20 | S 5 |
| M 6 | 21 0 14 | 14°16'33 | 20°48 | 7°43 | 15°57 | 15°50 | 17°17 | 0° 8 | 21°12 | 12°55 | 10°30 | 6°30 | 5° 5 | 11°19 | 18°19 | M 6 |
| T 7 | 21 4 11 | 15°13'58 | 2♌39 | 7°57 | 17° 9 | 16°29 | 17° 9 | 0°12 | 21°10 | 12°57 | 10°31 | 6°20 | 5° 1 | 11°26 | 18°19 | T 7 |
| W 8 | 21 8 8 | 16°11'24 | 14°30 | 8° 7 | 18°21 | 17° 7 | 17° 1 | 0°15 | 21° 8 | 13° 0 | 10°33 | 6° 8 | 4°58 | 11°33 | 18°18 | W 8 |
| T 9 | 21 12 4 | 17° 8'51 | 26°22 | 8°R11 | 19°34 | 17°46 | 16°53 | 0°19 | 21° 6 | 13° 2 | 10°34 | 5°56 | 4°55 | 11°39 | 18°17 | T 9 |
| F 10 | 21 16 1 | 18° 6'19 | 8♍18 | 8°10 | 20°46 | 18°24 | 16°45 | 0°22 | 21° 4 | 13° 4 | 10°35 | 5°43 | 4°52 | 11°46 | 18°16 | F 10 |
| S 11 | 21 19 57 | 19° 3'47 | 20°18 | 8° 4 | 21°58 | 19° 2 | 16°38 | 0°26 | 21° 2 | 13° 6 | 10°36 | 5°31 | 4°49 | 11°53 | 18°15 | S 11 |
| S 12 | 21 23 54 | 20° 1'16 | 2♎24 | 7°52 | 23°11 | 19°41 | 16°30 | 0°29 | 21° 0 | 13° 9 | 10°37 | 5°21 | 4°45 | 11°59 | 18°13 | S 12 |
| M13 | 21 27 50 | 20°58'46 | 14°39 | 7°35 | 24°23 | 20°19 | 16°22 | 0°32 | 20°58 | 13°11 | 10°39 | 5°14 | 4°42 | 12° 6 | 18°12 | M13 |
| T 14 | 21 31 47 | 21°56'17 | 27° 6 | 7°13 | 25°35 | 20°58 | 16°14 | 0°35 | 20°56 | 13°13 | 10°40 | 5° 9 | 4°39 | 12°13 | 18°11 | T 14 |
| W15 | 21 35 43 | 22°53'49 | 9♏47 | 6°46 | 26°48 | 21°36 | 16° 7 | 0°38 | 20°54 | 13°15 | 10°41 | 5° 7 | 4°36 | 12°20 | 18°10 | W15 |
| T 16 | 21 39 40 | 23°51'21 | 22°48 | 6°14 | 28° 1 | 22°14 | 15°59 | 0°41 | 20°52 | 13°17 | 10°42 | 5°D 6 | 4°33 | 12°26 | 18° 8 | T 16 |
| F 17 | 21 43 36 | 24°48'55 | 6♐10 | 5°38 | 29°13 | 22°53 | 15°51 | 0°44 | 20°50 | 13°20 | 10°43 | 5°R 6 | 4°30 | 12°33 | 18° 7 | F 17 |
| S 18 | 21 47 33 | 25°46'29 | 19°58 | 4°57 | 0♌26 | 23°31 | 15°44 | 0°47 | 20°48 | 13°22 | 10°44 | 5° 6 | 4°26 | 12°40 | 18° 6 | S 18 |
| S 19 | 21 51 30 | 26°44'04 | 4♑13 | 4°13 | 1°38 | 24° 9 | 15°36 | 0°49 | 20°46 | 13°24 | 10°45 | 5° 3 | 4°23 | 12°46 | 18° 4 | S 19 |
| M20 | 21 55 26 | 27°41'40 | 18°53 | 3°26 | 2°51 | 24°48 | 15°29 | 0°52 | 20°45 | 13°26 | 10°46 | 4°59 | 4°20 | 12°53 | 18° 3 | M20 |
| T 21 | 21 59 23 | 28°39'16 | 3♒54 | 2°37 | 4° 4 | 25°26 | 15°21 | 0°54 | 20°43 | 13°28 | 10°47 | 4°51 | 4°17 | 13° 0 | 18° 1 | T 21 |
| W22 | 22 3 19 | 29°36'54 | 19° 8 | 1°47 | 5°17 | 26° 4 | 15°14 | 0°57 | 20°41 | 13°30 | 10°48 | 4°42 | 4°14 | 13° 7 | 18° 0 | W22 |
| T 23 | 22 7 16 | 0♍34'33 | 4♓25 | 0°56 | 6°30 | 26°42 | 15° 7 | 0°59 | 20°39 | 13°33 | 10°49 | 4°31 | 4°11 | 13°13 | 17°58 | T 23 |
| F 24 | 22 11 12 | 1°32'13 | 19°33 | 0° 6 | 7°43 | 27°21 | 14°59 | 1° 1 | 20°38 | 13°35 | 10°50 | 4°20 | 4° 7 | 13°20 | 17°56 | F 24 |
| S 25 | 22 15 9 | 2°29'55 | 4♈22 | 29♌17 | 8°56 | 27°59 | 14°52 | 1° 3 | 20°36 | 13°37 | 10°51 | 4°11 | 4° 4 | 13°27 | 17°54 | S 25 |
| S 26 | 22 19 5 | 3°27'38 | 18°45 | 28°32 | 10° 9 | 28°37 | 14°45 | 1° 5 | 20°35 | 13°39 | 10°52 | 4° 4 | 4° 1 | 13°33 | 17°53 | S 26 |
| M27 | 22 23 2 | 4°25'23 | 2♉39 | 27°49 | 11°22 | 29°15 | 14°38 | 1° 7 | 20°33 | 13°41 | 10°53 | 3°59 | 3°58 | 13°40 | 17°51 | M27 |
| T 28 | 22 26 59 | 5°23'09 | 16° 3 | 27°12 | 12°35 | 29°54 | 14°31 | 1° 8 | 20°32 | 13°43 | 10°54 | 3°57 | 3°55 | 13°47 | 17°49 | T 28 |
| W29 | 22 30 55 | 6°20'57 | 29° 0 | 26°40 | 13°48 | 0♍32 | 14°25 | 1°10 | 20°30 | 13°45 | 10°55 | 3°56 | 3°51 | 13°54 | 17°47 | W29 |
| T 30 | 22 34 52 | 7°18'47 | 11♊34 | 26°14 | 15° 1 | 1°10 | 14°18 | 1°11 | 20°29 | 13°47 | 10°56 | 3°56 | 3°48 | 14° 0 | 17°45 | T 30 |
| F 31 | 22 38 48 | 8♍16'38 | 23♊50 | 25♌54 | 16♌14 | 1♍48 | 14♒12 | 1♊13 | 20♑27 | 13♌49 | 10♋57 | 3♊55 | 3♊45 | 14♌ 7 | 17♈43 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n50 | 16n17 | 1s28 | 7n32 | 2s 6 | 22n18 | 0s43 | 18n 4 | 1n 8 | 16s13 | 0s50 | 17n58 | 2s 9 | 22s10 | 0s29 | 16n51 | 0s 6 | 18n12 | 4s47 | 21n23 | 21n 9 | 22n 0 | 8n59 | 1n56 |
| T 2 | 17 35 | 20 16 | 0 22 | 7 7 | 2 19 | 22 15 | 0 40 | 17 53 | 1 8 | 16 16 | 0 50 | 17 59 | 2 9 | 22 10 | 0 29 | 16 51 | 0 6 | 18 12 | 4 47 | 21 23 | 21 8 | 21 58 | 8 58 | 1 56 |
| F 3 | 17 19 | 23 15 | 0n43 | 6 44 | 2 32 | 22 12 | 0 38 | 17 42 | 1 8 | 16 18 | 0 50 | 17 59 | 2 9 | 22 11 | 0 29 | 16 50 | 0 6 | 18 12 | 4 47 | 21 23 | 21 8 | 21 57 | 8 58 | 1 56 |
| S 4 | 17 3 | 25 7 | 1 46 | 6 22 | 2 45 | 22 7 | 0 35 | 17 31 | 1 8 | 16 21 | 0 51 | 18 0 | 2 9 | 22 11 | 0 29 | 16 49 | 0 6 | 18 12 | 4 47 | 21 23 | 21 7 | 21 55 | 8 58 | 1 56 |
| S 5 | 16 47 | 25 47 | 2 42 | 6 1 | 2 58 | 22 3 | 0 32 | 17 20 | 1 8 | 16 23 | 0 51 | 18 1 | 2 9 | 22 11 | 0 29 | 16 49 | 0 6 | 18 12 | 4 47 | 21 22 | 21 6 | 21 54 | 8 58 | 1 56 |
| M 6 | 16 31 | 25 16 | 3 32 | 5 43 | 3 10 | 21 57 | 0 29 | 17 8 | 1 8 | 16 26 | 0 51 | 18 1 | 2 9 | 22 12 | 0 29 | 16 48 | 0 6 | 18 12 | 4 47 | 21 21 | 21 6 | 21 52 | 8 57 | 1 56 |
| T 7 | 16 14 | 23 36 | 4 11 | 5 26 | 3 22 | 21 52 | 0 26 | 16 57 | 1 8 | 16 28 | 0 51 | 18 2 | 2 10 | 22 12 | 0 29 | 16 47 | 0 6 | 18 12 | 4 47 | 21 19 | 21 5 | 21 51 | 8 57 | 1 56 |
| W 8 | 15 57 | 20 55 | 4 40 | 5 12 | 3 34 | 21 45 | 0 23 | 16 45 | 1 8 | 16 31 | 0 51 | 18 3 | 2 10 | 22 12 | 0 29 | 16 47 | 0 6 | 18 12 | 4 47 | 21 17 | 21 5 | 21 49 | 8 57 | 1 56 |
| T 9 | 15 40 | 17 21 | 4 57 | 4 59 | 3 46 | 21 38 | 0 20 | 16 34 | 1 8 | 16 33 | 0 51 | 18 3 | 2 10 | 22 13 | 0 29 | 16 46 | 0 6 | 18 11 | 4 47 | 21 15 | 21 4 | 21 47 | 8 56 | 1 56 |
| F 10 | 15 22 | 13 5 | 5 1 | 4 49 | 3 57 | 21 30 | 0 17 | 16 22 | 1 8 | 16 36 | 0 51 | 18 4 | 2 10 | 22 13 | 0 29 | 16 46 | 0 6 | 18 11 | 4 47 | 21 13 | 21 4 | 21 46 | 8 56 | 1 56 |
| S 11 | 15 5 | 8 18 | 4 51 | 4 42 | 4 7 | 21 22 | 0 15 | 16 10 | 1 9 | 16 38 | 0 51 | 18 4 | 2 10 | 22 13 | 0 29 | 16 45 | 0 6 | 18 11 | 4 47 | 21 11 | 21 3 | 21 44 | 8 56 | 1 56 |
| S 12 | 14 47 | 3 9 | 4 29 | 4 37 | 4 17 | 21 13 | 0 12 | 15 58 | 1 9 | 16 41 | 0 52 | 18 5 | 2 11 | 22 14 | 0 29 | 16 44 | 0 6 | 18 11 | 4 47 | 21 9 | 21 2 | 21 43 | 8 55 | 1 56 |
| M13 | 14 28 | 2s10 | 3 53 | 4 35 | 4 26 | 21 3 | 0 9 | 15 46 | 1 9 | 16 43 | 0 52 | 18 5 | 2 11 | 22 14 | 0 29 | 16 44 | 0 6 | 18 11 | 4 47 | 21 7 | 21 2 | 21 41 | 8 55 | 1 56 |
| T 14 | 14 10 | 7 31 | 3 7 | 4 36 | 4 33 | 20 53 | 0 6 | 15 34 | 1 9 | 16 46 | 0 52 | 18 6 | 2 11 | 22 14 | 0 29 | 16 43 | 0 6 | 18 11 | 4 48 | 21 7 | 21 1 | 21 40 | 8 54 | 1 56 |
| W15 | 13 51 | 12 40 | 2 10 | 4 40 | 4 40 | 20 42 | 0 3 | 15 21 | 1 9 | 16 48 | 0 52 | 18 6 | 2 11 | 22 15 | 0 29 | 16 43 | 0 6 | 18 11 | 4 48 | 21 6 | 21 1 | 21 38 | 8 54 | 1 56 |
| T 16 | 13 32 | 17 23 | 1 5 | 4 47 | 4 45 | 20 31 | 0 0 | 15 9 | 1 9 | 16 50 | 0 52 | 18 6 | 2 11 | 22 15 | 0 29 | 16 42 | 0 6 | 18 11 | 4 48 | 21 6 | 21 0 | 21 36 | 8 53 | 1 56 |
| F 17 | 13 13 | 21 23 | 0s 6 | 4 57 | 4 49 | 20 19 | 0n 2 | 14 57 | 1 9 | 16 53 | 0 52 | 18 7 | 2 11 | 22 15 | 0 29 | 16 41 | 0 6 | 18 11 | 4 48 | 21 6 | 21 0 | 21 35 | 8 53 | 1 56 |
| S 18 | 12 54 | 24 18 | 1 18 | 5 9 | 4 51 | 20 6 | 0 5 | 14 44 | 1 9 | 16 55 | 0 52 | 18 7 | 2 12 | 22 15 | 0 29 | 16 41 | 0 6 | 18 11 | 4 48 | 21 6 | 20 59 | 21 33 | 8 52 | 1 56 |
| S 19 | 12 35 | 25 46 | 2 27 | 5 25 | 4 52 | 19 53 | 0 8 | 14 31 | 1 9 | 16 57 | 0 52 | 18 8 | 2 12 | 22 16 | 0 29 | 16 40 | 0 6 | 18 10 | 4 48 | 21 6 | 20 58 | 21 32 | 8 52 | 1 56 |
| M20 | 12 15 | 25 31 | 3 29 | 5 43 | 4 50 | 19 39 | 0 11 | 14 19 | 1 9 | 17 0 | 0 52 | 18 8 | 2 12 | 22 16 | 0 29 | 16 39 | 0 6 | 18 10 | 4 48 | 21 5 | 20 58 | 21 30 | 8 51 | 1 56 |
| T 21 | 11 55 | 23 25 | 4 18 | 6 3 | 4 47 | 19 25 | 0 13 | 14 6 | 1 9 | 17 2 | 0 52 | 18 8 | 2 12 | 22 16 | 0 29 | 16 39 | 0 6 | 18 10 | 4 48 | 21 4 | 20 57 | 21 28 | 8 51 | 1 56 |
| W22 | 11 35 | 19 38 | 4 49 | 6 25 | 4 42 | 19 10 | 0 16 | 13 53 | 1 9 | 17 4 | 0 52 | 18 8 | 2 12 | 22 16 | 0 29 | 16 38 | 0 6 | 18 10 | 4 48 | 21 2 | 20 57 | 21 27 | 8 50 | 1 56 |
| T 23 | 11 15 | 14 32 | 5 0 | 6 49 | 4 35 | 18 55 | 0 19 | 13 40 | 1 9 | 17 6 | 0 53 | 18 9 | 2 13 | 22 17 | 0 29 | 16 38 | 0 6 | 18 10 | 4 48 | 21 0 | 20 56 | 21 25 | 8 49 | 1 56 |
| F 24 | 10 54 | 8 34 | 4 50 | 7 15 | 4 27 | 18 39 | 0 21 | 13 27 | 1 9 | 17 9 | 0 53 | 18 9 | 2 13 | 22 17 | 0 29 | 16 37 | 0 6 | 18 10 | 4 48 | 20 58 | 20 55 | 21 23 | 8 49 | 1 56 |
| S 25 | 10 34 | 2 15 | 4 20 | 7 42 | 4 16 | 18 22 | 0 24 | 13 14 | 1 9 | 17 11 | 0 53 | 18 9 | 2 13 | 22 17 | 0 29 | 16 36 | 0 6 | 18 10 | 4 48 | 20 56 | 20 55 | 21 22 | 8 48 | 1 56 |
| S 26 | 10 13 | 4n 1 | 3 34 | 8 9 | 4 4 | 18 5 | 0 26 | 13 0 | 1 9 | 17 13 | 0 53 | 18 9 | 2 13 | 22 17 | 0 29 | 16 36 | 0 6 | 18 10 | 4 48 | 20 55 | 20 54 | 21 20 | 8 47 | 1 56 |
| M27 | 9 52 | 9 54 | 2 37 | 8 36 | 3 50 | 17 48 | 0 29 | 12 47 | 1 9 | 17 15 | 0 53 | 18 10 | 2 13 | 22 18 | 0 29 | 16 35 | 0 6 | 18 10 | 4 48 | 20 54 | 20 54 | 21 18 | 8 47 | 1 56 |
| T 28 | 9 31 | 15 7 | 1 33 | 9 3 | 3 35 | 17 30 | 0 31 | 12 34 | 1 9 | 17 17 | 0 53 | 18 10 | 2 14 | 22 18 | 0 29 | 16 35 | 0 6 | 18 9 | 4 48 | 20 53 | 20 53 | 21 17 | 8 46 | 1 56 |
| W29 | 9 10 | 19 28 | 0 26 | 9 29 | 3 19 | 17 11 | 0 34 | 12 20 | 1 9 | 17 19 | 0 53 | 18 10 | 2 14 | 22 18 | 0 29 | 16 34 | 0 6 | 18 9 | 4 48 | 20 53 | 20 53 | 21 15 | 8 45 | 1 56 |
| T 30 | 8 48 | 22 47 | 0n40 | 9 53 | 3 2 | 16 52 | 0 36 | 12 7 | 1 9 | 17 21 | 0 53 | 18 10 | 2 14 | 22 18 | 0 29 | 16 33 | 0 6 | 18 9 | 4 48 | 20 53 | 20 52 | 21 13 | 8 45 | 1 56 |
| F 31 | 8n27 | 24n58 | 1n43 | 10n16 | 2s45 | 16n33 | 0n39 | 11n53 | 1n 9 | 17s23 | 0s53 | 18n10 | 2s14 | 22s18 | 0s29 | 16n33 | 0s 6 | 18n 9 | 4s48 | 20n53 | 20n51 | 21n12 | 8n44 | 1n56 |

Julian Day Number = 2602237.5, Delta T = 09m15s
Ecliptic obliquity = 23°23'12, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'30, Lahiri = 29°37'32


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## SEPTEMBER 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 42 45 | 9♍14'31 | 5♋53 | 25°R42 | 17♌28 | 2♍27 | 14°R 5 | 1♊14 | 20°R26 | 13♌52 | 10♋58 | 3°R53 | 3♊42 | 14♌14 | 17°R41 | S 1 |
| S 2 | 22 46 41 | 10°12'26 | 17°47 | 25°D38 | 18°41 | 3° 5 | 13♒59 | 1°15 | 20♑25 | 13°54 | 10°59 | 3♊48 | 3°39 | 14°20 | 17♈39 | S 2 |
| M 3 | 22 50 38 | 11°10'23 | 29°38 | 25♌41 | 19°54 | 3°43 | 13°53 | 1°16 | 20°24 | 13°56 | 11° 0 | 3°41 | 3°36 | 14°27 | 17°37 | M 3 |
| T 4 | 22 54 34 | 12° 8'21 | 11♌28 | 25°53 | 21° 8 | 4°21 | 13°47 | 1°17 | 20°22 | 13°58 | 11° 0 | 3°31 | 3°32 | 14°34 | 17°35 | T 4 |
| W 5 | 22 58 31 | 13° 6'21 | 23°21 | 26°13 | 22°21 | 4°59 | 13°41 | 1°18 | 20°21 | 14° 0 | 11° 1 | 3°19 | 3°29 | 14°41 | 17°33 | W 5 |
| T 6 | 23 2 28 | 14° 4'22 | 5♍18 | 26°41 | 23°35 | 5°38 | 13°35 | 1°19 | 20°20 | 14° 2 | 11° 2 | 3° 5 | 3°26 | 14°47 | 17°30 | T 6 |
| F 7 | 23 6 24 | 15° 2'25 | 17°20 | 27°18 | 24°49 | 6°16 | 13°29 | 1°20 | 20°19 | 14° 4 | 11° 3 | 2°51 | 3°23 | 14°54 | 17°28 | F 7 |
| S 8 | 23 10 21 | 16° 0'30 | 29°30 | 28° 2 | 26° 2 | 6°54 | 13°24 | 1°20 | 20°18 | 14° 6 | 11° 3 | 2°39 | 3°20 | 15° 1 | 17°26 | S 8 |
| S 9 | 23 14 17 | 16°58'36 | 11♎47 | 28°54 | 27°16 | 7°32 | 13°19 | 1°21 | 20°17 | 14° 7 | 11° 4 | 2°28 | 3°16 | 15° 7 | 17°24 | S 9 |
| M10 | 23 18 14 | 17°56'44 | 24°13 | 29°53 | 28°30 | 8°10 | 13°13 | 1°21 | 20°16 | 14° 9 | 11° 5 | 2°20 | 3°13 | 15°14 | 17°21 | M10 |
| T 11 | 23 22 10 | 18°54'53 | 6♏49 | 0♍59 | 29°43 | 8°48 | 13° 8 | 1°21 | 20°15 | 14°11 | 11° 6 | 2°15 | 3°10 | 15°21 | 17°19 | T 11 |
| W12 | 23 26 7 | 19°53'04 | 19°38 | 2°11 | 0♍57 | 9°27 | 13° 4 | 1°21 | 20°14 | 14°13 | 11° 6 | 2°12 | 3° 7 | 15°28 | 17°16 | W12 |
| T 13 | 23 30 3 | 20°51'16 | 2♐42 | 3°30 | 2°11 | 10° 5 | 12°59 | 1°R21 | 20°13 | 14°15 | 11° 7 | 2°D12 | 3° 4 | 15°34 | 17°14 | T 13 |
| F 14 | 23 34 0 | 21°49'30 | 16° 4 | 4°54 | 3°25 | 10°43 | 12°54 | 1°21 | 20°13 | 14°17 | 11° 7 | 2°R12 | 3° 1 | 15°41 | 17°11 | F 14 |
| S 15 | 23 37 57 | 22°47'45 | 29°46 | 6°24 | 4°39 | 11°21 | 12°50 | 1°21 | 20°12 | 14°19 | 11° 8 | 2°12 | 2°57 | 15°48 | 17° 9 | S 15 |
| S 16 | 23 41 53 | 23°46'02 | 13♑49 | 7°57 | 5°53 | 11°59 | 12°46 | 1°21 | 20°11 | 14°21 | 11° 9 | 2°11 | 2°54 | 15°54 | 17° 6 | S 16 |
| M17 | 23 45 50 | 24°44'20 | 28°14 | 9°35 | 7° 7 | 12°37 | 12°42 | 1°20 | 20°11 | 14°22 | 11° 9 | 2° 7 | 2°51 | 16° 1 | 17° 4 | M17 |
| T 18 | 23 49 46 | 25°42'39 | 12♒57 | 11°16 | 8°21 | 13°15 | 12°38 | 1°20 | 20°10 | 14°24 | 11°10 | 2° 1 | 2°48 | 16° 8 | 17° 1 | T 18 |
| W19 | 23 53 43 | 26°41'00 | 27°53 | 12°59 | 9°35 | 13°53 | 12°34 | 1°19 | 20°10 | 14°26 | 11°10 | 1°52 | 2°45 | 16°15 | 16°59 | W19 |
| T 20 | 23 57 39 | 27°39'23 | 12♓54 | 14°45 | 10°49 | 14°32 | 12°31 | 1°18 | 20° 9 | 14°28 | 11°11 | 1°43 | 2°42 | 16°21 | 16°56 | T 20 |
| F 21 | 0 1 36 | 28°37'48 | 27°51 | 16°33 | 12° 3 | 15°10 | 12°27 | 1°17 | 20° 9 | 14°29 | 11°11 | 1°33 | 2°38 | 16°28 | 16°53 | F 21 |
| S 22 | 0 5 32 | 29°36'14 | 12♈33 | 18°23 | 13°17 | 15°48 | 12°24 | 1°16 | 20° 8 | 14°31 | 11°12 | 1°25 | 2°35 | 16°35 | 16°51 | S 22 |
| S 23 | 0 9 29 | 0♎34'42 | 26°55 | 20°13 | 14°31 | 16°26 | 12°21 | 1°15 | 20° 8 | 14°33 | 11°12 | 1°18 | 2°32 | 16°42 | 16°48 | S 23 |
| M24 | 0 13 26 | 1°33'12 | 10♉50 | 22° 5 | 15°45 | 17° 4 | 12°19 | 1°14 | 20° 8 | 14°34 | 11°12 | 1°14 | 2°29 | 16°48 | 16°45 | M24 |
| T 25 | 0 17 22 | 2°31'44 | 24°18 | 23°57 | 17° 0 | 17°42 | 12°16 | 1°13 | 20° 8 | 14°36 | 11°13 | 1°12 | 2°26 | 16°55 | 16°43 | T 25 |
| W26 | 0 21 19 | 3°30'19 | 7♊19 | 25°49 | 18°14 | 18°20 | 12°14 | 1°12 | 20° 7 | 14°38 | 11°13 | 1°D12 | 2°22 | 17° 2 | 16°40 | W26 |
| T 27 | 0 25 15 | 4°28'56 | 19°56 | 27°41 | 19°28 | 18°58 | 12°11 | 1°10 | 20° 7 | 14°39 | 11°13 | 1°13 | 2°19 | 17° 8 | 16°37 | T 27 |
| F 28 | 0 29 12 | 5°27'35 | 2♋15 | 29°32 | 20°43 | 19°36 | 12° 9 | 1° 9 | 20° 7 | 14°41 | 11°14 | 1°R14 | 2°16 | 17°15 | 16°35 | F 28 |
| S 29 | 0 33 8 | 6°26'16 | 14°19 | 1♎24 | 21°57 | 20°14 | 12° 8 | 1° 7 | 20°D 7 | 14°42 | 11°14 | 1°14 | 2°13 | 17°22 | 16°32 | S 29 |
| S 30 | 0 37 5 | 7♎24'59 | 26♋15 | 3♎15 | 23♍11 | 20♍53 | 12♒ 6 | 1♊ 5 | 20♑ 7 | 14♌44 | 11♋14 | 1♊11 | 2♊10 | 17♌29 | 16♈29 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n 5 | 25n55 | 2n40 | 10n38 | 2s26 | 16n13 | 0n41 | 11n39 | 1n 9 | 17s25 | 0s53 | 18n10 | 2s14 | 22s19 | 0s29 | 16n32 | 0s 6 | 18n 9 | 4s48 | 20n53 | 20n51 | 21n10 | 8n43 | 1n56 |
| S 2 | 7 43 | 25 40 | 3 30 | 10 56 | 2 8 | 15 53 | 0 43 | 11 25 | 1 9 | 17 27 | 0 53 | 18 10 | 2 15 | 22 19 | 0 29 | 16 32 | 0 6 | 18 9 | 4 48 | 20 52 | 20 50 | 21 8 | 8 42 | 1 56 |
| M 3 | 7 22 | 24 15 | 4 9 | 11 13 | 1 49 | 15 32 | 0 45 | 11 12 | 1 9 | 17 28 | 0 53 | 18 10 | 2 15 | 22 19 | 0 29 | 16 31 | 0 6 | 18 9 | 4 48 | 20 51 | 20 50 | 21 6 | 8 41 | 1 56 |
| T 4 | 7 0 | 21 46 | 4 38 | 11 26 | 1 31 | 15 11 | 0 48 | 10 58 | 1 9 | 17 30 | 0 53 | 18 10 | 2 15 | 22 19 | 0 29 | 16 31 | 0 6 | 18 9 | 4 48 | 20 49 | 20 49 | 21 5 | 8 41 | 1 56 |
| W 5 | 6 37 | 18 21 | 4 55 | 11 37 | 1 13 | 14 49 | 0 50 | 10 44 | 1 9 | 17 32 | 0 53 | 18 10 | 2 15 | 22 19 | 0 29 | 16 30 | 0 6 | 18 9 | 4 48 | 20 46 | 20 48 | 21 3 | 8 40 | 1 56 |
| T 6 | 6 15 | 14 12 | 5 0 | 11 44 | 0 55 | 14 27 | 0 52 | 10 30 | 1 9 | 17 33 | 0 53 | 18 10 | 2 15 | 22 19 | 0 29 | 16 29 | 0 6 | 18 8 | 4 48 | 20 44 | 20 48 | 21 1 | 8 39 | 1 56 |
| F 7 | 5 53 | 9 27 | 4 51 | 11 48 | 0 38 | 14 4 | 0 54 | 10 16 | 1 9 | 17 35 | 0 53 | 18 10 | 2 16 | 22 20 | 0 29 | 16 29 | 0 6 | 18 8 | 4 48 | 20 41 | 20 47 | 21 0 | 8 38 | 1 56 |
| S 8 | 5 30 | 4 18 | 4 28 | 11 48 | 0 21 | 13 41 | 0 56 | 10 1 | 1 9 | 17 37 | 0 53 | 18 10 | 2 16 | 22 20 | 0 29 | 16 28 | 0 6 | 18 8 | 4 48 | 20 39 | 20 47 | 20 58 | 8 37 | 1 56 |
| S 9 | 5 8 | 1s 4 | 3 53 | 11 45 | 0 5 | 13 18 | 0 58 | 9 47 | 1 9 | 17 38 | 0 53 | 18 10 | 2 16 | 22 20 | 0 29 | 16 28 | 0 6 | 18 8 | 4 48 | 20 37 | 20 46 | 20 56 | 8 36 | 1 56 |
| M10 | 4 45 | 6 28 | 3 7 | 11 38 | 0n10 | 12 54 | 1 0 | 9 33 | 1 9 | 17 40 | 0 53 | 18 10 | 2 16 | 22 20 | 0 29 | 16 27 | 0 6 | 18 8 | 4 48 | 20 35 | 20 45 | 20 54 | 8 35 | 1 56 |
| T 11 | 4 23 | 11 43 | 2 10 | 11 28 | 0 24 | 12 30 | 1 2 | 9 19 | 1 9 | 17 41 | 0 53 | 18 10 | 2 16 | 22 20 | 0 29 | 16 27 | 0 6 | 18 8 | 4 49 | 20 34 | 20 45 | 20 53 | 8 34 | 1 56 |
| W12 | 4 0 | 16 33 | 1 6 | 11 15 | 0 37 | 12 6 | 1 3 | 9 4 | 1 9 | 17 43 | 0 53 | 18 9 | 2 17 | 22 20 | 0 29 | 16 26 | 0 6 | 18 8 | 4 49 | 20 33 | 20 44 | 20 51 | 8 33 | 1 56 |
| T 13 | 3 37 | 20 42 | 0s 3 | 10 57 | 0 49 | 11 41 | 1 5 | 8 50 | 1 9 | 17 44 | 0 53 | 18 9 | 2 17 | 22 20 | 0 29 | 16 26 | 0 6 | 18 8 | 4 49 | 20 33 | 20 43 | 20 49 | 8 32 | 1 56 |
| F 14 | 3 14 | 23 52 | 1 13 | 10 37 | 0 59 | 11 16 | 1 7 | 8 35 | 1 8 | 17 45 | 0 53 | 18 9 | 2 17 | 22 20 | 0 29 | 16 25 | 0 6 | 18 8 | 4 49 | 20 33 | 20 43 | 20 47 | 8 31 | 1 56 |
| S 15 | 2 51 | 25 44 | 2 21 | 10 13 | 1 9 | 10 51 | 1 8 | 8 21 | 1 8 | 17 46 | 0 53 | 18 9 | 2 17 | 22 21 | 0 29 | 16 25 | 0 6 | 18 7 | 4 49 | 20 33 | 20 42 | 20 45 | 8 30 | 1 56 |
| S 16 | 2 28 | 26 1 | 3 22 | 9 46 | 1 18 | 10 25 | 1 10 | 8 6 | 1 8 | 17 48 | 0 53 | 18 9 | 2 17 | 22 21 | 0 29 | 16 24 | 0 6 | 18 7 | 4 49 | 20 33 | 20 42 | 20 44 | 8 29 | 1 56 |
| M17 | 2 5 | 24 35 | 4 12 | 9 17 | 1 25 | 9 59 | 1 11 | 7 52 | 1 8 | 17 49 | 0 53 | 18 8 | 2 18 | 22 21 | 0 29 | 16 24 | 0 6 | 18 7 | 4 49 | 20 32 | 20 41 | 20 42 | 8 28 | 1 56 |
| T 18 | 1 42 | 21 28 | 4 47 | 8 44 | 1 32 | 9 33 | 1 13 | 7 37 | 1 8 | 17 50 | 0 53 | 18 8 | 2 18 | 22 21 | 0 29 | 16 23 | 0 6 | 18 7 | 4 49 | 20 31 | 20 40 | 20 40 | 8 27 | 1 56 |
| W19 | 1 19 | 16 54 | 5 2 | 8 10 | 1 37 | 9 6 | 1 14 | 7 22 | 1 8 | 17 51 | 0 53 | 18 8 | 2 18 | 22 21 | 0 29 | 16 23 | 0 6 | 18 7 | 4 49 | 20 29 | 20 40 | 20 38 | 8 26 | 1 56 |
| T 20 | 0 56 | 11 16 | 4 57 | 7 33 | 1 42 | 8 40 | 1 15 | 7 8 | 1 8 | 17 52 | 0 53 | 18 7 | 2 18 | 22 21 | 0 29 | 16 22 | 0 6 | 18 7 | 4 49 | 20 28 | 20 39 | 20 36 | 8 25 | 1 56 |
| F 21 | 0 33 | 5 1 | 4 32 | 6 54 | 1 45 | 8 13 | 1 17 | 6 53 | 1 8 | 17 53 | 0 53 | 18 7 | 2 18 | 22 21 | 0 28 | 16 22 | 0 6 | 18 7 | 4 49 | 20 26 | 20 39 | 20 35 | 8 24 | 1 56 |
| S 22 | 0 9 | 1n26 | 3 49 | 6 14 | 1 47 | 7 45 | 1 18 | 6 38 | 1 8 | 17 53 | 0 53 | 18 7 | 2 18 | 22 21 | 0 28 | 16 21 | 0 6 | 18 7 | 4 49 | 20 24 | 20 38 | 20 33 | 8 23 | 1 56 |
| S 23 | 0s14 | 7 40 | 2 52 | 5 32 | 1 49 | 7 18 | 1 19 | 6 23 | 1 8 | 17 54 | 0 53 | 18 6 | 2 19 | 22 21 | 0 28 | 16 21 | 0 6 | 18 7 | 4 49 | 20 23 | 20 37 | 20 31 | 8 22 | 1 56 |
| M24 | 0 37 | 13 21 | 1 47 | 4 49 | 1 50 | 6 50 | 1 20 | 6 8 | 1 8 | 17 55 | 0 53 | 18 6 | 2 19 | 22 21 | 0 28 | 16 20 | 0 6 | 18 7 | 4 49 | 20 22 | 20 37 | 20 29 | 8 21 | 1 56 |
| T 25 | 1 0 | 18 12 | 0 37 | 4 5 | 1 50 | 6 22 | 1 21 | 5 53 | 1 8 | 17 56 | 0 53 | 18 5 | 2 19 | 22 21 | 0 28 | 16 20 | 0 6 | 18 7 | 4 49 | 20 21 | 20 36 | 20 27 | 8 20 | 1 56 |
| W26 | 1 23 | 22 1 | 0n33 | 3 20 | 1 49 | 5 54 | 1 22 | 5 39 | 1 8 | 17 56 | 0 53 | 18 5 | 2 19 | 22 21 | 0 28 | 16 19 | 0 6 | 18 6 | 4 49 | 20 21 | 20 35 | 20 25 | 8 19 | 1 56 |
| T 27 | 1 47 | 24 39 | 1 39 | 2 34 | 1 48 | 5 26 | 1 23 | 5 24 | 1 8 | 17 57 | 0 53 | 18 4 | 2 19 | 22 21 | 0 28 | 16 19 | 0 6 | 18 6 | 4 49 | 20 22 | 20 35 | 20 24 | 8 18 | 1 55 |
| F 28 | 2 10 | 26 0 | 2 38 | 1 48 | 1 46 | 4 57 | 1 24 | 5 9 | 1 8 | 17 57 | 0 53 | 18 4 | 2 20 | 22 21 | 0 28 | 16 18 | 0 6 | 18 6 | 4 49 | 20 22 | 20 34 | 20 22 | 8 17 | 1 55 |
| S 29 | 2 33 | 26 6 | 3 30 | 1 1 | 1 43 | 4 29 | 1 24 | 4 54 | 1 7 | 17 58 | 0 53 | 18 3 | 2 20 | 22 21 | 0 28 | 16 18 | 0 6 | 18 6 | 4 50 | 20 22 | 20 34 | 20 20 | 8 16 | 1 55 |
| S 30 | 2s56 | 24n58 | 4n12 | 0n14 | 1n40 | 4n 0 | 1n25 | 4n38 | 1n 7 | 17s58 | 0s53 | 18n 3 | 2s20 | 22s21 | 0s28 | 16n17 | 0s 6 | 18n 6 | 4s50 | 20n21 | 20n33 | 20n18 | 8n14 | 1n55 |

Julian Day Number = 2602268.5, Delta T = 09m15s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'35, Lahiri = 29°37'36


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## OCTOBER 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 41 1 | 8♎23'44 | 8♌ 6 | 5♎ 5 | 24♍26 | 21♍31 | 12°R 5 | 1°R 3 | 20♑ 7 | 14♌45 | 11♋15 | 1°R 7 | 2♊ 7 | 17♌35 | 16°R26 | M 1 |
| T 2 | 0 44 58 | 9°22'32 | 19°58 | 6°55 | 25°40 | 22° 9 | 12♒ 3 | 1♊ 1 | 20° 7 | 14°47 | 11°15 | 1♊ 1 | 2° 3 | 17°42 | 16♈23 | T 2 |
| W 3 | 0 48 55 | 10°21'22 | 1♍53 | 8°44 | 26°55 | 22°47 | 12° 2 | 0°59 | 20° 8 | 14°48 | 11°15 | 0°53 | 2° 0 | 17°49 | 16°21 | W 3 |
| T 4 | 0 52 51 | 11°20'14 | 13°55 | 10°32 | 28° 9 | 23°25 | 12° 2 | 0°57 | 20° 8 | 14°50 | 11°15 | 0°44 | 1°57 | 17°55 | 16°18 | T 4 |
| F 5 | 0 56 48 | 12°19'08 | 26° 6 | 12°20 | 29°24 | 24° 3 | 12° 1 | 0°55 | 20° 8 | 14°51 | 11°15 | 0°34 | 1°54 | 18° 2 | 16°15 | F 5 |
| S 6 | 1 0 44 | 13°18'03 | 8♎28 | 14° 6 | 0♎39 | 24°41 | 12° 0 | 0°52 | 20° 9 | 14°52 | 11°15 | 0°25 | 1°51 | 18° 9 | 16°12 | S 6 |
| S 7 | 1 4 41 | 14°17'01 | 21° 0 | 15°52 | 1°53 | 25°19 | 12° 0 | 0°50 | 20° 9 | 14°54 | 11°15 | 0°18 | 1°48 | 18°16 | 16° 9 | S 7 |
| M 8 | 1 8 37 | 15°16'01 | 3♏43 | 17°37 | 3° 8 | 25°57 | 12°D 0 | 0°47 | 20° 9 | 14°55 | 11°16 | 0°13 | 1°44 | 18°22 | 16° 6 | M 8 |
| T 9 | 1 12 34 | 16°15'03 | 16°38 | 19°21 | 4°23 | 26°35 | 12° 0 | 0°44 | 20°10 | 14°56 | 11°16 | 0°10 | 1°41 | 18°29 | 16° 4 | T 9 |
| W10 | 1 16 30 | 17°14'07 | 29°44 | 21° 4 | 5°37 | 27°14 | 12° 1 | 0°42 | 20°10 | 14°58 | 11°16 | 0°D 9 | 1°38 | 18°36 | 16° 1 | W10 |
| T 11 | 1 20 27 | 18°13'13 | 13♐ 2 | 22°47 | 6°52 | 27°52 | 12° 1 | 0°39 | 20°11 | 14°59 | 11°R16 | 0°10 | 1°35 | 18°42 | 15°58 | T 11 |
| F 12 | 1 24 23 | 19°12'20 | 26°34 | 24°28 | 8° 7 | 28°30 | 12° 2 | 0°36 | 20°12 | 15° 0 | 11°16 | 0°11 | 1°32 | 18°49 | 15°55 | F 12 |
| S 13 | 1 28 20 | 20°11'30 | 10♑19 | 26° 9 | 9°22 | 29° 8 | 12° 3 | 0°33 | 20°12 | 15° 1 | 11°16 | 0°12 | 1°28 | 18°56 | 15°52 | S 13 |
| S 14 | 1 32 17 | 21°10'41 | 24°18 | 27°49 | 10°37 | 29°46 | 12° 4 | 0°30 | 20°13 | 15° 2 | 11°16 | 0°R13 | 1°25 | 19° 3 | 15°49 | S 14 |
| M15 | 1 36 13 | 22° 9'53 | 8♒31 | 29°28 | 11°51 | 0♎24 | 12° 6 | 0°27 | 20°14 | 15° 3 | 11°16 | 0°12 | 1°22 | 19° 9 | 15°47 | M15 |
| T 16 | 1 40 10 | 23° 9'08 | 22°55 | 1♏ 6 | 13° 6 | 1° 2 | 12° 7 | 0°23 | 20°15 | 15° 4 | 11°15 | 0° 9 | 1°19 | 19°16 | 15°44 | T 16 |
| W17 | 1 44 6 | 24° 8'24 | 7♓27 | 2°44 | 14°21 | 1°40 | 12° 9 | 0°20 | 20°16 | 15° 5 | 11°15 | 0° 4 | 1°16 | 19°23 | 15°41 | W17 |
| T 18 | 1 48 3 | 25° 7'41 | 22° 2 | 4°21 | 15°36 | 2°18 | 12°11 | 0°16 | 20°17 | 15° 6 | 11°15 | 29♉59 | 1°13 | 19°29 | 15°38 | T 18 |
| F 19 | 1 51 59 | 26° 7'01 | 6♈33 | 5°57 | 16°51 | 2°56 | 12°13 | 0°13 | 20°18 | 15° 7 | 11°15 | 29°54 | 1° 9 | 19°36 | 15°35 | F 19 |
| S 20 | 1 55 56 | 27° 6'22 | 20°55 | 7°32 | 18° 6 | 3°34 | 12°15 | 0° 9 | 20°19 | 15° 8 | 11°15 | 29°49 | 1° 6 | 19°43 | 15°33 | S 20 |
| S 21 | 1 59 52 | 28° 5'46 | 5♉ 1 | 9° 7 | 19°21 | 4°13 | 12°18 | 0° 6 | 20°20 | 15° 9 | 11°15 | 29°46 | 1° 3 | 19°50 | 15°30 | S 21 |
| M22 | 2 3 49 | 29° 5'11 | 18°46 | 10°41 | 20°36 | 4°51 | 12°20 | 0° 2 | 20°21 | 15°10 | 11°14 | 29°44 | 1° 0 | 19°56 | 15°27 | M22 |
| T 23 | 2 7 46 | 0♏ 4'39 | 2♊10 | 12°15 | 21°51 | 5°29 | 12°23 | 29♉58 | 20°22 | 15°11 | 11°14 | 29°D44 | 0°57 | 20° 3 | 15°25 | T 23 |
| W24 | 2 11 42 | 1° 4'09 | 15°10 | 13°47 | 23° 6 | 6° 7 | 12°26 | 29°54 | 20°23 | 15°12 | 11°14 | 29°44 | 0°53 | 20°10 | 15°22 | W24 |
| T 25 | 2 15 39 | 2° 3'41 | 27°50 | 15°20 | 24°21 | 6°45 | 12°30 | 29°50 | 20°25 | 15°13 | 11°13 | 29°46 | 0°50 | 20°17 | 15°19 | T 25 |
| F 26 | 2 19 35 | 3° 3'16 | 10♋11 | 16°51 | 25°36 | 7°23 | 12°33 | 29°46 | 20°26 | 15°13 | 11°13 | 29°48 | 0°47 | 20°23 | 15°16 | F 26 |
| S 27 | 2 23 32 | 4° 2'52 | 22°18 | 18°22 | 26°51 | 8° 1 | 12°37 | 29°42 | 20°27 | 15°14 | 11°13 | 29°49 | 0°44 | 20°30 | 15°14 | S 27 |
| S 28 | 2 27 28 | 5° 2'31 | 4♌16 | 19°52 | 28° 6 | 8°39 | 12°41 | 29°38 | 20°29 | 15°15 | 11°12 | 29°R50 | 0°41 | 20°37 | 15°11 | S 28 |
| M29 | 2 31 25 | 6° 2'12 | 16° 9 | 21°22 | 29°21 | 9°17 | 12°45 | 29°34 | 20°30 | 15°16 | 11°12 | 29°49 | 0°38 | 20°43 | 15° 9 | M29 |
| T 30 | 2 35 21 | 7° 1'55 | 28° 1 | 22°51 | 0♏36 | 9°55 | 12°49 | 29°29 | 20°32 | 15°16 | 11°12 | 29°48 | 0°34 | 20°50 | 15° 6 | T 30 |
| W31 | 2 39 18 | 8♏ 1'41 | 9♍59 | 24♏20 | 1♏51 | 10♎34 | 12♒53 | 29♉25 | 20♑34 | 15♌17 | 11♋11 | 29♉45 | 0♊31 | 20♌57 | 15♈ 3 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s19 | 22n44 | 4n42 | 0s33 | 1n36 | 3n31 | 1n26 | 4n23 | 1n 7 | 17s59 | 0s53 | 18n 2 | 2s20 | 22s21 | 0s28 | 16n17 | 0s 6 | 18n 6 | 4s50 | 20n20 | 20n32 | 20n16 | 8n13 | 1n55 |
| T 2 | 3 42 | 19 33 | 5 1 | 1 19 | 1 32 | 3 2 | 1 26 | 4 8 | 1 7 | 17 59 | 0 53 | 18 2 | 2 20 | 22 21 | 0 28 | 16 17 | 0 6 | 18 6 | 4 50 | 20 19 | 20 32 | 20 14 | 8 12 | 1 55 |
| W 3 | 4 6 | 15 32 | 5 6 | 2 6 | 1 28 | 2 33 | 1 27 | 3 53 | 1 7 | 17 59 | 0 52 | 18 1 | 2 20 | 22 21 | 0 28 | 16 16 | 0 6 | 18 6 | 4 50 | 20 17 | 20 31 | 20 12 | 8 11 | 1 55 |
| T 4 | 4 29 | 10 54 | 4 58 | 2 53 | 1 23 | 2 4 | 1 27 | 3 38 | 1 7 | 17 59 | 0 52 | 18 1 | 2 21 | 22 21 | 0 28 | 16 16 | 0 6 | 18 6 | 4 50 | 20 15 | 20 30 | 20 10 | 8 10 | 1 55 |
| F 5 | 4 51 | 5 47 | 4 37 | 3 40 | 1 18 | 1 34 | 1 27 | 3 23 | 1 7 | 17 59 | 0 52 | 18 0 | 2 21 | 22 21 | 0 28 | 16 15 | 0 6 | 18 6 | 4 50 | 20 14 | 20 30 | 20 9 | 8 9 | 1 55 |
| S 6 | 5 14 | 0 22 | 4 2 | 4 26 | 1 13 | 1 5 | 1 27 | 3 8 | 1 7 | 18 0 | 0 52 | 17 59 | 2 21 | 22 21 | 0 28 | 16 15 | 0 6 | 18 6 | 4 50 | 20 12 | 20 29 | 20 7 | 8 8 | 1 55 |
| S 7 | 5 37 | 5s 9 | 3 15 | 5 12 | 1 7 | 0 35 | 1 28 | 2 53 | 1 7 | 18 0 | 0 52 | 17 59 | 2 21 | 22 21 | 0 28 | 16 15 | 0 6 | 18 6 | 4 50 | 20 10 | 20 28 | 20 5 | 8 6 | 1 55 |
| M 8 | 6 0 | 10 34 | 2 18 | 5 57 | 1 1 | 0 6 | 1 28 | 2 37 | 1 7 | 17 59 | 0 52 | 17 58 | 2 21 | 22 21 | 0 28 | 16 14 | 0 6 | 18 6 | 4 50 | 20 9 | 20 28 | 20 3 | 8 5 | 1 55 |
| T 9 | 6 23 | 15 37 | 1 13 | 6 42 | 0 55 | 0s24 | 1 28 | 2 22 | 1 6 | 17 59 | 0 52 | 17 57 | 2 21 | 22 20 | 0 28 | 16 14 | 0 6 | 18 5 | 4 50 | 20 8 | 20 27 | 20 1 | 8 4 | 1 55 |
| W10 | 6 45 | 20 1 | 0 2 | 7 27 | 0 49 | 0 53 | 1 28 | 2 7 | 1 6 | 17 59 | 0 52 | 17 57 | 2 21 | 22 20 | 0 28 | 16 14 | 0 5 | 18 5 | 4 50 | 20 8 | 20 27 | 19 59 | 8 3 | 1 55 |
| T 11 | 7 8 | 23 28 | 1s 9 | 8 11 | 0 43 | 1 23 | 1 28 | 1 52 | 1 6 | 17 59 | 0 52 | 17 56 | 2 22 | 22 20 | 0 28 | 16 13 | 0 5 | 18 5 | 4 50 | 20 8 | 20 26 | 19 57 | 8 2 | 1 54 |
| F 12 | 7 30 | 25 39 | 2 18 | 8 54 | 0 36 | 1 52 | 1 28 | 1 36 | 1 6 | 17 59 | 0 52 | 17 55 | 2 22 | 22 20 | 0 28 | 16 13 | 0 5 | 18 5 | 4 50 | 20 9 | 20 25 | 19 55 | 8 1 | 1 54 |
| S 13 | 7 52 | 26 19 | 3 21 | 9 37 | 0 30 | 2 22 | 1 27 | 1 21 | 1 6 | 17 58 | 0 52 | 17 54 | 2 22 | 22 20 | 0 28 | 16 12 | 0 5 | 18 5 | 4 50 | 20 9 | 20 25 | 19 53 | 7 59 | 1 54 |
| S 14 | 8 15 | 25 20 | 4 12 | 10 19 | 0 23 | 2 51 | 1 27 | 1 6 | 1 6 | 17 58 | 0 52 | 17 54 | 2 22 | 22 20 | 0 28 | 16 12 | 0 5 | 18 5 | 4 50 | 20 9 | 20 24 | 19 51 | 7 58 | 1 54 |
| M15 | 8 37 | 22 44 | 4 49 | 11 0 | 0 16 | 3 21 | 1 27 | 0 51 | 1 6 | 17 58 | 0 52 | 17 53 | 2 22 | 22 20 | 0 28 | 16 12 | 0 5 | 18 5 | 4 51 | 20 9 | 20 23 | 19 49 | 7 57 | 1 54 |
| T 16 | 8 59 | 18 42 | 5 8 | 11 41 | 0 9 | 3 50 | 1 26 | 0 36 | 1 6 | 17 57 | 0 52 | 17 52 | 2 22 | 22 20 | 0 28 | 16 12 | 0 5 | 18 5 | 4 51 | 20 8 | 20 23 | 19 47 | 7 56 | 1 54 |
| W17 | 9 21 | 13 31 | 5 8 | 12 21 | 0 3 | 4 20 | 1 26 | 0 20 | 1 5 | 17 57 | 0 52 | 17 51 | 2 22 | 22 19 | 0 28 | 16 11 | 0 5 | 18 5 | 4 51 | 20 7 | 20 22 | 19 45 | 7 55 | 1 54 |
| T 18 | 9 42 | 7 34 | 4 48 | 13 1 | 0s 4 | 4 49 | 1 25 | 0 5 | 1 5 | 17 56 | 0 52 | 17 51 | 2 22 | 22 19 | 0 28 | 16 11 | 0 5 | 18 5 | 4 51 | 20 6 | 20 21 | 19 43 | 7 54 | 1 54 |
| F 19 | 10 4 | 1 14 | 4 10 | 13 39 | 0 11 | 5 18 | 1 25 | 0s10 | 1 5 | 17 55 | 0 52 | 17 50 | 2 23 | 22 19 | 0 28 | 16 11 | 0 5 | 18 5 | 4 51 | 20 5 | 20 21 | 19 41 | 7 52 | 1 54 |
| S 20 | 10 25 | 5n 7 | 3 16 | 14 17 | 0 18 | 5 47 | 1 24 | 0 25 | 1 5 | 17 55 | 0 51 | 17 49 | 2 23 | 22 19 | 0 28 | 16 10 | 0 5 | 18 5 | 4 51 | 20 4 | 20 20 | 19 39 | 7 51 | 1 54 |
| S 21 | 10 46 | 11 6 | 2 11 | 14 54 | 0 25 | 6 16 | 1 23 | 0 41 | 1 5 | 17 54 | 0 51 | 17 48 | 2 23 | 22 19 | 0 28 | 16 10 | 0 5 | 18 5 | 4 51 | 20 3 | 20 19 | 19 37 | 7 50 | 1 53 |
| M22 | 11 8 | 16 25 | 1 0 | 15 30 | 0 32 | 6 45 | 1 22 | 0 56 | 1 5 | 17 53 | 0 51 | 17 47 | 2 23 | 22 19 | 0 28 | 16 10 | 0 5 | 18 5 | 4 51 | 20 3 | 20 19 | 19 35 | 7 49 | 1 53 |
| T 23 | 11 28 | 20 46 | 0n13 | 16 6 | 0 39 | 7 14 | 1 22 | 1 11 | 1 5 | 17 52 | 0 51 | 17 46 | 2 23 | 22 18 | 0 28 | 16 10 | 0 5 | 18 5 | 4 51 | 20 3 | 20 18 | 19 33 | 7 48 | 1 53 |
| W24 | 11 49 | 23 57 | 1 24 | 16 40 | 0 46 | 7 42 | 1 21 | 1 26 | 1 4 | 17 51 | 0 51 | 17 45 | 2 23 | 22 18 | 0 28 | 16 9 | 0 5 | 18 5 | 4 51 | 20 3 | 20 18 | 19 31 | 7 47 | 1 53 |
| T 25 | 12 10 | 25 50 | 2 28 | 17 14 | 0 53 | 8 11 | 1 20 | 1 41 | 1 4 | 17 50 | 0 51 | 17 44 | 2 23 | 22 18 | 0 28 | 16 9 | 0 5 | 18 5 | 4 51 | 20 3 | 20 17 | 19 29 | 7 45 | 1 53 |
| F 26 | 12 30 | 26 23 | 3 24 | 17 47 | 0 59 | 8 39 | 1 19 | 1 57 | 1 4 | 17 49 | 0 51 | 17 44 | 2 23 | 22 18 | 0 28 | 16 9 | 0 5 | 18 5 | 4 51 | 20 4 | 20 16 | 19 27 | 7 44 | 1 53 |
| S 27 | 12 50 | 25 39 | 4 10 | 18 19 | 1 6 | 9 7 | 1 18 | 2 12 | 1 4 | 17 48 | 0 51 | 17 43 | 2 23 | 22 18 | 0 28 | 16 9 | 0 5 | 18 5 | 4 51 | 20 4 | 20 16 | 19 25 | 7 43 | 1 53 |
| S 28 | 13 10 | 23 44 | 4 44 | 18 50 | 1 12 | 9 35 | 1 16 | 2 27 | 1 4 | 17 47 | 0 51 | 17 42 | 2 23 | 22 17 | 0 28 | 16 9 | 0 5 | 18 5 | 4 51 | 20 4 | 20 15 | 19 23 | 7 42 | 1 53 |
| M29 | 13 30 | 20 49 | 5 5 | 19 20 | 1 19 | 10 3 | 1 15 | 2 42 | 1 4 | 17 46 | 0 51 | 17 41 | 2 23 | 22 17 | 0 28 | 16 8 | 0 5 | 18 5 | 4 51 | 20 4 | 20 14 | 19 21 | 7 41 | 1 53 |
| T 30 | 13 50 | 17 3 | 5 14 | 19 49 | 1 25 | 10 30 | 1 14 | 2 57 | 1 3 | 17 44 | 0 51 | 17 40 | 2 23 | 22 17 | 0 28 | 16 8 | 0 5 | 18 5 | 4 51 | 20 4 | 20 14 | 19 19 | 7 40 | 1 52 |
| W31 | 14s 9 | 12n35 | 5n 9 | 20s17 | 1s31 | 10s57 | 1n13 | 3s12 | 1n 3 | 17s43 | 0s51 | 17n39 | 2s23 | 22s17 | 0s28 | 16n 8 | 0s 5 | 18n 5 | 4s51 | 20n 3 | 20n13 | 19n17 | 7n39 | 1n52 |

Julian Day Number = 2602298.5, Delta T = 09m15s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'39, Lahiri = 29°37'40


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## NOVEMBER 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 43 15 | 9♏ 1'28 | 22♍ 5 | 25♏48 | 3♏ 6 | 11♎12 | 12♒58 | 29°R21 | 20♑35 | 15♌17 | 11°R11 | 29°R42 | 0♊28 | 21♌ 4 | 15°R 1 | T 1 |
| F 2 | 2 47 11 | 10° 1'18 | 4♎22 | 27°15 | 4°22 | 11°50 | 13° 3 | 29♉16 | 20°37 | 15°18 | 11♋10 | 29♉39 | 0°25 | 21°10 | 14♈58 | F 2 |
| S 3 | 2 51 8 | 11° 1'10 | 16°53 | 28°41 | 5°37 | 12°28 | 13° 8 | 29°12 | 20°39 | 15°18 | 11°10 | 29°36 | 0°22 | 21°17 | 14°56 | S 3 |
| S 4 | 2 55 4 | 12° 1'04 | 29°40 | 0♐ 7 | 6°52 | 13° 6 | 13°13 | 29° 7 | 20°40 | 15°19 | 11° 9 | 29°33 | 0°19 | 21°24 | 14°53 | S 4 |
| M 5 | 2 59 1 | 13° 0'59 | 12♏43 | 1°32 | 8° 7 | 13°44 | 13°18 | 29° 3 | 20°42 | 15°19 | 11° 9 | 29°32 | 0°15 | 21°30 | 14°51 | M 5 |
| T 6 | 3 2 57 | 14° 0'57 | 26° 0 | 2°57 | 9°22 | 14°22 | 13°23 | 28°58 | 20°44 | 15°20 | 11° 8 | 29°D31 | 0°12 | 21°37 | 14°49 | T 6 |
| W 7 | 3 6 54 | 15° 0'57 | 9♐31 | 4°21 | 10°38 | 15° 0 | 13°29 | 28°53 | 20°46 | 15°20 | 11° 8 | 29°31 | 0° 9 | 21°44 | 14°46 | W 7 |
| T 8 | 3 10 50 | 16° 0'58 | 23°15 | 5°43 | 11°53 | 15°39 | 13°35 | 28°49 | 20°48 | 15°20 | 11° 7 | 29°32 | 0° 6 | 21°51 | 14°44 | T 8 |
| F 9 | 3 14 47 | 17° 1'02 | 7♑ 8 | 7° 5 | 13° 8 | 16°17 | 13°41 | 28°44 | 20°50 | 15°21 | 11° 6 | 29°33 | 0° 3 | 21°57 | 14°42 | F 9 |
| S 10 | 3 18 44 | 18° 1'06 | 21°10 | 8°26 | 14°23 | 16°55 | 13°47 | 28°39 | 20°52 | 15°21 | 11° 6 | 29°34 | 29♉59 | 22° 4 | 14°39 | S 10 |
| S 11 | 3 22 40 | 19° 1'13 | 5♒17 | 9°46 | 15°39 | 17°33 | 13°53 | 28°35 | 20°54 | 15°21 | 11° 5 | 29°35 | 29°56 | 22°11 | 14°37 | S 11 |
| M12 | 3 26 37 | 20° 1'20 | 19°28 | 11° 5 | 16°54 | 18°11 | 14° 0 | 28°30 | 20°56 | 15°21 | 11° 4 | 29°R35 | 29°53 | 22°18 | 14°35 | M12 |
| T 13 | 3 30 33 | 21° 1'30 | 3♓41 | 12°23 | 18° 9 | 18°49 | 14° 6 | 28°25 | 20°58 | 15°22 | 11° 4 | 29°35 | 29°50 | 22°24 | 14°33 | T 13 |
| W14 | 3 34 30 | 22° 1'40 | 17°52 | 13°39 | 19°24 | 19°27 | 14°13 | 28°20 | 21° 0 | 15°22 | 11° 3 | 29°34 | 29°47 | 22°31 | 14°31 | W14 |
| T 15 | 3 38 26 | 23° 1'52 | 2♈ 1 | 14°53 | 20°40 | 20° 5 | 14°20 | 28°15 | 21° 3 | 15°22 | 11° 2 | 29°33 | 29°44 | 22°38 | 14°29 | T 15 |
| F 16 | 3 42 23 | 24° 2'06 | 16° 3 | 16° 6 | 21°55 | 20°43 | 14°27 | 28°10 | 21° 5 | 15°22 | 11° 1 | 29°33 | 29°40 | 22°44 | 14°27 | F 16 |
| S 17 | 3 46 19 | 25° 2'21 | 29°55 | 17°17 | 23°10 | 21°22 | 14°34 | 28° 6 | 21° 7 | 15°R22 | 11° 1 | 29°32 | 29°37 | 22°51 | 14°25 | S 17 |
| S 18 | 3 50 16 | 26° 2'37 | 13♉36 | 18°26 | 24°26 | 22° 0 | 14°42 | 28° 1 | 21°10 | 15°22 | 11° 0 | 29°32 | 29°34 | 22°58 | 14°23 | S 18 |
| M19 | 3 54 13 | 27° 2'56 | 27° 1 | 19°32 | 25°41 | 22°38 | 14°49 | 27°56 | 21°12 | 15°22 | 10°59 | 29°D32 | 29°31 | 23° 5 | 14°21 | M19 |
| T 20 | 3 58 9 | 28° 3'16 | 10♊10 | 20°35 | 26°56 | 23°16 | 14°57 | 27°51 | 21°15 | 15°22 | 10°58 | 29°32 | 29°28 | 23°11 | 14°19 | T 20 |
| W21 | 4 2 6 | 29° 3'38 | 23° 2 | 21°36 | 28°12 | 23°54 | 15° 5 | 27°46 | 21°17 | 15°22 | 10°57 | 29°R32 | 29°25 | 23°18 | 14°17 | W21 |
| T 22 | 4 6 2 | 0♐ 4'01 | 5♋38 | 22°33 | 29°27 | 24°32 | 15°13 | 27°41 | 21°20 | 15°21 | 10°56 | 29°32 | 29°21 | 23°25 | 14°15 | T 22 |
| F 23 | 4 9 59 | 1° 4'27 | 17°58 | 23°26 | 0♐42 | 25°10 | 15°21 | 27°36 | 21°22 | 15°21 | 10°56 | 29°32 | 29°18 | 23°31 | 14°14 | F 23 |
| S 24 | 4 13 55 | 2° 4'54 | 0♌ 6 | 24°14 | 1°58 | 25°49 | 15°29 | 27°32 | 21°25 | 15°21 | 10°55 | 29°31 | 29°15 | 23°38 | 14°12 | S 24 |
| S 25 | 4 17 52 | 3° 5'23 | 12° 4 | 24°58 | 3°13 | 26°27 | 15°38 | 27°27 | 21°27 | 15°21 | 10°54 | 29°31 | 29°12 | 23°45 | 14°10 | S 25 |
| M26 | 4 21 49 | 4° 5'53 | 23°58 | 25°36 | 4°28 | 27° 5 | 15°46 | 27°22 | 21°30 | 15°20 | 10°53 | 29°31 | 29° 9 | 23°52 | 14° 9 | M26 |
| T 27 | 4 25 45 | 5° 6'25 | 5♍50 | 26° 8 | 5°44 | 27°43 | 15°55 | 27°17 | 21°33 | 15°20 | 10°52 | 29°D31 | 29° 5 | 23°58 | 14° 7 | T 27 |
| W28 | 4 29 42 | 6° 6'59 | 17°47 | 26°32 | 6°59 | 28°21 | 16° 4 | 27°12 | 21°35 | 15°20 | 10°51 | 29°31 | 29° 2 | 24° 5 | 14° 6 | W28 |
| T 29 | 4 33 38 | 7° 7'35 | 29°53 | 26°49 | 8°14 | 28°59 | 16°13 | 27° 7 | 21°38 | 15°19 | 10°50 | 29°31 | 28°59 | 24°12 | 14° 4 | T 29 |
| F 30 | 4 37 35 | 8♐ 8'13 | 12♎11 | 26°R57 | 9♐30 | 29♎38 | 16♒22 | 27♉ 3 | 21♑41 | 15♌19 | 10♋49 | 29♉32 | 28♉56 | 24♌19 | 14♈ 3 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s28 | 7n35 | 4n51 | 20s44 | 1s37 | 11s24 | 1n11 | 3s27 | 1n 3 | 17s42 | 0s51 | 17n38 | 2s24 | 22s16 | 0s28 | 16n 8 | 0s 5 | 18n 5 | 4s51 | 20n 3 | 20n12 | 19n15 | 7n38 | 1n52 |
| F 2 | 14 47 | 2 14 | 4 19 | 21 11 | 1 43 | 11 51 | 1 10 | 3 42 | 1 3 | 17 40 | 0 51 | 17 37 | 2 24 | 22 16 | 0 28 | 16 8 | 0 5 | 18 5 | 4 51 | 20 2 | 20 12 | 19 13 | 7 37 | 1 52 |
| S 3 | 15 6 | 3s20 | 3 34 | 21 36 | 1 49 | 12 17 | 1 8 | 3 57 | 1 3 | 17 39 | 0 50 | 17 36 | 2 24 | 22 16 | 0 28 | 16 8 | 0 5 | 18 5 | 4 52 | 20 1 | 20 11 | 19 11 | 7 36 | 1 52 |
| S 4 | 15 24 | 8 53 | 2 37 | 22 0 | 1 54 | 12 43 | 1 7 | 4 12 | 1 2 | 17 37 | 0 50 | 17 35 | 2 24 | 22 15 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 10 | 19 9 | 7 34 | 1 52 |
| M 5 | 15 43 | 14 10 | 1 31 | 22 23 | 2 0 | 13 9 | 1 5 | 4 27 | 1 2 | 17 36 | 0 50 | 17 34 | 2 24 | 22 15 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 10 | 19 7 | 7 33 | 1 52 |
| T 6 | 16 1 | 18 54 | 0 19 | 22 45 | 2 5 | 13 35 | 1 4 | 4 42 | 1 2 | 17 34 | 0 50 | 17 33 | 2 24 | 22 15 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 9 | 19 5 | 7 32 | 1 52 |
| W 7 | 16 18 | 22 44 | 0s55 | 23 5 | 2 10 | 14 0 | 1 2 | 4 57 | 1 2 | 17 32 | 0 50 | 17 32 | 2 24 | 22 15 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 8 | 19 3 | 7 31 | 1 51 |
| T 8 | 16 36 | 25 20 | 2 7 | 23 25 | 2 14 | 14 25 | 1 0 | 5 12 | 1 2 | 17 31 | 0 50 | 17 31 | 2 24 | 22 14 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 8 | 19 1 | 7 30 | 1 51 |
| F 9 | 16 53 | 26 25 | 3 13 | 23 43 | 2 19 | 14 49 | 0 58 | 5 27 | 1 1 | 17 29 | 0 50 | 17 30 | 2 24 | 22 14 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 7 | 18 59 | 7 29 | 1 51 |
| S 10 | 17 10 | 25 49 | 4 8 | 24 1 | 2 23 | 15 13 | 0 57 | 5 41 | 1 1 | 17 27 | 0 50 | 17 29 | 2 24 | 22 14 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 6 | 18 56 | 7 28 | 1 51 |
| S 11 | 17 26 | 23 34 | 4 49 | 24 17 | 2 26 | 15 37 | 0 55 | 5 56 | 1 1 | 17 25 | 0 50 | 17 28 | 2 24 | 22 13 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 6 | 18 54 | 7 27 | 1 51 |
| M12 | 17 43 | 19 53 | 5 12 | 24 31 | 2 30 | 16 0 | 0 53 | 6 11 | 1 1 | 17 23 | 0 50 | 17 27 | 2 24 | 22 13 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 5 | 18 52 | 7 26 | 1 51 |
| T 13 | 17 58 | 15 2 | 5 16 | 24 45 | 2 33 | 16 23 | 0 51 | 6 25 | 1 0 | 17 21 | 0 50 | 17 26 | 2 24 | 22 13 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 4 | 18 50 | 7 25 | 1 51 |
| W14 | 18 14 | 9 24 | 5 1 | 24 57 | 2 35 | 16 45 | 0 49 | 6 40 | 1 0 | 17 19 | 0 50 | 17 25 | 2 24 | 22 12 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 4 | 18 48 | 7 24 | 1 50 |
| T 15 | 18 29 | 3 17 | 4 27 | 25 8 | 2 37 | 17 7 | 0 47 | 6 55 | 1 0 | 17 17 | 0 50 | 17 24 | 2 24 | 22 12 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 3 | 18 46 | 7 23 | 1 50 |
| F 16 | 18 44 | 2n56 | 3 38 | 25 18 | 2 39 | 17 29 | 0 45 | 7 9 | 1 0 | 17 15 | 0 50 | 17 23 | 2 24 | 22 12 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 1 | 20 2 | 18 44 | 7 23 | 1 50 |
| S 17 | 18 59 | 8 58 | 2 37 | 25 26 | 2 40 | 17 50 | 0 43 | 7 24 | 1 0 | 17 13 | 0 50 | 17 22 | 2 24 | 22 11 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 2 | 18 42 | 7 22 | 1 50 |
| S 18 | 19 13 | 14 30 | 1 27 | 25 33 | 2 41 | 18 11 | 0 41 | 7 38 | 0 59 | 17 11 | 0 49 | 17 21 | 2 24 | 22 11 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 1 | 18 39 | 7 21 | 1 50 |
| M19 | 19 27 | 19 13 | 0 14 | 25 39 | 2 41 | 18 31 | 0 39 | 7 52 | 0 59 | 17 8 | 0 49 | 17 19 | 2 23 | 22 10 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 20 0 | 18 37 | 7 20 | 1 50 |
| T 20 | 19 41 | 22 54 | 0n59 | 25 43 | 2 40 | 18 50 | 0 36 | 8 7 | 0 59 | 17 6 | 0 49 | 17 18 | 2 23 | 22 10 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 59 | 18 35 | 7 19 | 1 50 |
| W21 | 19 54 | 25 19 | 2 7 | 25 46 | 2 39 | 19 9 | 0 34 | 8 21 | 0 59 | 17 4 | 0 49 | 17 17 | 2 23 | 22 10 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 59 | 18 33 | 7 18 | 1 49 |
| T 22 | 20 7 | 26 23 | 3 7 | 25 47 | 2 36 | 19 28 | 0 32 | 8 35 | 0 58 | 17 1 | 0 49 | 17 16 | 2 23 | 22 9 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 58 | 18 31 | 7 17 | 1 49 |
| F 23 | 20 20 | 26 6 | 3 57 | 25 47 | 2 33 | 19 46 | 0 30 | 8 49 | 0 58 | 16 59 | 0 49 | 17 15 | 2 23 | 22 9 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 57 | 18 29 | 7 17 | 1 49 |
| S 24 | 20 32 | 24 35 | 4 36 | 25 45 | 2 30 | 20 3 | 0 28 | 9 3 | 0 58 | 16 56 | 0 49 | 17 14 | 2 23 | 22 8 | 0 28 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 57 | 18 26 | 7 16 | 1 49 |
| S 25 | 20 44 | 21 58 | 5 2 | 25 42 | 2 25 | 20 20 | 0 25 | 9 17 | 0 58 | 16 54 | 0 49 | 17 13 | 2 23 | 22 8 | 0 27 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 56 | 18 24 | 7 15 | 1 49 |
| M26 | 20 55 | 18 28 | 5 15 | 25 37 | 2 19 | 20 37 | 0 23 | 9 31 | 0 57 | 16 51 | 0 49 | 17 12 | 2 23 | 22 8 | 0 27 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 55 | 18 22 | 7 14 | 1 49 |
| T 27 | 21 6 | 14 14 | 5 15 | 25 31 | 2 12 | 20 52 | 0 21 | 9 45 | 0 57 | 16 49 | 0 49 | 17 11 | 2 23 | 22 7 | 0 27 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 55 | 18 20 | 7 13 | 1 48 |
| W28 | 21 17 | 9 26 | 5 1 | 25 24 | 2 3 | 21 8 | 0 18 | 9 59 | 0 57 | 16 46 | 0 49 | 17 10 | 2 23 | 22 7 | 0 27 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 54 | 18 18 | 7 13 | 1 48 |
| T 29 | 21 27 | 4 14 | 4 34 | 25 14 | 1 53 | 21 22 | 0 16 | 10 13 | 0 56 | 16 43 | 0 49 | 17 9 | 2 23 | 22 6 | 0 27 | 16 7 | 0 5 | 18 5 | 4 52 | 20 0 | 19 53 | 18 16 | 7 12 | 1 48 |
| F 30 | 21s37 | 1s13 | 3n53 | 25s 3 | 1s42 | 21s36 | 0n14 | 10s26 | 0n56 | 16s40 | 0s49 | 17n 9 | 2s23 | 22s 6 | 0s27 | 16n 8 | 0s 5 | 18n 5 | 4s52 | 20n 0 | 19n53 | 18n13 | 7n11 | 1n48 |

Julian Day Number = 2602329.5, Delta T = 09m15s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'43, Lahiri = 29°37'45


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# ASTRODIENST EPHEMERIS for the year 2412
# geocentric

## DECEMBER 2412 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 41 31 | 9♐ 8'52 | 24♎46 | 26°R56 | 10♐45 | 0♏16 | 16♒31 | 26°R58 | 21♑44 | 15°R19 | 10°R48 | 29♉33 | 28♉53 | 24♌25 | 14°R 2 | S 1 |
| S 2 | 4 45 28 | 10° 9'32 | 7♏41 | 26♐45 | 12° 1 | 0°54 | 16°40 | 26♉53 | 21°47 | 15♌18 | 10♋47 | 29°34 | 28°50 | 24°32 | 14♈ 0 | S 2 |
| M 3 | 4 49 24 | 11°10'14 | 20°58 | 26°23 | 13°16 | 1°32 | 16°50 | 26°49 | 21°50 | 15°18 | 10°46 | 29°35 | 28°46 | 24°39 | 13°59 | M 3 |
| T 4 | 4 53 21 | 12°10'58 | 4♐35 | 25°50 | 14°31 | 2°10 | 17° 0 | 26°44 | 21°53 | 15°17 | 10°45 | 29°R35 | 28°43 | 24°45 | 13°58 | T 4 |
| W 5 | 4 57 18 | 13°11'43 | 18°32 | 25° 7 | 15°47 | 2°48 | 17° 9 | 26°39 | 21°56 | 15°16 | 10°44 | 29°34 | 28°40 | 24°52 | 13°57 | W 5 |
| T 6 | 5 1 14 | 14°12'30 | 2♑44 | 24°13 | 17° 2 | 3°27 | 17°19 | 26°35 | 21°59 | 15°16 | 10°43 | 29°33 | 28°37 | 24°59 | 13°56 | T 6 |
| F 7 | 5 5 11 | 15°13'17 | 17° 7 | 23° 9 | 18°18 | 4° 5 | 17°29 | 26°30 | 22° 2 | 15°15 | 10°42 | 29°31 | 28°34 | 25° 6 | 13°55 | F 7 |
| S 8 | 5 9 7 | 16°14'06 | 1♒36 | 21°57 | 19°33 | 4°43 | 17°39 | 26°26 | 22° 5 | 15°15 | 10°41 | 29°29 | 28°31 | 25°12 | 13°54 | S 8 |
| S 9 | 5 13 4 | 17°14'55 | 16° 4 | 20°39 | 20°49 | 5°21 | 17°49 | 26°21 | 22° 8 | 15°14 | 10°40 | 29°27 | 28°27 | 25°19 | 13°53 | S 9 |
| M10 | 5 17 0 | 18°15'45 | 0♓28 | 19°17 | 22° 4 | 5°59 | 18° 0 | 26°17 | 22°11 | 15°13 | 10°39 | 29°25 | 28°24 | 25°26 | 13°52 | M10 |
| T 11 | 5 20 57 | 19°16'36 | 14°42 | 17°55 | 23°19 | 6°37 | 18°10 | 26°13 | 22°14 | 15°12 | 10°37 | 29°D24 | 28°21 | 25°33 | 13°51 | T 11 |
| W12 | 5 24 53 | 20°17'28 | 28°46 | 16°33 | 24°35 | 7°15 | 18°21 | 26° 9 | 22°17 | 15°12 | 10°36 | 29°24 | 28°18 | 25°39 | 13°51 | W12 |
| T 13 | 5 28 50 | 21°18'20 | 12♈37 | 15°17 | 25°50 | 7°54 | 18°32 | 26° 4 | 22°20 | 15°11 | 10°35 | 29°25 | 28°15 | 25°46 | 13°50 | T 13 |
| F 14 | 5 32 47 | 22°19'14 | 26°15 | 14° 7 | 27° 6 | 8°32 | 18°42 | 26° 0 | 22°23 | 15°10 | 10°34 | 29°27 | 28°11 | 25°53 | 13°49 | F 14 |
| S 15 | 5 36 43 | 23°20'07 | 9♉41 | 13° 6 | 28°21 | 9°10 | 18°53 | 25°56 | 22°27 | 15° 9 | 10°33 | 29°28 | 28° 8 | 25°59 | 13°49 | S 15 |
| S 16 | 5 40 40 | 24°21'02 | 22°54 | 12°15 | 29°36 | 9°48 | 19° 4 | 25°52 | 22°30 | 15° 8 | 10°32 | 29°R29 | 28° 5 | 26° 6 | 13°48 | S 16 |
| M17 | 5 44 36 | 25°21'58 | 5♊55 | 11°35 | 0♑52 | 10°26 | 19°15 | 25°48 | 22°33 | 15° 7 | 10°31 | 29°29 | 28° 2 | 26°13 | 13°48 | M17 |
| T 18 | 5 48 33 | 26°22'54 | 18°44 | 11° 6 | 2° 7 | 11° 4 | 19°26 | 25°45 | 22°36 | 15° 6 | 10°29 | 29°28 | 27°59 | 26°20 | 13°47 | T 18 |
| W19 | 5 52 29 | 27°23'51 | 1♋20 | 10°48 | 3°23 | 11°42 | 19°38 | 25°41 | 22°40 | 15° 5 | 10°28 | 29°25 | 27°56 | 26°26 | 13°47 | W19 |
| T 20 | 5 56 26 | 28°24'49 | 13°46 | 10°D41 | 4°38 | 12°21 | 19°49 | 25°37 | 22°43 | 15° 4 | 10°27 | 29°21 | 27°52 | 26°33 | 13°47 | T 20 |
| F 21 | 6 0 22 | 29°25'48 | 26° 0 | 10°45 | 5°54 | 12°59 | 20° 1 | 25°33 | 22°46 | 15° 3 | 10°26 | 29°15 | 27°49 | 26°40 | 13°46 | F 21 |
| S 22 | 6 4 19 | 0♑26'48 | 8♌ 5 | 10°58 | 7° 9 | 13°37 | 20°12 | 25°30 | 22°50 | 15° 2 | 10°25 | 29°10 | 27°46 | 26°47 | 13°46 | S 22 |
| S 23 | 6 8 16 | 1°27'49 | 20° 2 | 11°19 | 8°24 | 14°15 | 20°24 | 25°26 | 22°53 | 15° 1 | 10°24 | 29° 4 | 27°43 | 26°53 | 13°46 | S 23 |
| M24 | 6 12 12 | 2°28'50 | 1♍55 | 11°49 | 9°40 | 14°53 | 20°36 | 25°23 | 22°56 | 15° 0 | 10°22 | 28°59 | 27°40 | 27° 0 | 13°D46 | M24 |
| T 25 | 6 16 9 | 3°29'52 | 13°46 | 12°25 | 10°55 | 15°31 | 20°47 | 25°20 | 23° 0 | 14°59 | 10°21 | 28°55 | 27°37 | 27° 7 | 13°46 | T 25 |
| W26 | 6 20 5 | 4°30'55 | 25°41 | 13° 8 | 12°11 | 16° 9 | 20°59 | 25°16 | 23° 3 | 14°57 | 10°20 | 28°53 | 27°33 | 27°13 | 13°46 | W26 |
| T 27 | 6 24 2 | 5°31'59 | 7♎43 | 13°56 | 13°26 | 16°48 | 21°11 | 25°13 | 23° 7 | 14°56 | 10°19 | 28°D53 | 27°30 | 27°20 | 13°46 | T 27 |
| F 28 | 6 27 58 | 6°33'04 | 19°57 | 14°49 | 14°41 | 17°26 | 21°24 | 25°10 | 23°10 | 14°55 | 10°18 | 28°54 | 27°27 | 27°27 | 13°46 | F 28 |
| S 29 | 6 31 55 | 7°34'10 | 2♏30 | 15°47 | 15°57 | 18° 4 | 21°36 | 25° 7 | 23°14 | 14°54 | 10°16 | 28°55 | 27°24 | 27°34 | 13°47 | S 29 |
| S 30 | 6 35 51 | 8°35'16 | 15°24 | 16°48 | 17°12 | 18°42 | 21°48 | 25° 4 | 23°17 | 14°52 | 10°15 | 28°57 | 27°21 | 27°40 | 13°47 | S 30 |
| M31 | 6 39 48 | 9♑36'23 | 28♏43 | 17♐53 | 18♑28 | 19♏20 | 22♒ 0 | 25♉ 2 | 23♑21 | 14♌51 | 10♋14 | 28°R58 | 27♉17 | 27♌47 | 13♈47 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s46 | 6s46 | 3n 1 | 24s51 | 1s30 | 21s49 | 0n11 | 10s40 | 0n56 | 16s38 | 0s49 | 17n 8 | 2s22 | 22s 5 | 0s27 | 16n 8 | 0s 5 | 18n 6 | 4s52 | 20n 1 | 19n52 | 18n11 | 7n11 | 1n48 |
| S 2 | 21 55 | 12 11 | 1 58 | 24 37 | 1 16 | 22 2 | 0 9 | 10 54 | 0 56 | 16 35 | 0 49 | 17 7 | 2 22 | 22 5 | 0 27 | 16 8 | 0 5 | 18 6 | 4 52 | 20 1 | 19 51 | 18 9 | 7 10 | 1 48 |
| M 3 | 22 4 | 17 12 | 0 48 | 24 21 | 1 0 | 22 14 | 0 6 | 11 7 | 0 55 | 16 32 | 0 49 | 17 6 | 2 22 | 22 4 | 0 27 | 16 8 | 0 5 | 18 6 | 4 52 | 20 1 | 19 51 | 18 7 | 7 9 | 1 47 |
| T 4 | 22 12 | 21 28 | 0s28 | 24 3 | 0 44 | 22 25 | 0 4 | 11 20 | 0 55 | 16 29 | 0 49 | 17 5 | 2 22 | 22 4 | 0 27 | 16 8 | 0 5 | 18 6 | 4 52 | 20 1 | 19 50 | 18 4 | 7 9 | 1 47 |
| W 5 | 22 20 | 24 36 | 1 43 | 23 43 | 0 25 | 22 36 | 0 2 | 11 34 | 0 55 | 16 26 | 0 49 | 17 4 | 2 22 | 22 3 | 0 27 | 16 8 | 0 5 | 18 6 | 4 52 | 20 1 | 19 49 | 18 2 | 7 8 | 1 47 |
| T 6 | 22 27 | 26 15 | 2 53 | 23 22 | 0 6 | 22 46 | 0s 1 | 11 47 | 0 54 | 16 23 | 0 49 | 17 3 | 2 22 | 22 3 | 0 27 | 16 9 | 0 5 | 18 6 | 4 52 | 20 1 | 19 48 | 18 0 | 7 8 | 1 47 |
| F 7 | 22 34 | 26 9 | 3 53 | 22 59 | 0n14 | 22 55 | 0 3 | 12 0 | 0 54 | 16 20 | 0 48 | 17 2 | 2 22 | 22 2 | 0 27 | 16 9 | 0 5 | 18 6 | 4 52 | 20 0 | 19 48 | 17 58 | 7 7 | 1 47 |
| S 8 | 22 41 | 24 17 | 4 39 | 22 34 | 0 34 | 23 4 | 0 6 | 12 13 | 0 54 | 16 17 | 0 48 | 17 1 | 2 21 | 22 2 | 0 27 | 16 9 | 0 5 | 18 6 | 4 52 | 20 0 | 19 47 | 17 56 | 7 6 | 1 47 |
| S 9 | 22 47 | 20 51 | 5 7 | 22 9 | 0 54 | 23 12 | 0 8 | 12 26 | 0 53 | 16 13 | 0 48 | 17 0 | 2 21 | 22 1 | 0 27 | 16 9 | 0 5 | 18 6 | 4 52 | 19 59 | 19 46 | 17 53 | 7 6 | 1 46 |
| M10 | 22 52 | 16 12 | 5 15 | 21 43 | 1 14 | 23 19 | 0 10 | 12 39 | 0 53 | 16 10 | 0 48 | 16 59 | 2 21 | 22 1 | 0 27 | 16 9 | 0 5 | 18 6 | 4 52 | 19 59 | 19 46 | 17 51 | 7 5 | 1 46 |
| T 11 | 22 57 | 10 41 | 5 4 | 21 18 | 1 33 | 23 26 | 0 13 | 12 52 | 0 53 | 16 7 | 0 48 | 16 59 | 2 21 | 22 0 | 0 27 | 16 10 | 0 5 | 18 6 | 4 52 | 19 59 | 19 45 | 17 49 | 7 5 | 1 46 |
| W12 | 23 2 | 4 42 | 4 35 | 20 53 | 1 50 | 23 32 | 0 15 | 13 5 | 0 52 | 16 4 | 0 48 | 16 58 | 2 21 | 22 0 | 0 27 | 16 10 | 0 5 | 18 6 | 4 52 | 19 59 | 19 44 | 17 46 | 7 5 | 1 46 |
| T 13 | 23 6 | 1n26 | 3 50 | 20 30 | 2 5 | 23 37 | 0 17 | 13 17 | 0 52 | 16 0 | 0 48 | 16 57 | 2 21 | 21 59 | 0 27 | 16 10 | 0 5 | 18 7 | 4 52 | 19 59 | 19 44 | 17 44 | 7 4 | 1 46 |
| F 14 | 23 10 | 7 26 | 2 53 | 20 9 | 2 18 | 23 41 | 0 20 | 13 30 | 0 52 | 15 57 | 0 48 | 16 56 | 2 20 | 21 59 | 0 27 | 16 10 | 0 5 | 18 7 | 4 52 | 19 59 | 19 43 | 17 42 | 7 4 | 1 46 |
| S 15 | 23 13 | 12 59 | 1 47 | 19 51 | 2 29 | 23 45 | 0 22 | 13 42 | 0 51 | 15 54 | 0 48 | 16 56 | 2 20 | 21 58 | 0 27 | 16 11 | 0 5 | 18 7 | 4 52 | 20 0 | 19 42 | 17 40 | 7 3 | 1 45 |
| S 16 | 23 16 | 17 52 | 0 36 | 19 36 | 2 38 | 23 48 | 0 25 | 13 55 | 0 51 | 15 50 | 0 48 | 16 55 | 2 20 | 21 58 | 0 27 | 16 11 | 0 5 | 18 7 | 4 52 | 20 0 | 19 41 | 17 37 | 7 3 | 1 45 |
| M17 | 23 18 | 21 49 | 0n35 | 19 25 | 2 44 | 23 50 | 0 27 | 14 7 | 0 51 | 15 47 | 0 48 | 16 54 | 2 20 | 21 57 | 0 27 | 16 11 | 0 5 | 18 7 | 4 52 | 20 0 | 19 41 | 17 35 | 7 3 | 1 45 |
| T 18 | 23 20 | 24 38 | 1 44 | 19 17 | 2 48 | 23 51 | 0 29 | 14 19 | 0 50 | 15 43 | 0 48 | 16 53 | 2 20 | 21 57 | 0 27 | 16 12 | 0 5 | 18 7 | 4 52 | 20 0 | 19 40 | 17 33 | 7 2 | 1 45 |
| W19 | 23 22 | 26 8 | 2 46 | 19 12 | 2 50 | 23 52 | 0 31 | 14 31 | 0 50 | 15 40 | 0 48 | 16 53 | 2 19 | 21 56 | 0 27 | 16 12 | 0 5 | 18 7 | 4 52 | 19 59 | 19 39 | 17 30 | 7 2 | 1 45 |
| T 20 | 23 23 | 26 18 | 3 39 | 19 11 | 2 51 | 23 52 | 0 34 | 14 43 | 0 49 | 15 36 | 0 48 | 16 52 | 2 19 | 21 56 | 0 27 | 16 12 | 0 5 | 18 7 | 4 52 | 19 58 | 19 39 | 17 28 | 7 2 | 1 45 |
| F 21 | 23 23 | 25 10 | 4 21 | 19 13 | 2 50 | 23 51 | 0 36 | 14 55 | 0 49 | 15 32 | 0 48 | 16 51 | 2 19 | 21 55 | 0 27 | 16 12 | 0 5 | 18 7 | 4 52 | 19 57 | 19 38 | 17 26 | 7 2 | 1 44 |
| S 22 | 23 23 | 22 53 | 4 51 | 19 17 | 2 47 | 23 50 | 0 38 | 15 7 | 0 49 | 15 29 | 0 48 | 16 51 | 2 19 | 21 55 | 0 27 | 16 13 | 0 5 | 18 8 | 4 52 | 19 56 | 19 37 | 17 24 | 7 1 | 1 44 |
| S 23 | 23 23 | 19 38 | 5 8 | 19 23 | 2 43 | 23 48 | 0 40 | 15 19 | 0 48 | 15 25 | 0 48 | 16 50 | 2 19 | 21 54 | 0 27 | 16 13 | 0 5 | 18 8 | 4 52 | 19 54 | 19 36 | 17 21 | 7 1 | 1 44 |
| M24 | 23 22 | 15 36 | 5 11 | 19 32 | 2 39 | 23 45 | 0 43 | 15 30 | 0 48 | 15 21 | 0 48 | 16 50 | 2 18 | 21 53 | 0 27 | 16 13 | 0 5 | 18 8 | 4 52 | 19 53 | 19 36 | 17 19 | 7 1 | 1 44 |
| T 25 | 23 20 | 11 0 | 5 1 | 19 42 | 2 33 | 23 41 | 0 45 | 15 42 | 0 48 | 15 17 | 0 48 | 16 49 | 2 18 | 21 53 | 0 27 | 16 14 | 0 5 | 18 8 | 4 52 | 19 53 | 19 35 | 17 17 | 7 1 | 1 44 |
| W26 | 23 19 | 5 58 | 4 38 | 19 53 | 2 27 | 23 36 | 0 47 | 15 53 | 0 47 | 15 13 | 0 48 | 16 48 | 2 18 | 21 52 | 0 27 | 16 14 | 0 5 | 18 8 | 4 52 | 19 52 | 19 34 | 17 14 | 7 1 | 1 43 |
| T 27 | 23 16 | 0 40 | 4 3 | 20 6 | 2 20 | 23 31 | 0 49 | 16 4 | 0 47 | 15 10 | 0 48 | 16 48 | 2 18 | 21 52 | 0 27 | 16 14 | 0 5 | 18 8 | 4 52 | 19 52 | 19 34 | 17 12 | 7 1 | 1 43 |
| F 28 | 23 14 | 4s46 | 3 16 | 20 19 | 2 13 | 23 25 | 0 51 | 16 15 | 0 46 | 15 6 | 0 48 | 16 47 | 2 17 | 21 51 | 0 27 | 16 15 | 0 5 | 18 8 | 4 52 | 19 52 | 19 33 | 17 10 | 7 0 | 1 43 |
| S 29 | 23 10 | 10 8 | 2 19 | 20 33 | 2 6 | 23 19 | 0 53 | 16 26 | 0 46 | 15 2 | 0 48 | 16 47 | 2 17 | 21 51 | 0 27 | 16 15 | 0 5 | 18 8 | 4 52 | 19 52 | 19 32 | 17 7 | 7 0 | 1 43 |
| S 30 | 23 7 | 15 15 | 1 13 | 20 47 | 1 58 | 23 11 | 0 55 | 16 37 | 0 45 | 14 58 | 0 48 | 16 47 | 2 17 | 21 50 | 0 27 | 16 16 | 0 5 | 18 9 | 4 52 | 19 53 | 19 31 | 17 5 | 7 0 | 1 43 |
| M31 | 23s 2 | 19s48 | 0n 1 | 21s 1 | 1n50 | 23s 3 | 0s57 | 16s48 | 0n45 | 14s54 | 0s48 | 16n46 | 2s17 | 21s49 | 0s27 | 16n16 | 0s 5 | 18n 9 | 4s52 | 19n53 | 19n31 | 17n 3 | 7n 0 | 1n43 |

Julian Day Number = 2602359.5, Delta T = 09m16s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'47, Lahiri = 29°37'49


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## JANUARY 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 43 45 | 10♑37'31 | 12♐29 | 19♐ 0 | 19♑43 | 19♏58 | 22♒13 | 24°R59 | 23♑24 | 14°R50 | 10°R13 | 28°R57 | 27♉14 | 27♌54 | 13♈48 | T 1 |
| W 2 | 6 47 41 | 11°38'39 | 26°41 | 20°10 | 20°58 | 20°36 | 22°25 | 24♉56 | 23°28 | 14♌48 | 10♋11 | 28♉54 | 27°11 | 28° 0 | 13°48 | W 2 |
| T 3 | 6 51 38 | 12°39'47 | 11♑15 | 21°23 | 22°14 | 21°15 | 22°38 | 24°54 | 23°31 | 14°47 | 10°10 | 28°49 | 27° 8 | 28° 7 | 13°49 | T 3 |
| F 4 | 6 55 34 | 13°40'56 | 26° 5 | 22°38 | 23°29 | 21°53 | 22°51 | 24°52 | 23°35 | 14°46 | 10° 9 | 28°42 | 27° 5 | 28°14 | 13°49 | F 4 |
| S 5 | 6 59 31 | 14°42'05 | 11♒ 3 | 23°54 | 24°45 | 22°31 | 23° 3 | 24°49 | 23°38 | 14°44 | 10° 8 | 28°35 | 27° 2 | 28°21 | 13°50 | S 5 |
| S 6 | 7 3 27 | 15°43'15 | 25°59 | 25°12 | 26° 0 | 23° 9 | 23°16 | 24°47 | 23°42 | 14°43 | 10° 7 | 28°28 | 26°58 | 28°27 | 13°51 | S 6 |
| M 7 | 7 7 24 | 16°44'23 | 10♓45 | 26°31 | 27°15 | 23°47 | 23°29 | 24°45 | 23°45 | 14°41 | 10° 5 | 28°21 | 26°55 | 28°34 | 13°51 | M 7 |
| T 8 | 7 11 21 | 17°45'32 | 25°14 | 27°52 | 28°31 | 24°25 | 23°42 | 24°43 | 23°49 | 14°40 | 10° 4 | 28°17 | 26°52 | 28°41 | 13°52 | T 8 |
| W 9 | 7 15 17 | 18°46'41 | 9♈24 | 29°13 | 29°46 | 25° 3 | 23°55 | 24°41 | 23°52 | 14°39 | 10° 3 | 28°15 | 26°49 | 28°48 | 13°53 | W 9 |
| T 10 | 7 19 14 | 19°47'49 | 23°12 | 0♑36 | 1♒ 2 | 25°41 | 24° 8 | 24°40 | 23°56 | 14°37 | 10° 2 | 28°D14 | 26°46 | 28°54 | 13°54 | T 10 |
| F 11 | 7 23 10 | 20°48'57 | 6♉39 | 2° 0 | 2°17 | 26°19 | 24°21 | 24°38 | 24° 0 | 14°36 | 10° 1 | 28°15 | 26°43 | 29° 1 | 13°55 | F 11 |
| S 12 | 7 27 7 | 21°50'05 | 19°48 | 3°25 | 3°32 | 26°57 | 24°34 | 24°36 | 24° 3 | 14°34 | 9°59 | 28°16 | 26°39 | 29° 8 | 13°56 | S 12 |
| S 13 | 7 31 3 | 22°51'12 | 2♊42 | 4°50 | 4°48 | 27°35 | 24°48 | 24°35 | 24° 7 | 14°33 | 9°58 | 28°R16 | 26°36 | 29°14 | 13°57 | S 13 |
| M14 | 7 35 0 | 23°52'19 | 15°22 | 6°16 | 6° 3 | 28°13 | 25° 1 | 24°34 | 24°10 | 14°31 | 9°57 | 28°15 | 26°33 | 29°21 | 13°58 | M14 |
| T 15 | 7 38 56 | 24°53'26 | 27°52 | 7°43 | 7°18 | 28°51 | 25°14 | 24°32 | 24°14 | 14°29 | 9°56 | 28°11 | 26°30 | 29°28 | 14° 0 | T 15 |
| W16 | 7 42 53 | 25°54'33 | 10♋12 | 9°10 | 8°34 | 29°29 | 25°28 | 24°31 | 24°17 | 14°28 | 9°55 | 28° 4 | 26°27 | 29°35 | 14° 1 | W16 |
| T 17 | 7 46 50 | 26°55'39 | 22°24 | 10°38 | 9°49 | 0♐ 7 | 25°41 | 24°30 | 24°21 | 14°26 | 9°54 | 27°55 | 26°23 | 29°41 | 14° 2 | T 17 |
| F 18 | 7 50 46 | 27°56'45 | 4♌30 | 12° 7 | 11° 4 | 0°45 | 25°55 | 24°29 | 24°25 | 14°25 | 9°52 | 27°43 | 26°20 | 29°48 | 14° 3 | F 18 |
| S 19 | 7 54 43 | 28°57'51 | 16°29 | 13°36 | 12°19 | 1°23 | 26° 8 | 24°29 | 24°28 | 14°23 | 9°51 | 27°31 | 26°17 | 29°55 | 14° 5 | S 19 |
| S 20 | 7 58 39 | 29°58'56 | 28°24 | 15° 6 | 13°35 | 2° 1 | 26°22 | 24°28 | 24°32 | 14°21 | 9°50 | 27°18 | 26°14 | 0♍ 2 | 14° 6 | S 20 |
| M21 | 8 2 36 | 1♒ 0'01 | 10♍16 | 16°37 | 14°50 | 2°39 | 26°35 | 24°27 | 24°35 | 14°20 | 9°49 | 27° 7 | 26°11 | 0° 8 | 14° 8 | M21 |
| T 22 | 8 6 32 | 2° 1'06 | 22° 7 | 18° 8 | 16° 5 | 3°17 | 26°49 | 24°27 | 24°39 | 14°18 | 9°48 | 26°58 | 26° 8 | 0°15 | 14° 9 | T 22 |
| W23 | 8 10 29 | 3° 2'11 | 4♎ 1 | 19°39 | 17°20 | 3°55 | 27° 3 | 24°27 | 24°42 | 14°16 | 9°47 | 26°51 | 26° 4 | 0°22 | 14°11 | W23 |
| T 24 | 8 14 25 | 4° 3'15 | 16° 0 | 21°11 | 18°36 | 4°33 | 27°17 | 24°26 | 24°46 | 14°15 | 9°46 | 26°47 | 26° 1 | 0°28 | 14°13 | T 24 |
| F 25 | 8 18 22 | 5° 4'19 | 28°11 | 22°44 | 19°51 | 5°11 | 27°31 | 24°D26 | 24°49 | 14°13 | 9°45 | 26°45 | 25°58 | 0°35 | 14°15 | F 25 |
| S 26 | 8 22 19 | 6° 5'23 | 10♏37 | 24°17 | 21° 6 | 5°49 | 27°44 | 24°26 | 24°53 | 14°12 | 9°44 | 26°D45 | 25°55 | 0°42 | 14°16 | S 26 |
| S 27 | 8 26 15 | 7° 6'27 | 23°24 | 25°50 | 22°21 | 6°27 | 27°58 | 24°26 | 24°56 | 14°10 | 9°43 | 26°R45 | 25°52 | 0°49 | 14°18 | S 27 |
| M28 | 8 30 12 | 8° 7'30 | 6♐37 | 27°25 | 23°36 | 7° 5 | 28°12 | 24°27 | 25° 0 | 14° 8 | 9°41 | 26°45 | 25°49 | 0°55 | 14°20 | M28 |
| T 29 | 8 34 8 | 9° 8'33 | 20°19 | 28°59 | 24°51 | 7°43 | 28°26 | 24°27 | 25° 4 | 14° 6 | 9°40 | 26°43 | 25°45 | 1° 2 | 14°22 | T 29 |
| W30 | 8 38 5 | 10° 9'36 | 4♑30 | 0♒35 | 26° 7 | 8°21 | 28°40 | 24°28 | 25° 7 | 14° 5 | 9°39 | 26°38 | 25°42 | 1° 9 | 14°24 | W30 |
| T 31 | 8 42 1 | 11♒10'38 | 19♑10 | 2♒11 | 27♒22 | 8♐59 | 28♒54 | 24♉28 | 25♑10 | 14♌ 3 | 9♋38 | 26♉31 | 25♉39 | 1♍15 | 14♈26 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s58 | 23s27 | 1s13 | 21s15 | 1n42 | 22s55 | 0s59 | 16s59 | 0n45 | 14s50 | 0s48 | 16n46 | 2s16 | 21s49 | 0s27 | 16n16 | 0s 5 | 18n 9 | 4s52 | 19n53 | 19n30 | 17n 0 | 7n 0 | 1n42 |
| W 2 | 22 53 | 25 45 | 2 24 | 21 28 | 1 33 | 22 45 | 1 1 | 17 9 | 0 44 | 14 46 | 0 48 | 16 45 | 2 16 | 21 48 | 0 27 | 16 17 | 0 5 | 18 9 | 4 52 | 19 52 | 19 29 | 16 58 | 7 0 | 1 42 |
| T 3 | 22 47 | 26 22 | 3 28 | 21 42 | 1 25 | 22 35 | 1 2 | 17 20 | 0 44 | 14 42 | 0 48 | 16 45 | 2 16 | 21 48 | 0 27 | 16 17 | 0 5 | 18 9 | 4 52 | 19 51 | 19 29 | 16 55 | 7 0 | 1 42 |
| F 4 | 22 41 | 25 8 | 4 19 | 21 55 | 1 17 | 22 24 | 1 4 | 17 30 | 0 43 | 14 37 | 0 48 | 16 45 | 2 16 | 21 47 | 0 27 | 16 18 | 0 5 | 18 9 | 4 51 | 19 50 | 19 28 | 16 53 | 7 0 | 1 42 |
| S 5 | 22 35 | 22 7 | 4 53 | 22 7 | 1 8 | 22 13 | 1 6 | 17 40 | 0 43 | 14 33 | 0 48 | 16 44 | 2 15 | 21 46 | 0 27 | 16 18 | 0 5 | 18 9 | 4 51 | 19 48 | 19 27 | 16 51 | 7 1 | 1 42 |
| S 6 | 22 28 | 17 38 | 5 7 | 22 18 | 1 0 | 22 0 | 1 8 | 17 50 | 0 42 | 14 29 | 0 48 | 16 44 | 2 15 | 21 46 | 0 27 | 16 18 | 0 5 | 18 10 | 4 51 | 19 46 | 19 26 | 16 48 | 7 1 | 1 42 |
| M 7 | 22 20 | 12 9 | 5 0 | 22 29 | 0 51 | 21 48 | 1 9 | 18 0 | 0 42 | 14 25 | 0 48 | 16 44 | 2 15 | 21 45 | 0 27 | 16 19 | 0 5 | 18 10 | 4 51 | 19 45 | 19 26 | 16 46 | 7 1 | 1 41 |
| T 8 | 22 13 | 6 5 | 4 34 | 22 39 | 0 43 | 21 34 | 1 11 | 18 10 | 0 41 | 14 20 | 0 48 | 16 44 | 2 15 | 21 45 | 0 27 | 16 19 | 0 5 | 18 10 | 4 51 | 19 44 | 19 25 | 16 43 | 7 1 | 1 41 |
| W 9 | 22 4 | 0n 9 | 3 52 | 22 48 | 0 35 | 21 20 | 1 12 | 18 20 | 0 41 | 14 16 | 0 48 | 16 44 | 2 14 | 21 44 | 0 27 | 16 20 | 0 5 | 18 10 | 4 51 | 19 44 | 19 24 | 16 41 | 7 1 | 1 41 |
| T 10 | 21 56 | 6 15 | 2 57 | 22 57 | 0 26 | 21 5 | 1 14 | 18 29 | 0 40 | 14 12 | 0 48 | 16 43 | 2 14 | 21 43 | 0 27 | 16 20 | 0 5 | 18 10 | 4 51 | 19 43 | 19 23 | 16 39 | 7 1 | 1 41 |
| F 11 | 21 47 | 11 55 | 1 53 | 23 4 | 0 18 | 20 50 | 1 15 | 18 39 | 0 40 | 14 7 | 0 48 | 16 43 | 2 14 | 21 43 | 0 27 | 16 21 | 0 5 | 18 10 | 4 51 | 19 44 | 19 23 | 16 36 | 7 2 | 1 41 |
| S 12 | 21 37 | 16 55 | 0 45 | 23 10 | 0 10 | 20 34 | 1 17 | 18 48 | 0 39 | 14 3 | 0 48 | 16 43 | 2 14 | 21 42 | 0 27 | 16 21 | 0 5 | 18 11 | 4 51 | 19 44 | 19 22 | 16 34 | 7 2 | 1 41 |
| S 13 | 21 27 | 21 3 | 0n24 | 23 15 | 0 3 | 20 17 | 1 18 | 18 57 | 0 39 | 13 59 | 0 48 | 16 43 | 2 13 | 21 41 | 0 27 | 16 22 | 0 5 | 18 11 | 4 51 | 19 44 | 19 21 | 16 31 | 7 2 | 1 40 |
| M14 | 21 17 | 24 5 | 1 30 | 23 19 | 0s 5 | 20 0 | 1 19 | 19 6 | 0 38 | 13 54 | 0 48 | 16 43 | 2 13 | 21 41 | 0 27 | 16 22 | 0 5 | 18 11 | 4 51 | 19 44 | 19 20 | 16 29 | 7 2 | 1 40 |
| T 15 | 21 6 | 25 54 | 2 31 | 23 22 | 0 13 | 19 42 | 1 20 | 19 15 | 0 38 | 13 50 | 0 48 | 16 43 | 2 13 | 21 40 | 0 27 | 16 22 | 0 5 | 18 11 | 4 51 | 19 43 | 19 20 | 16 27 | 7 3 | 1 40 |
| W16 | 20 55 | 26 24 | 3 24 | 23 24 | 0 20 | 19 24 | 1 22 | 19 24 | 0 37 | 13 45 | 0 48 | 16 43 | 2 12 | 21 40 | 0 27 | 16 23 | 0 5 | 18 11 | 4 51 | 19 41 | 19 19 | 16 24 | 7 3 | 1 40 |
| T 17 | 20 44 | 25 36 | 4 7 | 23 25 | 0 27 | 19 5 | 1 23 | 19 32 | 0 37 | 13 41 | 0 48 | 16 43 | 2 12 | 21 39 | 0 27 | 16 23 | 0 5 | 18 11 | 4 50 | 19 39 | 19 18 | 16 22 | 7 3 | 1 40 |
| F 18 | 20 32 | 23 36 | 4 39 | 23 24 | 0 34 | 18 45 | 1 24 | 19 41 | 0 36 | 13 36 | 0 48 | 16 43 | 2 12 | 21 38 | 0 27 | 16 24 | 0 5 | 18 12 | 4 50 | 19 37 | 19 18 | 16 19 | 7 4 | 1 39 |
| S 19 | 20 19 | 20 35 | 4 57 | 23 22 | 0 41 | 18 25 | 1 25 | 19 49 | 0 36 | 13 32 | 0 48 | 16 43 | 2 12 | 21 38 | 0 27 | 16 24 | 0 5 | 18 12 | 4 50 | 19 34 | 19 17 | 16 17 | 7 4 | 1 39 |
| S 20 | 20 7 | 16 44 | 5 2 | 23 19 | 0 47 | 18 5 | 1 26 | 19 57 | 0 35 | 13 27 | 0 48 | 16 43 | 2 11 | 21 37 | 0 27 | 16 25 | 0 5 | 18 12 | 4 50 | 19 31 | 19 16 | 16 14 | 7 5 | 1 39 |
| M21 | 19 53 | 12 15 | 4 55 | 23 15 | 0 54 | 17 44 | 1 26 | 20 5 | 0 34 | 13 22 | 0 48 | 16 43 | 2 11 | 21 37 | 0 27 | 16 25 | 0 5 | 18 12 | 4 50 | 19 28 | 19 15 | 16 12 | 7 5 | 1 39 |
| T 22 | 19 40 | 7 19 | 4 34 | 23 9 | 1 0 | 17 22 | 1 27 | 20 13 | 0 34 | 13 18 | 0 48 | 16 44 | 2 11 | 21 36 | 0 27 | 16 26 | 0 5 | 18 12 | 4 50 | 19 26 | 19 15 | 16 9 | 7 5 | 1 39 |
| W23 | 19 26 | 2 7 | 4 2 | 23 2 | 1 6 | 17 0 | 1 28 | 20 21 | 0 33 | 13 13 | 0 48 | 16 44 | 2 10 | 21 35 | 0 27 | 16 26 | 0 5 | 18 12 | 4 50 | 19 25 | 19 14 | 16 7 | 7 6 | 1 39 |
| T 24 | 19 12 | 3s14 | 3 19 | 22 54 | 1 12 | 16 38 | 1 29 | 20 28 | 0 33 | 13 8 | 0 48 | 16 44 | 2 10 | 21 35 | 0 27 | 16 27 | 0 5 | 18 13 | 4 50 | 19 24 | 19 13 | 16 5 | 7 6 | 1 39 |
| F 25 | 18 57 | 8 32 | 2 26 | 22 45 | 1 17 | 16 15 | 1 29 | 20 36 | 0 32 | 13 4 | 0 48 | 16 44 | 2 10 | 21 34 | 0 27 | 16 27 | 0 5 | 18 13 | 4 50 | 19 23 | 19 12 | 16 2 | 7 7 | 1 38 |
| S 26 | 18 43 | 13 38 | 1 25 | 22 34 | 1 22 | 15 51 | 1 30 | 20 43 | 0 31 | 12 59 | 0 48 | 16 45 | 2 10 | 21 33 | 0 27 | 16 28 | 0 5 | 18 13 | 4 50 | 19 23 | 19 12 | 16 0 | 7 7 | 1 38 |
| S 27 | 18 27 | 18 18 | 0 18 | 22 22 | 1 27 | 15 27 | 1 30 | 20 50 | 0 31 | 12 54 | 0 48 | 16 45 | 2 9 | 21 33 | 0 28 | 16 28 | 0 5 | 18 13 | 4 50 | 19 23 | 19 11 | 15 57 | 7 8 | 1 38 |
| M28 | 18 12 | 22 13 | 0s52 | 22 8 | 1 32 | 15 3 | 1 31 | 20 57 | 0 30 | 12 49 | 0 48 | 16 45 | 2 9 | 21 32 | 0 28 | 16 29 | 0 5 | 18 13 | 4 49 | 19 23 | 19 10 | 15 55 | 7 9 | 1 38 |
| T 29 | 17 56 | 25 3 | 2 1 | 21 53 | 1 37 | 14 38 | 1 31 | 21 4 | 0 30 | 12 44 | 0 48 | 16 46 | 2 9 | 21 32 | 0 28 | 16 29 | 0 5 | 18 14 | 4 49 | 19 23 | 19 9 | 15 52 | 7 9 | 1 38 |
| W30 | 17 40 | 26 24 | 3 6 | 21 37 | 1 41 | 14 13 | 1 31 | 21 10 | 0 29 | 12 40 | 0 48 | 16 46 | 2 8 | 21 31 | 0 28 | 16 30 | 0 5 | 18 14 | 4 49 | 19 22 | 19 9 | 15 50 | 7 10 | 1 38 |
| T 31 | 17s23 | 25s59 | 4s 0 | 21s20 | 1s45 | 13s48 | 1s32 | 21s17 | 0n28 | 12s35 | 0s48 | 16n46 | 2s 8 | 21s30 | 0s28 | 16n30 | 0s 5 | 18n14 | 4s49 | 19n20 | 19n 8 | 15n47 | 7n10 | 1n37 |

Julian Day Number = 2602390.5, Delta T = 09m16s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'51, Lahiri = 29°37'53


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## FEBRUARY 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 45 58 | 12♒11'40 | 4♒12 | 3♒47 | 28♒37 | 9♐37 | 29♒ 8 | 24♉29 | 25♋14 | 14°R 1 | 9°R37 | 26°R21 | 25♉36 | 1♍22 | 14♈28 | F 1 |
| S 2 | 8 49 54 | 13°12'40 | 19°27 | 5°25 | 29°52 | 10°15 | 29°23 | 24°30 | 25°17 | 14♎ 0 | 9♋36 | 26♉10 | 25°33 | 1°29 | 14°30 | S 2 |
| S 3 | 8 53 51 | 14°13'40 | 4♓45 | 7° 3 | 1♓ 7 | 10°53 | 29°37 | 24°31 | 25°21 | 13°58 | 9°35 | 25°58 | 25°29 | 1°36 | 14°32 | S 3 |
| M 4 | 8 57 48 | 15°14'39 | 19°53 | 8°41 | 2°22 | 11°30 | 29°51 | 24°32 | 25°24 | 13°56 | 9°34 | 25°48 | 25°26 | 1°42 | 14°35 | M 4 |
| T 5 | 9 1 44 | 16°15'36 | 4♈43 | 10°20 | 3°37 | 12° 8 | 0♓ 5 | 24°33 | 25°28 | 13°55 | 9°34 | 25°40 | 25°23 | 1°49 | 14°37 | T 5 |
| W 6 | 9 5 41 | 17°16'33 | 19° 7 | 12° 0 | 4°52 | 12°46 | 0°19 | 24°34 | 25°31 | 13°53 | 9°33 | 25°35 | 25°20 | 1°56 | 14°39 | W 6 |
| T 7 | 9 9 37 | 18°17'28 | 3♉ 5 | 13°41 | 6° 7 | 13°24 | 0°34 | 24°35 | 25°34 | 13°51 | 9°32 | 25°33 | 25°17 | 2° 3 | 14°42 | T 7 |
| F 8 | 9 13 34 | 19°18'22 | 16°35 | 15°22 | 7°22 | 14° 2 | 0°48 | 24°37 | 25°38 | 13°50 | 9°31 | 25°32 | 25°14 | 2° 9 | 14°44 | F 8 |
| S 9 | 9 17 30 | 20°19'15 | 29°42 | 17° 4 | 8°37 | 14°39 | 1° 2 | 24°38 | 25°41 | 13°48 | 9°30 | 25°32 | 25°10 | 2°16 | 14°46 | S 9 |
| S 10 | 9 21 27 | 21°20'06 | 12♊28 | 18°46 | 9°52 | 15°17 | 1°16 | 24°40 | 25°44 | 13°46 | 9°29 | 25°32 | 25° 7 | 2°23 | 14°49 | S 10 |
| M11 | 9 25 23 | 22°20'56 | 24°57 | 20°30 | 11° 7 | 15°55 | 1°31 | 24°42 | 25°48 | 13°45 | 9°28 | 25°29 | 25° 4 | 2°29 | 14°51 | M11 |
| T 12 | 9 29 20 | 23°21'45 | 7♋14 | 22°14 | 12°22 | 16°32 | 1°45 | 24°44 | 25°51 | 13°43 | 9°27 | 25°24 | 25° 1 | 2°36 | 14°54 | T 12 |
| W13 | 9 33 17 | 24°22'32 | 19°22 | 23°59 | 13°37 | 17°10 | 1°59 | 24°46 | 25°54 | 13°41 | 9°26 | 25°15 | 24°58 | 2°43 | 14°57 | W13 |
| T 14 | 9 37 13 | 25°23'18 | 1♌24 | 25°44 | 14°51 | 17°48 | 2°14 | 24°48 | 25°57 | 13°40 | 9°26 | 25° 4 | 24°55 | 2°50 | 14°59 | T 14 |
| F 15 | 9 41 10 | 26°24'02 | 13°21 | 27°31 | 16° 6 | 18°25 | 2°28 | 24°50 | 26° 1 | 13°38 | 9°25 | 24°50 | 24°51 | 2°56 | 15° 2 | F 15 |
| S 16 | 9 45 6 | 27°24'46 | 25°16 | 29°18 | 17°21 | 19° 3 | 2°43 | 24°53 | 26° 4 | 13°36 | 9°24 | 24°35 | 24°48 | 3° 3 | 15° 5 | S 16 |
| S 17 | 9 49 3 | 28°25'28 | 7♍ 9 | 1♓ 6 | 18°36 | 19°41 | 2°57 | 24°55 | 26° 7 | 13°35 | 9°23 | 24°20 | 24°45 | 3°10 | 15° 7 | S 17 |
| M18 | 9 52 59 | 29°26'08 | 19° 1 | 2°54 | 19°51 | 20°18 | 3°11 | 24°58 | 26°10 | 13°33 | 9°23 | 24° 6 | 24°42 | 3°16 | 15°10 | M18 |
| T 19 | 9 56 56 | 0♓26'48 | 0♎55 | 4°43 | 21° 5 | 20°56 | 3°26 | 25° 0 | 26°13 | 13°31 | 9°22 | 23°55 | 24°39 | 3°23 | 15°13 | T 19 |
| W20 | 10 0 52 | 1°27'26 | 12°51 | 6°33 | 22°20 | 21°33 | 3°40 | 25° 3 | 26°16 | 13°30 | 9°21 | 23°46 | 24°35 | 3°30 | 15°16 | W20 |
| T 21 | 10 4 49 | 2°28'03 | 24°54 | 8°23 | 23°34 | 22°11 | 3°55 | 25° 6 | 26°19 | 13°28 | 9°21 | 23°40 | 24°32 | 3°37 | 15°19 | T 21 |
| F 22 | 10 8 46 | 3°28'38 | 7♏ 5 | 10°13 | 24°49 | 22°48 | 4° 9 | 25° 9 | 26°22 | 13°27 | 9°20 | 23°37 | 24°29 | 3°43 | 15°22 | F 22 |
| S 23 | 10 12 42 | 4°29'13 | 19°30 | 12° 4 | 26° 4 | 23°26 | 4°23 | 25°12 | 26°25 | 13°25 | 9°19 | 23°D36 | 24°26 | 3°50 | 15°25 | S 23 |
| S 24 | 10 16 39 | 5°29'47 | 2♐13 | 13°55 | 27°18 | 24° 3 | 4°38 | 25°15 | 26°28 | 13°24 | 9°19 | 23°R36 | 24°23 | 3°57 | 15°28 | S 24 |
| M25 | 10 20 35 | 6°30'19 | 15°19 | 15°46 | 28°33 | 24°41 | 4°52 | 25°18 | 26°31 | 13°22 | 9°18 | 23°36 | 24°20 | 4° 4 | 15°31 | M25 |
| T 26 | 10 24 32 | 7°30'50 | 28°51 | 17°37 | 29°47 | 25°18 | 5° 7 | 25°22 | 26°34 | 13°20 | 9°18 | 23°34 | 24°16 | 4°10 | 15°34 | T 26 |
| W27 | 10 28 28 | 8°31'20 | 12♑51 | 19°27 | 1♈ 2 | 25°55 | 5°21 | 25°25 | 26°37 | 13°19 | 9°17 | 23°30 | 24°13 | 4°17 | 15°37 | W27 |
| T 28 | 10 32 25 | 9♓31'49 | 27♑21 | 21♓17 | 2♈16 | 26♐33 | 5♓35 | 25♉29 | 26♋40 | 13♎17 | 9♋16 | 23♉24 | 24♉10 | 4♍24 | 15♈40 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 17s 6 | 23s41 | 4s39 | 21s 1 | 1s48 | 13s22 | 1s32 | 21s23 | 0n28 | 12s30 | 0s48 | 16n47 | 2s 8 | 21s30 | 0s28 | 16n31 | 0s 4 | 18n14 | 4s49 | 19n18 | 19n 7 | 15n45 | 7n11 | 1n37 | F 1 |
| S 2 | 16 49 | 19 40 | 4 58 | 20 41 | 1 52 | 12 56 | 1 32 | 21 30 | 0 27 | 12 25 | 0 48 | 16 47 | 2 8 | 21 29 | 0 28 | 16 31 | 0 4 | 18 14 | 4 49 | 19 15 | 19 6 | 15 42 | 7 12 | 1 37 | S 2 |
| S 3 | 16 32 | 14 21 | 4 57 | 20 19 | 1 55 | 12 29 | 1 32 | 21 36 | 0 26 | 12 20 | 0 48 | 16 48 | 2 7 | 21 28 | 0 28 | 16 32 | 0 4 | 18 14 | 4 49 | 19 12 | 19 6 | 15 40 | 7 13 | 1 37 | S 3 |
| M 4 | 16 14 | 8 12 | 4 35 | 19 56 | 1 57 | 12 2 | 1 32 | 21 41 | 0 26 | 12 15 | 0 48 | 16 48 | 2 7 | 21 28 | 0 28 | 16 32 | 0 4 | 18 15 | 4 49 | 19 10 | 19 5 | 15 37 | 7 13 | 1 37 | M 4 |
| T 5 | 15 56 | 1 43 | 3 54 | 19 32 | 2 0 | 11 35 | 1 32 | 21 47 | 0 25 | 12 10 | 0 48 | 16 49 | 2 7 | 21 27 | 0 28 | 16 33 | 0 4 | 18 15 | 4 48 | 19 8 | 19 4 | 15 35 | 7 14 | 1 37 | T 5 |
| W 6 | 15 37 | 4n42 | 3 0 | 19 6 | 2 1 | 11 7 | 1 31 | 21 53 | 0 24 | 12 5 | 0 48 | 16 50 | 2 6 | 21 27 | 0 28 | 16 33 | 0 4 | 18 15 | 4 48 | 19 7 | 19 3 | 15 32 | 7 15 | 1 36 | W 6 |
| T 7 | 15 19 | 10 42 | 1 56 | 18 39 | 2 3 | 10 40 | 1 31 | 21 58 | 0 24 | 12 0 | 0 48 | 16 50 | 2 6 | 21 26 | 0 28 | 16 34 | 0 4 | 18 15 | 4 48 | 19 6 | 19 3 | 15 30 | 7 16 | 1 36 | T 7 |
| F 8 | 15 0 | 16 0 | 0 47 | 18 10 | 2 4 | 10 12 | 1 31 | 22 3 | 0 23 | 11 55 | 0 48 | 16 51 | 2 6 | 21 25 | 0 28 | 16 34 | 0 4 | 18 15 | 4 48 | 19 6 | 19 2 | 15 27 | 7 16 | 1 36 | F 8 |
| S 9 | 14 41 | 20 24 | 0n22 | 17 41 | 2 5 | 9 43 | 1 30 | 22 8 | 0 22 | 11 50 | 0 48 | 16 51 | 2 6 | 21 25 | 0 28 | 16 35 | 0 4 | 18 16 | 4 48 | 19 6 | 19 1 | 15 24 | 7 17 | 1 36 | S 9 |
| S 10 | 14 22 | 23 42 | 1 28 | 17 9 | 2 6 | 9 15 | 1 30 | 22 13 | 0 21 | 11 45 | 0 48 | 16 52 | 2 5 | 21 24 | 0 28 | 16 35 | 0 4 | 18 16 | 4 48 | 19 6 | 19 0 | 15 22 | 7 18 | 1 36 | S 10 |
| M11 | 14 2 | 25 46 | 2 28 | 16 37 | 2 6 | 8 46 | 1 29 | 22 18 | 0 21 | 11 40 | 0 48 | 16 53 | 2 5 | 21 24 | 0 28 | 16 36 | 0 4 | 18 16 | 4 48 | 19 5 | 18 59 | 15 19 | 7 19 | 1 36 | M11 |
| T 12 | 13 42 | 26 32 | 3 21 | 16 3 | 2 5 | 8 17 | 1 29 | 22 23 | 0 20 | 11 35 | 0 48 | 16 54 | 2 5 | 21 23 | 0 28 | 16 36 | 0 4 | 18 16 | 4 48 | 19 4 | 18 59 | 15 17 | 7 20 | 1 36 | T 12 |
| W13 | 13 22 | 26 0 | 4 3 | 15 27 | 2 4 | 7 47 | 1 28 | 22 27 | 0 19 | 11 30 | 0 48 | 16 54 | 2 4 | 21 22 | 0 28 | 16 37 | 0 4 | 18 16 | 4 47 | 19 2 | 18 58 | 15 14 | 7 21 | 1 35 | W13 |
| T 14 | 13 2 | 24 16 | 4 34 | 14 51 | 2 3 | 7 18 | 1 27 | 22 31 | 0 18 | 11 25 | 0 48 | 16 55 | 2 4 | 21 22 | 0 28 | 16 37 | 0 4 | 18 17 | 4 47 | 18 59 | 18 57 | 15 12 | 7 21 | 1 35 | T 14 |
| F 15 | 12 41 | 21 27 | 4 53 | 14 12 | 2 1 | 6 48 | 1 27 | 22 36 | 0 18 | 11 20 | 0 48 | 16 56 | 2 4 | 21 21 | 0 28 | 16 38 | 0 4 | 18 17 | 4 47 | 18 56 | 18 56 | 15 9 | 7 22 | 1 35 | F 15 |
| S 16 | 12 21 | 17 46 | 4 59 | 13 33 | 1 59 | 6 18 | 1 26 | 22 40 | 0 17 | 11 14 | 0 49 | 16 57 | 2 4 | 21 21 | 0 28 | 16 38 | 0 4 | 18 17 | 4 47 | 18 53 | 18 56 | 15 7 | 7 23 | 1 35 | S 16 |
| S 17 | 12 0 | 13 23 | 4 52 | 12 52 | 1 56 | 5 48 | 1 25 | 22 43 | 0 16 | 11 9 | 0 49 | 16 58 | 2 3 | 21 20 | 0 28 | 16 39 | 0 4 | 18 17 | 4 47 | 18 49 | 18 55 | 15 4 | 7 24 | 1 35 | S 17 |
| M18 | 11 39 | 8 30 | 4 32 | 12 10 | 1 53 | 5 18 | 1 24 | 22 47 | 0 15 | 11 4 | 0 49 | 16 59 | 2 3 | 21 20 | 0 28 | 16 39 | 0 4 | 18 17 | 4 47 | 18 45 | 18 54 | 15 1 | 7 25 | 1 35 | M18 |
| T 19 | 11 17 | 3 19 | 4 0 | 11 27 | 1 49 | 4 48 | 1 23 | 22 50 | 0 14 | 10 59 | 0 49 | 16 59 | 2 3 | 21 19 | 0 28 | 16 40 | 0 4 | 18 17 | 4 47 | 18 43 | 18 53 | 14 59 | 7 26 | 1 35 | T 19 |
| W20 | 10 56 | 2s 2 | 3 17 | 10 43 | 1 45 | 4 17 | 1 21 | 22 54 | 0 13 | 10 54 | 0 49 | 17 0 | 2 2 | 21 18 | 0 28 | 16 40 | 0 4 | 18 18 | 4 47 | 18 40 | 18 53 | 14 56 | 7 27 | 1 34 | W20 |
| T 21 | 10 34 | 7 22 | 2 25 | 9 57 | 1 40 | 3 46 | 1 20 | 22 57 | 0 13 | 10 49 | 0 49 | 17 1 | 2 2 | 21 18 | 0 28 | 16 40 | 0 4 | 18 18 | 4 46 | 18 39 | 18 52 | 14 54 | 7 28 | 1 34 | T 21 |
| F 22 | 10 13 | 12 29 | 1 26 | 9 10 | 1 34 | 3 16 | 1 19 | 23 0 | 0 12 | 10 44 | 0 49 | 17 2 | 2 2 | 21 17 | 0 28 | 16 41 | 0 4 | 18 18 | 4 46 | 18 38 | 18 51 | 14 51 | 7 29 | 1 34 | F 22 |
| S 23 | 9 51 | 17 13 | 0 22 | 8 22 | 1 28 | 2 45 | 1 18 | 23 3 | 0 11 | 10 38 | 0 49 | 17 3 | 2 2 | 21 17 | 0 28 | 16 41 | 0 4 | 18 18 | 4 46 | 18 38 | 18 50 | 14 48 | 7 30 | 1 34 | S 23 |
| S 24 | 9 29 | 21 18 | 0s46 | 7 33 | 1 21 | 2 14 | 1 16 | 23 5 | 0 10 | 10 33 | 0 49 | 17 4 | 2 1 | 21 16 | 0 28 | 16 42 | 0 4 | 18 18 | 4 46 | 18 38 | 18 49 | 14 46 | 7 31 | 1 34 | S 24 |
| M25 | 9 6 | 24 26 | 1 52 | 6 44 | 1 14 | 1 43 | 1 15 | 23 8 | 0 9 | 10 28 | 0 49 | 17 5 | 2 1 | 21 16 | 0 28 | 16 42 | 0 4 | 18 19 | 4 46 | 18 38 | 18 49 | 14 43 | 7 32 | 1 34 | M25 |
| T 26 | 8 44 | 26 18 | 2 55 | 5 53 | 1 5 | 1 12 | 1 13 | 23 10 | 0 8 | 10 23 | 0 49 | 17 6 | 2 1 | 21 15 | 0 28 | 16 43 | 0 4 | 18 19 | 4 46 | 18 37 | 18 48 | 14 41 | 7 33 | 1 34 | T 26 |
| W27 | 8 21 | 26 34 | 3 49 | 5 2 | 0 57 | 0 41 | 1 12 | 23 12 | 0 7 | 10 18 | 0 49 | 17 7 | 2 1 | 21 15 | 0 28 | 16 43 | 0 4 | 18 19 | 4 45 | 18 36 | 18 47 | 14 38 | 7 34 | 1 34 | W27 |
| T 28 | 7s59 | 25s 5 | 4s31 | 4s10 | 0s47 | 0s10 | 1s10 | 23s14 | 0n 6 | 10s12 | 0s49 | 17n 9 | 2s 0 | 21s14 | 0s28 | 16n44 | 0s 4 | 18n19 | 4s45 | 18n35 | 18n46 | 14n35 | 7n35 | 1n33 | T 28 |

Julian Day Number = 2602421.5, Delta T = 09m16s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°30'56, Lahiri = 29°37'57


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## MARCH 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 36 21 | 10♓32'16 | 12♒16 | 23♓ 5 | 3♈30 | 27♐10 | 5♓50 | 25♉32 | 26♑43 | 13°R16 | 9°R16 | 23°R15 | 24♉ 7 | 4♍30 | 15♈43 | F 1 |
| S 2 | 10 40 18 | 11°32'42 | 27°29 | 24°53 | 4°45 | 27°47 | 6° 4 | 25°36 | 26°46 | 13♘15 | 9♋15 | 23♉ 4 | 24° 4 | 4°37 | 15°46 | S 2 |
| S 3 | 10 44 15 | 12°33'06 | 12♓50 | 26°38 | 5°59 | 28°25 | 6°19 | 25°40 | 26°48 | 13°13 | 9°15 | 22°53 | 24° 1 | 4°44 | 15°50 | S 3 |
| M 4 | 10 48 11 | 13°33'28 | 28° 6 | 28°21 | 7°13 | 29° 2 | 6°33 | 25°44 | 26°51 | 13°12 | 9°15 | 22°44 | 23°57 | 4°51 | 15°53 | M 4 |
| T 5 | 10 52 8 | 14°33'49 | 13♈ 8 | 0♈ 2 | 8°28 | 29°39 | 6°47 | 25°48 | 26°54 | 13°10 | 9°14 | 22°36 | 23°54 | 4°57 | 15°56 | T 5 |
| W 6 | 10 56 4 | 15°34'08 | 27°46 | 1°39 | 9°42 | 0♑16 | 7° 2 | 25°52 | 26°57 | 13° 9 | 9°14 | 22°31 | 23°51 | 5° 4 | 15°59 | W 6 |
| T 7 | 11 0 1 | 16°34'25 | 11♉56 | 3°13 | 10°56 | 0°53 | 7°16 | 25°56 | 26°59 | 13° 8 | 9°13 | 22°29 | 23°48 | 5°11 | 16° 3 | T 7 |
| F 8 | 11 3 57 | 17°34'40 | 25°37 | 4°42 | 12°10 | 1°31 | 7°30 | 26° 1 | 27° 2 | 13° 6 | 9°13 | 22°D28 | 23°45 | 5°17 | 16° 6 | F 8 |
| S 9 | 11 7 54 | 18°34'52 | 8♊50 | 6° 6 | 13°24 | 2° 8 | 7°45 | 26° 5 | 27° 4 | 13° 5 | 9°13 | 22°29 | 23°41 | 5°24 | 16°10 | S 9 |
| S 10 | 11 11 50 | 19°35'03 | 21°39 | 7°25 | 14°38 | 2°45 | 7°59 | 26°10 | 27° 7 | 13° 4 | 9°12 | 22°R29 | 23°38 | 5°31 | 16°13 | S 10 |
| M11 | 11 15 47 | 20°35'12 | 4♋ 8 | 8°37 | 15°52 | 3°22 | 8°13 | 26°14 | 27° 9 | 13° 2 | 9°12 | 22°28 | 23°35 | 5°38 | 16°16 | M11 |
| T 12 | 11 19 44 | 21°35'19 | 16°22 | 9°43 | 17° 6 | 3°59 | 8°28 | 26°19 | 27°12 | 13° 1 | 9°12 | 22°25 | 23°32 | 5°44 | 16°20 | T 12 |
| W13 | 11 23 40 | 22°35'24 | 28°26 | 10°41 | 18°20 | 4°35 | 8°42 | 26°24 | 27°14 | 13° 0 | 9°11 | 22°19 | 23°29 | 5°51 | 16°23 | W13 |
| T 14 | 11 27 37 | 23°35'27 | 10♌22 | 11°32 | 19°34 | 5°12 | 8°56 | 26°28 | 27°17 | 12°59 | 9°11 | 22°11 | 23°26 | 5°58 | 16°27 | T 14 |
| F 15 | 11 31 33 | 24°35'27 | 22°15 | 12°15 | 20°48 | 5°49 | 9°10 | 26°33 | 27°19 | 12°57 | 9°11 | 22° 1 | 23°22 | 6° 5 | 16°30 | F 15 |
| S 16 | 11 35 30 | 25°35'26 | 4♍ 6 | 12°50 | 22° 2 | 6°26 | 9°24 | 26°38 | 27°21 | 12°56 | 9°11 | 21°50 | 23°19 | 6°11 | 16°34 | S 16 |
| S 17 | 11 39 26 | 26°35'22 | 15°59 | 13°16 | 23°15 | 7° 3 | 9°38 | 26°43 | 27°23 | 12°55 | 9°11 | 21°39 | 23°16 | 6°18 | 16°37 | S 17 |
| M18 | 11 43 23 | 27°35'17 | 27°54 | 13°33 | 24°29 | 7°39 | 9°53 | 26°48 | 27°26 | 12°54 | 9°11 | 21°29 | 23°13 | 6°25 | 16°41 | M18 |
| T 19 | 11 47 19 | 28°35'09 | 9♎54 | 13°R41 | 25°43 | 8°16 | 10° 7 | 26°54 | 27°28 | 12°53 | 9°10 | 21°20 | 23°10 | 6°31 | 16°44 | T 19 |
| W20 | 11 51 16 | 29°35'00 | 21°58 | 13°40 | 26°56 | 8°53 | 10°21 | 26°59 | 27°30 | 12°52 | 9°10 | 21°13 | 23° 6 | 6°38 | 16°48 | W20 |
| T 21 | 11 55 12 | 0♈34'49 | 4♏10 | 13°31 | 28°10 | 9°29 | 10°35 | 27° 4 | 27°32 | 12°51 | 9°10 | 21°10 | 23° 3 | 6°45 | 16°51 | T 21 |
| F 22 | 11 59 9 | 1°34'37 | 16°31 | 13°14 | 29°23 | 10° 6 | 10°49 | 27°10 | 27°34 | 12°50 | 9°10 | 21°D 8 | 23° 0 | 6°52 | 16°55 | F 22 |
| S 23 | 12 3 6 | 2°34'22 | 29° 4 | 12°49 | 0♉37 | 10°42 | 11° 3 | 27°15 | 27°36 | 12°49 | 9°D10 | 21° 8 | 22°57 | 6°58 | 16°59 | S 23 |
| S 24 | 12 7 2 | 3°34'06 | 11♐51 | 12°17 | 1°50 | 11°19 | 11°17 | 27°21 | 27°38 | 12°48 | 9°10 | 21° 9 | 22°54 | 7° 5 | 17° 2 | S 24 |
| M25 | 12 10 59 | 4°33'48 | 24°57 | 11°39 | 3° 3 | 11°55 | 11°30 | 27°26 | 27°40 | 12°47 | 9°10 | 21°10 | 22°51 | 7°12 | 17° 6 | M25 |
| T 26 | 12 14 55 | 5°33'29 | 8♑24 | 10°56 | 4°17 | 12°32 | 11°44 | 27°32 | 27°42 | 12°46 | 9°10 | 21°R11 | 22°47 | 7°18 | 17°10 | T 26 |
| W27 | 12 18 52 | 6°33'08 | 22°15 | 10° 8 | 5°30 | 13° 8 | 11°58 | 27°38 | 27°43 | 12°45 | 9°10 | 21°10 | 22°44 | 7°25 | 17°13 | W27 |
| T 28 | 12 22 48 | 7°32'45 | 6♒30 | 9°17 | 6°43 | 13°44 | 12°12 | 27°44 | 27°45 | 12°44 | 9°11 | 21° 7 | 22°41 | 7°32 | 17°17 | T 28 |
| F 29 | 12 26 45 | 8°32'20 | 21° 7 | 8°24 | 7°56 | 14°20 | 12°25 | 27°50 | 27°47 | 12°44 | 9°11 | 21° 2 | 22°38 | 7°39 | 17°21 | F 29 |
| S 30 | 12 30 41 | 9°31'54 | 6♓ 2 | 7°31 | 9° 9 | 14°56 | 12°39 | 27°56 | 27°49 | 12°43 | 9°11 | 20°56 | 22°35 | 7°45 | 17°24 | S 30 |
| S 31 | 12 34 38 | 10♈31'26 | 21♓ 6 | 6♈37 | 10♉22 | 15♑33 | 12♓53 | 28♉ 2 | 27♑50 | 12♘42 | 9♋11 | 20♉49 | 22♉32 | 7♍52 | 17♈28 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 7s36 | 21s49 | 4s56 | 3s18 | 0s37 | 0n21 | 1s 8 | 23s16 | 0n 5 | 10s 7 | 0s49 | 17n10 | 2s 0 | 21s14 | 0s28 | 16n44 | 0s 4 | 18n19 | 4s45 | 18n33 | 18n46 | 14n33 | 7n37 | 1n33 |
| S 2 | 7 13 | 17 1 | 5 1 | 2 26 | 0 27 | 0 52 | 1 6 | 23 18 | 0 4 | 10 2 | 0 49 | 17 11 | 2 0 | 21 13 | 0 28 | 16 44 | 0 4 | 18 20 | 4 45 | 18 30 | 18 45 | 14 30 | 7 38 | 1 33 |
| S 3 | 6 50 | 11 6 | 4 44 | 1 34 | 0 15 | 1 23 | 1 5 | 23 19 | 0 3 | 9 57 | 0 49 | 17 12 | 2 0 | 21 13 | 0 28 | 16 45 | 0 4 | 18 20 | 4 45 | 18 27 | 18 44 | 14 27 | 7 39 | 1 33 |
| M 4 | 6 27 | 4 31 | 4 6 | 0 42 | 0 3 | 1 54 | 1 3 | 23 21 | 0 3 | 9 51 | 0 50 | 17 13 | 1 59 | 21 12 | 0 28 | 16 45 | 0 4 | 18 20 | 4 45 | 18 25 | 18 43 | 14 25 | 7 40 | 1 33 |
| T 5 | 6 4 | 2n13 | 3 13 | 0n 9 | 0n 9 | 2 25 | 1 1 | 23 22 | 0 2 | 9 46 | 0 50 | 17 14 | 1 59 | 21 12 | 0 28 | 16 46 | 0 4 | 18 20 | 4 45 | 18 23 | 18 42 | 14 22 | 7 41 | 1 33 |
| W 6 | 5 41 | 8 41 | 2 7 | 0 59 | 0 22 | 2 56 | 0 59 | 23 23 | 0 1 | 9 41 | 0 50 | 17 15 | 1 59 | 21 11 | 0 28 | 16 46 | 0 4 | 18 20 | 4 44 | 18 22 | 18 42 | 14 20 | 7 42 | 1 33 |
| T 7 | 5 17 | 14 30 | 0 56 | 1 49 | 0 35 | 3 27 | 0 57 | 23 24 | 0s 0 | 9 36 | 0 50 | 17 17 | 1 59 | 21 11 | 0 28 | 16 47 | 0 4 | 18 20 | 4 44 | 18 21 | 18 41 | 14 17 | 7 43 | 1 33 |
| F 8 | 4 54 | 19 24 | 0n17 | 2 36 | 0 49 | 3 58 | 0 54 | 23 24 | 0 1 | 9 30 | 0 50 | 17 18 | 1 58 | 21 10 | 0 28 | 16 47 | 0 4 | 18 21 | 4 44 | 18 21 | 18 40 | 14 14 | 7 45 | 1 33 |
| S 9 | 4 30 | 23 9 | 1 26 | 3 22 | 1 2 | 4 29 | 0 52 | 23 25 | 0 3 | 9 25 | 0 50 | 17 19 | 1 58 | 21 10 | 0 28 | 16 47 | 0 4 | 18 21 | 4 44 | 18 21 | 18 39 | 14 12 | 7 46 | 1 32 |
| S 10 | 4 7 | 25 36 | 2 29 | 4 6 | 1 16 | 4 59 | 0 50 | 23 25 | 0 4 | 9 20 | 0 50 | 17 21 | 1 58 | 21 9 | 0 28 | 16 48 | 0 4 | 18 21 | 4 44 | 18 21 | 18 39 | 14 9 | 7 47 | 1 32 |
| M11 | 3 43 | 26 42 | 3 23 | 4 48 | 1 30 | 5 30 | 0 48 | 23 25 | 0 5 | 9 15 | 0 50 | 17 22 | 1 58 | 21 9 | 0 28 | 16 48 | 0 4 | 18 21 | 4 44 | 18 21 | 18 38 | 14 6 | 7 48 | 1 32 |
| T 12 | 3 20 | 26 28 | 4 6 | 5 26 | 1 44 | 6 0 | 0 45 | 23 25 | 0 6 | 9 9 | 0 50 | 17 23 | 1 57 | 21 8 | 0 28 | 16 48 | 0 4 | 18 21 | 4 43 | 18 20 | 18 37 | 14 4 | 7 49 | 1 32 |
| W13 | 2 56 | 24 58 | 4 38 | 6 2 | 1 58 | 6 31 | 0 43 | 23 25 | 0 7 | 9 4 | 0 50 | 17 24 | 1 57 | 21 8 | 0 28 | 16 49 | 0 4 | 18 21 | 4 43 | 18 19 | 18 36 | 14 1 | 7 51 | 1 32 |
| T 14 | 2 32 | 22 22 | 4 58 | 6 34 | 2 11 | 7 1 | 0 41 | 23 25 | 0 8 | 8 59 | 0 50 | 17 26 | 1 57 | 21 7 | 0 28 | 16 49 | 0 4 | 18 22 | 4 43 | 18 17 | 18 35 | 13 58 | 7 52 | 1 32 |
| F 15 | 2 9 | 18 51 | 5 4 | 7 3 | 2 24 | 7 31 | 0 38 | 23 25 | 0 9 | 8 54 | 0 51 | 17 27 | 1 57 | 21 7 | 0 28 | 16 49 | 0 4 | 18 22 | 4 43 | 18 14 | 18 35 | 13 56 | 7 53 | 1 32 |
| S 16 | 1 45 | 14 35 | 4 57 | 7 27 | 2 36 | 8 1 | 0 36 | 23 24 | 0 10 | 8 48 | 0 51 | 17 28 | 1 56 | 21 7 | 0 28 | 16 50 | 0 4 | 18 22 | 4 43 | 18 11 | 18 34 | 13 53 | 7 54 | 1 32 |
| S 17 | 1 21 | 9 47 | 4 37 | 7 48 | 2 47 | 8 30 | 0 33 | 23 23 | 0 11 | 8 43 | 0 51 | 17 30 | 1 56 | 21 6 | 0 28 | 16 50 | 0 4 | 18 22 | 4 43 | 18 8 | 18 33 | 13 50 | 7 56 | 1 32 |
| M18 | 0 57 | 4 35 | 4 6 | 8 4 | 2 58 | 9 0 | 0 30 | 23 22 | 0 12 | 8 38 | 0 51 | 17 31 | 1 56 | 21 6 | 0 29 | 16 50 | 0 4 | 18 22 | 4 43 | 18 6 | 18 32 | 13 48 | 7 57 | 1 31 |
| T 19 | 0 34 | 0s48 | 3 23 | 8 16 | 3 7 | 9 29 | 0 28 | 23 21 | 0 14 | 8 33 | 0 51 | 17 33 | 1 56 | 21 5 | 0 29 | 16 51 | 0 4 | 18 23 | 4 42 | 18 3 | 18 31 | 13 45 | 7 58 | 1 31 |
| W20 | 0 10 | 6 13 | 2 30 | 8 23 | 3 15 | 9 58 | 0 25 | 23 20 | 0 15 | 8 28 | 0 51 | 17 34 | 1 55 | 21 5 | 0 29 | 16 51 | 0 4 | 18 23 | 4 42 | 18 2 | 18 31 | 13 42 | 8 0 | 1 31 |
| T 21 | 0n14 | 11 28 | 1 30 | 8 25 | 3 21 | 10 27 | 0 22 | 23 19 | 0 16 | 8 22 | 0 51 | 17 36 | 1 55 | 21 5 | 0 29 | 16 51 | 0 4 | 18 23 | 4 42 | 18 1 | 18 30 | 13 39 | 8 1 | 1 31 |
| F 22 | 0 38 | 16 20 | 0 25 | 8 23 | 3 26 | 10 56 | 0 20 | 23 17 | 0 17 | 8 17 | 0 51 | 17 37 | 1 55 | 21 4 | 0 29 | 16 52 | 0 4 | 18 23 | 4 42 | 18 0 | 18 29 | 13 37 | 8 2 | 1 31 |
| S 23 | 1 1 | 20 36 | 0s43 | 8 16 | 3 30 | 11 24 | 0 17 | 23 16 | 0 19 | 8 12 | 0 51 | 17 38 | 1 55 | 21 4 | 0 29 | 16 52 | 0 4 | 18 23 | 4 42 | 18 0 | 18 28 | 13 34 | 8 3 | 1 31 |
| S 24 | 1 25 | 23 58 | 1 49 | 8 5 | 3 31 | 11 52 | 0 14 | 23 14 | 0 20 | 8 7 | 0 51 | 17 40 | 1 55 | 21 4 | 0 29 | 16 52 | 0 4 | 18 23 | 4 42 | 18 0 | 18 27 | 13 31 | 8 5 | 1 31 |
| M25 | 1 49 | 26 10 | 2 52 | 7 50 | 3 31 | 12 20 | 0 11 | 23 12 | 0 21 | 8 2 | 0 52 | 17 41 | 1 54 | 21 3 | 0 29 | 16 53 | 0 4 | 18 24 | 4 41 | 18 1 | 18 27 | 13 29 | 8 6 | 1 31 |
| T 26 | 2 12 | 26 54 | 3 47 | 7 31 | 3 28 | 12 47 | 0 8 | 23 10 | 0 22 | 7 57 | 0 52 | 17 43 | 1 54 | 21 3 | 0 29 | 16 53 | 0 4 | 18 24 | 4 41 | 18 1 | 18 26 | 13 26 | 8 7 | 1 31 |
| W27 | 2 36 | 26 0 | 4 31 | 7 8 | 3 24 | 13 15 | 0 5 | 23 8 | 0 24 | 7 51 | 0 52 | 17 44 | 1 54 | 21 2 | 0 29 | 16 53 | 0 4 | 18 24 | 4 41 | 18 1 | 18 25 | 13 23 | 8 9 | 1 31 |
| T 28 | 2 59 | 23 26 | 4 59 | 6 42 | 3 18 | 13 41 | 0 2 | 23 6 | 0 25 | 7 46 | 0 52 | 17 46 | 1 54 | 21 2 | 0 29 | 16 53 | 0 4 | 18 24 | 4 41 | 18 0 | 18 24 | 13 20 | 8 10 | 1 30 |
| F 29 | 3 23 | 19 18 | 5 9 | 6 14 | 3 10 | 14 8 | 0n 0 | 23 3 | 0 26 | 7 41 | 0 52 | 17 47 | 1 54 | 21 2 | 0 29 | 16 54 | 0 4 | 18 24 | 4 41 | 17 59 | 18 23 | 13 18 | 8 11 | 1 30 |
| S 30 | 3 46 | 13 54 | 4 58 | 5 44 | 3 1 | 14 34 | 0 3 | 23 1 | 0 28 | 7 36 | 0 52 | 17 49 | 1 53 | 21 2 | 0 29 | 16 54 | 0 4 | 18 24 | 4 41 | 17 57 | 18 23 | 13 15 | 8 13 | 1 30 |
| S 31 | 4n 9 | 7s37 | 4s27 | 5n13 | 2n50 | 15n 0 | 0n 6 | 22s58 | 0s29 | 7s31 | 0s52 | 17n50 | 1s53 | 21s 1 | 0s29 | 16n54 | 0s 4 | 18n24 | 4s40 | 17n55 | 18n22 | 13n12 | 8n14 | 1n30 |

Julian Day Number = 2602449.5, Delta T = 09m16s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'00, Lahiri = 29°38'01


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## APRIL 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 38 35 | 11♈30'56 | 6♈12 | 5°R45 | 11♉35 | 16♊ 9 | 13♓ 6 | 28♉ 8 | 27♊52 | 12°R41 | 9♋11 | 20°R44 | 22♉28 | 7♍59 | 17♈32 | M 1 |
| T 2 | 12 42 31 | 12°30'23 | 21° 8 | 4♈55 | 12°48 | 16°45 | 13°20 | 28°14 | 27°53 | 12♌41 | 9°11 | 20♉39 | 22°25 | 8° 5 | 17°35 | T 2 |
| W 3 | 12 46 28 | 13°29'49 | 5♉47 | 4° 8 | 14° 1 | 17°20 | 13°33 | 28°20 | 27°55 | 12°40 | 9°12 | 20°37 | 22°22 | 8°12 | 17°39 | W 3 |
| T 4 | 12 50 24 | 14°29'13 | 20° 2 | 3°25 | 15°14 | 17°56 | 13°47 | 28°27 | 27°56 | 12°39 | 9°12 | 20°D36 | 22°19 | 8°19 | 17°43 | T 4 |
| F 5 | 12 54 21 | 15°28'34 | 3♊50 | 2°47 | 16°27 | 18°32 | 14° 0 | 28°33 | 27°58 | 12°39 | 9°12 | 20°36 | 22°16 | 8°26 | 17°47 | F 5 |
| S 6 | 12 58 17 | 16°27'54 | 17°11 | 2°13 | 17°39 | 19° 8 | 14°13 | 28°39 | 27°59 | 12°38 | 9°13 | 20°38 | 22°12 | 8°32 | 17°50 | S 6 |
| S 7 | 13 2 14 | 17°27'11 | 0♋ 7 | 1°45 | 18°52 | 19°43 | 14°27 | 28°46 | 28° 0 | 12°38 | 9°13 | 20°39 | 22° 9 | 8°39 | 17°54 | S 7 |
| M 8 | 13 6 10 | 18°26'26 | 12°41 | 1°22 | 20° 4 | 20°19 | 14°40 | 28°52 | 28° 2 | 12°37 | 9°13 | 20°R40 | 22° 6 | 8°46 | 17°58 | M 8 |
| T 9 | 13 10 7 | 19°25'38 | 24°58 | 1° 5 | 21°17 | 20°54 | 14°53 | 28°59 | 28° 3 | 12°37 | 9°14 | 20°40 | 22° 3 | 8°52 | 18° 1 | T 9 |
| W10 | 13 14 4 | 20°24'48 | 7♌ 2 | 0°54 | 22°29 | 21°30 | 15° 6 | 29° 5 | 28° 4 | 12°36 | 9°14 | 20°39 | 22° 0 | 8°59 | 18° 5 | W10 |
| T 11 | 13 18 0 | 21°23'56 | 18°58 | 0°48 | 23°42 | 22° 5 | 15°19 | 29°12 | 28° 5 | 12°36 | 9°14 | 20°36 | 21°57 | 9° 6 | 18° 9 | T 11 |
| F 12 | 13 21 57 | 22°23'02 | 0♍50 | 0°D47 | 24°54 | 22°40 | 15°32 | 29°19 | 28° 6 | 12°35 | 9°15 | 20°33 | 21°53 | 9°13 | 18°13 | F 12 |
| S 13 | 13 25 53 | 23°22'05 | 12°41 | 0°53 | 26° 6 | 23°15 | 15°45 | 29°26 | 28° 7 | 12°35 | 9°15 | 20°28 | 21°50 | 9°19 | 18°16 | S 13 |
| S 14 | 13 29 50 | 24°21'06 | 24°36 | 1° 3 | 27°18 | 23°50 | 15°58 | 29°32 | 28° 8 | 12°35 | 9°16 | 20°23 | 21°47 | 9°26 | 18°20 | S 14 |
| M15 | 13 33 46 | 25°20'05 | 6♎36 | 1°18 | 28°30 | 24°25 | 16°11 | 29°39 | 28° 9 | 12°34 | 9°16 | 20°19 | 21°44 | 9°33 | 18°24 | M15 |
| T 16 | 13 37 43 | 26°19'02 | 18°43 | 1°39 | 29°42 | 25° 0 | 16°23 | 29°46 | 28°10 | 12°34 | 9°17 | 20°16 | 21°41 | 9°39 | 18°27 | T 16 |
| W17 | 13 41 39 | 27°17'56 | 0♏59 | 2° 4 | 0♊54 | 25°35 | 16°36 | 29°53 | 28°11 | 12°34 | 9°17 | 20°13 | 21°38 | 9°46 | 18°31 | W17 |
| T 18 | 13 45 36 | 28°16'49 | 13°25 | 2°33 | 2° 6 | 26°10 | 16°49 | 0♊ 0 | 28°11 | 12°34 | 9°18 | 20°12 | 21°34 | 9°53 | 18°35 | T 18 |
| F 19 | 13 49 33 | 29°15'40 | 26° 3 | 3° 7 | 3°18 | 26°44 | 17° 1 | 0° 7 | 28°12 | 12°34 | 9°19 | 20°D12 | 21°31 | 10° 0 | 18°38 | F 19 |
| S 20 | 13 53 29 | 0♉14'30 | 8♐53 | 3°44 | 4°29 | 27°19 | 17°14 | 0°14 | 28°13 | 12°34 | 9°19 | 20°13 | 21°28 | 10° 6 | 18°42 | S 20 |
| S 21 | 13 57 26 | 1°13'17 | 21°56 | 4°26 | 5°41 | 27°53 | 17°26 | 0°21 | 28°13 | 12°34 | 9°20 | 20°14 | 21°25 | 10°13 | 18°46 | S 21 |
| M22 | 14 1 22 | 2°12'03 | 5♑14 | 5°11 | 6°52 | 28°28 | 17°38 | 0°28 | 28°14 | 12°33 | 9°20 | 20°15 | 21°22 | 10°20 | 18°49 | M22 |
| T 23 | 14 5 19 | 3°10'47 | 18°48 | 6° 0 | 8° 4 | 29° 2 | 17°50 | 0°36 | 28°14 | 12°D33 | 9°21 | 20°17 | 21°18 | 10°26 | 18°53 | T 23 |
| W24 | 14 9 15 | 4° 9'29 | 2♒38 | 6°51 | 9°15 | 29°36 | 18° 3 | 0°43 | 28°15 | 12°33 | 9°22 | 20°R17 | 21°15 | 10°33 | 18°57 | W24 |
| T 25 | 14 13 12 | 5° 8'10 | 16°44 | 7°46 | 10°27 | 0♒10 | 18°15 | 0°50 | 28°15 | 12°34 | 9°23 | 20°17 | 21°12 | 10°40 | 19° 0 | T 25 |
| F 26 | 14 17 8 | 6° 6'49 | 1♓ 4 | 8°45 | 11°38 | 0°44 | 18°27 | 0°57 | 28°16 | 12°34 | 9°23 | 20°16 | 21° 9 | 10°47 | 19° 4 | F 26 |
| S 27 | 14 21 5 | 7° 5'26 | 15°37 | 9°45 | 12°49 | 1°18 | 18°38 | 1° 5 | 28°16 | 12°34 | 9°24 | 20°14 | 21° 6 | 10°53 | 19° 7 | S 27 |
| S 28 | 14 25 2 | 8° 4'02 | 0♈16 | 10°49 | 14° 0 | 1°52 | 18°50 | 1°12 | 28°16 | 12°34 | 9°25 | 20°13 | 21° 3 | 11° 0 | 19°11 | S 28 |
| M29 | 14 28 58 | 9° 2'36 | 14°56 | 11°55 | 15°11 | 2°25 | 19° 2 | 1°19 | 28°16 | 12°34 | 9°26 | 20°11 | 20°59 | 11° 7 | 19°15 | M29 |
| T 30 | 14 32 55 | 10♉ 1'08 | 29♈31 | 13♈ 4 | 16♊22 | 2♒59 | 19♓14 | 1♊27 | 28♊16 | 12♌34 | 9♋26 | 20♉10 | 20♉56 | 11♍13 | 19♈18 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n33 | 0s52 | 3s37 | 4n41 | 2n37 | 15n26 | 0n 9 | 22s55 | 0s30 | 7s26 | 0s52 | 17n52 | 1s53 | 21s 1 | 0s29 | 16n54 | 0s 4 | 18n25 | 4s40 | 17n54 | 18n21 | 13n 9 | 8n15 | 1n30 |
| T 2 | 4 56 | 5n52 | 2 33 | 4 9 | 2 24 | 15 51 | 0 13 | 22 52 | 0 32 | 7 21 | 0 53 | 17 53 | 1 53 | 21 1 | 0 29 | 16 54 | 0 4 | 18 25 | 4 40 | 17 53 | 18 20 | 13 7 | 8 17 | 1 30 |
| W 3 | 5 19 | 12 10 | 1 20 | 3 37 | 2 9 | 16 16 | 0 16 | 22 49 | 0 33 | 7 16 | 0 53 | 17 55 | 1 53 | 21 0 | 0 29 | 16 55 | 0 4 | 18 25 | 4 40 | 17 52 | 18 19 | 13 4 | 8 18 | 1 30 |
| T 4 | 5 42 | 17 40 | 0 3 | 3 6 | 1 54 | 16 40 | 0 19 | 22 46 | 0 35 | 7 11 | 0 53 | 17 57 | 1 52 | 21 0 | 0 29 | 16 55 | 0 4 | 18 25 | 4 40 | 17 52 | 18 18 | 13 1 | 8 19 | 1 30 |
| F 5 | 6 5 | 22 2 | 1n12 | 2 37 | 1 39 | 17 4 | 0 22 | 22 42 | 0 36 | 7 6 | 0 53 | 17 58 | 1 52 | 21 0 | 0 29 | 16 55 | 0 4 | 18 25 | 4 40 | 17 52 | 18 18 | 12 58 | 8 21 | 1 30 |
| S 6 | 6 28 | 25 5 | 2 20 | 2 9 | 1 23 | 17 27 | 0 25 | 22 39 | 0 38 | 7 1 | 0 53 | 18 0 | 1 52 | 21 0 | 0 29 | 16 55 | 0 4 | 18 25 | 4 39 | 17 52 | 18 17 | 12 56 | 8 22 | 1 30 |
| S 7 | 6 50 | 26 42 | 3 19 | 1 43 | 1 7 | 17 50 | 0 28 | 22 35 | 0 39 | 6 56 | 0 53 | 18 1 | 1 52 | 20 59 | 0 29 | 16 55 | 0 4 | 18 25 | 4 39 | 17 53 | 18 16 | 12 53 | 8 23 | 1 30 |
| M 8 | 7 13 | 26 52 | 4 7 | 1 19 | 0 51 | 18 13 | 0 31 | 22 32 | 0 41 | 6 51 | 0 53 | 18 3 | 1 52 | 20 59 | 0 29 | 16 56 | 0 4 | 18 26 | 4 39 | 17 53 | 18 15 | 12 50 | 8 25 | 1 30 |
| T 9 | 7 35 | 25 42 | 4 42 | 0 58 | 0 35 | 18 35 | 0 34 | 22 28 | 0 42 | 6 46 | 0 53 | 18 4 | 1 51 | 20 59 | 0 29 | 16 56 | 0 4 | 18 26 | 4 39 | 17 53 | 18 14 | 12 47 | 8 26 | 1 30 |
| W10 | 7 57 | 23 22 | 5 4 | 0 39 | 0 20 | 18 57 | 0 37 | 22 24 | 0 44 | 6 41 | 0 54 | 18 6 | 1 51 | 20 59 | 0 29 | 16 56 | 0 4 | 18 26 | 4 39 | 17 53 | 18 14 | 12 45 | 8 27 | 1 29 |
| T 11 | 8 20 | 20 3 | 5 12 | 0 23 | 0 5 | 19 18 | 0 40 | 22 20 | 0 45 | 6 36 | 0 54 | 18 8 | 1 51 | 20 59 | 0 29 | 16 56 | 0 4 | 18 26 | 4 39 | 17 52 | 18 13 | 12 42 | 8 29 | 1 29 |
| F 12 | 8 42 | 15 57 | 5 8 | 0 10 | 0s10 | 19 39 | 0 43 | 22 15 | 0 47 | 6 31 | 0 54 | 18 9 | 1 51 | 20 58 | 0 29 | 16 56 | 0 4 | 18 26 | 4 38 | 17 51 | 18 12 | 12 39 | 8 30 | 1 29 |
| S 13 | 9 4 | 11 14 | 4 50 | 0s 1 | 0 24 | 19 59 | 0 46 | 22 11 | 0 49 | 6 26 | 0 54 | 18 11 | 1 51 | 20 58 | 0 29 | 16 56 | 0 4 | 18 26 | 4 38 | 17 50 | 18 11 | 12 36 | 8 31 | 1 29 |
| S 14 | 9 25 | 6 6 | 4 19 | 0 10 | 0 38 | 20 19 | 0 49 | 22 7 | 0 50 | 6 21 | 0 54 | 18 12 | 1 51 | 20 58 | 0 29 | 16 56 | 0 4 | 18 26 | 4 38 | 17 48 | 18 10 | 12 33 | 8 33 | 1 29 |
| M15 | 9 47 | 0 42 | 3 37 | 0 16 | 0 51 | 20 38 | 0 52 | 22 2 | 0 52 | 6 17 | 0 54 | 18 14 | 1 50 | 20 58 | 0 29 | 16 56 | 0 4 | 18 26 | 4 38 | 17 47 | 18 10 | 12 31 | 8 34 | 1 29 |
| T 16 | 10 8 | 4s47 | 2 44 | 0 19 | 1 3 | 20 57 | 0 55 | 21 58 | 0 54 | 6 12 | 0 54 | 18 16 | 1 50 | 20 58 | 0 29 | 16 56 | 0 4 | 18 27 | 4 38 | 17 46 | 18 9 | 12 28 | 8 36 | 1 29 |
| W17 | 10 29 | 10 10 | 1 44 | 0 20 | 1 15 | 21 15 | 0 58 | 21 53 | 0 55 | 6 7 | 0 55 | 18 17 | 1 50 | 20 58 | 0 29 | 16 56 | 0 4 | 18 27 | 4 38 | 17 46 | 18 8 | 12 25 | 8 37 | 1 29 |
| T 18 | 10 50 | 15 15 | 0 37 | 0 18 | 1 26 | 21 32 | 1 1 | 21 48 | 0 57 | 6 2 | 0 55 | 18 19 | 1 50 | 20 58 | 0 29 | 16 57 | 0 4 | 18 27 | 4 38 | 17 45 | 18 7 | 12 22 | 8 38 | 1 29 |
| F 19 | 11 11 | 19 45 | 0s32 | 0 14 | 1 36 | 21 49 | 1 4 | 21 43 | 0 59 | 5 58 | 0 55 | 18 20 | 1 50 | 20 57 | 0 30 | 16 57 | 0 4 | 18 27 | 4 37 | 17 45 | 18 6 | 12 19 | 8 40 | 1 29 |
| S 20 | 11 32 | 23 24 | 1 41 | 0 8 | 1 46 | 22 6 | 1 7 | 21 38 | 1 0 | 5 53 | 0 55 | 18 22 | 1 50 | 20 57 | 0 30 | 16 57 | 0 4 | 18 27 | 4 37 | 17 46 | 18 5 | 12 17 | 8 41 | 1 29 |
| S 21 | 11 52 | 25 54 | 2 46 | 0 0 | 1 55 | 22 22 | 1 10 | 21 33 | 1 2 | 5 48 | 0 55 | 18 24 | 1 50 | 20 57 | 0 30 | 16 57 | 0 4 | 18 27 | 4 37 | 17 46 | 18 5 | 12 14 | 8 42 | 1 29 |
| M22 | 12 13 | 27 0 | 3 43 | 0n10 | 2 3 | 22 37 | 1 13 | 21 28 | 1 4 | 5 44 | 0 55 | 18 25 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 27 | 4 37 | 17 46 | 18 4 | 12 11 | 8 44 | 1 29 |
| T 23 | 12 33 | 26 31 | 4 30 | 0 22 | 2 11 | 22 51 | 1 16 | 21 23 | 1 6 | 5 39 | 0 56 | 18 27 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 27 | 4 37 | 17 47 | 18 3 | 12 8 | 8 45 | 1 29 |
| W24 | 12 53 | 24 25 | 5 1 | 0 36 | 2 18 | 23 6 | 1 19 | 21 18 | 1 8 | 5 34 | 0 56 | 18 29 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 27 | 4 37 | 17 47 | 18 2 | 12 5 | 8 46 | 1 29 |
| T 25 | 13 12 | 20 48 | 5 15 | 0 52 | 2 24 | 23 19 | 1 22 | 21 12 | 1 10 | 5 30 | 0 56 | 18 30 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 28 | 4 37 | 17 47 | 18 1 | 12 2 | 8 48 | 1 29 |
| F 26 | 13 32 | 15 54 | 5 10 | 1 9 | 2 30 | 23 32 | 1 25 | 21 7 | 1 12 | 5 25 | 0 56 | 18 32 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 28 | 4 36 | 17 46 | 18 0 | 12 0 | 8 49 | 1 29 |
| S 27 | 13 51 | 10 3 | 4 46 | 1 29 | 2 35 | 23 44 | 1 27 | 21 1 | 1 13 | 5 21 | 0 56 | 18 33 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 28 | 4 36 | 17 46 | 18 0 | 11 57 | 8 50 | 1 28 |
| S 28 | 14 10 | 3 36 | 4 2 | 1 49 | 2 40 | 23 55 | 1 30 | 20 56 | 1 15 | 5 16 | 0 56 | 18 35 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 28 | 4 36 | 17 46 | 17 59 | 11 54 | 8 52 | 1 28 |
| M29 | 14 29 | 3n 4 | 3 3 | 2 12 | 2 43 | 24 6 | 1 33 | 20 50 | 1 17 | 5 12 | 0 57 | 18 37 | 1 49 | 20 57 | 0 30 | 16 57 | 0 3 | 18 28 | 4 36 | 17 45 | 17 58 | 11 51 | 8 53 | 1 28 |
| T 30 | 14n47 | 9n32 | 1s52 | 2n36 | 2s46 | 24n16 | 1n35 | 20s44 | 1s19 | 5s 8 | 0s57 | 18n38 | 1s48 | 20s57 | 0s30 | 16n57 | 0s 3 | 18n28 | 4s36 | 17n45 | 17n57 | 11n48 | 8n54 | 1n28 |

Julian Day Number = 2602480.5, Delta T = 09m17s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'04, Lahiri = 29°38'05


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## MAY 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 36 51 | 10♉59'38 | 13♉54 | 14♈15 | 17♊33 | 3♒32 | 19♓25 | 1♊34 | 28♑17 | 12♎35 | 9♋27 | 20°D10 | 20♉53 | 11♍20 | 19♈22 | W 1 |
| T 2 | 14 40 48 | 11°58'07 | 27°59 | 15°29 | 18°43 | 4° 5 | 19°37 | 1°42 | 28°R17 | 12°35 | 9°28 | 20♉10 | 20°50 | 11°27 | 19°25 | T 2 |
| F 3 | 14 44 44 | 12°56'34 | 11♊44 | 16°45 | 19°54 | 4°38 | 19°48 | 1°49 | 28°17 | 12°35 | 9°29 | 20°10 | 20°47 | 11°34 | 19°29 | F 3 |
| S 4 | 14 48 41 | 13°54'59 | 25° 6 | 18° 3 | 21° 4 | 5°11 | 19°59 | 1°57 | 28°17 | 12°36 | 9°30 | 20°11 | 20°44 | 11°40 | 19°32 | S 4 |
| S 5 | 14 52 37 | 14°53'21 | 8♋ 5 | 19°23 | 22°15 | 5°44 | 20°10 | 2° 4 | 28°16 | 12°36 | 9°31 | 20°12 | 20°40 | 11°47 | 19°35 | S 5 |
| M 6 | 14 56 34 | 15°51'42 | 20°43 | 20°46 | 23°25 | 6°16 | 20°22 | 2°12 | 28°16 | 12°36 | 9°32 | 20°12 | 20°37 | 11°54 | 19°39 | M 6 |
| T 7 | 15 0 31 | 16°50'01 | 3♌ 4 | 22°10 | 24°35 | 6°49 | 20°33 | 2°19 | 28°16 | 12°37 | 9°33 | 20°12 | 20°34 | 12° 0 | 19°42 | T 7 |
| W 8 | 15 4 27 | 17°48'18 | 15°11 | 23°37 | 25°46 | 7°21 | 20°43 | 2°27 | 28°16 | 12°37 | 9°34 | 20°R12 | 20°31 | 12° 7 | 19°46 | W 8 |
| T 9 | 15 8 24 | 18°46'32 | 27° 8 | 25° 5 | 26°56 | 7°53 | 20°54 | 2°35 | 28°15 | 12°38 | 9°35 | 20°12 | 20°28 | 12°14 | 19°49 | T 9 |
| F 10 | 15 12 20 | 19°44'45 | 9♍ 1 | 26°36 | 28° 5 | 8°25 | 21° 5 | 2°42 | 28°15 | 12°38 | 9°36 | 20°D12 | 20°24 | 12°21 | 19°52 | F 10 |
| S 11 | 15 16 17 | 20°42'55 | 20°54 | 28° 9 | 29°15 | 8°57 | 21°15 | 2°50 | 28°15 | 12°39 | 9°37 | 20°12 | 20°21 | 12°27 | 19°56 | S 11 |
| S 12 | 15 20 13 | 21°41'04 | 2♎50 | 29°43 | 0♋25 | 9°29 | 21°26 | 2°58 | 28°14 | 12°40 | 9°38 | 20°13 | 20°18 | 12°34 | 19°59 | S 12 |
| M13 | 15 24 10 | 22°39'11 | 14°54 | 1♉19 | 1°35 | 10° 0 | 21°36 | 3° 5 | 28°14 | 12°40 | 9°39 | 20°13 | 20°15 | 12°41 | 20° 2 | M13 |
| T 14 | 15 28 6 | 23°37'16 | 27° 9 | 2°58 | 2°44 | 10°31 | 21°46 | 3°13 | 28°13 | 12°41 | 9°40 | 20°13 | 20°12 | 12°47 | 20° 5 | T 14 |
| W15 | 15 32 3 | 24°35'19 | 9♏37 | 4°38 | 3°53 | 11° 2 | 21°57 | 3°21 | 28°13 | 12°42 | 9°41 | 20°13 | 20° 9 | 12°54 | 20° 9 | W15 |
| T 16 | 15 36 0 | 25°33'20 | 22°20 | 6°20 | 5° 3 | 11°33 | 22° 7 | 3°28 | 28°12 | 12°42 | 9°42 | 20°R13 | 20° 5 | 13° 1 | 20°12 | T 16 |
| F 17 | 15 39 56 | 26°31'20 | 5♐17 | 8° 5 | 6°12 | 12° 4 | 22°17 | 3°36 | 28°11 | 12°43 | 9°43 | 20°13 | 20° 2 | 13° 8 | 20°15 | F 17 |
| S 18 | 15 43 53 | 27°29'19 | 18°30 | 9°51 | 7°21 | 12°35 | 22°26 | 3°44 | 28°10 | 12°44 | 9°44 | 20°13 | 19°59 | 13°14 | 20°18 | S 18 |
| S 19 | 15 47 49 | 28°27'16 | 1♑58 | 11°39 | 8°30 | 13° 5 | 22°36 | 3°51 | 28°10 | 12°45 | 9°45 | 20°12 | 19°56 | 13°21 | 20°21 | S 19 |
| M20 | 15 51 46 | 29°25'12 | 15°38 | 13°29 | 9°38 | 13°35 | 22°46 | 3°59 | 28° 9 | 12°46 | 9°47 | 20°11 | 19°53 | 13°28 | 20°24 | M20 |
| T 21 | 15 55 42 | 0♊23'06 | 29°29 | 15°21 | 10°47 | 14° 5 | 22°55 | 4° 7 | 28° 8 | 12°46 | 9°48 | 20°10 | 19°50 | 13°34 | 20°27 | T 21 |
| W22 | 15 59 39 | 1°20'59 | 13♒30 | 17°15 | 11°55 | 14°35 | 23° 4 | 4°15 | 28° 7 | 12°47 | 9°49 | 20° 9 | 19°46 | 13°41 | 20°30 | W22 |
| T 23 | 16 3 35 | 2°18'51 | 27°38 | 19°11 | 13° 4 | 15° 4 | 23°14 | 4°23 | 28° 6 | 12°48 | 9°50 | 20°D 8 | 19°43 | 13°48 | 20°33 | T 23 |
| F 24 | 16 7 32 | 3°16'42 | 11♓52 | 21° 9 | 14°12 | 15°34 | 23°23 | 4°30 | 28° 5 | 12°49 | 9°51 | 20° 8 | 19°40 | 13°55 | 20°36 | F 24 |
| S 25 | 16 11 29 | 4°14'31 | 26° 7 | 23° 9 | 15°20 | 16° 3 | 23°32 | 4°38 | 28° 4 | 12°50 | 9°52 | 20° 9 | 19°37 | 14° 1 | 20°39 | S 25 |
| S 26 | 16 15 25 | 5°12'20 | 10♈23 | 25°10 | 16°28 | 16°32 | 23°41 | 4°46 | 28° 3 | 12°51 | 9°54 | 20°10 | 19°34 | 14° 8 | 20°42 | S 26 |
| M27 | 16 19 22 | 6°10'07 | 24°36 | 27°13 | 17°36 | 17° 0 | 23°49 | 4°54 | 28° 2 | 12°52 | 9°55 | 20°11 | 19°30 | 14°15 | 20°45 | M27 |
| T 28 | 16 23 18 | 7° 7'53 | 8♉43 | 29°18 | 18°43 | 17°28 | 23°58 | 5° 1 | 28° 1 | 12°54 | 9°56 | 20°12 | 19°27 | 14°21 | 20°48 | T 28 |
| W29 | 16 27 15 | 8° 5'38 | 22°41 | 1♊25 | 19°51 | 17°56 | 24° 6 | 5° 9 | 27°59 | 12°55 | 9°57 | 20°R12 | 19°24 | 14°28 | 20°51 | W29 |
| T 30 | 16 31 11 | 9° 3'22 | 6♊25 | 3°33 | 20°58 | 18°24 | 24°15 | 5°17 | 27°58 | 12°56 | 9°59 | 20°12 | 19°21 | 14°35 | 20°53 | T 30 |
| F 31 | 16 35 8 | 10♊ 1'05 | 19♊55 | 5♊42 | 22♋ 5 | 18♒52 | 24♓23 | 5♊25 | 27♑57 | 12♎57 | 10♋ 0 | 20♉10 | 19♉18 | 14♍42 | 20♈56 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n 6 | 15n25 | 0s35 | 3n 1 | 2s49 | 24n26 | 1n38 | 20s39 | 1s21 | 5s 3 | 0s57 | 18n40 | 1s48 | 20s57 | 0s30 | 16n57 | 0s 3 | 18n28 | 4s36 | 17n45 | 17n56 | 11n45 | 8n55 | 1n28 |
| T 2 | 15 24 | 20 22 | 0n43 | 3 27 | 2 51 | 24 35 | 1 41 | 20 33 | 1 24 | 4 59 | 0 57 | 18 41 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 28 | 4 35 | 17 45 | 17 55 | 11 42 | 8 57 | 1 28 |
| F 3 | 15 41 | 24 4 | 1 57 | 3 55 | 2 52 | 24 43 | 1 43 | 20 27 | 1 26 | 4 55 | 0 57 | 18 43 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 28 | 4 35 | 17 45 | 17 55 | 11 40 | 8 58 | 1 28 |
| S 4 | 15 59 | 26 19 | 3 2 | 4 24 | 2 53 | 24 51 | 1 46 | 20 21 | 1 28 | 4 50 | 0 58 | 18 45 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 28 | 4 35 | 17 45 | 17 54 | 11 37 | 8 59 | 1 28 |
| S 5 | 16 16 | 27 3 | 3 55 | 4 54 | 2 53 | 24 57 | 1 48 | 20 15 | 1 30 | 4 46 | 0 58 | 18 46 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 28 | 4 35 | 17 45 | 17 53 | 11 34 | 9 1 | 1 28 |
| M 6 | 16 33 | 26 20 | 4 36 | 5 25 | 2 53 | 25 4 | 1 50 | 20 9 | 1 32 | 4 42 | 0 58 | 18 48 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 28 | 4 35 | 17 45 | 17 52 | 11 31 | 9 2 | 1 28 |
| T 7 | 16 50 | 24 20 | 5 3 | 5 58 | 2 52 | 25 9 | 1 53 | 20 3 | 1 34 | 4 38 | 0 58 | 18 49 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 29 | 4 35 | 17 45 | 17 51 | 11 28 | 9 3 | 1 28 |
| W 8 | 17 6 | 21 16 | 5 16 | 6 31 | 2 50 | 25 14 | 1 55 | 19 57 | 1 36 | 4 34 | 0 58 | 18 51 | 1 48 | 20 57 | 0 30 | 16 56 | 0 3 | 18 29 | 4 35 | 17 45 | 17 50 | 11 25 | 9 4 | 1 28 |
| T 9 | 17 22 | 17 22 | 5 15 | 7 5 | 2 48 | 25 18 | 1 57 | 19 51 | 1 39 | 4 30 | 0 59 | 18 52 | 1 47 | 20 57 | 0 30 | 16 56 | 0 3 | 18 29 | 4 35 | 17 45 | 17 50 | 11 22 | 9 6 | 1 28 |
| F 10 | 17 38 | 12 48 | 5 0 | 7 40 | 2 45 | 25 22 | 1 59 | 19 45 | 1 41 | 4 26 | 0 59 | 18 54 | 1 47 | 20 58 | 0 30 | 16 56 | 0 3 | 18 29 | 4 34 | 17 45 | 17 49 | 11 20 | 9 7 | 1 28 |
| S 11 | 17 54 | 7 47 | 4 33 | 8 16 | 2 42 | 25 24 | 2 1 | 19 38 | 1 43 | 4 22 | 0 59 | 18 56 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 45 | 17 48 | 11 17 | 9 8 | 1 28 |
| S 12 | 18 9 | 2 27 | 3 53 | 8 53 | 2 38 | 25 26 | 2 3 | 19 32 | 1 46 | 4 18 | 0 59 | 18 57 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 46 | 17 47 | 11 14 | 9 9 | 1 28 |
| M13 | 18 24 | 3s 2 | 3 4 | 9 30 | 2 34 | 25 28 | 2 5 | 19 26 | 1 48 | 4 14 | 0 59 | 18 59 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 46 | 17 46 | 11 11 | 9 10 | 1 28 |
| T 14 | 18 38 | 8 30 | 2 4 | 10 8 | 2 29 | 25 28 | 2 7 | 19 20 | 1 50 | 4 10 | 1 0 | 19 0 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 46 | 17 45 | 11 8 | 9 12 | 1 28 |
| W15 | 18 53 | 13 44 | 0 58 | 10 47 | 2 24 | 25 28 | 2 9 | 19 14 | 1 53 | 4 6 | 1 0 | 19 2 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 46 | 17 44 | 11 5 | 9 13 | 1 28 |
| T 16 | 19 6 | 18 30 | 0s12 | 11 26 | 2 18 | 25 28 | 2 10 | 19 7 | 1 55 | 4 3 | 1 0 | 19 3 | 1 47 | 20 58 | 0 30 | 16 55 | 0 3 | 18 29 | 4 34 | 17 46 | 17 44 | 11 2 | 9 14 | 1 28 |
| F 17 | 19 20 | 22 29 | 1 23 | 12 6 | 2 11 | 25 26 | 2 12 | 19 1 | 1 58 | 3 59 | 1 0 | 19 5 | 1 47 | 20 59 | 0 30 | 16 54 | 0 3 | 18 29 | 4 33 | 17 46 | 17 43 | 10 59 | 9 15 | 1 28 |
| S 18 | 19 33 | 25 23 | 2 30 | 12 46 | 2 5 | 25 24 | 2 13 | 18 55 | 2 0 | 3 55 | 1 0 | 19 6 | 1 47 | 20 59 | 0 30 | 16 54 | 0 3 | 18 29 | 4 33 | 17 46 | 17 42 | 10 56 | 9 16 | 1 28 |
| S 19 | 19 46 | 26 53 | 3 31 | 13 26 | 1 57 | 25 21 | 2 15 | 18 49 | 2 3 | 3 52 | 1 1 | 19 8 | 1 47 | 20 59 | 0 30 | 16 54 | 0 3 | 18 29 | 4 33 | 17 45 | 17 41 | 10 53 | 9 17 | 1 28 |
| M20 | 19 59 | 26 47 | 4 21 | 14 7 | 1 50 | 25 18 | 2 16 | 18 43 | 2 5 | 3 48 | 1 1 | 19 9 | 1 47 | 20 59 | 0 31 | 16 54 | 0 3 | 18 29 | 4 33 | 17 45 | 17 40 | 10 50 | 9 19 | 1 28 |
| T 21 | 20 11 | 25 2 | 4 56 | 14 47 | 1 41 | 25 14 | 2 17 | 18 36 | 2 8 | 3 44 | 1 1 | 19 11 | 1 46 | 20 59 | 0 31 | 16 53 | 0 3 | 18 29 | 4 33 | 17 45 | 17 39 | 10 48 | 9 20 | 1 28 |
| W22 | 20 23 | 21 45 | 5 14 | 15 28 | 1 33 | 25 9 | 2 19 | 18 30 | 2 10 | 3 41 | 1 1 | 19 12 | 1 46 | 21 0 | 0 31 | 16 53 | 0 3 | 18 29 | 4 33 | 17 44 | 17 38 | 10 45 | 9 21 | 1 28 |
| T 23 | 20 35 | 17 10 | 5 13 | 16 8 | 1 24 | 25 4 | 2 20 | 18 24 | 2 13 | 3 38 | 1 2 | 19 14 | 1 46 | 21 0 | 0 31 | 16 53 | 0 3 | 18 29 | 4 33 | 17 44 | 17 38 | 10 42 | 9 22 | 1 28 |
| F 24 | 20 46 | 11 37 | 4 54 | 16 48 | 1 14 | 24 58 | 2 21 | 18 18 | 2 16 | 3 34 | 1 2 | 19 15 | 1 46 | 21 0 | 0 31 | 16 53 | 0 3 | 18 29 | 4 33 | 17 44 | 17 37 | 10 39 | 9 23 | 1 28 |
| S 25 | 20 57 | 5 27 | 4 16 | 17 28 | 1 5 | 24 51 | 2 22 | 18 12 | 2 19 | 3 31 | 1 2 | 19 17 | 1 46 | 21 0 | 0 31 | 16 52 | 0 3 | 18 29 | 4 33 | 17 45 | 17 36 | 10 36 | 9 24 | 1 28 |
| S 26 | 21 7 | 1n 0 | 3 23 | 18 8 | 0 55 | 24 44 | 2 22 | 18 6 | 2 21 | 3 28 | 1 2 | 19 18 | 1 46 | 21 0 | 0 31 | 16 52 | 0 3 | 18 29 | 4 32 | 17 45 | 17 35 | 10 33 | 9 25 | 1 28 |
| M27 | 21 17 | 7 24 | 2 17 | 18 46 | 0 45 | 24 36 | 2 23 | 18 0 | 2 24 | 3 24 | 1 2 | 19 20 | 1 46 | 21 1 | 0 31 | 16 52 | 0 3 | 18 29 | 4 32 | 17 45 | 17 34 | 10 30 | 9 26 | 1 28 |
| T 28 | 21 27 | 13 23 | 1 3 | 19 24 | 0 34 | 24 27 | 2 24 | 17 54 | 2 27 | 3 21 | 1 3 | 19 21 | 1 46 | 21 1 | 0 31 | 16 51 | 0 3 | 18 29 | 4 32 | 17 45 | 17 33 | 10 27 | 9 27 | 1 27 |
| W29 | 21 37 | 18 37 | 0n14 | 20 1 | 0 24 | 24 18 | 2 24 | 17 48 | 2 30 | 3 18 | 1 3 | 19 22 | 1 46 | 21 1 | 0 31 | 16 51 | 0 3 | 18 29 | 4 32 | 17 45 | 17 32 | 10 24 | 9 28 | 1 27 |
| T 30 | 21 46 | 22 47 | 1 28 | 20 36 | 0 13 | 24 8 | 2 25 | 17 42 | 2 33 | 3 15 | 1 3 | 19 24 | 1 46 | 21 2 | 0 31 | 16 51 | 0 3 | 18 30 | 4 32 | 17 45 | 17 32 | 10 21 | 9 29 | 1 27 |
| F 31 | 21n54 | 25n36 | 2n36 | 21n10 | 0s 3 | 23n58 | 2n25 | 17s36 | 2s36 | 3s12 | 1s 3 | 19n25 | 1s46 | 21s 2 | 0s31 | 16n51 | 0s 3 | 18n30 | 4s32 | 17n45 | 17n31 | 10n18 | 9n30 | 1n27 |

Julian Day Number = 2602510.5, Delta T = 09m17s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'08, Lahiri = 29°38'09


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## JUNE 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 39 4 | 10♊58'46 | 3♋ 7 | 7♊52 | 23♋12 | 19♒19 | 24♓31 | 5♊32 | 27°R55 | 12♌58 | 10♋ 1 | 20°R 7 | 19♉15 | 14♍48 | 20♈59 | S 1 |
| S 2 | 16 43 1 | 11°56'26 | 16° 1 | 10° 3 | 24°19 | 19°46 | 24°39 | 5°40 | 27♑54 | 13° 0 | 10° 3 | 20♉ 4 | 19°11 | 14°55 | 21° 1 | S 2 |
| M 3 | 16 46 58 | 12°54'05 | 28°37 | 12°15 | 25°26 | 20°12 | 24°46 | 5°48 | 27°52 | 13° 1 | 10° 4 | 20° 1 | 19° 8 | 15° 2 | 21° 4 | M 3 |
| T 4 | 16 50 54 | 13°51'42 | 10♌58 | 14°27 | 26°32 | 20°38 | 24°54 | 5°56 | 27°51 | 13° 2 | 10° 5 | 19°58 | 19° 5 | 15° 8 | 21° 7 | T 4 |
| W 5 | 16 54 51 | 14°49'18 | 23° 6 | 16°39 | 27°39 | 21° 4 | 25° 1 | 6° 3 | 27°49 | 13° 3 | 10° 7 | 19°55 | 19° 2 | 15°15 | 21° 9 | W 5 |
| T 6 | 16 58 47 | 15°46'52 | 5♍ 4 | 18°51 | 28°45 | 21°30 | 25° 9 | 6°11 | 27°48 | 13° 5 | 10° 8 | 19°53 | 18°59 | 15°22 | 21°12 | T 6 |
| F 7 | 17 2 44 | 16°44'25 | 16°57 | 21° 2 | 29°51 | 21°55 | 25°16 | 6°19 | 27°46 | 13° 6 | 10° 9 | 19°D53 | 18°55 | 15°29 | 21°14 | F 7 |
| S 8 | 17 6 40 | 17°41'57 | 28°50 | 23°13 | 0♌57 | 22°20 | 25°23 | 6°26 | 27°45 | 13° 8 | 10°11 | 19°53 | 18°52 | 15°35 | 21°16 | S 8 |
| S 9 | 17 10 37 | 18°39'27 | 10♎47 | 25°22 | 2° 2 | 22°45 | 25°30 | 6°34 | 27°43 | 13° 9 | 10°12 | 19°55 | 18°49 | 15°42 | 21°19 | S 9 |
| M10 | 17 14 33 | 19°36'57 | 22°53 | 27°31 | 3° 8 | 23° 9 | 25°37 | 6°42 | 27°41 | 13°10 | 10°13 | 19°56 | 18°46 | 15°49 | 21°21 | M10 |
| T 11 | 17 18 30 | 20°34'24 | 5♏12 | 29°38 | 4°13 | 23°33 | 25°43 | 6°49 | 27°40 | 13°12 | 10°15 | 19°58 | 18°43 | 15°55 | 21°23 | T 11 |
| W12 | 17 22 27 | 21°31'51 | 17°49 | 1♋43 | 5°18 | 23°56 | 25°50 | 6°57 | 27°38 | 13°13 | 10°16 | 19°R59 | 18°40 | 16° 2 | 21°26 | W12 |
| T 13 | 17 26 23 | 22°29'17 | 0♐45 | 3°46 | 6°22 | 24°20 | 25°56 | 7° 5 | 27°36 | 13°15 | 10°18 | 19°58 | 18°36 | 16° 9 | 21°28 | T 13 |
| F 14 | 17 30 20 | 23°26'42 | 14° 1 | 5°48 | 7°27 | 24°42 | 26° 2 | 7°12 | 27°34 | 13°17 | 10°19 | 19°56 | 18°33 | 16°15 | 21°30 | F 14 |
| S 15 | 17 34 16 | 24°24'06 | 27°37 | 7°47 | 8°31 | 25° 5 | 26° 8 | 7°20 | 27°32 | 13°18 | 10°21 | 19°53 | 18°30 | 16°22 | 21°32 | S 15 |
| S 16 | 17 38 13 | 25°21'29 | 11♑31 | 9°44 | 9°35 | 25°27 | 26°14 | 7°27 | 27°30 | 13°20 | 10°22 | 19°48 | 18°27 | 16°29 | 21°34 | S 16 |
| M17 | 17 42 9 | 26°18'52 | 25°39 | 11°39 | 10°39 | 25°48 | 26°19 | 7°35 | 27°29 | 13°21 | 10°23 | 19°43 | 18°24 | 16°36 | 21°36 | M17 |
| T 18 | 17 46 6 | 27°16'13 | 9♒56 | 13°32 | 11°42 | 26° 9 | 26°25 | 7°42 | 27°27 | 13°23 | 10°25 | 19°37 | 18°21 | 16°42 | 21°38 | T 18 |
| W19 | 17 50 3 | 28°13'34 | 24°18 | 15°22 | 12°46 | 26°30 | 26°30 | 7°50 | 27°25 | 13°25 | 10°26 | 19°32 | 18°17 | 16°49 | 21°40 | W19 |
| T 20 | 17 53 59 | 29°10'55 | 8♓39 | 17°10 | 13°49 | 26°50 | 26°35 | 7°57 | 27°23 | 13°26 | 10°28 | 19°29 | 18°14 | 16°56 | 21°42 | T 20 |
| F 21 | 17 57 56 | 0♋ 8'15 | 22°56 | 18°55 | 14°51 | 27°10 | 26°40 | 8° 5 | 27°21 | 13°28 | 10°29 | 19°28 | 18°11 | 17° 2 | 21°44 | F 21 |
| S 22 | 18 1 52 | 1° 5'35 | 7♈ 6 | 20°38 | 15°54 | 27°29 | 26°45 | 8°12 | 27°18 | 13°30 | 10°31 | 19°D27 | 18° 8 | 17° 9 | 21°45 | S 22 |
| S 23 | 18 5 49 | 2° 2'55 | 21° 7 | 22°18 | 16°56 | 27°48 | 26°49 | 8°19 | 27°16 | 13°32 | 10°32 | 19°28 | 18° 5 | 17°16 | 21°47 | S 23 |
| M24 | 18 9 45 | 3° 0'14 | 4♉59 | 23°56 | 17°58 | 28° 6 | 26°54 | 8°27 | 27°14 | 13°33 | 10°33 | 19°30 | 18° 1 | 17°23 | 21°49 | M24 |
| T 25 | 18 13 42 | 3°57'33 | 18°41 | 25°31 | 18°59 | 28°24 | 26°58 | 8°34 | 27°12 | 13°35 | 10°35 | 19°R30 | 17°58 | 17°29 | 21°51 | T 25 |
| W26 | 18 17 38 | 4°54'52 | 2♊13 | 27° 4 | 20° 1 | 28°41 | 27° 2 | 8°41 | 27°10 | 13°37 | 10°36 | 19°30 | 17°55 | 17°36 | 21°52 | W26 |
| T 27 | 18 21 35 | 5°52'10 | 15°33 | 28°35 | 21° 2 | 28°57 | 27° 6 | 8°48 | 27° 8 | 13°39 | 10°38 | 19°27 | 17°52 | 17°43 | 21°54 | T 27 |
| F 28 | 18 25 32 | 6°49'28 | 28°41 | 0♌ 2 | 22° 2 | 29°14 | 27°10 | 8°56 | 27° 6 | 13°41 | 10°39 | 19°22 | 17°49 | 17°49 | 21°55 | F 28 |
| S 29 | 18 29 28 | 7°46'46 | 11♋37 | 1°28 | 23° 2 | 29°29 | 27°13 | 9° 3 | 27° 3 | 13°42 | 10°41 | 19°15 | 17°46 | 17°56 | 21°57 | S 29 |
| S 30 | 18 33 25 | 8♋44'03 | 24♋18 | 2♌50 | 24♌ 2 | 29♒44 | 27♓17 | 9♊10 | 27♑ 1 | 13♌44 | 10♋42 | 19♉ 7 | 17♉42 | 18♍ 3 | 21♈58 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 2 | 26n56 | 3n35 | 21n42 | 0n 8 | 23n47 | 2n25 | 17s30 | 2s39 | 3s 9 | 1s 4 | 19n27 | 1s46 | 21s 2 | 0s31 | 16n50 | 0s 3 | 18n30 | 4s32 | 17n44 | 17n30 | 10n15 | 9n31 | 1n27 |
| S 2 | 22 10 | 26 44 | 4 20 | 22 13 | 0 18 | 23 35 | 2 25 | 17 25 | 2 42 | 3 6 | 1 4 | 19 28 | 1 46 | 21 2 | 0 31 | 16 50 | 0 3 | 18 30 | 4 32 | 17 43 | 17 29 | 10 12 | 9 32 | 1 27 |
| M 3 | 22 18 | 25 10 | 4 52 | 22 41 | 0 29 | 23 23 | 2 25 | 17 19 | 2 45 | 3 3 | 1 4 | 19 29 | 1 46 | 21 3 | 0 31 | 16 49 | 0 3 | 18 30 | 4 32 | 17 42 | 17 28 | 10 9 | 9 33 | 1 27 |
| T 4 | 22 25 | 22 24 | 5 10 | 23 7 | 0 39 | 23 10 | 2 25 | 17 14 | 2 48 | 3 0 | 1 4 | 19 31 | 1 46 | 21 3 | 0 31 | 16 49 | 0 3 | 18 30 | 4 31 | 17 42 | 17 27 | 10 6 | 9 34 | 1 27 |
| W 5 | 22 32 | 18 43 | 5 13 | 23 31 | 0 48 | 22 57 | 2 25 | 17 8 | 2 51 | 2 58 | 1 5 | 19 32 | 1 46 | 21 3 | 0 31 | 16 49 | 0 3 | 18 30 | 4 31 | 17 41 | 17 26 | 10 3 | 9 35 | 1 27 |
| T 6 | 22 38 | 14 20 | 5 3 | 23 53 | 0 58 | 22 43 | 2 24 | 17 3 | 2 54 | 2 55 | 1 5 | 19 33 | 1 46 | 21 4 | 0 31 | 16 48 | 0 3 | 18 30 | 4 31 | 17 40 | 17 26 | 10 0 | 9 36 | 1 27 |
| F 7 | 22 44 | 9 26 | 4 40 | 24 12 | 1 7 | 22 29 | 2 24 | 16 58 | 2 57 | 2 52 | 1 5 | 19 35 | 1 46 | 21 4 | 0 31 | 16 48 | 0 3 | 18 30 | 4 31 | 17 40 | 17 25 | 9 57 | 9 37 | 1 27 |
| S 8 | 22 49 | 4 12 | 4 4 | 24 28 | 1 15 | 22 14 | 2 23 | 16 53 | 3 0 | 2 50 | 1 5 | 19 36 | 1 46 | 21 4 | 0 31 | 16 48 | 0 3 | 18 30 | 4 31 | 17 40 | 17 24 | 9 54 | 9 38 | 1 27 |
| S 9 | 22 54 | 1s13 | 3 18 | 24 41 | 1 23 | 21 59 | 2 22 | 16 48 | 3 4 | 2 47 | 1 6 | 19 37 | 1 46 | 21 5 | 0 31 | 16 47 | 0 3 | 18 30 | 4 31 | 17 41 | 17 23 | 9 52 | 9 39 | 1 27 |
| M10 | 22 59 | 6 40 | 2 23 | 24 52 | 1 30 | 21 43 | 2 22 | 16 43 | 3 7 | 2 45 | 1 6 | 19 39 | 1 46 | 21 5 | 0 31 | 16 47 | 0 3 | 18 29 | 4 31 | 17 41 | 17 22 | 9 49 | 9 40 | 1 27 |
| T 11 | 23 3 | 11 58 | 1 20 | 24 59 | 1 36 | 21 26 | 2 21 | 16 38 | 3 10 | 2 43 | 1 6 | 19 40 | 1 46 | 21 6 | 0 31 | 16 46 | 0 3 | 18 29 | 4 31 | 17 42 | 17 21 | 9 46 | 9 40 | 1 27 |
| W12 | 23 7 | 16 55 | 0 12 | 25 5 | 1 42 | 21 9 | 2 19 | 16 33 | 3 13 | 2 40 | 1 6 | 19 41 | 1 46 | 21 6 | 0 31 | 16 46 | 0 3 | 18 29 | 4 31 | 17 42 | 17 20 | 9 43 | 9 41 | 1 27 |
| T 13 | 23 10 | 21 13 | 0s59 | 25 7 | 1 47 | 20 52 | 2 18 | 16 29 | 3 17 | 2 38 | 1 7 | 19 43 | 1 46 | 21 6 | 0 31 | 16 46 | 0 3 | 18 29 | 4 31 | 17 42 | 17 19 | 9 40 | 9 42 | 1 27 |
| F 14 | 23 14 | 24 32 | 2 7 | 25 7 | 1 51 | 20 34 | 2 17 | 16 24 | 3 20 | 2 36 | 1 7 | 19 44 | 1 46 | 21 7 | 0 31 | 16 45 | 0 3 | 18 29 | 4 31 | 17 41 | 17 19 | 9 37 | 9 43 | 1 27 |
| S 15 | 23 16 | 26 33 | 3 11 | 25 4 | 1 55 | 20 16 | 2 15 | 16 20 | 3 24 | 2 34 | 1 7 | 19 45 | 1 46 | 21 7 | 0 31 | 16 45 | 0 3 | 18 29 | 4 30 | 17 40 | 17 18 | 9 34 | 9 44 | 1 27 |
| S 16 | 23 18 | 26 56 | 4 4 | 24 59 | 1 58 | 19 58 | 2 14 | 16 16 | 3 27 | 2 32 | 1 8 | 19 46 | 1 46 | 21 7 | 0 31 | 16 44 | 0 3 | 18 29 | 4 30 | 17 39 | 17 17 | 9 31 | 9 44 | 1 27 |
| M17 | 23 20 | 25 36 | 4 43 | 24 52 | 2 0 | 19 39 | 2 12 | 16 12 | 3 31 | 2 30 | 1 8 | 19 47 | 1 46 | 21 8 | 0 31 | 16 44 | 0 3 | 18 29 | 4 30 | 17 37 | 17 16 | 9 28 | 9 45 | 1 27 |
| T 18 | 23 22 | 22 37 | 5 6 | 24 42 | 2 1 | 19 19 | 2 10 | 16 8 | 3 34 | 2 28 | 1 8 | 19 49 | 1 46 | 21 8 | 0 31 | 16 43 | 0 3 | 18 29 | 4 30 | 17 36 | 17 15 | 9 25 | 9 46 | 1 27 |
| W19 | 23 23 | 18 15 | 5 9 | 24 31 | 2 2 | 18 59 | 2 8 | 16 4 | 3 38 | 2 26 | 1 8 | 19 50 | 1 46 | 21 9 | 0 31 | 16 43 | 0 3 | 18 29 | 4 30 | 17 35 | 17 14 | 9 22 | 9 47 | 1 27 |
| T 20 | 23 23 | 12 50 | 4 53 | 24 18 | 2 1 | 18 39 | 2 6 | 16 1 | 3 42 | 2 24 | 1 9 | 19 51 | 1 46 | 21 9 | 0 31 | 16 42 | 0 3 | 18 29 | 4 30 | 17 34 | 17 13 | 9 19 | 9 47 | 1 27 |
| F 21 | 23 23 | 6 46 | 4 19 | 24 2 | 2 0 | 18 19 | 2 4 | 15 57 | 3 45 | 2 23 | 1 9 | 19 52 | 1 46 | 21 10 | 0 31 | 16 42 | 0 3 | 18 29 | 4 30 | 17 33 | 17 12 | 9 16 | 9 48 | 1 27 |
| S 22 | 23 23 | 0 24 | 3 29 | 23 46 | 1 59 | 17 58 | 2 1 | 15 54 | 3 49 | 2 21 | 1 9 | 19 53 | 1 46 | 21 10 | 0 31 | 16 41 | 0 3 | 18 29 | 4 30 | 17 33 | 17 12 | 9 13 | 9 49 | 1 27 |
| S 23 | 23 22 | 5n56 | 2 28 | 23 27 | 1 56 | 17 37 | 1 58 | 15 51 | 3 53 | 2 19 | 1 10 | 19 54 | 1 46 | 21 10 | 0 31 | 16 41 | 0 3 | 18 29 | 4 30 | 17 34 | 17 11 | 9 10 | 9 49 | 1 27 |
| M24 | 23 21 | 11 56 | 1 18 | 23 8 | 1 53 | 17 15 | 1 56 | 15 48 | 3 56 | 2 18 | 1 10 | 19 56 | 1 46 | 21 11 | 0 31 | 16 41 | 0 3 | 18 29 | 4 30 | 17 34 | 17 10 | 9 7 | 9 50 | 1 27 |
| T 25 | 23 20 | 17 17 | 0 4 | 22 47 | 1 49 | 16 53 | 1 53 | 15 45 | 4 0 | 2 17 | 1 10 | 19 57 | 1 46 | 21 11 | 0 31 | 16 40 | 0 3 | 18 29 | 4 30 | 17 34 | 17 9 | 9 3 | 9 51 | 1 27 |
| W26 | 23 18 | 21 40 | 1n 8 | 22 24 | 1 45 | 16 31 | 1 50 | 15 43 | 4 4 | 2 15 | 1 10 | 19 58 | 1 46 | 21 12 | 0 31 | 16 39 | 0 3 | 18 29 | 4 30 | 17 34 | 17 8 | 9 0 | 9 51 | 1 27 |
| T 27 | 23 15 | 24 51 | 2 16 | 22 1 | 1 39 | 16 8 | 1 47 | 15 41 | 4 8 | 2 14 | 1 11 | 19 59 | 1 46 | 21 12 | 0 31 | 16 39 | 0 3 | 18 29 | 4 30 | 17 33 | 17 7 | 8 57 | 9 52 | 1 27 |
| F 28 | 23 13 | 26 38 | 3 15 | 21 37 | 1 34 | 15 46 | 1 43 | 15 39 | 4 12 | 2 13 | 1 11 | 20 0 | 1 46 | 21 13 | 0 31 | 16 38 | 0 3 | 18 29 | 4 30 | 17 32 | 17 6 | 8 54 | 9 52 | 1 27 |
| S 29 | 23 10 | 26 55 | 4 3 | 21 12 | 1 27 | 15 23 | 1 40 | 15 37 | 4 16 | 2 12 | 1 11 | 20 1 | 1 46 | 21 13 | 0 31 | 16 38 | 0 3 | 18 29 | 4 30 | 17 30 | 17 5 | 8 51 | 9 53 | 1 27 |
| S 30 | 23n 6 | 25n46 | 4n38 | 20n47 | 1n20 | 14n59 | 1n36 | 15s35 | 4s19 | 2s11 | 1s12 | 20n 2 | 1s46 | 21s13 | 0s32 | 16n37 | 0s 3 | 18n29 | 4s29 | 17n28 | 17n 5 | 8n48 | 9n53 | 1n27 |

Julian Day Number = 2602541.5, Delta T = 09m17s
Ecliptic obliquity = 23°23'13, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'12, Lahiri = 29°38'14


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## JULY 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 37 21 | 9♋41'20 | 6♌47 | 4♌10 | 25♌ 2 | 29♒58 | 27♓20 | 9♊17 | 26°R59 | 13♌46 | 10♋44 | 18°R58 | 17♉39 | 18♍10 | 21♈59 | M 1 |
| T 2 | 18 41 18 | 10°38'36 | 19° 2 | 5°27 | 26° 1 | 0♓12 | 27°23 | 9°24 | 26♑57 | 13°48 | 10°45 | 18♉49 | 17°36 | 18°16 | 22° 1 | T 2 |
| W 3 | 18 45 14 | 11°35'52 | 1♍ 7 | 6°42 | 27° 0 | 0°25 | 27°25 | 9°31 | 26°54 | 13°50 | 10°47 | 18°41 | 17°33 | 18°23 | 22° 2 | W 3 |
| T 4 | 18 49 11 | 12°33'07 | 13° 3 | 7°53 | 27°58 | 0°37 | 27°28 | 9°38 | 26°52 | 13°52 | 10°48 | 18°35 | 17°30 | 18°30 | 22° 3 | T 4 |
| F 5 | 18 53 7 | 13°30'21 | 24°55 | 9° 2 | 28°56 | 0°49 | 27°30 | 9°45 | 26°50 | 13°54 | 10°50 | 18°31 | 17°27 | 18°36 | 22° 4 | F 5 |
| S 6 | 18 57 4 | 14°27'36 | 6♎46 | 10° 8 | 29°54 | 1° 0 | 27°33 | 9°52 | 26°47 | 13°56 | 10°51 | 18°29 | 17°23 | 18°43 | 22° 5 | S 6 |
| S 7 | 19 1 1 | 15°24'49 | 18°42 | 11°10 | 0♍51 | 1°11 | 27°35 | 9°59 | 26°45 | 13°58 | 10°53 | 18°D29 | 17°20 | 18°50 | 22° 6 | S 7 |
| M 8 | 19 4 57 | 16°22'03 | 0♏47 | 12°10 | 1°48 | 1°21 | 27°37 | 10° 6 | 26°43 | 14° 0 | 10°54 | 18°29 | 17°17 | 18°56 | 22° 7 | M 8 |
| T 9 | 19 8 54 | 17°19'16 | 13° 7 | 13° 7 | 2°44 | 1°30 | 27°38 | 10°12 | 26°40 | 14° 2 | 10°56 | 18°R30 | 17°14 | 19° 3 | 22° 8 | T 9 |
| W10 | 19 12 50 | 18°16'28 | 25°46 | 14° 0 | 3°40 | 1°39 | 27°40 | 10°19 | 26°38 | 14° 4 | 10°57 | 18°30 | 17°11 | 19°10 | 22° 9 | W10 |
| T 11 | 19 16 47 | 19°13'41 | 8♐49 | 14°49 | 4°35 | 1°46 | 27°41 | 10°26 | 26°36 | 14° 6 | 10°58 | 18°28 | 17° 7 | 19°17 | 22°10 | T 11 |
| F 12 | 19 20 43 | 20°10'53 | 22°17 | 15°36 | 5°29 | 1°53 | 27°42 | 10°32 | 26°33 | 14° 8 | 11° 0 | 18°24 | 17° 4 | 19°23 | 22°11 | F 12 |
| S 13 | 19 24 40 | 21° 8'05 | 6♑10 | 16°18 | 6°24 | 2° 0 | 27°43 | 10°39 | 26°31 | 14°10 | 11° 1 | 18°18 | 17° 1 | 19°30 | 22°11 | S 13 |
| S 14 | 19 28 37 | 22° 5'17 | 20°25 | 16°57 | 7°17 | 2° 6 | 27°44 | 10°45 | 26°28 | 14°12 | 11° 3 | 18° 9 | 16°58 | 19°37 | 22°12 | S 14 |
| M15 | 19 32 33 | 23° 2'30 | 4♒59 | 17°31 | 8°10 | 2°10 | 27°44 | 10°52 | 26°26 | 14°14 | 11° 4 | 18° 0 | 16°55 | 19°43 | 22°13 | M15 |
| T 16 | 19 36 30 | 23°59'42 | 19°43 | 18° 2 | 9° 2 | 2°15 | 27°44 | 10°58 | 26°24 | 14°16 | 11° 6 | 17°50 | 16°52 | 19°50 | 22°13 | T 16 |
| W17 | 19 40 26 | 24°56'54 | 4♓29 | 18°29 | 9°54 | 2°18 | 27°R45 | 11° 5 | 26°21 | 14°19 | 11° 7 | 17°42 | 16°48 | 19°57 | 22°14 | W17 |
| T 18 | 19 44 23 | 25°54'07 | 19°11 | 18°51 | 10°45 | 2°21 | 27°45 | 11°11 | 26°19 | 14°21 | 11° 9 | 17°35 | 16°45 | 20° 3 | 22°14 | T 18 |
| F 19 | 19 48 19 | 26°51'20 | 3♈41 | 19° 8 | 11°36 | 2°23 | 27°44 | 11°17 | 26°16 | 14°23 | 11°10 | 17°31 | 16°42 | 20°10 | 22°15 | F 19 |
| S 20 | 19 52 16 | 27°48'34 | 17°56 | 19°22 | 12°25 | 2°24 | 27°44 | 11°23 | 26°14 | 14°25 | 11°11 | 17°29 | 16°39 | 20°17 | 22°15 | S 20 |
| S 21 | 19 56 12 | 28°45'48 | 1♉54 | 19°30 | 13°15 | 2°R24 | 27°43 | 11°30 | 26°11 | 14°27 | 11°13 | 17°D29 | 16°36 | 20°24 | 22°15 | S 21 |
| M22 | 20 0 9 | 29°43'03 | 15°36 | 19°R34 | 14° 3 | 2°24 | 27°42 | 11°36 | 26° 9 | 14°29 | 11°14 | 17°R29 | 16°33 | 20°30 | 22°15 | M22 |
| T 23 | 20 4 6 | 0♌40'19 | 29° 2 | 19°32 | 14°50 | 2°23 | 27°41 | 11°42 | 26° 7 | 14°31 | 11°16 | 17°29 | 16°29 | 20°37 | 22°16 | T 23 |
| W24 | 20 8 2 | 1°37'35 | 12♊14 | 19°26 | 15°37 | 2°21 | 27°40 | 11°48 | 26° 4 | 14°34 | 11°17 | 17°26 | 16°26 | 20°44 | 22°16 | W24 |
| T 25 | 20 11 59 | 2°34'52 | 25°13 | 19°16 | 16°23 | 2°18 | 27°38 | 11°53 | 26° 2 | 14°36 | 11°18 | 17°22 | 16°23 | 20°50 | 22°16 | T 25 |
| F 26 | 20 15 55 | 3°32'09 | 8♋ 1 | 19° 0 | 17° 8 | 2°14 | 27°37 | 11°59 | 25°59 | 14°38 | 11°20 | 17°14 | 16°20 | 20°57 | 22°R16 | F 26 |
| S 27 | 20 19 52 | 4°29'27 | 20°38 | 18°40 | 17°53 | 2°10 | 27°35 | 12° 5 | 25°57 | 14°40 | 11°21 | 17° 4 | 16°17 | 21° 4 | 22°16 | S 27 |
| S 28 | 20 23 48 | 5°26'46 | 3♌ 5 | 18°15 | 18°36 | 2° 5 | 27°33 | 12°11 | 25°55 | 14°42 | 11°23 | 16°52 | 16°14 | 21°10 | 22°16 | S 28 |
| M29 | 20 27 45 | 6°24'05 | 15°22 | 17°46 | 19°18 | 1°59 | 27°31 | 12°16 | 25°52 | 14°45 | 11°24 | 16°39 | 16°10 | 21°17 | 22°15 | M29 |
| T 30 | 20 31 41 | 7°21'24 | 27°29 | 17°14 | 20° 0 | 1°53 | 27°28 | 12°22 | 25°50 | 14°47 | 11°25 | 16°25 | 16° 7 | 21°24 | 22°15 | T 30 |
| W31 | 20 35 38 | 8♌18'44 | 9♍28 | 16♌38 | 20♍40 | 1♓45 | 27♓26 | 12♊27 | 25♑48 | 14♌49 | 11♋27 | 16♉14 | 16♉ 4 | 21♍31 | 22♈15 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 2 | 23n22 | 4n59 | 20n21 | 1n12 | 14n36 | 1n32 | 15s34 | 4s23 | 2s10 | 1s12 | 20n 3 | 1s46 | 21s14 | 0s32 | 16n37 | 0s 3 | 18n29 | 4s29 | 17n25 | 17n 4 | 8n45 | 9n54 | 1n27 |
| T 2 | 22 58 | 19 55 | 5 6 | 19 54 | 1 4 | 14 12 | 1 28 | 15 33 | 4 27 | 2 9 | 1 12 | 20 4 | 1 46 | 21 14 | 0 32 | 16 36 | 0 3 | 18 29 | 4 29 | 17 23 | 17 3 | 8 42 | 9 54 | 1 27 |
| W 3 | 22 53 | 15 42 | 4 59 | 19 27 | 0 55 | 13 48 | 1 24 | 15 32 | 4 31 | 2 8 | 1 12 | 20 5 | 1 46 | 21 15 | 0 32 | 16 36 | 0 3 | 18 29 | 4 29 | 17 21 | 17 2 | 8 39 | 9 55 | 1 27 |
| T 4 | 22 48 | 10 56 | 4 39 | 19 0 | 0 46 | 13 24 | 1 20 | 15 31 | 4 35 | 2 7 | 1 13 | 20 6 | 1 46 | 21 15 | 0 32 | 16 35 | 0 3 | 18 29 | 4 29 | 17 19 | 17 1 | 8 36 | 9 55 | 1 27 |
| F 5 | 22 42 | 5 48 | 4 7 | 18 32 | 0 36 | 13 0 | 1 16 | 15 31 | 4 39 | 2 6 | 1 13 | 20 7 | 1 46 | 21 16 | 0 32 | 16 35 | 0 3 | 18 28 | 4 29 | 17 18 | 17 0 | 8 33 | 9 56 | 1 27 |
| S 6 | 22 36 | 0 27 | 3 24 | 18 5 | 0 26 | 12 35 | 1 11 | 15 30 | 4 43 | 2 6 | 1 13 | 20 8 | 1 46 | 21 16 | 0 32 | 16 34 | 0 3 | 18 28 | 4 29 | 17 17 | 16 59 | 8 30 | 9 56 | 1 27 |
| S 7 | 22 30 | 4s57 | 2 33 | 17 37 | 0 15 | 12 11 | 1 6 | 15 30 | 4 47 | 2 5 | 1 14 | 20 9 | 1 46 | 21 17 | 0 32 | 16 34 | 0 3 | 18 28 | 4 29 | 17 17 | 16 58 | 8 27 | 9 56 | 1 27 |
| M 8 | 22 23 | 10 16 | 1 33 | 17 10 | 0 3 | 11 46 | 1 1 | 15 30 | 4 51 | 2 5 | 1 14 | 20 10 | 1 46 | 21 17 | 0 32 | 16 33 | 0 3 | 18 28 | 4 29 | 17 18 | 16 57 | 8 24 | 9 57 | 1 27 |
| T 9 | 22 16 | 15 17 | 0 29 | 16 42 | 0s 9 | 11 21 | 0 56 | 15 31 | 4 56 | 2 4 | 1 14 | 20 11 | 1 46 | 21 18 | 0 32 | 16 32 | 0 3 | 18 28 | 4 29 | 17 18 | 16 56 | 8 21 | 9 57 | 1 27 |
| W10 | 22 9 | 19 47 | 0s39 | 16 16 | 0 21 | 10 56 | 0 51 | 15 32 | 5 0 | 2 4 | 1 14 | 20 12 | 1 46 | 21 18 | 0 32 | 16 32 | 0 3 | 18 28 | 4 29 | 17 18 | 16 56 | 8 18 | 9 58 | 1 27 |
| T 11 | 22 1 | 23 28 | 1 46 | 15 49 | 0 34 | 10 31 | 0 45 | 15 33 | 5 4 | 2 4 | 1 15 | 20 13 | 1 46 | 21 19 | 0 32 | 16 31 | 0 3 | 18 28 | 4 29 | 17 17 | 16 55 | 8 15 | 9 58 | 1 27 |
| F 12 | 21 52 | 25 59 | 2 50 | 15 23 | 0 47 | 10 6 | 0 40 | 15 34 | 5 8 | 2 4 | 1 15 | 20 14 | 1 46 | 21 19 | 0 32 | 16 31 | 0 3 | 18 28 | 4 29 | 17 16 | 16 54 | 8 12 | 9 58 | 1 27 |
| S 13 | 21 44 | 27 0 | 3 45 | 14 58 | 1 0 | 9 40 | 0 34 | 15 35 | 5 12 | 2 4 | 1 15 | 20 14 | 1 46 | 21 19 | 0 32 | 16 30 | 0 3 | 18 28 | 4 29 | 17 14 | 16 53 | 8 9 | 9 58 | 1 27 |
| S 14 | 21 35 | 26 16 | 4 28 | 14 33 | 1 14 | 9 15 | 0 28 | 15 37 | 5 16 | 2 4 | 1 16 | 20 15 | 1 46 | 21 20 | 0 32 | 16 30 | 0 2 | 18 28 | 4 29 | 17 12 | 16 52 | 8 6 | 9 59 | 1 27 |
| M15 | 21 25 | 23 45 | 4 55 | 14 9 | 1 28 | 8 50 | 0 22 | 15 39 | 5 20 | 2 4 | 1 16 | 20 16 | 1 46 | 21 20 | 0 32 | 16 29 | 0 2 | 18 28 | 4 29 | 17 9 | 16 51 | 8 2 | 9 59 | 1 27 |
| T 16 | 21 16 | 19 39 | 5 3 | 13 46 | 1 42 | 8 24 | 0 16 | 15 41 | 5 24 | 2 4 | 1 16 | 20 17 | 1 47 | 21 21 | 0 32 | 16 28 | 0 2 | 18 28 | 4 29 | 17 7 | 16 50 | 7 59 | 9 59 | 1 27 |
| W17 | 21 6 | 14 20 | 4 50 | 13 25 | 1 56 | 7 59 | 0 9 | 15 44 | 5 28 | 2 4 | 1 17 | 20 18 | 1 47 | 21 21 | 0 32 | 16 28 | 0 2 | 18 28 | 4 29 | 17 4 | 16 49 | 7 56 | 9 59 | 1 27 |
| T 18 | 20 55 | 8 14 | 4 18 | 13 4 | 2 11 | 7 33 | 0 3 | 15 46 | 5 32 | 2 4 | 1 17 | 20 19 | 1 47 | 21 22 | 0 32 | 16 27 | 0 2 | 18 27 | 4 29 | 17 2 | 16 48 | 7 53 | 9 59 | 1 27 |
| F 19 | 20 44 | 1 46 | 3 30 | 12 45 | 2 25 | 7 8 | 0s 4 | 15 49 | 5 36 | 2 5 | 1 17 | 20 19 | 1 47 | 21 22 | 0 32 | 16 27 | 0 2 | 18 27 | 4 29 | 17 1 | 16 47 | 7 50 | 10 0 | 1 27 |
| S 20 | 20 33 | 4n42 | 2 30 | 12 27 | 2 40 | 6 43 | 0 11 | 15 52 | 5 40 | 2 5 | 1 17 | 20 20 | 1 47 | 21 23 | 0 32 | 16 26 | 0 2 | 18 27 | 4 29 | 17 1 | 16 47 | 7 47 | 10 0 | 1 27 |
| S 21 | 20 22 | 10 50 | 1 22 | 12 11 | 2 54 | 6 17 | 0 18 | 15 56 | 5 43 | 2 6 | 1 18 | 20 21 | 1 47 | 21 23 | 0 32 | 16 25 | 0 2 | 18 27 | 4 29 | 17 1 | 16 46 | 7 44 | 10 0 | 1 27 |
| M22 | 20 10 | 16 19 | 0 10 | 11 56 | 3 8 | 5 52 | 0 26 | 16 0 | 5 47 | 2 6 | 1 18 | 20 22 | 1 47 | 21 24 | 0 32 | 16 25 | 0 2 | 18 27 | 4 29 | 17 1 | 16 45 | 7 41 | 10 0 | 1 27 |
| T 23 | 19 58 | 20 53 | 1n 1 | 11 43 | 3 22 | 5 27 | 0 33 | 16 4 | 5 51 | 2 7 | 1 18 | 20 22 | 1 47 | 21 24 | 0 32 | 16 24 | 0 2 | 18 27 | 4 29 | 17 1 | 16 44 | 7 38 | 10 0 | 1 27 |
| W24 | 19 45 | 24 19 | 2 7 | 11 32 | 3 36 | 5 2 | 0 41 | 16 8 | 5 55 | 2 8 | 1 19 | 20 23 | 1 47 | 21 25 | 0 32 | 16 23 | 0 2 | 18 27 | 4 29 | 17 0 | 16 43 | 7 35 | 10 0 | 1 27 |
| T 25 | 19 32 | 26 24 | 3 6 | 11 23 | 3 49 | 4 37 | 0 49 | 16 12 | 5 58 | 2 9 | 1 19 | 20 24 | 1 47 | 21 25 | 0 32 | 16 23 | 0 2 | 18 27 | 4 29 | 16 59 | 16 42 | 7 32 | 10 0 | 1 27 |
| F 26 | 19 19 | 27 2 | 3 54 | 11 16 | 4 1 | 4 12 | 0 57 | 16 17 | 6 2 | 2 10 | 1 19 | 20 24 | 1 47 | 21 25 | 0 32 | 16 22 | 0 2 | 18 27 | 4 29 | 16 57 | 16 41 | 7 28 | 10 0 | 1 27 |
| S 27 | 19 6 | 26 15 | 4 29 | 11 11 | 4 13 | 3 47 | 1 5 | 16 22 | 6 5 | 2 11 | 1 20 | 20 25 | 1 47 | 21 26 | 0 32 | 16 22 | 0 2 | 18 27 | 4 29 | 16 54 | 16 40 | 7 25 | 10 0 | 1 27 |
| S 28 | 18 52 | 24 9 | 4 52 | 11 9 | 4 23 | 3 22 | 1 14 | 16 27 | 6 9 | 2 12 | 1 20 | 20 26 | 1 47 | 21 26 | 0 32 | 16 21 | 0 2 | 18 26 | 4 29 | 16 50 | 16 39 | 7 22 | 10 0 | 1 27 |
| M29 | 18 38 | 20 58 | 5 0 | 11 8 | 4 33 | 2 58 | 1 23 | 16 32 | 6 12 | 2 13 | 1 20 | 20 26 | 1 48 | 21 27 | 0 32 | 16 20 | 0 2 | 18 26 | 4 29 | 16 46 | 16 38 | 7 19 | 10 0 | 1 27 |
| T 30 | 18 24 | 16 56 | 4 55 | 11 10 | 4 41 | 2 33 | 1 31 | 16 37 | 6 15 | 2 14 | 1 20 | 20 27 | 1 48 | 21 27 | 0 32 | 16 20 | 0 2 | 18 26 | 4 29 | 16 43 | 16 38 | 7 16 | 10 0 | 1 27 |
| W31 | 18n 9 | 12n16 | 4n36 | 11n14 | 4s48 | 2n 9 | 1s40 | 16s43 | 6s19 | 2s15 | 1s21 | 20n28 | 1s48 | 21s28 | 0s32 | 16n19 | 0s 2 | 18n26 | 4s29 | 16n39 | 16n37 | 7n13 | 10n 0 | 1n27 |

Julian Day Number = 2602571.5, Delta T = 09m17s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'16, Lahiri = 29°38'18


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## AUGUST 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 39 35 | 9♌16'05 | 21♍21 | 15°R59 | 21♍19 | 1°R37 | 27°R23 | 12♊33 | 25°R45 | 14♌51 | 11♋28 | 16°R 4 | 16♉ 1 | 21♍37 | 22°R15 | T 1 |
| F 2 | 20 43 31 | 10°13'25 | 3♎10 | 15♌18 | 21°57 | 1♓29 | 27♓20 | 12°38 | 25♑43 | 14°53 | 11°29 | 15♉57 | 15°58 | 21°44 | 22♈14 | F 2 |
| S 3 | 20 47 28 | 11°10'47 | 14°59 | 14°35 | 22°34 | 1°19 | 27°17 | 12°44 | 25°41 | 14°56 | 11°31 | 15°52 | 15°54 | 21°51 | 22°14 | S 3 |
| S 4 | 20 51 24 | 12° 8'08 | 26°53 | 13°51 | 23°10 | 1° 9 | 27°13 | 12°49 | 25°38 | 14°58 | 11°32 | 15°50 | 15°51 | 21°57 | 22°13 | S 4 |
| M 5 | 20 55 21 | 13° 5'31 | 8♏56 | 13° 7 | 23°45 | 0°59 | 27°10 | 12°54 | 25°36 | 15° 0 | 11°33 | 15°50 | 15°48 | 22° 4 | 22°13 | M 5 |
| T 6 | 20 59 17 | 14° 2'53 | 21°14 | 12°24 | 24°18 | 0°48 | 27° 6 | 12°59 | 25°34 | 15° 2 | 11°34 | 15°50 | 15°45 | 22°11 | 22°12 | T 6 |
| W 7 | 21 3 14 | 15° 0'17 | 3♐51 | 11°42 | 24°50 | 0°36 | 27° 2 | 13° 4 | 25°32 | 15° 5 | 11°36 | 15°49 | 15°42 | 22°17 | 22°12 | W 7 |
| T 8 | 21 7 10 | 15°57'40 | 16°53 | 11° 2 | 25°20 | 0°24 | 26°58 | 13° 9 | 25°29 | 15° 7 | 11°37 | 15°47 | 15°39 | 22°24 | 22°11 | T 8 |
| F 9 | 21 11 7 | 16°55'05 | 0♑23 | 10°26 | 25°49 | 0°11 | 26°54 | 13°14 | 25°27 | 15° 9 | 11°38 | 15°42 | 15°35 | 22°31 | 22°10 | F 9 |
| S 10 | 21 15 4 | 17°52'30 | 14°22 | 9°53 | 26°17 | 29♒58 | 26°50 | 13°18 | 25°25 | 15°11 | 11°39 | 15°35 | 15°32 | 22°37 | 22° 9 | S 10 |
| S 11 | 21 19 0 | 18°49'56 | 28°49 | 9°24 | 26°42 | 29°44 | 26°45 | 13°23 | 25°23 | 15°13 | 11°41 | 15°26 | 15°29 | 22°44 | 22° 9 | S 11 |
| M12 | 21 22 57 | 19°47'23 | 13♒38 | 9° 0 | 27° 7 | 29°30 | 26°40 | 13°28 | 25°21 | 15°16 | 11°42 | 15°15 | 15°26 | 22°51 | 22° 8 | M12 |
| T 13 | 21 26 53 | 20°44'50 | 28°41 | 8°42 | 27°29 | 29°16 | 26°35 | 13°32 | 25°19 | 15°18 | 11°43 | 15° 4 | 15°23 | 22°58 | 22° 7 | T 13 |
| W14 | 21 30 50 | 21°42'19 | 13♓49 | 8°30 | 27°50 | 29° 1 | 26°30 | 13°37 | 25°16 | 15°20 | 11°44 | 14°54 | 15°19 | 23° 4 | 22° 6 | W14 |
| T 15 | 21 34 46 | 22°39'48 | 28°51 | 8°D24 | 28° 9 | 28°46 | 26°25 | 13°41 | 25°14 | 15°22 | 11°45 | 14°46 | 15°16 | 23°11 | 22° 5 | T 15 |
| F 16 | 21 38 43 | 23°37'19 | 13♈39 | 8°25 | 28°26 | 28°30 | 26°20 | 13°45 | 25°12 | 15°24 | 11°47 | 14°41 | 15°13 | 23°18 | 22° 3 | F 16 |
| S 17 | 21 42 39 | 24°34'51 | 28° 7 | 8°32 | 28°41 | 28°15 | 26°14 | 13°50 | 25°10 | 15°27 | 11°48 | 14°39 | 15°10 | 23°24 | 22° 2 | S 17 |
| S 18 | 21 46 36 | 25°32'25 | 12♉12 | 8°47 | 28°55 | 27°59 | 26° 8 | 13°54 | 25° 8 | 15°29 | 11°49 | 14°D38 | 15° 7 | 23°31 | 22° 1 | S 18 |
| M19 | 21 50 33 | 26°30'00 | 25°55 | 9° 8 | 29° 6 | 27°43 | 26° 3 | 13°58 | 25° 6 | 15°31 | 11°50 | 14°R38 | 15° 4 | 23°38 | 22° 0 | M19 |
| T 20 | 21 54 29 | 27°27'36 | 9♊15 | 9°37 | 29°15 | 27°28 | 25°57 | 14° 2 | 25° 5 | 15°33 | 11°51 | 14°38 | 15° 0 | 23°44 | 21°59 | T 20 |
| W21 | 21 58 26 | 28°25'14 | 22°18 | 10°12 | 29°22 | 27°12 | 25°50 | 14° 5 | 25° 3 | 15°35 | 11°52 | 14°36 | 14°57 | 23°51 | 21°57 | W21 |
| T 22 | 22 2 22 | 29°22'54 | 5♋ 4 | 10°55 | 29°27 | 26°56 | 25°44 | 14° 9 | 25° 1 | 15°38 | 11°53 | 14°31 | 14°54 | 23°58 | 21°56 | T 22 |
| F 23 | 22 6 19 | 0♍20'35 | 17°37 | 11°44 | 29°29 | 26°40 | 25°38 | 14°13 | 24°59 | 15°40 | 11°54 | 14°24 | 14°51 | 24° 5 | 21°54 | F 23 |
| S 24 | 22 10 15 | 1°18'17 | 29°59 | 12°40 | 29°R29 | 26°24 | 25°31 | 14°16 | 24°57 | 15°42 | 11°55 | 14°14 | 14°48 | 24°11 | 21°53 | S 24 |
| S 25 | 22 14 12 | 2°16'01 | 12♌12 | 13°43 | 29°27 | 26° 9 | 25°25 | 14°20 | 24°55 | 15°44 | 11°56 | 14° 2 | 14°45 | 24°18 | 21°51 | S 25 |
| M26 | 22 18 8 | 3°13'46 | 24°17 | 14°52 | 29°23 | 25°53 | 25°18 | 14°23 | 24°54 | 15°46 | 11°57 | 13°50 | 14°41 | 24°25 | 21°50 | M26 |
| T 27 | 22 22 5 | 4°11'32 | 6♍16 | 16° 7 | 29°16 | 25°38 | 25°11 | 14°27 | 24°52 | 15°48 | 11°58 | 13°37 | 14°38 | 24°31 | 21°48 | T 27 |
| W28 | 22 26 2 | 5° 9'20 | 18°10 | 17°27 | 29° 7 | 25°23 | 25° 4 | 14°30 | 24°50 | 15°51 | 11°59 | 13°25 | 14°35 | 24°38 | 21°46 | W28 |
| T 29 | 22 29 58 | 6° 7'09 | 29°59 | 18°53 | 28°56 | 25° 9 | 24°57 | 14°33 | 24°49 | 15°53 | 12° 0 | 13°16 | 14°32 | 24°45 | 21°45 | T 29 |
| F 30 | 22 33 55 | 7° 5'00 | 11♎48 | 20°24 | 28°42 | 24°55 | 24°50 | 14°36 | 24°47 | 15°55 | 12° 1 | 13° 9 | 14°29 | 24°51 | 21°43 | F 30 |
| S 31 | 22 37 51 | 8♍ 2'51 | 23♎37 | 21♌59 | 28♍26 | 24♒41 | 24♓43 | 14♊39 | 24♑46 | 15♌57 | 12♋ 2 | 13♉ 5 | 14♉25 | 24♍58 | 21♈41 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n54 | 7n11 | 4n 6 | 11n20 | 4s54 | 1n45 | 1s50 | 16s48 | 6s22 | 2s17 | 1s21 | 20n28 | 1s48 | 21s28 | 0s32 | 16n18 | 0s 2 | 18n26 | 4s29 | 16n37 | 16n36 | 7n10 | 10n 0 | 1n27 |
| F 2 | 17 39 | 1 53 | 3 25 | 11 28 | 4 58 | 1 22 | 1 59 | 16 54 | 6 24 | 2 18 | 1 21 | 20 29 | 1 48 | 21 29 | 0 32 | 16 18 | 0 2 | 18 26 | 4 29 | 16 35 | 16 35 | 7 7 | 10 0 | 1 27 |
| S 3 | 17 23 | 3s30 | 2 35 | 11 38 | 5 0 | 0 58 | 2 9 | 17 0 | 6 27 | 2 20 | 1 21 | 20 29 | 1 48 | 21 29 | 0 32 | 16 17 | 0 2 | 18 26 | 4 29 | 16 33 | 16 34 | 7 4 | 9 59 | 1 27 |
| S 4 | 17 7 | 8 49 | 1 38 | 11 50 | 5 0 | 0 35 | 2 19 | 17 6 | 6 30 | 2 21 | 1 22 | 20 30 | 1 48 | 21 29 | 0 32 | 16 17 | 0 2 | 18 26 | 4 29 | 16 33 | 16 33 | 7 0 | 9 59 | 1 27 |
| M 5 | 16 51 | 13 52 | 0 36 | 12 3 | 4 59 | 0 12 | 2 28 | 17 12 | 6 32 | 2 23 | 1 22 | 20 30 | 1 48 | 21 30 | 0 32 | 16 16 | 0 2 | 18 26 | 4 29 | 16 32 | 16 32 | 6 57 | 9 59 | 1 27 |
| T 6 | 16 35 | 18 29 | 0s29 | 12 18 | 4 56 | 0s10 | 2 39 | 17 19 | 6 35 | 2 25 | 1 22 | 20 31 | 1 48 | 21 30 | 0 32 | 16 15 | 0 2 | 18 26 | 4 29 | 16 32 | 16 31 | 6 54 | 9 59 | 1 27 |
| W 7 | 16 18 | 22 25 | 1 34 | 12 34 | 4 51 | 0 32 | 2 49 | 17 25 | 6 37 | 2 26 | 1 23 | 20 31 | 1 48 | 21 31 | 0 32 | 16 15 | 0 2 | 18 25 | 4 29 | 16 32 | 16 30 | 6 51 | 9 59 | 1 27 |
| T 8 | 16 1 | 25 20 | 2 36 | 12 51 | 4 45 | 0 54 | 2 59 | 17 31 | 6 39 | 2 28 | 1 23 | 20 32 | 1 49 | 21 31 | 0 32 | 16 14 | 0 2 | 18 25 | 4 29 | 16 32 | 16 29 | 6 48 | 9 58 | 1 27 |
| F 9 | 15 44 | 26 55 | 3 32 | 13 9 | 4 36 | 1 15 | 3 10 | 17 38 | 6 41 | 2 30 | 1 23 | 20 32 | 1 49 | 21 31 | 0 32 | 16 13 | 0 2 | 18 25 | 4 29 | 16 30 | 16 28 | 6 45 | 9 58 | 1 27 |
| S 10 | 15 26 | 26 53 | 4 18 | 13 27 | 4 26 | 1 36 | 3 21 | 17 44 | 6 43 | 2 32 | 1 23 | 20 33 | 1 49 | 21 32 | 0 32 | 16 13 | 0 2 | 18 25 | 4 29 | 16 28 | 16 27 | 6 42 | 9 58 | 1 27 |
| S 11 | 15 9 | 25 3 | 4 48 | 13 45 | 4 15 | 1 56 | 3 32 | 17 50 | 6 44 | 2 34 | 1 24 | 20 33 | 1 49 | 21 32 | 0 32 | 16 12 | 0 2 | 18 25 | 4 29 | 16 25 | 16 27 | 6 39 | 9 57 | 1 27 |
| M12 | 14 51 | 21 29 | 5 0 | 14 4 | 4 3 | 2 16 | 3 43 | 17 57 | 6 46 | 2 36 | 1 24 | 20 34 | 1 49 | 21 33 | 0 32 | 16 11 | 0 2 | 18 25 | 4 29 | 16 22 | 16 26 | 6 35 | 9 57 | 1 27 |
| T 13 | 14 33 | 16 28 | 4 52 | 14 21 | 3 49 | 2 35 | 3 54 | 18 3 | 6 47 | 2 38 | 1 24 | 20 34 | 1 49 | 21 33 | 0 32 | 16 11 | 0 2 | 18 25 | 4 29 | 16 19 | 16 25 | 6 32 | 9 57 | 1 27 |
| W14 | 14 14 | 10 24 | 4 23 | 14 39 | 3 35 | 2 54 | 4 6 | 18 9 | 6 48 | 2 41 | 1 24 | 20 35 | 1 49 | 21 33 | 0 32 | 16 10 | 0 2 | 18 25 | 4 29 | 16 16 | 16 24 | 6 29 | 9 56 | 1 27 |
| T 15 | 13 56 | 3 46 | 3 37 | 14 55 | 3 19 | 3 12 | 4 17 | 18 15 | 6 49 | 2 43 | 1 25 | 20 35 | 1 49 | 21 34 | 0 32 | 16 9 | 0 2 | 18 25 | 4 29 | 16 14 | 16 23 | 6 26 | 9 56 | 1 27 |
| F 16 | 13 37 | 2n59 | 2 36 | 15 10 | 3 3 | 3 30 | 4 29 | 18 21 | 6 49 | 2 45 | 1 25 | 20 35 | 1 49 | 21 34 | 0 32 | 16 9 | 0 2 | 18 24 | 4 29 | 16 13 | 16 22 | 6 23 | 9 56 | 1 27 |
| S 17 | 13 18 | 9 26 | 1 26 | 15 25 | 2 46 | 3 46 | 4 41 | 18 27 | 6 50 | 2 48 | 1 25 | 20 36 | 1 50 | 21 34 | 0 32 | 16 8 | 0 2 | 18 24 | 4 29 | 16 12 | 16 21 | 6 20 | 9 55 | 1 27 |
| S 18 | 12 59 | 15 16 | 0 13 | 15 37 | 2 30 | 4 3 | 4 53 | 18 33 | 6 50 | 2 50 | 1 25 | 20 36 | 1 50 | 21 35 | 0 32 | 16 8 | 0 2 | 18 24 | 4 29 | 16 12 | 16 20 | 6 17 | 9 55 | 1 27 |
| M19 | 12 39 | 20 9 | 0n59 | 15 48 | 2 12 | 4 18 | 5 4 | 18 38 | 6 50 | 2 53 | 1 25 | 20 37 | 1 50 | 21 35 | 0 32 | 16 7 | 0 2 | 18 24 | 4 29 | 16 12 | 16 19 | 6 13 | 9 54 | 1 27 |
| T 20 | 12 20 | 23 52 | 2 6 | 15 57 | 1 55 | 4 32 | 5 16 | 18 44 | 6 50 | 2 55 | 1 26 | 20 37 | 1 50 | 21 35 | 0 32 | 16 6 | 0 2 | 18 24 | 4 29 | 16 12 | 16 18 | 6 10 | 9 54 | 1 27 |
| W21 | 12 0 | 26 15 | 3 5 | 16 4 | 1 38 | 4 46 | 5 28 | 18 49 | 6 49 | 2 58 | 1 26 | 20 37 | 1 50 | 21 36 | 0 32 | 16 6 | 0 2 | 18 24 | 4 29 | 16 11 | 16 17 | 6 7 | 9 53 | 1 27 |
| T 22 | 11 40 | 27 11 | 3 53 | 16 9 | 1 21 | 4 59 | 5 40 | 18 54 | 6 49 | 3 0 | 1 26 | 20 38 | 1 50 | 21 36 | 0 32 | 16 5 | 0 2 | 18 24 | 4 29 | 16 10 | 16 16 | 6 4 | 9 53 | 1 27 |
| F 23 | 11 20 | 26 41 | 4 29 | 16 12 | 1 5 | 5 11 | 5 52 | 18 59 | 6 48 | 3 3 | 1 26 | 20 38 | 1 50 | 21 36 | 0 32 | 16 4 | 0 2 | 18 24 | 4 29 | 16 7 | 16 15 | 6 1 | 9 52 | 1 27 |
| S 24 | 10 59 | 24 52 | 4 52 | 16 12 | 0 48 | 5 22 | 6 4 | 19 4 | 6 47 | 3 6 | 1 26 | 20 38 | 1 50 | 21 37 | 0 32 | 16 4 | 0 2 | 18 24 | 4 29 | 16 5 | 16 14 | 5 58 | 9 51 | 1 27 |
| S 25 | 10 39 | 21 55 | 5 1 | 16 9 | 0 33 | 5 32 | 6 16 | 19 8 | 6 46 | 3 9 | 1 27 | 20 38 | 1 51 | 21 37 | 0 32 | 16 3 | 0 2 | 18 23 | 4 29 | 16 1 | 16 14 | 5 54 | 9 51 | 1 27 |
| M26 | 10 18 | 18 3 | 4 56 | 16 4 | 0 18 | 5 41 | 6 27 | 19 12 | 6 45 | 3 12 | 1 27 | 20 39 | 1 51 | 21 37 | 0 32 | 16 2 | 0 2 | 18 23 | 4 29 | 15 57 | 16 13 | 5 51 | 9 50 | 1 27 |
| T 27 | 9 57 | 13 30 | 4 38 | 15 55 | 0 3 | 5 49 | 6 39 | 19 16 | 6 43 | 3 14 | 1 27 | 20 39 | 1 51 | 21 38 | 0 32 | 16 2 | 0 2 | 18 23 | 4 29 | 15 54 | 16 12 | 5 48 | 9 50 | 1 27 |
| W28 | 9 36 | 8 29 | 4 9 | 15 44 | 0n11 | 5 55 | 6 50 | 19 19 | 6 41 | 3 17 | 1 27 | 20 39 | 1 51 | 21 38 | 0 32 | 16 1 | 0 2 | 18 23 | 4 29 | 15 50 | 16 11 | 5 45 | 9 49 | 1 27 |
| T 29 | 9 15 | 3 11 | 3 28 | 15 30 | 0 24 | 6 1 | 7 1 | 19 22 | 6 39 | 3 20 | 1 27 | 20 39 | 1 51 | 21 38 | 0 32 | 16 1 | 0 2 | 18 23 | 4 29 | 15 47 | 16 10 | 5 42 | 9 48 | 1 27 |
| F 30 | 8 54 | 2s14 | 2 38 | 15 13 | 0 36 | 6 5 | 7 12 | 19 25 | 6 37 | 3 23 | 1 28 | 20 40 | 1 51 | 21 39 | 0 32 | 16 0 | 0 2 | 18 23 | 4 29 | 15 45 | 16 9 | 5 39 | 9 48 | 1 27 |
| S 31 | 8n32 | 7s35 | 1n42 | 14n53 | 0n47 | 6s 8 | 7s22 | 19s28 | 6s35 | 3s26 | 1s28 | 20n40 | 1s51 | 21s39 | 0s32 | 15n59 | 0s 2 | 18n23 | 4s29 | 15n44 | 16n 8 | 5n35 | 9n47 | 1n27 |

Julian Day Number = 2602602.5, Delta T = 09m17s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'21, Lahiri = 29°38'22


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## SEPTEMBER 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 41 48 | 9♍ 0'44 | 5♏31 | 23♌39 | 28°R 7 | 24°R28 | 24°R35 | 14♊42 | 24°R44 | 15♌59 | 12♋ 3 | 13°R 3 | 14♉22 | 25♍ 5 | 21°R39 | S 1 |
| M 2 | 22 45 44 | 9°58'38 | 17°34 | 25°22 | 27♍46 | 24♒16 | 24♓28 | 14°44 | 24♂43 | 16° 1 | 12° 4 | 13°D 3 | 14°19 | 25°11 | 21♈37 | M 2 |
| T 3 | 22 49 41 | 10°56'34 | 29°50 | 27° 8 | 27°23 | 24° 4 | 24°20 | 14°47 | 24°41 | 16° 3 | 12° 5 | 13♉ 3 | 14°16 | 25°18 | 21°35 | T 3 |
| W 4 | 22 53 37 | 11°54'31 | 12♐25 | 28°57 | 26°58 | 23°52 | 24°13 | 14°49 | 24°40 | 16° 5 | 12° 5 | 13°R 4 | 14°13 | 25°25 | 21°33 | W 4 |
| T 5 | 22 57 34 | 12°52'29 | 25°23 | 0♍49 | 26°31 | 23°41 | 24° 5 | 14°52 | 24°38 | 16° 7 | 12° 6 | 13° 3 | 14°10 | 25°31 | 21°31 | T 5 |
| F 6 | 23 1 31 | 13°50'28 | 8♂48 | 2°42 | 26° 2 | 23°31 | 23°58 | 14°54 | 24°37 | 16° 9 | 12° 7 | 13° 0 | 14° 6 | 25°38 | 21°29 | F 6 |
| S 7 | 23 5 27 | 14°48'29 | 22°42 | 4°36 | 25°32 | 23°21 | 23°50 | 14°56 | 24°36 | 16°11 | 12° 8 | 12°55 | 14° 3 | 25°45 | 21°27 | S 7 |
| S 8 | 23 9 24 | 15°46'31 | 7♒ 6 | 6°32 | 24°59 | 23°13 | 23°42 | 14°58 | 24°35 | 16°13 | 12° 9 | 12°49 | 14° 0 | 25°52 | 21°25 | S 8 |
| M 9 | 23 13 20 | 16°44'34 | 21°56 | 8°28 | 24°26 | 23° 4 | 23°34 | 15° 0 | 24°33 | 16°15 | 12° 9 | 12°40 | 13°57 | 25°58 | 21°23 | M 9 |
| T 10 | 23 17 17 | 17°42'39 | 7♓ 4 | 10°25 | 23°51 | 22°57 | 23°26 | 15° 2 | 24°32 | 16°17 | 12°10 | 12°32 | 13°54 | 26° 5 | 21°21 | T 10 |
| W11 | 23 21 13 | 18°40'45 | 22°21 | 12°22 | 23°15 | 22°50 | 23°18 | 15° 4 | 24°31 | 16°19 | 12°11 | 12°25 | 13°51 | 26°12 | 21°18 | W11 |
| T 12 | 23 25 10 | 19°38'53 | 7♈36 | 14°18 | 22°39 | 22°44 | 23°11 | 15° 6 | 24°30 | 16°21 | 12°12 | 12°19 | 13°47 | 26°18 | 21°16 | T 12 |
| F 13 | 23 29 6 | 20°37'03 | 22°39 | 16°15 | 22° 2 | 22°39 | 23° 3 | 15° 7 | 24°29 | 16°23 | 12°12 | 12°15 | 13°44 | 26°25 | 21°14 | F 13 |
| S 14 | 23 33 3 | 21°35'15 | 7♉22 | 18°11 | 21°25 | 22°35 | 22°55 | 15° 9 | 24°28 | 16°25 | 12°13 | 12°D13 | 13°41 | 26°32 | 21°11 | S 14 |
| S 15 | 23 36 59 | 22°33'29 | 21°39 | 20° 6 | 20°47 | 22°31 | 22°47 | 15°10 | 24°27 | 16°27 | 12°13 | 12°14 | 13°38 | 26°38 | 21° 9 | S 15 |
| M16 | 23 40 56 | 23°31'45 | 5♊30 | 22° 1 | 20°10 | 22°28 | 22°39 | 15°11 | 24°26 | 16°29 | 12°14 | 12°15 | 13°35 | 26°45 | 21° 7 | M16 |
| T 17 | 23 44 53 | 24°30'03 | 18°55 | 23°55 | 19°34 | 22°26 | 22°31 | 15°13 | 24°25 | 16°30 | 12°15 | 12°R16 | 13°31 | 26°52 | 21° 4 | T 17 |
| W18 | 23 48 49 | 25°28'23 | 1♋57 | 25°48 | 18°58 | 22°25 | 22°23 | 15°14 | 24°25 | 16°32 | 12°15 | 12°16 | 13°28 | 26°58 | 21° 2 | W18 |
| T 19 | 23 52 46 | 26°26'45 | 14°39 | 27°40 | 18°23 | 22°D24 | 22°15 | 15°15 | 24°24 | 16°34 | 12°16 | 12°14 | 13°25 | 27° 5 | 20°59 | T 19 |
| F 20 | 23 56 42 | 27°25'09 | 27° 5 | 29°31 | 17°50 | 22°24 | 22° 7 | 15°15 | 24°23 | 16°36 | 12°16 | 12°10 | 13°22 | 27°12 | 20°57 | F 20 |
| S 21 | 0 0 39 | 28°23'35 | 9♌18 | 1♎21 | 17°17 | 22°25 | 21°59 | 15°16 | 24°23 | 16°38 | 12°17 | 12° 5 | 13°19 | 27°18 | 20°54 | S 21 |
| S 22 | 0 4 35 | 29°22'03 | 21°22 | 3° 9 | 16°46 | 22°27 | 21°51 | 15°17 | 24°22 | 16°39 | 12°17 | 11°58 | 13°16 | 27°25 | 20°52 | S 22 |
| M23 | 0 8 32 | 0♎20'34 | 3♍19 | 4°57 | 16°17 | 22°30 | 21°43 | 15°17 | 24°21 | 16°41 | 12°18 | 11°50 | 13°12 | 27°32 | 20°49 | M23 |
| T 24 | 0 12 28 | 1°19'06 | 15°12 | 6°44 | 15°50 | 22°33 | 21°36 | 15°18 | 24°21 | 16°43 | 12°18 | 11°42 | 13° 9 | 27°39 | 20°46 | T 24 |
| W25 | 0 16 25 | 2°17'40 | 27° 2 | 8°30 | 15°25 | 22°38 | 21°28 | 15°18 | 24°21 | 16°44 | 12°19 | 11°35 | 13° 6 | 27°45 | 20°44 | W25 |
| T 26 | 0 20 22 | 3°16'16 | 8♎51 | 10°15 | 15° 2 | 22°43 | 21°20 | 15°18 | 24°20 | 16°46 | 12°19 | 11°29 | 13° 3 | 27°52 | 20°41 | T 26 |
| F 27 | 0 24 18 | 4°14'54 | 20°42 | 11°58 | 14°41 | 22°49 | 21°13 | 15°R18 | 24°20 | 16°48 | 12°19 | 11°25 | 13° 0 | 27°59 | 20°38 | F 27 |
| S 28 | 0 28 15 | 5°13'33 | 2♏36 | 13°41 | 14°22 | 22°55 | 21° 5 | 15°18 | 24°20 | 16°49 | 12°20 | 11°23 | 12°56 | 28° 5 | 20°36 | S 28 |
| S 29 | 0 32 11 | 6°12'15 | 14°35 | 15°23 | 14° 6 | 23° 3 | 20°58 | 15°18 | 24°19 | 16°51 | 12°20 | 11°D23 | 12°53 | 28°12 | 20°33 | S 29 |
| M30 | 0 36 8 | 7♎10'58 | 26♏43 | 17♎ 4 | 13♍52 | 23♒11 | 20♓50 | 15♊18 | 24♂19 | 16♌53 | 12♋20 | 11♉24 | 12♉50 | 28♍19 | 20♈30 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n10 | 12s42 | 0n40 | 14n30 | 0n57 | 6s10 | 7s32 | 19s30 | 6s33 | 3s29 | 1s28 | 20n40 | 1s51 | 21s39 | 0s32 | 15n59 | 0s 2 | 18n23 | 4s29 | 15n43 | 16n 7 | 5n32 | 9n46 | 1n27 |
| M 2 | 7 49 | 17 25 | 0s24 | 14 5 | 1 6 | 6 10 | 7 42 | 19 32 | 6 30 | 3 32 | 1 28 | 20 40 | 1 52 | 21 39 | 0 32 | 15 58 | 0 2 | 18 22 | 4 29 | 15 43 | 16 6 | 5 29 | 9 45 | 1 27 |
| T 3 | 7 27 | 21 31 | 1 29 | 13 36 | 1 15 | 6 10 | 7 51 | 19 33 | 6 27 | 3 36 | 1 28 | 20 40 | 1 52 | 21 40 | 0 32 | 15 58 | 0 2 | 18 22 | 4 29 | 15 43 | 16 5 | 5 26 | 9 45 | 1 27 |
| W 4 | 7 5 | 24 43 | 2 30 | 13 6 | 1 22 | 6 7 | 7 59 | 19 34 | 6 24 | 3 39 | 1 28 | 20 40 | 1 52 | 21 40 | 0 32 | 15 57 | 0 2 | 18 22 | 4 29 | 15 43 | 16 4 | 5 23 | 9 44 | 1 27 |
| T 5 | 6 43 | 26 45 | 3 26 | 12 32 | 1 28 | 6 4 | 8 7 | 19 35 | 6 21 | 3 42 | 1 28 | 20 40 | 1 52 | 21 40 | 0 32 | 15 56 | 0 2 | 18 22 | 4 29 | 15 43 | 16 3 | 5 19 | 9 43 | 1 27 |
| F 6 | 6 21 | 27 18 | 4 13 | 11 57 | 1 34 | 5 59 | 8 14 | 19 36 | 6 18 | 3 45 | 1 29 | 20 41 | 1 52 | 21 40 | 0 32 | 15 56 | 0 2 | 18 22 | 4 29 | 15 42 | 16 2 | 5 16 | 9 42 | 1 27 |
| S 7 | 5 58 | 26 12 | 4 47 | 11 19 | 1 38 | 5 53 | 8 20 | 19 36 | 6 15 | 3 48 | 1 29 | 20 41 | 1 52 | 21 40 | 0 32 | 15 55 | 0 2 | 18 22 | 4 29 | 15 41 | 16 1 | 5 13 | 9 42 | 1 27 |
| S 8 | 5 36 | 23 21 | 5 4 | 10 40 | 1 41 | 5 45 | 8 26 | 19 35 | 6 11 | 3 51 | 1 29 | 20 41 | 1 52 | 21 41 | 0 31 | 15 55 | 0 2 | 18 22 | 4 29 | 15 39 | 16 0 | 5 10 | 9 41 | 1 27 |
| M 9 | 5 13 | 18 55 | 5 1 | 9 59 | 1 44 | 5 37 | 8 31 | 19 35 | 6 8 | 3 54 | 1 29 | 20 41 | 1 53 | 21 41 | 0 31 | 15 54 | 0 2 | 18 22 | 4 29 | 15 37 | 15 59 | 5 7 | 9 40 | 1 27 |
| T 10 | 4 51 | 13 12 | 4 38 | 9 17 | 1 46 | 5 27 | 8 35 | 19 34 | 6 4 | 3 58 | 1 29 | 20 41 | 1 53 | 21 41 | 0 31 | 15 53 | 0 2 | 18 22 | 4 29 | 15 34 | 15 59 | 5 3 | 9 39 | 1 27 |
| W11 | 4 28 | 6 38 | 3 55 | 8 33 | 1 47 | 5 16 | 8 38 | 19 33 | 6 0 | 4 1 | 1 29 | 20 41 | 1 53 | 21 41 | 0 31 | 15 53 | 0 2 | 18 22 | 4 29 | 15 32 | 15 58 | 5 0 | 9 38 | 1 27 |
| T 12 | 4 5 | 0n20 | 2 55 | 7 49 | 1 47 | 5 3 | 8 40 | 19 31 | 5 57 | 4 4 | 1 29 | 20 41 | 1 53 | 21 41 | 0 31 | 15 52 | 0 2 | 18 21 | 4 29 | 15 30 | 15 57 | 4 57 | 9 37 | 1 27 |
| F 13 | 3 43 | 7 12 | 1 43 | 7 3 | 1 47 | 4 50 | 8 42 | 19 29 | 5 53 | 4 7 | 1 29 | 20 41 | 1 53 | 21 42 | 0 31 | 15 52 | 0 2 | 18 21 | 4 29 | 15 29 | 15 56 | 4 54 | 9 36 | 1 27 |
| S 14 | 3 20 | 13 32 | 0 26 | 6 17 | 1 45 | 4 36 | 8 42 | 19 27 | 5 49 | 4 10 | 1 29 | 20 41 | 1 53 | 21 42 | 0 31 | 15 51 | 0 2 | 18 21 | 4 30 | 15 28 | 15 55 | 4 51 | 9 35 | 1 27 |
| S 15 | 2 57 | 18 57 | 0n51 | 5 30 | 1 44 | 4 21 | 8 41 | 19 24 | 5 45 | 4 14 | 1 29 | 20 41 | 1 53 | 21 42 | 0 31 | 15 51 | 0 2 | 18 21 | 4 30 | 15 28 | 15 54 | 4 47 | 9 35 | 1 27 |
| M16 | 2 34 | 23 11 | 2 2 | 4 43 | 1 41 | 4 5 | 8 40 | 19 21 | 5 40 | 4 17 | 1 29 | 20 41 | 1 54 | 21 42 | 0 31 | 15 50 | 0 2 | 18 21 | 4 30 | 15 29 | 15 53 | 4 44 | 9 34 | 1 27 |
| T 17 | 2 11 | 26 0 | 3 5 | 3 55 | 1 39 | 3 49 | 8 37 | 19 18 | 5 36 | 4 20 | 1 29 | 20 41 | 1 54 | 21 42 | 0 31 | 15 50 | 0 2 | 18 21 | 4 30 | 15 29 | 15 52 | 4 41 | 9 33 | 1 27 |
| W18 | 1 48 | 27 18 | 3 56 | 3 8 | 1 35 | 3 32 | 8 34 | 19 14 | 5 32 | 4 23 | 1 29 | 20 41 | 1 54 | 21 42 | 0 31 | 15 49 | 0 2 | 18 21 | 4 30 | 15 29 | 15 51 | 4 38 | 9 32 | 1 27 |
| T 19 | 1 25 | 27 7 | 4 34 | 2 20 | 1 31 | 3 15 | 8 30 | 19 11 | 5 28 | 4 26 | 1 29 | 20 41 | 1 54 | 21 42 | 0 31 | 15 48 | 0 2 | 18 21 | 4 30 | 15 28 | 15 50 | 4 35 | 9 31 | 1 27 |
| F 20 | 1 1 | 25 34 | 4 58 | 1 32 | 1 27 | 2 57 | 8 25 | 19 6 | 5 23 | 4 29 | 1 29 | 20 41 | 1 54 | 21 42 | 0 31 | 15 48 | 0 2 | 18 21 | 4 30 | 15 27 | 15 49 | 4 31 | 9 30 | 1 27 |
| S 21 | 0 38 | 22 50 | 5 8 | 0 44 | 1 23 | 2 39 | 8 19 | 19 2 | 5 19 | 4 33 | 1 29 | 20 41 | 1 54 | 21 43 | 0 31 | 15 47 | 0 2 | 18 21 | 4 30 | 15 26 | 15 48 | 4 28 | 9 29 | 1 27 |
| S 22 | 0 15 | 19 9 | 5 4 | 0s 4 | 1 18 | 2 21 | 8 12 | 18 57 | 5 15 | 4 36 | 1 29 | 20 41 | 1 54 | 21 43 | 0 31 | 15 47 | 0 2 | 18 20 | 4 30 | 15 23 | 15 47 | 4 25 | 9 28 | 1 26 |
| M23 | 0s 8 | 14 44 | 4 47 | 0 51 | 1 13 | 2 3 | 8 5 | 18 52 | 5 10 | 4 39 | 1 29 | 20 41 | 1 55 | 21 43 | 0 31 | 15 46 | 0 2 | 18 20 | 4 30 | 15 21 | 15 46 | 4 22 | 9 27 | 1 26 |
| T 24 | 0 31 | 9 47 | 4 18 | 1 38 | 1 7 | 1 45 | 7 57 | 18 47 | 5 6 | 4 42 | 1 29 | 20 41 | 1 55 | 21 43 | 0 31 | 15 46 | 0 2 | 18 20 | 4 30 | 15 19 | 15 45 | 4 19 | 9 26 | 1 26 |
| W25 | 0 55 | 4 30 | 3 38 | 2 25 | 1 1 | 1 28 | 7 48 | 18 41 | 5 1 | 4 45 | 1 29 | 20 41 | 1 55 | 21 43 | 0 31 | 15 45 | 0 2 | 18 20 | 4 30 | 15 16 | 15 44 | 4 15 | 9 25 | 1 26 |
| T 26 | 1 18 | 0s56 | 2 48 | 3 12 | 0 55 | 1 10 | 7 39 | 18 35 | 4 57 | 4 48 | 1 29 | 20 40 | 1 55 | 21 43 | 0 31 | 15 45 | 0 2 | 18 20 | 4 30 | 15 15 | 15 43 | 4 12 | 9 24 | 1 26 |
| F 27 | 1 41 | 6 22 | 1 50 | 3 58 | 0 49 | 0 53 | 7 29 | 18 29 | 4 52 | 4 51 | 1 29 | 20 40 | 1 55 | 21 43 | 0 31 | 15 44 | 0 2 | 18 20 | 4 30 | 15 13 | 15 42 | 4 9 | 9 22 | 1 26 |
| S 28 | 2 4 | 11 36 | 0 48 | 4 44 | 0 43 | 0 37 | 7 19 | 18 22 | 4 48 | 4 54 | 1 29 | 20 40 | 1 55 | 21 43 | 0 31 | 15 44 | 0 2 | 18 20 | 4 30 | 15 13 | 15 41 | 4 6 | 9 21 | 1 26 |
| S 29 | 2 28 | 16 28 | 0s18 | 5 29 | 0 36 | 0 21 | 7 8 | 18 16 | 4 43 | 4 57 | 1 29 | 20 40 | 1 55 | 21 43 | 0 31 | 15 44 | 0 2 | 18 20 | 4 30 | 15 13 | 15 40 | 4 2 | 9 20 | 1 26 |
| M30 | 2s51 | 20s44 | 1s23 | 6s14 | 0n30 | 0s 5 | 6s57 | 18s 9 | 4s39 | 4s59 | 1s29 | 20n40 | 1s56 | 21s43 | 0s31 | 15n43 | 0s 2 | 18n20 | 4s30 | 15n13 | 15n39 | 3n59 | 9n19 | 1n26 |

Julian Day Number = 2602633.5, Delta T = 09m18s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'25, Lahiri = 29°38'26


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## OCTOBER 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 40 4 | 8♎ 9'44 | 9♐ 4 | 18♎43 | 13°R40 | 23♒20 | 20°R43 | 15°R17 | 24°R19 | 16♌54 | 12♋21 | 11♉25 | 12♉47 | 28♍25 | 20°R27 | T 1 |
| W 2 | 0 44 1 | 9° 8'31 | 21°40 | 20°22 | 13♍31 | 23°30 | 20♓36 | 15♊17 | 24♑19 | 16°56 | 12°21 | 11°27 | 12°44 | 28°32 | 20♈25 | W 2 |
| T 3 | 0 47 57 | 10° 7'19 | 4♑36 | 22° 0 | 13°24 | 23°40 | 20°29 | 15°16 | 24°D19 | 16°57 | 12°21 | 11°R28 | 12°41 | 28°39 | 20°22 | T 3 |
| F 4 | 0 51 54 | 11° 6'10 | 17°56 | 23°37 | 13°20 | 23°52 | 20°22 | 15°16 | 24°19 | 16°59 | 12°21 | 11°28 | 12°37 | 28°45 | 20°19 | F 4 |
| S 5 | 0 55 51 | 12° 5'02 | 1♒41 | 25°13 | 13°D18 | 24° 3 | 20°15 | 15°15 | 24°19 | 17° 0 | 12°21 | 11°26 | 12°34 | 28°52 | 20°16 | S 5 |
| S 6 | 0 59 47 | 13° 3'55 | 15°52 | 26°48 | 13°18 | 24°16 | 20° 8 | 15°14 | 24°19 | 17° 2 | 12°22 | 11°24 | 12°31 | 28°59 | 20°13 | S 6 |
| M 7 | 1 3 44 | 14° 2'51 | 0♓29 | 28°23 | 13°21 | 24°29 | 20° 2 | 15°13 | 24°19 | 17° 3 | 12°22 | 11°20 | 12°28 | 29° 5 | 20°11 | M 7 |
| T 8 | 1 7 40 | 15° 1'48 | 15°26 | 29°56 | 13°26 | 24°43 | 19°55 | 15°12 | 24°19 | 17° 4 | 12°22 | 11°17 | 12°25 | 29°12 | 20° 8 | T 8 |
| W 9 | 1 11 37 | 16° 0'46 | 0♈35 | 1♏29 | 13°34 | 24°58 | 19°49 | 15°10 | 24°20 | 17° 6 | 12°22 | 11°13 | 12°22 | 29°19 | 20° 5 | W 9 |
| T 10 | 1 15 33 | 16°59'47 | 15°47 | 3° 0 | 13°43 | 25°13 | 19°43 | 15° 9 | 24°20 | 17° 7 | 12°22 | 11°11 | 12°18 | 29°25 | 20° 2 | T 10 |
| F 11 | 1 19 30 | 17°58'50 | 0♉53 | 4°31 | 13°55 | 25°29 | 19°36 | 15° 8 | 24°20 | 17° 8 | 12°22 | 11° 9 | 12°15 | 29°32 | 19°59 | F 11 |
| S 12 | 1 23 26 | 18°57'55 | 15°42 | 6° 1 | 14° 9 | 25°46 | 19°31 | 15° 6 | 24°21 | 17° 9 | 12°R22 | 11°D 9 | 12°12 | 29°39 | 19°57 | S 12 |
| S 13 | 1 27 23 | 19°57'02 | 0♊10 | 7°31 | 14°25 | 26° 3 | 19°25 | 15° 4 | 24°21 | 17°11 | 12°22 | 11°10 | 12° 9 | 29°45 | 19°54 | S 13 |
| M14 | 1 31 20 | 20°56'11 | 14°11 | 8°59 | 14°43 | 26°21 | 19°19 | 15° 3 | 24°22 | 17°12 | 12°22 | 11°11 | 12° 6 | 29°52 | 19°51 | M14 |
| T 15 | 1 35 16 | 21°55'23 | 27°45 | 10°27 | 15° 2 | 26°39 | 19°13 | 15° 1 | 24°22 | 17°13 | 12°22 | 11°12 | 12° 2 | 29°59 | 19°48 | T 15 |
| W16 | 1 39 13 | 22°54'37 | 10♋53 | 11°53 | 15°24 | 26°58 | 19° 8 | 14°59 | 24°23 | 17°14 | 12°22 | 11°14 | 11°59 | 0♎ 6 | 19°45 | W16 |
| T 17 | 1 43 9 | 23°53'54 | 23°38 | 13°19 | 15°48 | 27°17 | 19° 3 | 14°57 | 24°24 | 17°15 | 12°22 | 11°R14 | 11°56 | 0°12 | 19°42 | T 17 |
| F 18 | 1 47 6 | 24°53'12 | 6♌ 4 | 14°44 | 16°13 | 27°37 | 18°58 | 14°55 | 24°24 | 17°16 | 12°22 | 11°14 | 11°53 | 0°19 | 19°40 | F 18 |
| S 19 | 1 51 2 | 25°52'33 | 18°15 | 16° 8 | 16°40 | 27°58 | 18°53 | 14°52 | 24°25 | 17°18 | 12°22 | 11°12 | 11°50 | 0°26 | 19°37 | S 19 |
| S 20 | 1 54 59 | 26°51'56 | 0♍15 | 17°31 | 17° 9 | 28°19 | 18°48 | 14°50 | 24°26 | 17°19 | 12°21 | 11°11 | 11°47 | 0°32 | 19°34 | S 20 |
| M21 | 1 58 55 | 27°51'21 | 12° 8 | 18°54 | 17°39 | 28°40 | 18°44 | 14°47 | 24°27 | 17°20 | 12°21 | 11° 9 | 11°43 | 0°39 | 19°31 | M21 |
| T 22 | 2 2 52 | 28°50'49 | 23°57 | 20°15 | 18°11 | 29° 2 | 18°39 | 14°45 | 24°28 | 17°20 | 12°21 | 11° 7 | 11°40 | 0°46 | 19°28 | T 22 |
| W23 | 2 6 49 | 29°50'18 | 5♎47 | 21°35 | 18°44 | 29°25 | 18°35 | 14°42 | 24°29 | 17°21 | 12°21 | 11° 5 | 11°37 | 0°52 | 19°25 | W23 |
| T 24 | 2 10 45 | 0♏49'50 | 17°39 | 22°54 | 19°19 | 29°48 | 18°31 | 14°39 | 24°30 | 17°22 | 12°20 | 11° 4 | 11°34 | 0°59 | 19°23 | T 24 |
| F 25 | 2 14 42 | 1°49'24 | 29°35 | 24°12 | 19°55 | 0♓11 | 18°27 | 14°37 | 24°31 | 17°23 | 12°20 | 11° 3 | 11°31 | 1° 6 | 19°20 | F 25 |
| S 26 | 2 18 38 | 2°48'59 | 11♏38 | 25°28 | 20°32 | 0°35 | 18°24 | 14°34 | 24°32 | 17°24 | 12°20 | 11°D 3 | 11°28 | 1°12 | 19°17 | S 26 |
| S 27 | 2 22 35 | 3°48'37 | 23°49 | 26°43 | 21°10 | 1° 0 | 18°20 | 14°31 | 24°33 | 17°25 | 12°20 | 11° 3 | 11°24 | 1°19 | 19°14 | S 27 |
| M28 | 2 26 31 | 4°48'17 | 6♐10 | 27°57 | 21°50 | 1°24 | 18°17 | 14°28 | 24°34 | 17°26 | 12°19 | 11° 3 | 11°21 | 1°26 | 19°12 | M28 |
| T 29 | 2 30 28 | 5°47'59 | 18°43 | 29° 9 | 22°31 | 1°50 | 18°14 | 14°24 | 24°35 | 17°26 | 12°19 | 11° 4 | 11°18 | 1°32 | 19° 9 | T 29 |
| W30 | 2 34 24 | 6°47'42 | 1♑30 | 0♐19 | 23°13 | 2°15 | 18°11 | 14°21 | 24°37 | 17°27 | 12°19 | 11° 5 | 11°15 | 1°39 | 19° 6 | W30 |
| T 31 | 2 38 21 | 7♏47'27 | 14♑33 | 1♐27 | 23♍56 | 2♓41 | 18♓ 8 | 14♊18 | 24♑38 | 17♌28 | 12♋18 | 11♉ 5 | 11♉12 | 1♎46 | 19♈ 4 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | lat |
| T 1 | 3s14 | 24s10 | 2s26 | 6s58 | 0n23 | 0n10 | 6s46 | 18s 2 | 4s34 | 5s 2 | 1s29 | 20n40 | 1s56 | 21s43 | 0s31 | 15n43 | 0s 2 | 18n20 | 4s30 | 15n14 | 15n38 | 3n56 | 9n18 | 1n26 |
| W 2 | 3 37 | 26 30 | 3 23 | 7 42 | 0 16 | 0 24 | 6 34 | 17 54 | 4 30 | 5 5 | 1 29 | 20 39 | 1 56 | 21 43 | 0 31 | 15 42 | 0 2 | 18 20 | 4 30 | 15 14 | 15 38 | 3 53 | 9 17 | 1 26 |
| T 3 | 4 0 | 27 29 | 4 11 | 8 25 | 0 9 | 0 37 | 6 22 | 17 46 | 4 25 | 5 8 | 1 29 | 20 39 | 1 56 | 21 43 | 0 31 | 15 42 | 0 2 | 18 20 | 4 30 | 15 14 | 15 37 | 3 49 | 9 16 | 1 26 |
| F 4 | 4 23 | 26 56 | 4 48 | 9 7 | 0 2 | 0 50 | 6 10 | 17 38 | 4 21 | 5 10 | 1 29 | 20 39 | 1 56 | 21 43 | 0 31 | 15 41 | 0 2 | 18 20 | 4 31 | 15 14 | 15 36 | 3 46 | 9 15 | 1 26 |
| S 5 | 4 46 | 24 46 | 5 9 | 9 49 | 0s 5 | 1 2 | 5 58 | 17 30 | 4 17 | 5 13 | 1 29 | 20 39 | 1 56 | 21 43 | 0 31 | 15 41 | 0 2 | 18 19 | 4 31 | 15 14 | 15 35 | 3 43 | 9 14 | 1 26 |
| S 6 | 5 9 | 21 1 | 5 13 | 10 30 | 0 13 | 1 13 | 5 46 | 17 22 | 4 12 | 5 16 | 1 29 | 20 39 | 1 56 | 21 43 | 0 31 | 15 40 | 0 2 | 18 19 | 4 31 | 15 13 | 15 34 | 3 40 | 9 13 | 1 26 |
| M 7 | 5 32 | 15 54 | 4 56 | 11 11 | 0 20 | 1 23 | 5 34 | 17 13 | 4 8 | 5 18 | 1 29 | 20 38 | 1 56 | 21 43 | 0 31 | 15 40 | 0 2 | 18 19 | 4 31 | 15 12 | 15 33 | 3 37 | 9 11 | 1 26 |
| T 8 | 5 55 | 9 44 | 4 20 | 11 51 | 0 27 | 1 33 | 5 22 | 17 4 | 4 3 | 5 21 | 1 29 | 20 38 | 1 57 | 21 43 | 0 31 | 15 40 | 0 2 | 18 19 | 4 31 | 15 11 | 15 32 | 3 33 | 9 10 | 1 25 |
| W 9 | 6 17 | 2 54 | 3 25 | 12 30 | 0 34 | 1 41 | 5 9 | 16 55 | 3 59 | 5 23 | 1 29 | 20 38 | 1 57 | 21 43 | 0 31 | 15 39 | 0 2 | 18 19 | 4 31 | 15 10 | 15 31 | 3 30 | 9 9 | 1 25 |
| T 10 | 6 40 | 4n 7 | 2 15 | 13 8 | 0 41 | 1 49 | 4 57 | 16 46 | 3 55 | 5 25 | 1 28 | 20 38 | 1 57 | 21 43 | 0 31 | 15 39 | 0 2 | 18 19 | 4 31 | 15 9 | 15 30 | 3 27 | 9 8 | 1 25 |
| F 11 | 7 2 | 10 52 | 0 56 | 13 46 | 0 49 | 1 56 | 4 45 | 16 37 | 3 51 | 5 28 | 1 28 | 20 37 | 1 57 | 21 43 | 0 31 | 15 38 | 0 2 | 18 19 | 4 31 | 15 9 | 15 29 | 3 24 | 9 7 | 1 25 |
| S 12 | 7 25 | 16 54 | 0n25 | 14 23 | 0 56 | 2 2 | 4 33 | 16 27 | 3 46 | 5 30 | 1 28 | 20 37 | 1 57 | 21 42 | 0 31 | 15 38 | 0 2 | 18 19 | 4 31 | 15 9 | 15 28 | 3 20 | 9 6 | 1 25 |
| S 13 | 7 47 | 21 49 | 1 43 | 14 59 | 1 3 | 2 7 | 4 21 | 16 17 | 3 42 | 5 32 | 1 28 | 20 37 | 1 57 | 21 42 | 0 31 | 15 38 | 0 2 | 18 19 | 4 31 | 15 9 | 15 27 | 3 17 | 9 5 | 1 25 |
| M14 | 8 9 | 25 18 | 2 52 | 15 34 | 1 10 | 2 11 | 4 9 | 16 7 | 3 38 | 5 34 | 1 28 | 20 36 | 1 57 | 21 42 | 0 31 | 15 37 | 0 2 | 18 19 | 4 31 | 15 9 | 15 26 | 3 14 | 9 3 | 1 25 |
| T 15 | 8 31 | 27 12 | 3 50 | 16 8 | 1 17 | 2 14 | 3 57 | 15 57 | 3 34 | 5 36 | 1 28 | 20 36 | 1 57 | 21 42 | 0 31 | 15 37 | 0 2 | 18 19 | 4 31 | 15 10 | 15 25 | 3 11 | 9 2 | 1 25 |
| W16 | 8 53 | 27 29 | 4 33 | 16 42 | 1 24 | 2 17 | 3 45 | 15 47 | 3 30 | 5 38 | 1 28 | 20 36 | 1 58 | 21 42 | 0 31 | 15 37 | 0 2 | 18 19 | 4 31 | 15 10 | 15 24 | 3 7 | 9 1 | 1 25 |
| T 17 | 9 15 | 26 16 | 5 1 | 17 14 | 1 30 | 2 18 | 3 33 | 15 36 | 3 26 | 5 40 | 1 28 | 20 35 | 1 58 | 21 42 | 0 31 | 15 36 | 0 2 | 18 19 | 4 31 | 15 10 | 15 23 | 3 4 | 9 0 | 1 25 |
| F 18 | 9 37 | 23 48 | 5 15 | 17 46 | 1 37 | 2 19 | 3 22 | 15 26 | 3 22 | 5 42 | 1 27 | 20 35 | 1 58 | 21 42 | 0 31 | 15 36 | 0 2 | 18 19 | 4 31 | 15 10 | 15 22 | 3 1 | 8 59 | 1 25 |
| S 19 | 9 59 | 20 18 | 5 14 | 18 17 | 1 44 | 2 19 | 3 11 | 15 15 | 3 18 | 5 44 | 1 27 | 20 35 | 1 58 | 21 42 | 0 31 | 15 36 | 0 2 | 18 19 | 4 31 | 15 10 | 15 21 | 2 58 | 8 58 | 1 25 |
| S 20 | 10 20 | 16 1 | 4 59 | 18 47 | 1 50 | 2 18 | 3 0 | 15 4 | 3 14 | 5 45 | 1 27 | 20 34 | 1 58 | 21 41 | 0 31 | 15 35 | 0 1 | 18 19 | 4 31 | 15 9 | 15 20 | 2 54 | 8 57 | 1 24 |
| M21 | 10 41 | 11 10 | 4 31 | 19 16 | 1 56 | 2 17 | 2 49 | 14 53 | 3 10 | 5 47 | 1 27 | 20 34 | 1 58 | 21 41 | 0 31 | 15 35 | 0 1 | 18 19 | 4 31 | 15 8 | 15 19 | 2 51 | 8 55 | 1 24 |
| T 22 | 11 2 | 5 57 | 3 52 | 19 44 | 2 2 | 2 14 | 2 38 | 14 41 | 3 6 | 5 49 | 1 27 | 20 34 | 1 58 | 21 41 | 0 31 | 15 35 | 0 1 | 18 19 | 4 31 | 15 8 | 15 18 | 2 48 | 8 54 | 1 24 |
| W23 | 11 23 | 0 31 | 3 3 | 20 11 | 2 8 | 2 11 | 2 27 | 14 30 | 3 2 | 5 50 | 1 27 | 20 33 | 1 58 | 21 41 | 0 31 | 15 35 | 0 1 | 18 19 | 4 31 | 15 7 | 15 17 | 2 44 | 8 53 | 1 24 |
| T 24 | 11 44 | 4s58 | 2 6 | 20 37 | 2 14 | 2 7 | 2 17 | 14 18 | 2 58 | 5 52 | 1 26 | 20 33 | 1 58 | 21 41 | 0 31 | 15 34 | 0 1 | 18 19 | 4 32 | 15 7 | 15 16 | 2 41 | 8 52 | 1 24 |
| F 25 | 12 5 | 10 19 | 1 3 | 21 1 | 2 19 | 2 3 | 2 7 | 14 6 | 2 55 | 5 53 | 1 26 | 20 32 | 1 58 | 21 40 | 0 31 | 15 34 | 0 1 | 18 19 | 4 32 | 15 7 | 15 15 | 2 38 | 8 51 | 1 24 |
| S 26 | 12 25 | 15 20 | 0s 3 | 21 25 | 2 24 | 1 57 | 1 57 | 13 54 | 2 51 | 5 54 | 1 26 | 20 32 | 1 59 | 21 40 | 0 31 | 15 34 | 0 1 | 18 19 | 4 32 | 15 7 | 15 14 | 2 35 | 8 50 | 1 24 |
| S 27 | 12 46 | 19 49 | 1 10 | 21 48 | 2 29 | 1 51 | 1 47 | 13 42 | 2 47 | 5 55 | 1 26 | 20 32 | 1 59 | 21 40 | 0 31 | 15 34 | 0 1 | 18 18 | 4 32 | 15 7 | 15 13 | 2 31 | 8 49 | 1 24 |
| M28 | 13 6 | 23 30 | 2 15 | 22 9 | 2 34 | 1 45 | 1 37 | 13 30 | 2 44 | 5 56 | 1 26 | 20 31 | 1 59 | 21 40 | 0 31 | 15 33 | 0 1 | 18 18 | 4 32 | 15 7 | 15 12 | 2 28 | 8 47 | 1 24 |
| T 29 | 13 26 | 26 8 | 3 14 | 22 29 | 2 38 | 1 37 | 1 28 | 13 18 | 2 40 | 5 57 | 1 26 | 20 31 | 1 59 | 21 40 | 0 31 | 15 33 | 0 1 | 18 18 | 4 32 | 15 7 | 15 11 | 2 25 | 8 46 | 1 24 |
| W30 | 13 45 | 27 28 | 4 5 | 22 48 | 2 42 | 1 29 | 1 18 | 13 5 | 2 37 | 5 58 | 1 25 | 20 30 | 1 59 | 21 39 | 0 31 | 15 33 | 0 1 | 18 18 | 4 32 | 15 7 | 15 10 | 2 22 | 8 45 | 1 23 |
| T 31 | 14s 5 | 27s18 | 4s44 | 23s 6 | 2s45 | 1n21 | 1s 9 | 12s52 | 2s33 | 5s59 | 1s25 | 20n30 | 1s59 | 21s39 | 0s31 | 15n33 | 0s 1 | 18n18 | 4s32 | 15n 7 | 15n 9 | 2n18 | 8n44 | 1n23 |

Julian Day Number = 2602663.5, Delta T = 09m18s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'29, Lahiri = 29°38'31


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## NOVEMBER 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 42 18 | 8♏47'14 | 27♑54 | 2♐34 | 24♍40 | 3♓ 8 | 18°R 6 | 14°R14 | 24♑40 | 17♌28 | 12°R18 | 11♉ 5 | 11♉ 8 | 1♎52 | 19°R 1 | F 1 |
| S 2 | 2 46 14 | 9°47'03 | 11♒33 | 3°37 | 25°25 | 3°35 | 18♓ 3 | 14♊11 | 24°41 | 17°29 | 12♋17 | 11°R 5 | 11° 5 | 1°59 | 18♈58 | S 2 |
| S 3 | 2 50 11 | 10°46'53 | 25°33 | 4°39 | 26°11 | 4° 2 | 18° 1 | 14° 7 | 24°43 | 17°30 | 12°17 | 11°D 5 | 11° 2 | 2° 6 | 18°56 | S 3 |
| M 4 | 2 54 7 | 11°46'44 | 9♓51 | 5°37 | 26°58 | 4°30 | 17°59 | 14° 3 | 24°44 | 17°30 | 12°16 | 11° 5 | 10°59 | 2°12 | 18°53 | M 4 |
| T 5 | 2 58 4 | 12°46'38 | 24°26 | 6°32 | 27°46 | 4°58 | 17°58 | 14° 0 | 24°46 | 17°31 | 12°16 | 11° 5 | 10°56 | 2°19 | 18°51 | T 5 |
| W 6 | 3 2 0 | 13°46'32 | 9♈13 | 7°23 | 28°35 | 5°26 | 17°56 | 13°56 | 24°47 | 17°31 | 12°15 | 11° 5 | 10°53 | 2°26 | 18°48 | W 6 |
| T 7 | 3 5 57 | 14°46'29 | 24° 6 | 8°11 | 29°25 | 5°55 | 17°55 | 13°52 | 24°49 | 17°32 | 12°15 | 11° 6 | 10°49 | 2°32 | 18°46 | T 7 |
| F 8 | 3 9 53 | 15°46'27 | 8♉58 | 8°54 | 0♎15 | 6°24 | 17°54 | 13°48 | 24°51 | 17°32 | 12°14 | 11°R 6 | 10°46 | 2°39 | 18°43 | F 8 |
| S 9 | 3 13 50 | 16°46'27 | 23°40 | 9°32 | 1° 6 | 6°53 | 17°53 | 13°44 | 24°53 | 17°32 | 12°13 | 11° 6 | 10°43 | 2°46 | 18°41 | S 9 |
| S 10 | 3 17 47 | 17°46'30 | 8♊ 6 | 10° 5 | 1°58 | 7°22 | 17°52 | 13°40 | 24°54 | 17°33 | 12°13 | 11° 5 | 10°40 | 2°52 | 18°39 | S 10 |
| M11 | 3 21 43 | 18°46'34 | 22°10 | 10°32 | 2°51 | 7°52 | 17°52 | 13°36 | 24°56 | 17°33 | 12°12 | 11° 5 | 10°37 | 2°59 | 18°36 | M11 |
| T 12 | 3 25 40 | 19°46'40 | 5♋50 | 10°52 | 3°44 | 8°22 | 17°52 | 13°31 | 24°58 | 17°33 | 12°12 | 11° 3 | 10°34 | 3° 6 | 18°34 | T 12 |
| W13 | 3 29 36 | 20°46'48 | 19° 5 | 11° 5 | 4°38 | 8°53 | 17°D52 | 13°27 | 25° 0 | 17°34 | 12°11 | 11° 2 | 10°30 | 3°12 | 18°32 | W13 |
| T 14 | 3 33 33 | 21°46'58 | 1♌56 | 11°R 9 | 5°33 | 9°24 | 17°52 | 13°23 | 25° 2 | 17°34 | 12°10 | 11° 1 | 10°27 | 3°19 | 18°29 | T 14 |
| F 15 | 3 37 29 | 22°47'10 | 14°26 | 11° 5 | 6°28 | 9°55 | 17°52 | 13°18 | 25° 4 | 17°34 | 12° 9 | 11° 1 | 10°24 | 3°26 | 18°27 | F 15 |
| S 16 | 3 41 26 | 23°47'25 | 26°38 | 10°52 | 7°24 | 10°26 | 17°53 | 13°14 | 25° 6 | 17°34 | 12° 9 | 11°D 0 | 10°21 | 3°32 | 18°25 | S 16 |
| S 17 | 3 45 22 | 24°47'41 | 8♍38 | 10°29 | 8°21 | 10°57 | 17°53 | 13° 9 | 25° 9 | 17°34 | 12° 8 | 11° 1 | 10°18 | 3°39 | 18°23 | S 17 |
| M18 | 3 49 19 | 25°47'59 | 20°30 | 9°56 | 9°18 | 11°29 | 17°54 | 13° 5 | 25°11 | 17°34 | 12° 7 | 11° 2 | 10°14 | 3°46 | 18°21 | M18 |
| T 19 | 3 53 16 | 26°48'19 | 2♎19 | 9°13 | 10°16 | 12° 1 | 17°55 | 13° 0 | 25°13 | 17°34 | 12° 6 | 11° 3 | 10°11 | 3°53 | 18°19 | T 19 |
| W20 | 3 57 12 | 27°48'40 | 14° 9 | 8°20 | 11°14 | 12°33 | 17°57 | 12°56 | 25°15 | 17°R34 | 12° 6 | 11° 5 | 10° 8 | 3°59 | 18°16 | W20 |
| T 21 | 4 1 9 | 28°49'04 | 26° 4 | 7°18 | 12°13 | 13° 6 | 17°58 | 12°51 | 25°18 | 17°34 | 12° 5 | 11° 6 | 10° 5 | 4° 6 | 18°14 | T 21 |
| F 22 | 4 5 5 | 29°49'30 | 8♏ 8 | 6° 8 | 13°12 | 13°38 | 18° 0 | 12°46 | 25°20 | 17°34 | 12° 4 | 11°R 7 | 10° 2 | 4°13 | 18°13 | F 22 |
| S 23 | 4 9 2 | 0♐49'57 | 20°22 | 4°53 | 14°12 | 14°11 | 18° 2 | 12°41 | 25°22 | 17°34 | 12° 3 | 11° 6 | 9°59 | 4°19 | 18°11 | S 23 |
| S 24 | 4 12 58 | 1°50'26 | 2♐49 | 3°33 | 15°12 | 14°45 | 18° 4 | 12°37 | 25°25 | 17°34 | 12° 2 | 11° 5 | 9°55 | 4°26 | 18° 9 | S 24 |
| M25 | 4 16 55 | 2°50'56 | 15°29 | 2°12 | 16°12 | 15°18 | 18° 7 | 12°32 | 25°27 | 17°34 | 12° 1 | 11° 3 | 9°52 | 4°33 | 18° 7 | M25 |
| T 26 | 4 20 51 | 3°51'28 | 28°23 | 0°52 | 17°13 | 15°51 | 18° 9 | 12°27 | 25°30 | 17°34 | 12° 0 | 10°59 | 9°49 | 4°39 | 18° 5 | T 26 |
| W27 | 4 24 48 | 4°52'02 | 11♑31 | 29♏36 | 18°15 | 16°25 | 18°12 | 12°22 | 25°32 | 17°33 | 12° 0 | 10°56 | 9°46 | 4°46 | 18° 3 | W27 |
| T 28 | 4 28 45 | 5°52'36 | 24°52 | 28°26 | 19°16 | 16°59 | 18°15 | 12°17 | 25°35 | 17°33 | 11°59 | 10°52 | 9°43 | 4°53 | 18° 2 | T 28 |
| F 29 | 4 32 41 | 6°53'12 | 8♒25 | 27°24 | 20°19 | 17°33 | 18°18 | 12°12 | 25°37 | 17°33 | 11°58 | 10°49 | 9°40 | 4°59 | 18° 0 | F 29 |
| S 30 | 4 36 38 | 7♐53'49 | 22♒11 | 26♏33 | 21♎21 | 18♓ 8 | 18♓22 | 12♊ 8 | 25♑40 | 17♌33 | 11♋57 | 10♉46 | 9♉36 | 5♎ 6 | 17♈59 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14 s24 | 25 s35 | 5 s 9 | 23 s22 | 2 s48 | 1n11 | 1 s 0 | 12 s40 | 2 s30 | 6 s 0 | 1 s25 | 20n29 | 1 s59 | 21 s39 | 0 s30 | 15n33 | 0 s 1 | 18n18 | 4 s32 | 15n 7 | 15n 8 | 2n15 | 8n43 | 1n23 |
| S 2 | 14 43 | 22 22 | 5 18 | 23 37 | 2 51 | 1 1 | 0 52 | 12 27 | 2 26 | 6 1 | 1 25 | 20 29 | 1 59 | 21 38 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 7 | 2 12 | 8 42 | 1 23 |
| S 3 | 15 2 | 17 48 | 5 8 | 23 51 | 2 53 | 0 51 | 0 43 | 12 14 | 2 23 | 6 1 | 1 25 | 20 28 | 1 59 | 21 38 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 6 | 2 9 | 8 41 | 1 23 |
| M 4 | 15 20 | 12 9 | 4 39 | 24 3 | 2 54 | 0 40 | 0 35 | 12 1 | 2 20 | 6 2 | 1 24 | 20 28 | 1 59 | 21 38 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 5 | 2 5 | 8 40 | 1 23 |
| T 5 | 15 38 | 5 45 | 3 51 | 24 14 | 2 55 | 0 28 | 0 27 | 11 47 | 2 16 | 6 2 | 1 24 | 20 27 | 1 59 | 21 38 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 4 | 2 2 | 8 39 | 1 23 |
| W 6 | 15 56 | 1n 4 | 2 48 | 24 23 | 2 55 | 0 16 | 0 19 | 11 34 | 2 13 | 6 3 | 1 24 | 20 27 | 1 59 | 21 37 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 3 | 1 59 | 8 38 | 1 23 |
| T 7 | 16 14 | 7 53 | 1 33 | 24 30 | 2 55 | 0 4 | 0 11 | 11 20 | 2 10 | 6 3 | 1 24 | 20 26 | 1 59 | 21 37 | 0 30 | 15 32 | 0 1 | 18 18 | 4 32 | 15 7 | 15 2 | 1 55 | 8 37 | 1 23 |
| F 8 | 16 32 | 14 16 | 0 12 | 24 36 | 2 53 | 0 s 9 | 0 4 | 11 7 | 2 7 | 6 3 | 1 23 | 20 26 | 1 59 | 21 37 | 0 30 | 15 31 | 0 1 | 18 18 | 4 32 | 15 8 | 15 1 | 1 52 | 8 35 | 1 22 |
| S 9 | 16 49 | 19 46 | 1n 9 | 24 39 | 2 51 | 0 23 | 0n 3 | 10 53 | 2 4 | 6 3 | 1 23 | 20 25 | 1 59 | 21 36 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 7 | 15 0 | 1 49 | 8 34 | 1 22 |
| S 10 | 17 6 | 23 59 | 2 24 | 24 41 | 2 48 | 0 37 | 0 11 | 10 39 | 2 1 | 6 3 | 1 23 | 20 25 | 1 59 | 21 36 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 7 | 14 59 | 1 46 | 8 33 | 1 22 |
| M11 | 17 22 | 26 38 | 3 29 | 24 41 | 2 44 | 0 52 | 0 18 | 10 25 | 1 58 | 6 3 | 1 23 | 20 24 | 1 59 | 21 36 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 7 | 14 58 | 1 42 | 8 32 | 1 22 |
| T 12 | 17 39 | 27 34 | 4 19 | 24 38 | 2 38 | 1 7 | 0 24 | 10 11 | 1 55 | 6 3 | 1 23 | 20 24 | 1 59 | 21 35 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 7 | 14 57 | 1 39 | 8 31 | 1 22 |
| W13 | 17 55 | 26 53 | 4 54 | 24 33 | 2 31 | 1 22 | 0 31 | 9 57 | 1 52 | 6 3 | 1 22 | 20 23 | 1 59 | 21 35 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 56 | 1 36 | 8 30 | 1 22 |
| T 14 | 18 10 | 24 46 | 5 13 | 24 26 | 2 23 | 1 38 | 0 37 | 9 43 | 1 49 | 6 3 | 1 22 | 20 23 | 1 59 | 21 34 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 55 | 1 32 | 8 29 | 1 22 |
| F 15 | 18 26 | 21 30 | 5 16 | 24 16 | 2 14 | 1 54 | 0 43 | 9 28 | 1 46 | 6 3 | 1 22 | 20 22 | 1 59 | 21 34 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 54 | 1 29 | 8 29 | 1 22 |
| S 16 | 18 41 | 17 23 | 5 5 | 24 3 | 2 3 | 2 11 | 0 49 | 9 14 | 1 43 | 6 2 | 1 22 | 20 22 | 1 59 | 21 34 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 53 | 1 26 | 8 28 | 1 21 |
| S 17 | 18 56 | 12 39 | 4 41 | 23 47 | 1 50 | 2 27 | 0 55 | 8 59 | 1 40 | 6 2 | 1 21 | 20 21 | 1 59 | 21 33 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 52 | 1 23 | 8 27 | 1 21 |
| M18 | 19 10 | 7 30 | 4 5 | 23 28 | 1 36 | 2 45 | 1 1 | 8 45 | 1 37 | 6 1 | 1 21 | 20 21 | 1 59 | 21 33 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 6 | 14 51 | 1 19 | 8 26 | 1 21 |
| T 19 | 19 24 | 2 7 | 3 19 | 23 6 | 1 20 | 3 2 | 1 6 | 8 30 | 1 35 | 6 0 | 1 21 | 20 20 | 1 59 | 21 32 | 0 30 | 15 31 | 0 1 | 18 19 | 4 32 | 15 7 | 14 50 | 1 16 | 8 25 | 1 21 |
| W20 | 19 38 | 3 s22 | 2 24 | 22 41 | 1 2 | 3 20 | 1 12 | 8 15 | 1 32 | 6 0 | 1 21 | 20 19 | 1 59 | 21 32 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 7 | 14 49 | 1 13 | 8 24 | 1 21 |
| T 21 | 19 51 | 8 46 | 1 22 | 22 12 | 0 44 | 3 38 | 1 17 | 8 0 | 1 29 | 5 59 | 1 21 | 20 19 | 1 59 | 21 32 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 8 | 14 49 | 1 9 | 8 23 | 1 21 |
| F 22 | 20 4 | 13 56 | 0 16 | 21 41 | 0 24 | 3 57 | 1 22 | 7 45 | 1 27 | 5 58 | 1 20 | 20 18 | 1 59 | 21 31 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 8 | 14 48 | 1 6 | 8 22 | 1 21 |
| S 23 | 20 17 | 18 37 | 0 s51 | 21 8 | 0 4 | 4 15 | 1 26 | 7 30 | 1 24 | 5 57 | 1 20 | 20 18 | 1 59 | 21 31 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 8 | 14 47 | 1 3 | 8 21 | 1 21 |
| S 24 | 20 29 | 22 35 | 1 57 | 20 33 | 0n17 | 4 34 | 1 31 | 7 15 | 1 22 | 5 56 | 1 20 | 20 17 | 1 59 | 21 30 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 7 | 14 46 | 0 59 | 8 20 | 1 20 |
| M25 | 20 41 | 25 33 | 2 58 | 19 57 | 0 37 | 4 53 | 1 35 | 7 0 | 1 19 | 5 55 | 1 20 | 20 17 | 1 59 | 21 30 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 7 | 14 45 | 0 56 | 8 20 | 1 20 |
| T 26 | 20 53 | 27 14 | 3 52 | 19 22 | 0 57 | 5 13 | 1 40 | 6 44 | 1 17 | 5 54 | 1 19 | 20 16 | 1 59 | 21 29 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 6 | 14 44 | 0 53 | 8 19 | 1 20 |
| W27 | 21 4 | 27 26 | 4 34 | 18 48 | 1 15 | 5 32 | 1 44 | 6 29 | 1 14 | 5 52 | 1 19 | 20 15 | 1 59 | 21 29 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 4 | 14 42 | 0 50 | 8 18 | 1 20 |
| T 28 | 21 14 | 26 3 | 5 2 | 18 16 | 1 32 | 5 52 | 1 48 | 6 14 | 1 12 | 5 51 | 1 19 | 20 15 | 1 59 | 21 28 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 3 | 14 41 | 0 46 | 8 17 | 1 20 |
| F 29 | 21 25 | 23 9 | 5 13 | 17 48 | 1 47 | 6 12 | 1 51 | 5 58 | 1 9 | 5 49 | 1 19 | 20 14 | 1 59 | 21 28 | 0 30 | 15 31 | 0 1 | 18 19 | 4 33 | 15 2 | 14 40 | 0 43 | 8 17 | 1 20 |
| S 30 | 21 s35 | 18 s56 | 5 s 8 | 17 s23 | 2n 0 | 6 s32 | 1n55 | 5 s43 | 1 s 7 | 5 s48 | 1 s19 | 20n14 | 1 s59 | 21 s27 | 0 s30 | 15n32 | 0 s 1 | 18n20 | 4 s33 | 15n 1 | 14n39 | 0n40 | 8n16 | 1n20 |

Julian Day Number = 2602694.5, Delta T = 09m18s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'33, Lahiri = 29°38'35


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# ASTRODIENST EPHEMERIS for the year 2413
# geocentric

## DECEMBER 2413 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 40 34 | 8♐54'27 | 6♓ 7 | 25°R53 | 22♎24 | 18♓42 | 18♓25 | 12°R 3 | 25♑43 | 17°R32 | 11°R56 | 10°D45 | 9♉33 | 5♎13 | 17°R57 | S 1 |
| M 2 | 4 44 31 | 9°55'07 | 20°13 | 25♏24 | 23°27 | 19°17 | 18°29 | 11♊58 | 25°45 | 17♌32 | 11♋55 | 10♉46 | 9°30 | 5°19 | 17♈55 | M 2 |
| T 3 | 4 48 27 | 10°55'47 | 4♈28 | 25° 7 | 24°31 | 19°52 | 18°33 | 11°53 | 25°48 | 17°31 | 11°54 | 10°47 | 9°27 | 5°26 | 17°54 | T 3 |
| W 4 | 4 52 24 | 11°56'28 | 18°49 | 25°D 1 | 25°35 | 20°27 | 18°37 | 11°48 | 25°51 | 17°31 | 11°53 | 10°49 | 9°24 | 5°33 | 17°53 | W 4 |
| T 5 | 4 56 20 | 12°57'10 | 3♉14 | 25° 6 | 26°39 | 21° 2 | 18°42 | 11°43 | 25°54 | 17°30 | 11°52 | 10°50 | 9°20 | 5°39 | 17°51 | T 5 |
| F 6 | 5 0 17 | 13°57'53 | 17°39 | 25°21 | 27°43 | 21°37 | 18°46 | 11°38 | 25°57 | 17°30 | 11°51 | 10°R50 | 9°17 | 5°46 | 17°50 | F 6 |
| S 7 | 5 4 14 | 14°58'38 | 1♊59 | 25°45 | 28°48 | 22°13 | 18°51 | 11°33 | 25°59 | 17°29 | 11°50 | 10°48 | 9°14 | 5°53 | 17°49 | S 7 |
| S 8 | 5 8 10 | 15°59'24 | 16° 9 | 26°18 | 29°53 | 22°48 | 18°56 | 11°28 | 26° 2 | 17°29 | 11°48 | 10°45 | 9°11 | 5°59 | 17°48 | S 8 |
| M 9 | 5 12 7 | 17° 0'11 | 0♋ 3 | 26°58 | 0♏59 | 23°24 | 19° 1 | 11°23 | 26° 5 | 17°28 | 11°47 | 10°40 | 9° 8 | 6° 6 | 17°46 | M 9 |
| T 10 | 5 16 3 | 18° 0'59 | 13°39 | 27°45 | 2° 5 | 24° 0 | 19° 6 | 11°19 | 26° 8 | 17°27 | 11°46 | 10°33 | 9° 5 | 6°13 | 17°45 | T 10 |
| W11 | 5 20 0 | 19° 1'48 | 26°53 | 28°37 | 3°11 | 24°36 | 19°11 | 11°14 | 26°11 | 17°27 | 11°45 | 10°27 | 9° 1 | 6°19 | 17°44 | W11 |
| T 12 | 5 23 56 | 20° 2'39 | 9♌46 | 29°35 | 4°17 | 25°12 | 19°17 | 11° 9 | 26°14 | 17°26 | 11°44 | 10°20 | 8°58 | 6°26 | 17°43 | T 12 |
| F 13 | 5 27 53 | 21° 3'30 | 22°18 | 0♐37 | 5°23 | 25°48 | 19°23 | 11° 4 | 26°17 | 17°25 | 11°43 | 10°15 | 8°55 | 6°33 | 17°43 | F 13 |
| S 14 | 5 31 50 | 22° 4'23 | 4♍33 | 1°43 | 6°30 | 26°25 | 19°29 | 10°59 | 26°20 | 17°24 | 11°42 | 10°11 | 8°52 | 6°39 | 17°42 | S 14 |
| S 15 | 5 35 46 | 23° 5'18 | 16°34 | 2°53 | 7°37 | 27° 1 | 19°35 | 10°54 | 26°23 | 17°24 | 11°41 | 10° 9 | 8°49 | 6°46 | 17°41 | S 15 |
| M16 | 5 39 43 | 24° 6'13 | 28°26 | 4° 5 | 8°44 | 27°38 | 19°41 | 10°50 | 26°27 | 17°23 | 11°40 | 10°D 9 | 8°46 | 6°53 | 17°40 | M16 |
| T 17 | 5 43 39 | 25° 7'10 | 10♎15 | 5°20 | 9°52 | 28°14 | 19°48 | 10°45 | 26°30 | 17°22 | 11°38 | 10°10 | 8°42 | 6°59 | 17°39 | T 17 |
| W18 | 5 47 36 | 26° 8'08 | 22° 6 | 6°37 | 10°59 | 28°51 | 19°54 | 10°40 | 26°33 | 17°21 | 11°37 | 10°12 | 8°39 | 7° 6 | 17°39 | W18 |
| T 19 | 5 51 32 | 27° 9'07 | 4♏ 3 | 7°56 | 12° 7 | 29°28 | 20° 1 | 10°36 | 26°36 | 17°20 | 11°36 | 10°R13 | 8°36 | 7°13 | 17°38 | T 19 |
| F 20 | 5 55 29 | 28°10'07 | 16°11 | 9°17 | 13°15 | 0♈ 5 | 20° 8 | 10°31 | 26°39 | 17°19 | 11°35 | 10°13 | 8°33 | 7°19 | 17°38 | F 20 |
| S 21 | 5 59 25 | 29°11'08 | 28°35 | 10°39 | 14°23 | 0°42 | 20°15 | 10°27 | 26°43 | 17°18 | 11°34 | 10°11 | 8°30 | 7°26 | 17°37 | S 21 |
| S 22 | 6 3 22 | 0♑12'10 | 11♐16 | 12° 2 | 15°32 | 1°20 | 20°22 | 10°22 | 26°46 | 17°17 | 11°33 | 10° 7 | 8°26 | 7°33 | 17°37 | S 22 |
| M23 | 6 7 19 | 1°13'13 | 24°15 | 13°26 | 16°40 | 1°57 | 20°30 | 10°18 | 26°49 | 17°16 | 11°31 | 10° 0 | 8°23 | 7°39 | 17°36 | M23 |
| T 24 | 6 11 15 | 2°14'16 | 7♑33 | 14°52 | 17°49 | 2°34 | 20°38 | 10°13 | 26°52 | 17°15 | 11°30 | 9°52 | 8°20 | 7°46 | 17°36 | T 24 |
| W25 | 6 15 12 | 3°15'20 | 21° 8 | 16°18 | 18°58 | 3°12 | 20°45 | 10° 9 | 26°56 | 17°14 | 11°29 | 9°43 | 8°17 | 7°53 | 17°36 | W25 |
| T 26 | 6 19 8 | 4°16'25 | 4♒56 | 17°45 | 20° 7 | 3°49 | 20°53 | 10° 5 | 26°59 | 17°13 | 11°28 | 9°33 | 8°14 | 7°59 | 17°36 | T 26 |
| F 27 | 6 23 5 | 5°17'30 | 18°53 | 19°12 | 21°16 | 4°27 | 21° 1 | 10° 1 | 27° 2 | 17°12 | 11°27 | 9°24 | 8°11 | 8° 6 | 17°36 | F 27 |
| S 28 | 6 27 1 | 6°18'36 | 2♓57 | 20°41 | 22°26 | 5° 5 | 21°10 | 9°56 | 27° 6 | 17°11 | 11°25 | 9°18 | 8° 7 | 8°13 | 17°D36 | S 28 |
| S 29 | 6 30 58 | 7°19'41 | 17° 4 | 22° 9 | 23°35 | 5°43 | 21°18 | 9°52 | 27° 9 | 17° 9 | 11°24 | 9°13 | 8° 4 | 8°19 | 17°36 | S 29 |
| M30 | 6 34 54 | 8°20'47 | 1♈11 | 23°38 | 24°45 | 6°21 | 21°26 | 9°48 | 27°13 | 17° 8 | 11°23 | 9°11 | 8° 1 | 8°26 | 17°36 | M30 |
| T 31 | 6 38 51 | 9♑21'53 | 15♈17 | 25♐ 8 | 25♏55 | 6♈58 | 21♓35 | 9♊44 | 27♑16 | 17♌ 7 | 11♋22 | 9°D11 | 7♉58 | 8♎33 | 17♈36 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s44 | 13s39 | 4s44 | 17s 4 | 2n11 | 6s52 | 1n58 | 5s27 | 1s 5 | 5s46 | 1s18 | 20n13 | 1s59 | 21s27 | 0s30 | 15n32 | 0s 1 | 18n20 | 4s33 | 15n 1 | 14n38 | 0n36 | 8n15 | 1n19 |
| M 2 | 21 53 | 7 35 | 4 3 | 16 48 | 2 20 | 7 12 | 2 2 | 5 11 | 1 2 | 5 45 | 1 18 | 20 13 | 1 59 | 21 26 | 0 30 | 15 32 | 0 1 | 18 20 | 4 33 | 15 1 | 14 37 | 0 33 | 8 14 | 1 19 |
| T 3 | 22 2 | 1 5 | 3 6 | 16 38 | 2 27 | 7 33 | 2 5 | 4 56 | 1 0 | 5 43 | 1 18 | 20 12 | 1 59 | 21 26 | 0 30 | 15 32 | 0 1 | 18 20 | 4 33 | 15 2 | 14 36 | 0 30 | 8 14 | 1 19 |
| W 4 | 22 10 | 5n33 | 1 58 | 16 32 | 2 32 | 7 53 | 2 8 | 4 40 | 0 58 | 5 41 | 1 18 | 20 11 | 1 59 | 21 25 | 0 30 | 15 32 | 0 1 | 18 20 | 4 33 | 15 2 | 14 35 | 0 26 | 8 13 | 1 19 |
| T 5 | 22 18 | 11 55 | 0 41 | 16 30 | 2 35 | 8 14 | 2 10 | 4 24 | 0 56 | 5 39 | 1 17 | 20 11 | 1 59 | 21 25 | 0 30 | 15 32 | 0 1 | 18 20 | 4 33 | 15 3 | 14 34 | 0 23 | 8 12 | 1 19 |
| F 6 | 22 26 | 17 39 | 0n37 | 16 32 | 2 36 | 8 34 | 2 13 | 4 8 | 0 53 | 5 37 | 1 17 | 20 10 | 1 59 | 21 24 | 0 30 | 15 32 | 0 1 | 18 20 | 4 33 | 15 3 | 14 33 | 0 20 | 8 12 | 1 19 |
| S 7 | 22 33 | 22 21 | 1 53 | 16 38 | 2 36 | 8 55 | 2 15 | 3 52 | 0 51 | 5 35 | 1 17 | 20 10 | 1 59 | 21 24 | 0 30 | 15 33 | 0 1 | 18 20 | 4 33 | 15 2 | 14 32 | 0 17 | 8 11 | 1 19 |
| S 8 | 22 39 | 25 40 | 3 1 | 16 47 | 2 35 | 9 15 | 2 18 | 3 36 | 0 49 | 5 33 | 1 17 | 20 9 | 1 58 | 21 23 | 0 30 | 15 33 | 0 1 | 18 20 | 4 33 | 15 1 | 14 31 | 0 13 | 8 11 | 1 18 |
| M 9 | 22 45 | 27 19 | 3 56 | 16 58 | 2 32 | 9 36 | 2 20 | 3 20 | 0 47 | 5 31 | 1 16 | 20 9 | 1 58 | 21 23 | 0 30 | 15 33 | 0 1 | 18 20 | 4 33 | 14 59 | 14 30 | 0 10 | 8 10 | 1 18 |
| T 10 | 22 51 | 27 17 | 4 37 | 17 12 | 2 29 | 9 57 | 2 22 | 3 4 | 0 45 | 5 28 | 1 16 | 20 8 | 1 58 | 21 22 | 0 30 | 15 33 | 0 1 | 18 20 | 4 33 | 14 57 | 14 29 | 0 7 | 8 9 | 1 18 |
| W11 | 22 56 | 25 40 | 5 2 | 17 27 | 2 25 | 10 17 | 2 24 | 2 48 | 0 43 | 5 26 | 1 16 | 20 7 | 1 58 | 21 21 | 0 30 | 15 33 | 0 1 | 18 21 | 4 33 | 14 55 | 14 28 | 0 3 | 8 9 | 1 18 |
| T 12 | 23 1 | 22 44 | 5 10 | 17 44 | 2 20 | 10 38 | 2 26 | 2 32 | 0 41 | 5 24 | 1 16 | 20 7 | 1 58 | 21 21 | 0 30 | 15 34 | 0 1 | 18 21 | 4 33 | 14 53 | 14 27 | 0s 0 | 8 8 | 1 18 |
| F 13 | 23 5 | 18 50 | 5 3 | 18 3 | 2 14 | 10 59 | 2 27 | 2 16 | 0 39 | 5 21 | 1 16 | 20 6 | 1 58 | 21 20 | 0 30 | 15 34 | 0 1 | 18 21 | 4 33 | 14 52 | 14 26 | 0 3 | 8 8 | 1 18 |
| S 14 | 23 9 | 14 12 | 4 43 | 18 22 | 2 8 | 11 19 | 2 29 | 2 0 | 0 37 | 5 19 | 1 15 | 20 6 | 1 58 | 21 20 | 0 30 | 15 34 | 0 1 | 18 21 | 4 33 | 14 51 | 14 25 | 0 7 | 8 7 | 1 18 |
| S 15 | 23 12 | 9 8 | 4 10 | 18 42 | 2 2 | 11 39 | 2 30 | 1 43 | 0 35 | 5 16 | 1 15 | 20 5 | 1 58 | 21 19 | 0 30 | 15 34 | 0 1 | 18 21 | 4 33 | 14 50 | 14 24 | 0 10 | 8 7 | 1 17 |
| M16 | 23 15 | 3 47 | 3 27 | 19 2 | 1 55 | 12 0 | 2 31 | 1 27 | 0 33 | 5 13 | 1 15 | 20 5 | 1 58 | 21 18 | 0 30 | 15 35 | 0 1 | 18 21 | 4 33 | 14 50 | 14 23 | 0 13 | 8 7 | 1 17 |
| T 17 | 23 18 | 1s40 | 2 35 | 19 22 | 1 48 | 12 20 | 2 32 | 1 11 | 0 32 | 5 11 | 1 15 | 20 4 | 1 57 | 21 18 | 0 30 | 15 35 | 0 1 | 18 21 | 4 33 | 14 50 | 14 22 | 0 17 | 8 6 | 1 17 |
| W18 | 23 20 | 7 6 | 1 37 | 19 43 | 1 41 | 12 40 | 2 33 | 0 55 | 0 30 | 5 8 | 1 15 | 20 4 | 1 57 | 21 17 | 0 30 | 15 35 | 0 1 | 18 21 | 4 32 | 14 51 | 14 21 | 0 20 | 8 6 | 1 17 |
| T 19 | 23 21 | 12 19 | 0 33 | 20 3 | 1 34 | 13 0 | 2 34 | 0 38 | 0 28 | 5 5 | 1 14 | 20 3 | 1 57 | 21 17 | 0 30 | 15 36 | 0 1 | 18 21 | 4 32 | 14 51 | 14 20 | 0 23 | 8 5 | 1 17 |
| F 20 | 23 22 | 17 10 | 0s32 | 20 23 | 1 26 | 13 20 | 2 34 | 0 22 | 0 26 | 5 2 | 1 14 | 20 3 | 1 57 | 21 16 | 0 30 | 15 36 | 0 1 | 18 22 | 4 32 | 14 51 | 14 19 | 0 27 | 8 5 | 1 17 |
| S 21 | 23 23 | 21 23 | 1 37 | 20 42 | 1 18 | 13 39 | 2 35 | 0 6 | 0 24 | 4 59 | 1 14 | 20 2 | 1 57 | 21 15 | 0 30 | 15 36 | 0 1 | 18 22 | 4 32 | 14 50 | 14 18 | 0 30 | 8 5 | 1 17 |
| S 22 | 23 23 | 24 42 | 2 39 | 21 1 | 1 11 | 13 59 | 2 35 | 0n11 | 0 23 | 4 56 | 1 14 | 20 2 | 1 57 | 21 15 | 0 30 | 15 36 | 0 1 | 18 22 | 4 32 | 14 49 | 14 17 | 0 33 | 8 5 | 1 16 |
| M23 | 23 23 | 26 50 | 3 34 | 21 20 | 1 3 | 14 18 | 2 35 | 0 27 | 0 21 | 4 53 | 1 14 | 20 1 | 1 57 | 21 14 | 0 30 | 15 37 | 0 1 | 18 22 | 4 32 | 14 47 | 14 16 | 0 37 | 8 4 | 1 16 |
| T 24 | 23 22 | 27 29 | 4 19 | 21 37 | 0 55 | 14 37 | 2 35 | 0 43 | 0 19 | 4 50 | 1 13 | 20 1 | 1 56 | 21 13 | 0 30 | 15 37 | 0 1 | 18 22 | 4 32 | 14 44 | 14 15 | 0 40 | 8 4 | 1 16 |
| W25 | 23 21 | 26 30 | 4 50 | 21 54 | 0 47 | 14 56 | 2 35 | 1 0 | 0 18 | 4 47 | 1 13 | 20 0 | 1 56 | 21 13 | 0 30 | 15 37 | 0 1 | 18 22 | 4 32 | 14 41 | 14 14 | 0 43 | 8 4 | 1 16 |
| T 26 | 23 19 | 23 55 | 5 4 | 22 10 | 0 39 | 15 14 | 2 35 | 1 16 | 0 16 | 4 43 | 1 13 | 20 0 | 1 56 | 21 12 | 0 30 | 15 38 | 0 1 | 18 22 | 4 32 | 14 38 | 14 13 | 0 46 | 8 4 | 1 16 |
| F 27 | 23 17 | 19 54 | 5 1 | 22 25 | 0 32 | 15 33 | 2 35 | 1 33 | 0 14 | 4 40 | 1 13 | 20 0 | 1 56 | 21 12 | 0 30 | 15 38 | 0 1 | 18 23 | 4 32 | 14 36 | 14 12 | 0 50 | 8 3 | 1 16 |
| S 28 | 23 14 | 14 45 | 4 40 | 22 40 | 0 24 | 15 51 | 2 35 | 1 49 | 0 13 | 4 37 | 1 13 | 19 59 | 1 56 | 21 11 | 0 30 | 15 38 | 0 1 | 18 23 | 4 32 | 14 34 | 14 11 | 0 53 | 8 3 | 1 15 |
| S 29 | 23 11 | 8 48 | 4 2 | 22 53 | 0 16 | 16 8 | 2 34 | 2 5 | 0 11 | 4 33 | 1 12 | 19 59 | 1 55 | 21 10 | 0 30 | 15 39 | 0 1 | 18 23 | 4 32 | 14 32 | 14 10 | 0 56 | 8 3 | 1 15 |
| M30 | 23 8 | 2 25 | 3 9 | 23 5 | 0 9 | 16 26 | 2 34 | 2 22 | 0 10 | 4 30 | 1 12 | 19 58 | 1 55 | 21 10 | 0 30 | 15 39 | 0 1 | 18 23 | 4 32 | 14 32 | 14 9 | 1 0 | 8 3 | 1 15 |
| T 31 | 23s 3 | 4n 6 | 2s 4 | 23s16 | 0n 2 | 16s43 | 2n33 | 2n38 | 0s 8 | 4s26 | 1s12 | 19n58 | 1s55 | 21s 9 | 0s30 | 15n40 | 0s 1 | 18n23 | 4s32 | 14n32 | 14n 8 | 1s 3 | 8n 3 | 1n15 |

Julian Day Number = 2602724.5, Delta T = 09m18s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'38, Lahiri = 29°38'39


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## JANUARY 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 42 48 | 10♑22'59 | 29♈21 | 26♐38 | 27♏ 5 | 7♈37 | 21♓44 | 9°R40 | 27♑19 | 17°R 6 | 11°R20 | 9♉12 | 7♉55 | 8♎39 | 17♈36 | W 1 |
| T 2 | 6 46 44 | 11°24'05 | 13♉23 | 28° 8 | 28°15 | 8°15 | 21°53 | 9♊37 | 27°23 | 17♎ 4 | 11♋19 | 9°R12 | 7°52 | 8°46 | 17°36 | T 2 |
| F 3 | 6 50 41 | 12°25'11 | 27°20 | 29°39 | 29°25 | 8°53 | 22° 2 | 9°33 | 27°26 | 17° 3 | 11°18 | 9°11 | 7°48 | 8°53 | 17°36 | F 3 |
| S 4 | 6 54 37 | 13°26'17 | 11♊12 | 1♑10 | 0♐36 | 9°31 | 22°11 | 9°29 | 27°30 | 17° 2 | 11°17 | 9° 7 | 7°45 | 8°59 | 17°37 | S 4 |
| S 5 | 6 58 34 | 14°27'23 | 24°55 | 2°41 | 1°46 | 10° 9 | 22°20 | 9°26 | 27°33 | 17° 0 | 11°16 | 9° 0 | 7°42 | 9° 6 | 17°37 | S 5 |
| M 6 | 7 2 30 | 15°28'30 | 8♋28 | 4°13 | 2°57 | 10°48 | 22°30 | 9°22 | 27°37 | 16°59 | 11°14 | 8°50 | 7°39 | 9°13 | 17°38 | M 6 |
| T 7 | 7 6 27 | 16°29'36 | 21°47 | 5°45 | 4° 7 | 11°26 | 22°40 | 9°19 | 27°40 | 16°58 | 11°13 | 8°39 | 7°36 | 9°19 | 17°38 | T 7 |
| W 8 | 7 10 23 | 17°30'43 | 4♌51 | 7°17 | 5°18 | 12° 5 | 22°49 | 9°15 | 27°44 | 16°56 | 11°12 | 8°26 | 7°32 | 9°26 | 17°39 | W 8 |
| T 9 | 7 14 20 | 18°31'50 | 17°37 | 8°50 | 6°29 | 12°43 | 22°59 | 9°12 | 27°47 | 16°55 | 11°11 | 8°14 | 7°29 | 9°33 | 17°39 | T 9 |
| F 10 | 7 18 17 | 19°32'57 | 0♍ 6 | 10°23 | 7°40 | 13°22 | 23° 9 | 9° 9 | 27°51 | 16°53 | 11°10 | 8° 3 | 7°26 | 9°39 | 17°40 | F 10 |
| S 11 | 7 22 13 | 20°34'04 | 12°20 | 11°56 | 8°51 | 14° 0 | 23°19 | 9° 6 | 27°54 | 16°52 | 11° 8 | 7°55 | 7°23 | 9°46 | 17°41 | S 11 |
| S 12 | 7 26 10 | 21°35'12 | 24°20 | 13°30 | 10° 3 | 14°39 | 23°29 | 9° 3 | 27°58 | 16°50 | 11° 7 | 7°49 | 7°20 | 9°53 | 17°42 | S 12 |
| M13 | 7 30 6 | 22°36'19 | 6♎12 | 15° 4 | 11°14 | 15°17 | 23°40 | 9° 0 | 28° 2 | 16°49 | 11° 6 | 7°45 | 7°17 | 9°59 | 17°43 | M13 |
| T 14 | 7 34 3 | 23°37'27 | 18° 1 | 16°39 | 12°25 | 15°56 | 23°50 | 8°57 | 28° 5 | 16°47 | 11° 5 | 7°44 | 7°13 | 10° 6 | 17°44 | T 14 |
| W15 | 7 37 59 | 24°38'35 | 29°50 | 18°14 | 13°37 | 16°35 | 24° 1 | 8°55 | 28° 9 | 16°46 | 11° 4 | 7°D44 | 7°10 | 10°13 | 17°45 | W15 |
| T 16 | 7 41 56 | 25°39'43 | 11♏47 | 19°49 | 14°48 | 17°14 | 24°11 | 8°52 | 28°12 | 16°44 | 11° 2 | 7°R44 | 7° 7 | 10°19 | 17°46 | T 16 |
| F 17 | 7 45 52 | 26°40'51 | 23°56 | 21°25 | 16° 0 | 17°53 | 24°22 | 8°50 | 28°16 | 16°43 | 11° 1 | 7°43 | 7° 4 | 10°26 | 17°47 | F 17 |
| S 18 | 7 49 49 | 27°41'59 | 6♐22 | 23° 1 | 17°12 | 18°31 | 24°33 | 8°47 | 28°19 | 16°41 | 11° 0 | 7°40 | 7° 1 | 10°33 | 17°48 | S 18 |
| S 19 | 7 53 46 | 28°43'07 | 19°10 | 24°38 | 18°24 | 19°10 | 24°44 | 8°45 | 28°23 | 16°40 | 10°59 | 7°34 | 6°58 | 10°39 | 17°49 | S 19 |
| M20 | 7 57 42 | 29°44'15 | 2♑22 | 26°15 | 19°36 | 19°49 | 24°55 | 8°43 | 28°26 | 16°38 | 10°58 | 7°25 | 6°54 | 10°46 | 17°50 | M20 |
| T 21 | 8 1 39 | 0♒45'23 | 15°58 | 27°52 | 20°48 | 20°28 | 25° 7 | 8°41 | 28°30 | 16°36 | 10°57 | 7°14 | 6°51 | 10°53 | 17°52 | T 21 |
| W22 | 8 5 35 | 1°46'31 | 29°55 | 29°30 | 22° 0 | 21° 7 | 25°18 | 8°39 | 28°34 | 16°35 | 10°56 | 7° 2 | 6°48 | 10°59 | 17°53 | W22 |
| T 23 | 8 9 32 | 2°47'38 | 14♒10 | 1♒ 9 | 23°12 | 21°46 | 25°29 | 8°37 | 28°37 | 16°33 | 10°54 | 6°49 | 6°45 | 11° 6 | 17°54 | T 23 |
| F 24 | 8 13 28 | 3°48'44 | 28°37 | 2°48 | 24°24 | 22°26 | 25°41 | 8°35 | 28°41 | 16°31 | 10°53 | 6°37 | 6°42 | 11°12 | 17°56 | F 24 |
| S 25 | 8 17 25 | 4°49'50 | 13♓ 8 | 4°28 | 25°36 | 23° 5 | 25°52 | 8°33 | 28°44 | 16°30 | 10°52 | 6°28 | 6°38 | 11°19 | 17°57 | S 25 |
| S 26 | 8 21 22 | 5°50'55 | 27°37 | 6° 8 | 26°49 | 23°44 | 26° 4 | 8°32 | 28°48 | 16°28 | 10°51 | 6°22 | 6°35 | 11°26 | 17°59 | S 26 |
| M27 | 8 25 18 | 6°51'59 | 12♈ 0 | 7°49 | 28° 1 | 24°23 | 26°16 | 8°30 | 28°51 | 16°27 | 10°50 | 6°18 | 6°32 | 11°32 | 18° 1 | M27 |
| T 28 | 8 29 15 | 7°53'02 | 26°13 | 9°30 | 29°14 | 25° 2 | 26°28 | 8°29 | 28°55 | 16°25 | 10°49 | 6°17 | 6°29 | 11°39 | 18° 2 | T 28 |
| W29 | 8 33 11 | 8°54'05 | 10♉15 | 11°12 | 0♑26 | 25°41 | 26°40 | 8°28 | 28°58 | 16°23 | 10°48 | 6°17 | 6°26 | 11°46 | 18° 4 | W29 |
| T 30 | 8 37 8 | 9°55'06 | 24° 5 | 12°54 | 1°39 | 26°21 | 26°52 | 8°27 | 29° 2 | 16°21 | 10°47 | 6°16 | 6°23 | 11°52 | 18° 6 | T 30 |
| F 31 | 8 41 4 | 10♒56'07 | 7♊45 | 14♒37 | 2♑51 | 27♈ 0 | 27♓ 4 | 8♊26 | 29♑ 5 | 16♌20 | 10♋46 | 6♉14 | 6♉19 | 11♎59 | 18♈ 8 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22s59 | 10n24 | 0s52 | 23s26 | 0s 6 | 17s 0 | 2n32 | 2n55 | 0s 7 | 4s22 | 1s12 | 19n58 | 1s55 | 21s 8 | 0s30 | 15n40 | 0s 1 | 18n23 | 4s32 | 14n32 | 14n 7 | 1s 6 | 8n 3 | 1n15 |
| T 2 | 22 54 | 16 10 | 0n22 | 23 35 | 0 13 | 17 16 | 2 31 | 3 11 | 0 5 | 4 19 | 1 12 | 19 57 | 1 55 | 21 8 | 0 30 | 15 40 | 0 1 | 18 23 | 4 32 | 14 32 | 14 6 | 1 10 | 8 3 | 1 15 |
| F 3 | 22 49 | 21 4 | 1 35 | 23 43 | 0 20 | 17 32 | 2 30 | 3 27 | 0 4 | 4 15 | 1 11 | 19 57 | 1 54 | 21 7 | 0 30 | 15 41 | 0 1 | 18 24 | 4 32 | 14 31 | 14 5 | 1 13 | 8 3 | 1 15 |
| S 4 | 22 43 | 24 44 | 2 42 | 23 50 | 0 27 | 17 48 | 2 29 | 3 44 | 0 2 | 4 11 | 1 11 | 19 56 | 1 54 | 21 6 | 0 30 | 15 41 | 0 1 | 18 24 | 4 32 | 14 30 | 14 4 | 1 16 | 8 3 | 1 14 |
| S 5 | 22 36 | 26 55 | 3 38 | 23 55 | 0 33 | 18 3 | 2 28 | 4 0 | 0 1 | 4 7 | 1 11 | 19 56 | 1 54 | 21 5 | 0 30 | 15 42 | 0 1 | 18 24 | 4 32 | 14 28 | 14 3 | 1 20 | 8 3 | 1 14 |
| M 6 | 22 30 | 27 28 | 4 21 | 23 59 | 0 40 | 18 18 | 2 27 | 4 16 | 0n 0 | 4 3 | 1 11 | 19 56 | 1 54 | 21 5 | 0 30 | 15 42 | 0 1 | 18 24 | 4 32 | 14 25 | 14 2 | 1 23 | 8 3 | 1 14 |
| T 7 | 22 22 | 26 23 | 4 49 | 24 2 | 0 46 | 18 33 | 2 25 | 4 32 | 0 2 | 3 59 | 1 11 | 19 56 | 1 54 | 21 4 | 0 30 | 15 43 | 0 1 | 18 24 | 4 32 | 14 21 | 14 1 | 1 26 | 8 3 | 1 14 |
| W 8 | 22 15 | 23 53 | 5 1 | 24 4 | 0 53 | 18 47 | 2 24 | 4 49 | 0 3 | 3 55 | 1 11 | 19 55 | 1 53 | 21 3 | 0 30 | 15 43 | 0 1 | 18 24 | 4 32 | 14 17 | 14 0 | 1 30 | 8 3 | 1 14 |
| T 9 | 22 7 | 20 15 | 4 58 | 24 4 | 0 59 | 19 1 | 2 22 | 5 5 | 0 4 | 3 51 | 1 10 | 19 55 | 1 53 | 21 3 | 0 30 | 15 43 | 0 1 | 18 25 | 4 31 | 14 13 | 13 59 | 1 33 | 8 3 | 1 14 |
| F 10 | 21 58 | 15 47 | 4 40 | 24 3 | 1 4 | 19 14 | 2 20 | 5 21 | 0 6 | 3 47 | 1 10 | 19 55 | 1 53 | 21 2 | 0 30 | 15 44 | 0 1 | 18 25 | 4 31 | 14 10 | 13 58 | 1 36 | 8 3 | 1 14 |
| S 11 | 21 49 | 10 46 | 4 10 | 24 1 | 1 10 | 19 27 | 2 19 | 5 37 | 0 7 | 3 43 | 1 10 | 19 55 | 1 53 | 21 1 | 0 30 | 15 44 | 0 1 | 18 25 | 4 31 | 14 7 | 13 57 | 1 40 | 8 3 | 1 13 |
| S 12 | 21 40 | 5 26 | 3 29 | 23 57 | 1 16 | 19 39 | 2 17 | 5 53 | 0 8 | 3 39 | 1 10 | 19 54 | 1 53 | 21 1 | 0 30 | 15 45 | 0 1 | 18 25 | 4 31 | 14 5 | 13 56 | 1 43 | 8 3 | 1 13 |
| M13 | 21 30 | 0s 2 | 2 39 | 23 53 | 1 21 | 19 51 | 2 15 | 6 9 | 0 10 | 3 35 | 1 10 | 19 54 | 1 52 | 21 0 | 0 30 | 15 45 | 0 1 | 18 25 | 4 31 | 14 4 | 13 55 | 1 46 | 8 4 | 1 13 |
| T 14 | 21 20 | 5 28 | 1 43 | 23 46 | 1 26 | 20 2 | 2 13 | 6 25 | 0 11 | 3 30 | 1 10 | 19 54 | 1 52 | 20 59 | 0 30 | 15 46 | 0 1 | 18 25 | 4 31 | 14 4 | 13 54 | 1 50 | 8 4 | 1 13 |
| W15 | 21 9 | 10 44 | 0 42 | 23 39 | 1 30 | 20 13 | 2 11 | 6 41 | 0 12 | 3 26 | 1 9 | 19 54 | 1 52 | 20 59 | 0 30 | 15 46 | 0 1 | 18 26 | 4 31 | 14 3 | 13 53 | 1 53 | 8 4 | 1 13 |
| T 16 | 20 58 | 15 41 | 0s21 | 23 30 | 1 35 | 20 24 | 2 9 | 6 57 | 0 13 | 3 22 | 1 9 | 19 54 | 1 52 | 20 58 | 0 30 | 15 47 | 0 1 | 18 26 | 4 31 | 14 3 | 13 52 | 1 56 | 8 4 | 1 13 |
| F 17 | 20 46 | 20 5 | 1 25 | 23 19 | 1 39 | 20 34 | 2 6 | 7 13 | 0 14 | 3 17 | 1 9 | 19 53 | 1 51 | 20 57 | 0 30 | 15 47 | 0 1 | 18 26 | 4 31 | 14 3 | 13 51 | 2 0 | 8 5 | 1 13 |
| S 18 | 20 35 | 23 43 | 2 25 | 23 7 | 1 43 | 20 43 | 2 4 | 7 29 | 0 15 | 3 13 | 1 9 | 19 53 | 1 51 | 20 56 | 0 30 | 15 48 | 0 1 | 18 26 | 4 31 | 14 2 | 13 49 | 2 3 | 8 5 | 1 12 |
| S 19 | 20 22 | 26 17 | 3 21 | 22 54 | 1 47 | 20 52 | 2 2 | 7 45 | 0 17 | 3 8 | 1 9 | 19 53 | 1 51 | 20 56 | 0 30 | 15 48 | 0 1 | 18 26 | 4 31 | 14 0 | 13 48 | 2 6 | 8 5 | 1 12 |
| M20 | 20 10 | 27 28 | 4 7 | 22 40 | 1 50 | 21 0 | 1 59 | 8 1 | 0 18 | 3 4 | 1 9 | 19 53 | 1 51 | 20 55 | 0 30 | 15 49 | 0 1 | 18 26 | 4 31 | 13 58 | 13 47 | 2 10 | 8 6 | 1 12 |
| T 21 | 19 57 | 27 4 | 4 40 | 22 24 | 1 53 | 21 8 | 1 57 | 8 16 | 0 19 | 2 59 | 1 9 | 19 53 | 1 50 | 20 54 | 0 30 | 15 49 | 0 1 | 18 27 | 4 31 | 13 54 | 13 46 | 2 13 | 8 6 | 1 12 |
| W22 | 19 43 | 24 58 | 4 58 | 22 6 | 1 56 | 21 15 | 1 54 | 8 32 | 0 20 | 2 55 | 1 8 | 19 53 | 1 50 | 20 54 | 0 30 | 15 50 | 0 1 | 18 27 | 4 30 | 13 50 | 13 45 | 2 16 | 8 6 | 1 12 |
| T 23 | 19 30 | 21 17 | 4 58 | 21 47 | 1 59 | 21 21 | 1 52 | 8 48 | 0 21 | 2 50 | 1 8 | 19 53 | 1 50 | 20 53 | 0 30 | 15 50 | 0 0 | 18 27 | 4 30 | 13 46 | 13 44 | 2 20 | 8 7 | 1 12 |
| F 24 | 19 15 | 16 17 | 4 39 | 21 27 | 2 1 | 21 27 | 1 49 | 9 3 | 0 22 | 2 45 | 1 8 | 19 53 | 1 50 | 20 52 | 0 30 | 15 51 | 0 0 | 18 27 | 4 30 | 13 42 | 13 43 | 2 23 | 8 7 | 1 12 |
| S 25 | 19 1 | 10 20 | 4 2 | 21 5 | 2 3 | 21 33 | 1 46 | 9 19 | 0 23 | 2 41 | 1 8 | 19 53 | 1 49 | 20 51 | 0 30 | 15 51 | 0 0 | 18 27 | 4 30 | 13 39 | 13 42 | 2 26 | 8 8 | 1 11 |
| S 26 | 18 46 | 3 50 | 3 9 | 20 42 | 2 4 | 21 37 | 1 44 | 9 34 | 0 24 | 2 36 | 1 8 | 19 53 | 1 49 | 20 51 | 0 30 | 15 52 | 0 0 | 18 28 | 4 30 | 13 37 | 13 41 | 2 30 | 8 8 | 1 11 |
| M27 | 18 31 | 2n49 | 2 4 | 20 17 | 2 5 | 21 42 | 1 41 | 9 49 | 0 25 | 2 31 | 1 8 | 19 53 | 1 49 | 20 50 | 0 30 | 15 52 | 0 0 | 18 28 | 4 30 | 13 36 | 13 40 | 2 33 | 8 9 | 1 11 |
| T 28 | 18 15 | 9 17 | 0 53 | 19 51 | 2 6 | 21 45 | 1 38 | 10 5 | 0 26 | 2 26 | 1 8 | 19 53 | 1 49 | 20 49 | 0 30 | 15 53 | 0 0 | 18 28 | 4 30 | 13 35 | 13 39 | 2 36 | 8 9 | 1 11 |
| W29 | 18 0 | 15 12 | 0n21 | 19 24 | 2 6 | 21 48 | 1 35 | 10 20 | 0 27 | 2 21 | 1 7 | 19 53 | 1 48 | 20 49 | 0 30 | 15 53 | 0 0 | 18 28 | 4 30 | 13 35 | 13 38 | 2 40 | 8 10 | 1 11 |
| T 30 | 17 43 | 20 15 | 1 33 | 18 55 | 2 6 | 21 51 | 1 32 | 10 35 | 0 28 | 2 16 | 1 7 | 19 53 | 1 48 | 20 48 | 0 30 | 15 54 | 0 0 | 18 28 | 4 30 | 13 35 | 13 37 | 2 43 | 8 10 | 1 11 |
| F 31 | 17s27 | 24n 9 | 2n38 | 18s24 | 2s 5 | 21s52 | 1n29 | 10n50 | 0n29 | 2s11 | 1s 7 | 19n53 | 1s48 | 20s47 | 0s30 | 15n54 | 0s 0 | 18n28 | 4s30 | 13n34 | 13n36 | 2s46 | 8n11 | 1n11 |

Julian Day Number = 2602755.5, Delta T = 09m19s
Ecliptic obliquity = 23°23'14, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'42, Lahiri = 29°38'43


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## FEBRUARY 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 45 1 | 11♒57'06 | 21♊14 | 16♒21 | 4♑ 4 | 27♈39 | 27♓16 | 8°R25 | 29♑ 9 | 16°R18 | 10°R45 | 6°R10 | 6♉16 | 12♎ 6 | 18♈10 | S 1 |
| S 2 | 8 48 57 | 12°58'05 | 4♋33 | 18° 5 | 5°16 | 28°19 | 27°29 | 8♊24 | 29°12 | 16♌16 | 10♋44 | 6♉ 2 | 6°13 | 12°12 | 18°11 | S 2 |
| M 3 | 8 52 54 | 13°59'02 | 17°41 | 19°49 | 6°29 | 28°58 | 27°41 | 8°24 | 29°16 | 16°15 | 10°43 | 5°52 | 6°10 | 12°19 | 18°13 | M 3 |
| T 4 | 8 56 51 | 14°59'58 | 0♌38 | 21°34 | 7°42 | 29°37 | 27°54 | 8°23 | 29°19 | 16°13 | 10°42 | 5°39 | 6° 7 | 12°26 | 18°16 | T 4 |
| W 5 | 9 0 47 | 16° 0'54 | 13°23 | 23°19 | 8°55 | 0♉16 | 28° 6 | 8°23 | 29°23 | 16°11 | 10°41 | 5°25 | 6° 4 | 12°32 | 18°18 | W 5 |
| T 6 | 9 4 44 | 17° 1'48 | 25°55 | 25° 4 | 10° 8 | 0°56 | 28°19 | 8°22 | 29°26 | 16°10 | 10°40 | 5°11 | 6° 0 | 12°39 | 18°20 | T 6 |
| F 7 | 9 8 40 | 18° 2'42 | 8♍14 | 26°50 | 11°21 | 1°35 | 28°32 | 8°22 | 29°30 | 16° 8 | 10°39 | 4°59 | 5°57 | 12°46 | 18°22 | F 7 |
| S 8 | 9 12 37 | 19° 3'34 | 20°22 | 28°36 | 12°34 | 2°15 | 28°44 | 8°D22 | 29°33 | 16° 6 | 10°38 | 4°49 | 5°54 | 12°52 | 18°24 | S 8 |
| S 9 | 9 16 33 | 20° 4'26 | 2♎19 | 0♓22 | 13°47 | 2°54 | 28°57 | 8°22 | 29°36 | 16° 5 | 10°37 | 4°41 | 5°51 | 12°59 | 18°26 | S 9 |
| M10 | 9 20 30 | 21° 5'17 | 14°10 | 2° 7 | 15° 0 | 3°33 | 29°10 | 8°22 | 29°40 | 16° 3 | 10°36 | 4°37 | 5°48 | 13° 6 | 18°29 | M10 |
| T 11 | 9 24 26 | 22° 6'07 | 25°57 | 3°52 | 16°13 | 4°13 | 29°23 | 8°22 | 29°43 | 16° 1 | 10°35 | 4°35 | 5°44 | 13°12 | 18°31 | T 11 |
| W12 | 9 28 23 | 23° 6'56 | 7♏45 | 5°37 | 17°26 | 4°52 | 29°36 | 8°23 | 29°47 | 16° 0 | 10°34 | 4°D35 | 5°41 | 13°19 | 18°33 | W12 |
| T 13 | 9 32 20 | 24° 7'44 | 19°40 | 7°21 | 18°39 | 5°31 | 29°49 | 8°23 | 29°50 | 15°58 | 10°34 | 4°R35 | 5°38 | 13°26 | 18°36 | T 13 |
| F 14 | 9 36 16 | 25° 8'32 | 1♐47 | 9° 3 | 19°52 | 6°11 | 0♈ 2 | 8°24 | 29°53 | 15°56 | 10°33 | 4°35 | 5°35 | 13°32 | 18°38 | F 14 |
| S 15 | 9 40 13 | 26° 9'18 | 14°11 | 10°44 | 21° 5 | 6°50 | 0°16 | 8°24 | 29°56 | 15°55 | 10°32 | 4°33 | 5°32 | 13°39 | 18°41 | S 15 |
| S 16 | 9 44 9 | 27°10'04 | 26°58 | 12°23 | 22°19 | 7°30 | 0°29 | 8°25 | 29°59 | 15°53 | 10°31 | 4°29 | 5°29 | 13°46 | 18°43 | S 16 |
| M17 | 9 48 6 | 28°10'48 | 10♑11 | 14° 0 | 23°32 | 8° 9 | 0°42 | 8°26 | 0♒ 3 | 15°51 | 10°30 | 4°23 | 5°25 | 13°52 | 18°46 | M17 |
| T 18 | 9 52 2 | 29°11'32 | 23°52 | 15°34 | 24°45 | 8°49 | 0°56 | 8°27 | 0° 6 | 15°50 | 10°30 | 4°15 | 5°22 | 13°59 | 18°49 | T 18 |
| W19 | 9 55 59 | 0♓12'14 | 8♒ 0 | 17° 4 | 25°59 | 9°28 | 1° 9 | 8°28 | 0° 9 | 15°48 | 10°29 | 4° 4 | 5°19 | 14° 6 | 18°51 | W19 |
| T 20 | 9 59 55 | 1°12'55 | 22°31 | 18°30 | 27°12 | 10° 7 | 1°23 | 8°30 | 0°13 | 15°46 | 10°28 | 3°54 | 5°16 | 14°12 | 18°54 | T 20 |
| F 21 | 10 3 52 | 2°13'35 | 7♓19 | 19°52 | 28°25 | 10°47 | 1°36 | 8°31 | 0°16 | 15°45 | 10°27 | 3°44 | 5°13 | 14°19 | 18°57 | F 21 |
| S 22 | 10 7 49 | 3°14'13 | 22°15 | 21° 8 | 29°39 | 11°26 | 1°50 | 8°33 | 0°19 | 15°43 | 10°27 | 3°36 | 5°10 | 14°26 | 19° 0 | S 22 |
| S 23 | 10 11 45 | 4°14'50 | 7♈11 | 22°18 | 0♒52 | 12° 6 | 2° 4 | 8°34 | 0°22 | 15°42 | 10°26 | 3°31 | 5° 6 | 14°32 | 19° 3 | S 23 |
| M24 | 10 15 42 | 5°15'25 | 21°57 | 23°21 | 2° 6 | 12°45 | 2°18 | 8°36 | 0°25 | 15°40 | 10°26 | 3°28 | 5° 3 | 14°39 | 19° 5 | M24 |
| T 25 | 10 19 38 | 6°15'58 | 6♉29 | 24°17 | 3°19 | 13°25 | 2°31 | 8°38 | 0°28 | 15°38 | 10°25 | 3°D28 | 5° 0 | 14°45 | 19° 8 | T 25 |
| W26 | 10 23 35 | 7°16'30 | 20°43 | 25° 4 | 4°33 | 14° 4 | 2°45 | 8°40 | 0°31 | 15°37 | 10°24 | 3°29 | 4°57 | 14°52 | 19°11 | W26 |
| T 27 | 10 27 31 | 8°16'59 | 4♊37 | 25°43 | 5°46 | 14°44 | 2°59 | 8°42 | 0°34 | 15°35 | 10°24 | 3°R29 | 4°54 | 14°59 | 19°14 | T 27 |
| F 28 | 10 31 28 | 9♓17'27 | 18♊13 | 26♓12 | 7♒ 0 | 15♉23 | 3♈13 | 8♊44 | 0♒37 | 15♌34 | 10♋23 | 3♉29 | 4♉50 | 15♎ 5 | 19♈17 | F 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s10 | 26n39 | 3n34 | 17s52 | 2s 4 | 21s53 | 1n26 | 11n 5 | 0n30 | 2s 7 | 1s 7 | 19n53 | 1s48 | 20s46 | 0s30 | 15n55 | 0s 0 | 18n29 | 4s29 | 13n33 | 13n35 | 2s50 | 8n11 | 1n10 |
| S 2 | 16 53 | 27 35 | 4 17 | 17 19 | 2 2 | 21 54 | 1 23 | 11 20 | 0 31 | 2 2 | 1 7 | 19 54 | 1 47 | 20 46 | 0 30 | 15 55 | 0 0 | 18 29 | 4 29 | 13 30 | 13 34 | 2 53 | 8 12 | 1 10 |
| M 3 | 16 36 | 26 56 | 4 45 | 16 45 | 2 0 | 21 54 | 1 20 | 11 35 | 0 32 | 1 56 | 1 7 | 19 54 | 1 47 | 20 45 | 0 30 | 15 56 | 0 0 | 18 29 | 4 29 | 13 27 | 13 33 | 2 56 | 8 13 | 1 10 |
| T 4 | 16 18 | 24 50 | 4 59 | 16 9 | 1 58 | 21 53 | 1 17 | 11 49 | 0 33 | 1 51 | 1 7 | 19 54 | 1 47 | 20 44 | 0 30 | 15 56 | 0 0 | 18 29 | 4 29 | 13 23 | 13 32 | 3 0 | 8 13 | 1 10 |
| W 5 | 16 0 | 21 31 | 4 57 | 15 31 | 1 55 | 21 52 | 1 14 | 12 4 | 0 33 | 1 46 | 1 7 | 19 54 | 1 47 | 20 44 | 0 30 | 15 57 | 0 0 | 18 29 | 4 29 | 13 18 | 13 31 | 3 3 | 8 14 | 1 10 |
| T 6 | 15 42 | 17 16 | 4 41 | 14 53 | 1 51 | 21 50 | 1 11 | 12 19 | 0 34 | 1 41 | 1 7 | 19 54 | 1 46 | 20 43 | 0 30 | 15 57 | 0 0 | 18 30 | 4 29 | 13 13 | 13 30 | 3 6 | 8 15 | 1 10 |
| F 7 | 15 23 | 12 21 | 4 12 | 14 13 | 1 46 | 21 47 | 1 8 | 12 33 | 0 35 | 1 36 | 1 6 | 19 55 | 1 46 | 20 42 | 0 30 | 15 58 | 0 0 | 18 30 | 4 29 | 13 9 | 13 29 | 3 10 | 8 15 | 1 10 |
| S 8 | 15 5 | 7 3 | 3 32 | 13 31 | 1 42 | 21 44 | 1 4 | 12 47 | 0 36 | 1 31 | 1 6 | 19 55 | 1 46 | 20 41 | 0 30 | 15 58 | 0 0 | 18 30 | 4 29 | 13 6 | 13 28 | 3 13 | 8 16 | 1 9 |
| S 9 | 14 46 | 1 34 | 2 42 | 12 49 | 1 36 | 21 40 | 1 1 | 13 2 | 0 37 | 1 26 | 1 6 | 19 55 | 1 45 | 20 41 | 0 30 | 15 59 | 0 0 | 18 30 | 4 28 | 13 3 | 13 27 | 3 16 | 8 17 | 1 9 |
| M10 | 14 26 | 3s56 | 1 46 | 12 6 | 1 30 | 21 35 | 0 58 | 13 16 | 0 38 | 1 20 | 1 6 | 19 55 | 1 45 | 20 40 | 0 30 | 15 59 | 0 0 | 18 30 | 4 28 | 13 2 | 13 25 | 3 20 | 8 18 | 1 9 |
| T 11 | 14 7 | 9 17 | 0 46 | 11 21 | 1 23 | 21 30 | 0 55 | 13 30 | 0 38 | 1 15 | 1 6 | 19 56 | 1 45 | 20 39 | 0 30 | 16 0 | 0 0 | 18 31 | 4 28 | 13 1 | 13 24 | 3 23 | 8 18 | 1 9 |
| W12 | 13 47 | 14 20 | 0s17 | 10 36 | 1 15 | 21 24 | 0 52 | 13 44 | 0 39 | 1 10 | 1 6 | 19 56 | 1 45 | 20 39 | 0 30 | 16 0 | 0 0 | 18 31 | 4 28 | 13 1 | 13 23 | 3 26 | 8 19 | 1 9 |
| T 13 | 13 27 | 18 53 | 1 19 | 9 50 | 1 7 | 21 18 | 0 48 | 13 58 | 0 40 | 1 5 | 1 6 | 19 56 | 1 44 | 20 38 | 0 30 | 16 1 | 0 0 | 18 31 | 4 28 | 13 1 | 13 22 | 3 29 | 8 20 | 1 9 |
| F 14 | 13 7 | 22 45 | 2 19 | 9 3 | 0 58 | 21 11 | 0 45 | 14 12 | 0 41 | 0 59 | 1 6 | 19 57 | 1 44 | 20 37 | 0 30 | 16 1 | 0 0 | 18 31 | 4 28 | 13 1 | 13 21 | 3 33 | 8 21 | 1 9 |
| S 15 | 12 46 | 25 40 | 3 14 | 8 16 | 0 48 | 21 3 | 0 42 | 14 25 | 0 41 | 0 54 | 1 6 | 19 57 | 1 44 | 20 37 | 0 30 | 16 2 | 0 0 | 18 31 | 4 28 | 13 1 | 13 20 | 3 36 | 8 22 | 1 9 |
| S 16 | 12 26 | 27 22 | 4 1 | 7 29 | 0 38 | 20 55 | 0 39 | 14 39 | 0 42 | 0 49 | 1 6 | 19 57 | 1 44 | 20 36 | 0 30 | 16 2 | 0 0 | 18 31 | 4 28 | 12 59 | 13 19 | 3 39 | 8 23 | 1 8 |
| M17 | 12 5 | 27 36 | 4 37 | 6 41 | 0 27 | 20 46 | 0 35 | 14 52 | 0 43 | 0 43 | 1 5 | 19 58 | 1 43 | 20 35 | 0 30 | 16 3 | 0 0 | 18 32 | 4 27 | 12 57 | 13 18 | 3 43 | 8 23 | 1 8 |
| T 18 | 11 44 | 26 11 | 4 59 | 5 54 | 0 15 | 20 36 | 0 32 | 15 6 | 0 44 | 0 38 | 1 5 | 19 58 | 1 43 | 20 35 | 0 30 | 16 3 | 0 0 | 18 32 | 4 27 | 12 54 | 13 17 | 3 46 | 8 24 | 1 8 |
| W19 | 11 23 | 23 6 | 5 3 | 5 8 | 0 2 | 20 26 | 0 29 | 15 19 | 0 44 | 0 32 | 1 5 | 19 59 | 1 43 | 20 34 | 0 30 | 16 4 | 0 0 | 18 32 | 4 27 | 12 51 | 13 16 | 3 49 | 8 25 | 1 8 |
| T 20 | 11 1 | 18 31 | 4 48 | 4 22 | 0n11 | 20 15 | 0 26 | 15 32 | 0 45 | 0 27 | 1 5 | 19 59 | 1 43 | 20 33 | 0 30 | 16 4 | 0 0 | 18 32 | 4 27 | 12 47 | 13 15 | 3 53 | 8 26 | 1 8 |
| F 21 | 10 40 | 12 43 | 4 14 | 3 37 | 0 25 | 20 4 | 0 22 | 15 45 | 0 46 | 0 21 | 1 5 | 20 0 | 1 42 | 20 33 | 0 30 | 16 5 | 0 0 | 18 32 | 4 27 | 12 44 | 13 14 | 3 56 | 8 27 | 1 8 |
| S 22 | 10 18 | 6 9 | 3 22 | 2 54 | 0 39 | 19 52 | 0 19 | 15 58 | 0 46 | 0 16 | 1 5 | 20 0 | 1 42 | 20 32 | 0 30 | 16 5 | 0 0 | 18 33 | 4 27 | 12 41 | 13 13 | 3 59 | 8 28 | 1 8 |
| S 23 | 9 56 | 0n46 | 2 16 | 2 13 | 0 54 | 19 40 | 0 16 | 16 11 | 0 47 | 0 11 | 1 5 | 20 1 | 1 42 | 20 31 | 0 30 | 16 6 | 0 0 | 18 33 | 4 27 | 12 40 | 13 12 | 4 3 | 8 29 | 1 8 |
| M24 | 9 34 | 7 35 | 1 1 | 1 35 | 1 9 | 19 27 | 0 13 | 16 23 | 0 48 | 0 5 | 1 5 | 20 1 | 1 41 | 20 31 | 0 30 | 16 6 | 0 0 | 18 33 | 4 27 | 12 39 | 13 11 | 4 6 | 8 30 | 1 7 |
| T 25 | 9 12 | 13 54 | 0n16 | 0 59 | 1 24 | 19 13 | 0 10 | 16 36 | 0 48 | 0n 1 | 1 5 | 20 2 | 1 41 | 20 30 | 0 30 | 16 7 | 0 0 | 18 33 | 4 26 | 12 39 | 13 10 | 4 9 | 8 31 | 1 7 |
| W26 | 8 49 | 19 21 | 1 31 | 0 26 | 1 40 | 18 59 | 0 6 | 16 48 | 0 49 | 0 6 | 1 5 | 20 2 | 1 41 | 20 29 | 0 30 | 16 7 | 0 0 | 18 33 | 4 26 | 12 39 | 13 9 | 4 13 | 8 32 | 1 7 |
| T 27 | 8 27 | 23 37 | 2 39 | 0n 4 | 1 55 | 18 44 | 0 3 | 17 1 | 0 49 | 0 12 | 1 5 | 20 3 | 1 41 | 20 29 | 0 30 | 16 8 | 0 0 | 18 34 | 4 26 | 12 39 | 13 8 | 4 16 | 8 33 | 1 7 |
| F 28 | 8s 4 | 26n28 | 3n36 | 0n29 | 2n10 | 18s29 | 0n 0 | 17n13 | 0n50 | 0n17 | 1s 5 | 20n 3 | 1s40 | 20s28 | 0s30 | 16n 8 | 0s 0 | 18n34 | 4s26 | 12n39 | 13n 6 | 4s19 | 8n34 | 1n 7 |

Julian Day Number = 2602786.5, Delta T = 09m19s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'46, Lahiri = 29°38'48


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## MARCH 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 35 24 | 10♓17'54 | 1♋32 | 26♓32 | 8♒13 | 16♉ 3 | 3♈27 | 8♊46 | 0♒40 | 15°R32 | 10°R23 | 3°R27 | 4♉47 | 15♎12 | 19♈20 | S 1 |
| S 2 | 10 39 21 | 11°18'18 | 14°35 | 26°R42 | 9°27 | 16°42 | 3°41 | 8°48 | 0°43 | 15♌31 | 10♋22 | 3♉22 | 4°44 | 15°19 | 19°23 | S 2 |
| M 3 | 10 43 18 | 12°18'40 | 27°25 | 26°42 | 10°40 | 17°21 | 3°55 | 8°51 | 0°46 | 15°29 | 10°22 | 3°15 | 4°41 | 15°25 | 19°27 | M 3 |
| T 4 | 10 47 14 | 13°19'01 | 10♌ 2 | 26°32 | 11°54 | 18° 1 | 4° 9 | 8°53 | 0°49 | 15°28 | 10°21 | 3° 7 | 4°38 | 15°32 | 19°30 | T 4 |
| W 5 | 10 51 11 | 14°19'19 | 22°28 | 26°13 | 13° 7 | 18°40 | 4°23 | 8°56 | 0°52 | 15°26 | 10°21 | 2°57 | 4°35 | 15°39 | 19°33 | W 5 |
| T 6 | 10 55 7 | 15°19'36 | 4♍44 | 25°44 | 14°21 | 19°20 | 4°37 | 8°59 | 0°54 | 15°25 | 10°20 | 2°48 | 4°31 | 15°45 | 19°36 | T 6 |
| F 7 | 10 59 4 | 16°19'51 | 16°51 | 25° 7 | 15°35 | 19°59 | 4°51 | 9° 2 | 0°57 | 15°24 | 10°20 | 2°40 | 4°28 | 15°52 | 19°39 | F 7 |
| S 8 | 11 3 0 | 17°20'04 | 28°50 | 24°23 | 16°48 | 20°38 | 5° 6 | 9° 5 | 1° 0 | 15°22 | 10°19 | 2°33 | 4°25 | 15°59 | 19°42 | S 8 |
| S 9 | 11 6 57 | 18°20'16 | 10♎43 | 23°32 | 18° 2 | 21°18 | 5°20 | 9° 8 | 1° 3 | 15°21 | 10°19 | 2°28 | 4°22 | 16° 5 | 19°46 | S 9 |
| M10 | 11 10 53 | 19°20'26 | 22°31 | 22°37 | 19°16 | 21°57 | 5°34 | 9°11 | 1° 5 | 15°19 | 10°19 | 2°26 | 4°19 | 16°12 | 19°49 | M10 |
| T 11 | 11 14 50 | 20°20'34 | 4♏18 | 21°38 | 20°29 | 22°37 | 5°48 | 9°14 | 1° 8 | 15°18 | 10°18 | 2°D25 | 4°15 | 16°19 | 19°52 | T 11 |
| W12 | 11 18 46 | 21°20'41 | 16° 7 | 20°37 | 21°43 | 23°16 | 6° 3 | 9°18 | 1°10 | 15°17 | 10°18 | 2°26 | 4°12 | 16°25 | 19°56 | W12 |
| T 13 | 11 22 43 | 22°20'46 | 28° 2 | 19°35 | 22°57 | 23°55 | 6°17 | 9°21 | 1°13 | 15°16 | 10°18 | 2°28 | 4° 9 | 16°32 | 19°59 | T 13 |
| F 14 | 11 26 40 | 23°20'49 | 10♐ 8 | 18°34 | 24°10 | 24°35 | 6°31 | 9°25 | 1°16 | 15°14 | 10°18 | 2°29 | 4° 6 | 16°39 | 20° 3 | F 14 |
| S 15 | 11 30 36 | 24°20'51 | 22°30 | 17°36 | 25°24 | 25°14 | 6°46 | 9°28 | 1°18 | 15°13 | 10°17 | 2°R30 | 4° 3 | 16°45 | 20° 6 | S 15 |
| S 16 | 11 34 33 | 25°20'52 | 5♑12 | 16°40 | 26°38 | 25°53 | 7° 0 | 9°32 | 1°20 | 15°12 | 10°17 | 2°29 | 4° 0 | 16°52 | 20° 9 | S 16 |
| M17 | 11 38 29 | 26°20'51 | 18°20 | 15°49 | 27°52 | 26°33 | 7°15 | 9°36 | 1°23 | 15°11 | 10°17 | 2°27 | 3°56 | 16°59 | 20°13 | M17 |
| T 18 | 11 42 26 | 27°20'48 | 1♒55 | 15° 3 | 29° 5 | 27°12 | 7°29 | 9°40 | 1°25 | 15° 9 | 10°17 | 2°24 | 3°53 | 17° 5 | 20°16 | T 18 |
| W19 | 11 46 22 | 28°20'44 | 16° 0 | 14°23 | 0♓19 | 27°51 | 7°43 | 9°44 | 1°28 | 15° 8 | 10°17 | 2°19 | 3°50 | 17°12 | 20°20 | W19 |
| T 20 | 11 50 19 | 29°20'38 | 0♓31 | 13°48 | 1°33 | 28°30 | 7°58 | 9°48 | 1°30 | 15° 7 | 10°17 | 2°14 | 3°47 | 17°18 | 20°23 | T 20 |
| F 21 | 11 54 15 | 0♈20'30 | 15°24 | 13°20 | 2°47 | 29°10 | 8°12 | 9°52 | 1°32 | 15° 6 | 10°16 | 2° 9 | 3°44 | 17°25 | 20°27 | F 21 |
| S 22 | 11 58 12 | 1°20'20 | 0♈31 | 12°58 | 4° 1 | 29°49 | 8°27 | 9°57 | 1°34 | 15° 5 | 10°16 | 2° 5 | 3°41 | 17°32 | 20°30 | S 22 |
| S 23 | 12 2 9 | 2°20'08 | 15°42 | 12°43 | 5°14 | 0♊28 | 8°41 | 10° 1 | 1°37 | 15° 4 | 10°16 | 2° 3 | 3°37 | 17°38 | 20°34 | S 23 |
| M24 | 12 6 5 | 3°19'54 | 0♉48 | 12°34 | 6°28 | 1° 8 | 8°56 | 10° 6 | 1°39 | 15° 3 | 10°D16 | 2°D 2 | 3°34 | 17°45 | 20°38 | M24 |
| T 25 | 12 10 2 | 4°19'38 | 15°40 | 12°D32 | 7°42 | 1°47 | 9°10 | 10°10 | 1°41 | 15° 2 | 10°16 | 2° 3 | 3°31 | 17°52 | 20°41 | T 25 |
| W26 | 12 13 58 | 5°19'20 | 0♊12 | 12°35 | 8°56 | 2°26 | 9°25 | 10°15 | 1°43 | 15° 1 | 10°16 | 2° 4 | 3°28 | 17°58 | 20°45 | W26 |
| T 27 | 12 17 55 | 6°19'00 | 14°21 | 12°44 | 10° 9 | 3° 5 | 9°40 | 10°20 | 1°45 | 15° 0 | 10°16 | 2° 5 | 3°25 | 18° 5 | 20°48 | T 27 |
| F 28 | 12 21 51 | 7°18'38 | 28° 5 | 12°58 | 11°23 | 3°44 | 9°54 | 10°24 | 1°47 | 14°59 | 10°16 | 2° 7 | 3°21 | 18°12 | 20°52 | F 28 |
| S 29 | 12 25 48 | 8°18'13 | 11♋26 | 13°18 | 12°37 | 4°24 | 10° 9 | 10°29 | 1°49 | 14°58 | 10°17 | 2°R 7 | 3°18 | 18°18 | 20°56 | S 29 |
| S 30 | 12 29 44 | 9°17'46 | 24°25 | 13°43 | 13°51 | 5° 3 | 10°23 | 10°34 | 1°51 | 14°57 | 10°17 | 2° 6 | 3°15 | 18°25 | 20°59 | S 30 |
| M31 | 12 33 41 | 10♈17'17 | 7♌ 6 | 14♓12 | 15♓ 5 | 5♊42 | 10♈38 | 10♊39 | 1♒52 | 14♌57 | 10♋17 | 2♉ 4 | 3♉12 | 18♎32 | 21♈ 3 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 7s41 | 27n43 | 4n21 | 0n50 | 2n25 | 18s13 | 0s 3 | 17n25 | 0n51 | 0n23 | 1s 5 | 20n 4 | 1s40 | 20s28 | 0s30 | 16n 9 | 0s 0 | 18n34 | 4s26 | 12n38 | 13n 5 | 4s23 | 8n35 | 1n 7 | |
| S 2 | 7 19 | 27 24 | 4 50 | 1 7 | 2 39 | 17 57 | 0 6 | 17 37 | 0 51 | 0 28 | 1 5 | 20 5 | 1 40 | 20 27 | 0 30 | 16 9 | 0 0 | 18 34 | 4 26 | 12 37 | 13 4 | 4 26 | 8 36 | 1 7 | |
| M 3 | 6 56 | 25 37 | 5 5 | 1 19 | 2 51 | 17 40 | 0 9 | 17 48 | 0 52 | 0 34 | 1 4 | 20 5 | 1 40 | 20 26 | 0 31 | 16 9 | 0 0 | 18 34 | 4 26 | 12 34 | 13 3 | 4 29 | 8 37 | 1 7 | |
| T 4 | 6 33 | 22 35 | 5 4 | 1 26 | 3 3 | 17 23 | 0 12 | 18 0 | 0 52 | 0 40 | 1 4 | 20 6 | 1 39 | 20 26 | 0 31 | 16 10 | 0 0 | 18 34 | 4 25 | 12 31 | 13 2 | 4 33 | 8 38 | 1 7 | |
| W 5 | 6 9 | 18 33 | 4 49 | 1 28 | 3 14 | 17 5 | 0 15 | 18 11 | 0 53 | 0 45 | 1 4 | 20 7 | 1 39 | 20 25 | 0 31 | 16 10 | 0 0 | 18 35 | 4 25 | 12 28 | 13 1 | 4 36 | 8 39 | 1 6 | |
| T 6 | 5 46 | 13 48 | 4 21 | 1 25 | 3 23 | 16 46 | 0 18 | 18 23 | 0 53 | 0 51 | 1 4 | 20 7 | 1 39 | 20 25 | 0 31 | 16 11 | 0 0 | 18 35 | 4 25 | 12 25 | 13 0 | 4 39 | 8 41 | 1 6 | |
| F 7 | 5 23 | 8 34 | 3 41 | 1 17 | 3 30 | 16 28 | 0 21 | 18 34 | 0 54 | 0 57 | 1 4 | 20 8 | 1 39 | 20 24 | 0 31 | 16 11 | 0 0 | 18 35 | 4 25 | 12 22 | 12 59 | 4 43 | 8 42 | 1 6 | |
| S 8 | 5 0 | 3 5 | 2 52 | 1 4 | 3 35 | 16 8 | 0 23 | 18 45 | 0 54 | 1 2 | 1 4 | 20 9 | 1 38 | 20 23 | 0 31 | 16 12 | 0n 0 | 18 35 | 4 25 | 12 20 | 12 58 | 4 46 | 8 43 | 1 6 | |
| S 9 | 4 36 | 2s28 | 1 55 | 0 47 | 3 39 | 15 49 | 0 26 | 18 56 | 0 55 | 1 8 | 1 4 | 20 9 | 1 38 | 20 23 | 0 31 | 16 12 | 0 0 | 18 35 | 4 25 | 12 18 | 12 57 | 4 49 | 8 44 | 1 6 | |
| M10 | 4 13 | 7 55 | 0 54 | 0 27 | 3 40 | 15 28 | 0 29 | 19 7 | 0 56 | 1 14 | 1 4 | 20 10 | 1 38 | 20 22 | 0 31 | 16 12 | 0 0 | 18 36 | 4 24 | 12 17 | 12 56 | 4 53 | 8 45 | 1 6 | |
| T 11 | 3 49 | 13 5 | 0s10 | 0 3 | 3 39 | 15 8 | 0 32 | 19 17 | 0 56 | 1 19 | 1 4 | 20 11 | 1 38 | 20 22 | 0 31 | 16 13 | 0 0 | 18 36 | 4 24 | 12 17 | 12 55 | 4 56 | 8 46 | 1 6 | |
| W12 | 3 25 | 17 48 | 1 14 | 0s24 | 3 36 | 14 47 | 0 34 | 19 28 | 0 56 | 1 25 | 1 4 | 20 11 | 1 37 | 20 21 | 0 31 | 16 13 | 0 0 | 18 36 | 4 24 | 12 17 | 12 54 | 4 59 | 8 47 | 1 6 | |
| T 13 | 3 2 | 21 52 | 2 15 | 0 53 | 3 31 | 14 25 | 0 37 | 19 38 | 0 57 | 1 31 | 1 4 | 20 12 | 1 37 | 20 21 | 0 31 | 16 14 | 0 0 | 18 36 | 4 24 | 12 18 | 12 53 | 5 3 | 8 49 | 1 6 | |
| F 14 | 2 38 | 25 4 | 3 11 | 1 23 | 3 24 | 14 3 | 0 40 | 19 48 | 0 57 | 1 36 | 1 4 | 20 13 | 1 37 | 20 20 | 0 31 | 16 14 | 0 0 | 18 36 | 4 24 | 12 19 | 12 51 | 5 6 | 8 50 | 1 5 | |
| S 15 | 2 14 | 27 10 | 3 59 | 1 54 | 3 15 | 13 41 | 0 42 | 19 58 | 0 58 | 1 42 | 1 4 | 20 14 | 1 37 | 20 20 | 0 31 | 16 14 | 0 0 | 18 36 | 4 24 | 12 19 | 12 50 | 5 9 | 8 51 | 1 5 | |
| S 16 | 1 51 | 27 54 | 4 38 | 2 25 | 3 4 | 13 19 | 0 45 | 20 8 | 0 58 | 1 48 | 1 4 | 20 15 | 1 36 | 20 19 | 0 31 | 16 15 | 0 0 | 18 37 | 4 24 | 12 19 | 12 49 | 5 13 | 8 52 | 1 5 | |
| M17 | 1 27 | 27 8 | 5 3 | 2 55 | 2 53 | 12 56 | 0 47 | 20 18 | 0 59 | 1 53 | 1 4 | 20 15 | 1 36 | 20 19 | 0 31 | 16 15 | 0 0 | 18 37 | 4 23 | 12 18 | 12 48 | 5 16 | 8 53 | 1 5 | |
| T 18 | 1 3 | 24 45 | 5 12 | 3 25 | 2 40 | 12 32 | 0 49 | 20 27 | 0 59 | 1 59 | 1 4 | 20 16 | 1 36 | 20 18 | 0 31 | 16 15 | 0 0 | 18 37 | 4 23 | 12 17 | 12 47 | 5 19 | 8 55 | 1 5 | |
| W19 | 0 39 | 20 50 | 5 3 | 3 53 | 2 27 | 12 9 | 0 52 | 20 36 | 1 0 | 2 5 | 1 4 | 20 17 | 1 36 | 20 18 | 0 31 | 16 16 | 0 0 | 18 37 | 4 23 | 12 15 | 12 46 | 5 22 | 8 56 | 1 5 | |
| T 20 | 0 16 | 15 33 | 4 35 | 4 19 | 2 12 | 11 44 | 0 54 | 20 46 | 1 0 | 2 11 | 1 4 | 20 18 | 1 36 | 20 17 | 0 31 | 16 16 | 0 0 | 18 37 | 4 23 | 12 13 | 12 45 | 5 26 | 8 57 | 1 5 | |
| F 21 | 0n 8 | 9 15 | 3 48 | 4 43 | 1 58 | 11 20 | 0 56 | 20 55 | 1 0 | 2 16 | 1 4 | 20 19 | 1 35 | 20 17 | 0 31 | 16 16 | 0 0 | 18 37 | 4 23 | 12 12 | 12 44 | 5 29 | 8 58 | 1 5 | |
| S 22 | 0 32 | 2 19 | 2 44 | 5 5 | 1 43 | 10 55 | 0 58 | 21 3 | 1 1 | 2 22 | 1 4 | 20 20 | 1 35 | 20 16 | 0 31 | 16 17 | 0 0 | 18 38 | 4 23 | 12 10 | 12 43 | 5 32 | 9 0 | 1 5 | |
| S 23 | 0 56 | 4n48 | 1 28 | 5 25 | 1 28 | 10 30 | 1 0 | 21 12 | 1 1 | 2 28 | 1 4 | 20 20 | 1 35 | 20 16 | 0 31 | 16 17 | 0 0 | 18 38 | 4 22 | 12 10 | 12 42 | 5 36 | 9 1 | 1 5 | |
| M24 | 1 19 | 11 37 | 0 7 | 5 42 | 1 13 | 10 5 | 1 2 | 21 21 | 1 2 | 2 33 | 1 4 | 20 21 | 1 35 | 20 15 | 0 31 | 16 17 | 0 0 | 18 38 | 4 22 | 12 9 | 12 41 | 5 39 | 9 2 | 1 5 | |
| T 25 | 1 43 | 17 41 | 1n14 | 5 57 | 0 58 | 9 40 | 1 4 | 21 29 | 1 2 | 2 39 | 1 4 | 20 22 | 1 34 | 20 15 | 0 31 | 16 18 | 0 0 | 18 38 | 4 22 | 12 9 | 12 40 | 5 42 | 9 3 | 1 4 | |
| W26 | 2 7 | 22 34 | 2 29 | 6 9 | 0 44 | 9 14 | 1 6 | 21 37 | 1 2 | 2 45 | 1 4 | 20 23 | 1 34 | 20 15 | 0 31 | 16 18 | 0 0 | 18 38 | 4 22 | 12 10 | 12 39 | 5 46 | 9 5 | 1 4 | |
| T 27 | 2 30 | 25 59 | 3 32 | 6 19 | 0 30 | 8 48 | 1 8 | 21 45 | 1 3 | 2 50 | 1 4 | 20 24 | 1 34 | 20 14 | 0 31 | 16 18 | 0 0 | 18 38 | 4 22 | 12 10 | 12 38 | 5 49 | 9 6 | 1 4 | |
| F 28 | 2 54 | 27 44 | 4 21 | 6 26 | 0 16 | 8 21 | 1 10 | 21 53 | 1 3 | 2 56 | 1 4 | 20 25 | 1 34 | 20 14 | 0 31 | 16 19 | 0 0 | 18 39 | 4 22 | 12 11 | 12 36 | 5 52 | 9 7 | 1 4 | |
| S 29 | 3 17 | 27 47 | 4 55 | 6 31 | 0 2 | 7 55 | 1 12 | 22 1 | 1 3 | 3 2 | 1 4 | 20 26 | 1 34 | 20 13 | 0 31 | 16 19 | 0 0 | 18 39 | 4 22 | 12 11 | 12 35 | 5 56 | 9 8 | 1 4 | |
| S 30 | 3 41 | 26 18 | 5 12 | 6 33 | 0s10 | 7 28 | 1 13 | 22 8 | 1 4 | 3 8 | 1 4 | 20 27 | 1 33 | 20 13 | 0 31 | 16 19 | 0 0 | 18 39 | 4 21 | 12 11 | 12 34 | 5 59 | 9 10 | 1 4 | |
| M31 | 4n 4 | 23n31 | 5n14 | 6s33 | 0s23 | 7s 1 | 1s15 | 22n16 | 1n 4 | 3n13 | 1s 4 | 20n28 | 1s33 | 20s13 | 0s31 | 16n19 | 0n 0 | 18n39 | 4s21 | 12n10 | 12n33 | 6s 2 | 9n11 | 1n 4 | |

Julian Day Number = 2602814.5, Delta T = 09m19s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'50, Lahiri = 29°38'51


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## APRIL 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 37 38 | 11♈16'45 | 19♌32 | 14♓46 | 16♓18 | 6♊21 | 10♈52 | 10♊44 | 1♒54 | 14°R56 | 10♋17 | 2°R 1 | 3♉ 9 | 18♎38 | 21♈ 7 | T 1 |
| W 2 | 12 41 34 | 12°16'11 | 1♍45 | 15°23 | 17°32 | 7° 0 | 11° 7 | 10°50 | 1°56 | 14♌55 | 10°17 | 1♉58 | 3° 6 | 18°45 | 21°10 | W 2 |
| T 3 | 12 45 31 | 13°15'35 | 13°49 | 16° 5 | 18°46 | 7°39 | 11°21 | 10°55 | 1°58 | 14°54 | 10°17 | 1°55 | 3° 2 | 18°52 | 21°14 | T 3 |
| F 4 | 12 49 27 | 14°14'56 | 25°45 | 16°51 | 20° 0 | 8°18 | 11°36 | 11° 0 | 1°59 | 14°54 | 10°18 | 1°52 | 2°59 | 18°58 | 21°18 | F 4 |
| S 5 | 12 53 24 | 15°14'16 | 7♎37 | 17°39 | 21°14 | 8°57 | 11°50 | 11° 6 | 2° 1 | 14°53 | 10°18 | 1°50 | 2°56 | 19° 5 | 21°21 | S 5 |
| S 6 | 12 57 20 | 16°13'33 | 19°25 | 18°31 | 22°27 | 9°37 | 12° 5 | 11°11 | 2° 2 | 14°52 | 10°18 | 1°49 | 2°53 | 19°12 | 21°25 | S 6 |
| M 7 | 13 1 17 | 17°12'49 | 1♏13 | 19°27 | 23°41 | 10°16 | 12°19 | 11°17 | 2° 4 | 14°52 | 10°18 | 1°D48 | 2°50 | 19°18 | 21°29 | M 7 |
| T 8 | 13 5 13 | 18°12'03 | 13° 2 | 20°25 | 24°55 | 10°55 | 12°34 | 11°23 | 2° 5 | 14°51 | 10°19 | 1°49 | 2°47 | 19°25 | 21°33 | T 8 |
| W 9 | 13 9 10 | 19°11'14 | 24°56 | 21°26 | 26° 9 | 11°34 | 12°48 | 11°28 | 2° 7 | 14°51 | 10°19 | 1°50 | 2°43 | 19°31 | 21°36 | W 9 |
| T 10 | 13 13 7 | 20°10'24 | 6♐56 | 22°29 | 27°23 | 12°13 | 13° 3 | 11°34 | 2° 8 | 14°50 | 10°19 | 1°51 | 2°40 | 19°38 | 21°40 | T 10 |
| F 11 | 13 17 3 | 21° 9'32 | 19° 7 | 23°35 | 28°36 | 12°52 | 13°17 | 11°40 | 2° 9 | 14°50 | 10°20 | 1°52 | 2°37 | 19°45 | 21°44 | F 11 |
| S 12 | 13 21 0 | 22° 8'39 | 1♑31 | 24°44 | 29°50 | 13°31 | 13°32 | 11°46 | 2°11 | 14°49 | 10°20 | 1°53 | 2°34 | 19°51 | 21°48 | S 12 |
| S 13 | 13 24 56 | 23° 7'43 | 14°13 | 25°54 | 1♈ 4 | 14° 9 | 13°46 | 11°52 | 2°12 | 14°49 | 10°21 | 1°53 | 2°31 | 19°58 | 21°51 | S 13 |
| M14 | 13 28 53 | 24° 6'46 | 27°16 | 27° 7 | 2°18 | 14°48 | 14° 1 | 11°58 | 2°13 | 14°48 | 10°21 | 1°R53 | 2°27 | 20° 5 | 21°55 | M14 |
| T 15 | 13 32 49 | 25° 5'47 | 10♒44 | 28°22 | 3°32 | 15°27 | 14°15 | 12° 4 | 2°14 | 14°48 | 10°22 | 1°53 | 2°24 | 20°11 | 21°59 | T 15 |
| W16 | 13 36 46 | 26° 4'46 | 24°37 | 29°40 | 4°45 | 16° 6 | 14°29 | 12°10 | 2°15 | 14°48 | 10°22 | 1°53 | 2°21 | 20°18 | 22° 2 | W16 |
| T 17 | 13 40 42 | 27° 3'44 | 8♓56 | 0♈59 | 5°59 | 16°45 | 14°44 | 12°16 | 2°16 | 14°47 | 10°23 | 1°52 | 2°18 | 20°25 | 22° 6 | T 17 |
| F 18 | 13 44 39 | 28° 2'40 | 23°38 | 2°20 | 7°13 | 17°24 | 14°58 | 12°23 | 2°17 | 14°47 | 10°23 | 1°52 | 2°15 | 20°31 | 22°10 | F 18 |
| S 19 | 13 48 36 | 29° 1'34 | 8♈38 | 3°43 | 8°27 | 18° 3 | 15°13 | 12°29 | 2°18 | 14°47 | 10°24 | 1°51 | 2°12 | 20°38 | 22°14 | S 19 |
| S 20 | 13 52 32 | 0♉ 0'26 | 23°48 | 5° 7 | 9°41 | 18°42 | 15°27 | 12°35 | 2°19 | 14°47 | 10°24 | 1°51 | 2° 8 | 20°45 | 22°17 | S 20 |
| M21 | 13 56 29 | 0°59'16 | 8♉59 | 6°34 | 10°54 | 19°21 | 15°41 | 12°42 | 2°20 | 14°46 | 10°25 | 1°D51 | 2° 5 | 20°51 | 22°21 | M21 |
| T 22 | 14 0 25 | 1°58'04 | 24° 1 | 8° 2 | 12° 8 | 19°59 | 15°55 | 12°48 | 2°21 | 14°46 | 10°26 | 1°R51 | 2° 2 | 20°58 | 22°25 | T 22 |
| W23 | 14 4 22 | 2°56'50 | 8♊46 | 9°32 | 13°22 | 20°38 | 16°10 | 12°55 | 2°21 | 14°46 | 10°26 | 1°51 | 1°59 | 21° 5 | 22°28 | W23 |
| T 24 | 14 8 18 | 3°55'34 | 23° 9 | 11° 4 | 14°36 | 21°17 | 16°24 | 13° 2 | 2°22 | 14°46 | 10°27 | 1°51 | 1°56 | 21°11 | 22°32 | T 24 |
| F 25 | 14 12 15 | 4°54'16 | 7♋ 5 | 12°37 | 15°50 | 21°56 | 16°38 | 13° 8 | 2°23 | 14°D46 | 10°28 | 1°51 | 1°52 | 21°18 | 22°36 | F 25 |
| S 26 | 14 16 11 | 5°52'56 | 20°34 | 14°12 | 17° 3 | 22°35 | 16°52 | 13°15 | 2°23 | 14°46 | 10°28 | 1°50 | 1°49 | 21°24 | 22°39 | S 26 |
| S 27 | 14 20 8 | 6°51'34 | 3♌38 | 15°49 | 18°17 | 23°13 | 17° 6 | 13°22 | 2°24 | 14°46 | 10°29 | 1°D50 | 1°46 | 21°31 | 22°43 | S 27 |
| M28 | 14 24 5 | 7°50'09 | 16°19 | 17°28 | 19°31 | 23°52 | 17°20 | 13°29 | 2°24 | 14°46 | 10°30 | 1°50 | 1°43 | 21°38 | 22°47 | M28 |
| T 29 | 14 28 1 | 8°48'42 | 28°41 | 19° 8 | 20°45 | 24°31 | 17°34 | 13°36 | 2°25 | 14°46 | 10°31 | 1°51 | 1°40 | 21°44 | 22°50 | T 29 |
| W30 | 14 31 58 | 9♉47'13 | 10♍48 | 20♈50 | 21♈58 | 25♊10 | 17♈48 | 13♊42 | 2♒25 | 14♌46 | 10♋31 | 1♉51 | 1♉37 | 21♎51 | 22♈54 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n27 | 19n41 | 5n 0 | 6s31 | 0s35 | 6s34 | 1s17 | 22n23 | 1n 4 | 3n19 | 1s 4 | 20n29 | 1s33 | 20s12 | 0s31 | 16n20 | 0n 0 | 18n39 | 4s21 | 12n 9 | 12n32 | 6s 6 | 9n12 | 1n 4 |
| W 2 | 4 50 | 15 5 | 4 34 | 6 27 | 0 46 | 6 7 | 1 18 | 22 30 | 1 5 | 3 25 | 1 4 | 20 29 | 1 33 | 20 12 | 0 31 | 16 20 | 0 0 | 18 39 | 4 21 | 12 8 | 12 31 | 6 9 | 9 14 | 1 4 |
| T 3 | 5 13 | 9 58 | 3 55 | 6 21 | 0 57 | 5 39 | 1 19 | 22 37 | 1 5 | 3 30 | 1 4 | 20 30 | 1 32 | 20 11 | 0 31 | 16 20 | 0 0 | 18 39 | 4 21 | 12 7 | 12 30 | 6 12 | 9 15 | 1 4 |
| F 4 | 5 36 | 4 32 | 3 6 | 6 13 | 1 7 | 5 11 | 1 21 | 22 43 | 1 5 | 3 36 | 1 4 | 20 31 | 1 32 | 20 11 | 0 31 | 16 20 | 0 0 | 18 40 | 4 21 | 12 6 | 12 29 | 6 15 | 9 16 | 1 4 |
| S 5 | 5 59 | 1s 1 | 2 10 | 6 3 | 1 17 | 4 44 | 1 22 | 22 50 | 1 6 | 3 42 | 1 4 | 20 32 | 1 32 | 20 11 | 0 31 | 16 20 | 0 0 | 18 40 | 4 20 | 12 5 | 12 28 | 6 19 | 9 18 | 1 3 |
| S 6 | 6 22 | 6 32 | 1 8 | 5 51 | 1 26 | 4 16 | 1 23 | 22 56 | 1 6 | 3 47 | 1 4 | 20 33 | 1 32 | 20 10 | 0 31 | 16 21 | 0 0 | 18 40 | 4 20 | 12 5 | 12 27 | 6 22 | 9 19 | 1 3 |
| M 7 | 6 45 | 11 49 | 0 3 | 5 37 | 1 35 | 3 48 | 1 24 | 23 2 | 1 6 | 3 53 | 1 4 | 20 34 | 1 32 | 20 10 | 0 32 | 16 21 | 0 0 | 18 40 | 4 20 | 12 5 | 12 26 | 6 25 | 9 20 | 1 3 |
| T 8 | 7 7 | 16 42 | 1s 2 | 5 22 | 1 43 | 3 19 | 1 25 | 23 8 | 1 6 | 3 58 | 1 4 | 20 35 | 1 31 | 20 10 | 0 32 | 16 21 | 0 0 | 18 40 | 4 20 | 12 5 | 12 25 | 6 29 | 9 22 | 1 3 |
| W 9 | 7 30 | 20 59 | 2 5 | 5 5 | 1 50 | 2 51 | 1 26 | 23 13 | 1 7 | 4 4 | 1 4 | 20 36 | 1 31 | 20 10 | 0 32 | 16 21 | 0 0 | 18 40 | 4 20 | 12 5 | 12 23 | 6 32 | 9 23 | 1 3 |
| T 10 | 7 52 | 24 25 | 3 3 | 4 46 | 1 57 | 2 23 | 1 27 | 23 19 | 1 7 | 4 10 | 1 4 | 20 37 | 1 31 | 20 9 | 0 32 | 16 21 | 0 0 | 18 40 | 4 20 | 12 5 | 12 22 | 6 35 | 9 24 | 1 3 |
| F 11 | 8 14 | 26 49 | 3 53 | 4 26 | 2 4 | 1 54 | 1 28 | 23 24 | 1 7 | 4 15 | 1 4 | 20 38 | 1 31 | 20 9 | 0 32 | 16 21 | 0 0 | 18 40 | 4 20 | 12 6 | 12 21 | 6 39 | 9 26 | 1 3 |
| S 12 | 8 36 | 27 57 | 4 34 | 4 4 | 2 9 | 1 26 | 1 29 | 23 29 | 1 8 | 4 21 | 1 4 | 20 39 | 1 31 | 20 9 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 20 | 6 42 | 9 27 | 1 3 |
| S 13 | 8 58 | 27 39 | 5 3 | 3 41 | 2 15 | 0 57 | 1 30 | 23 34 | 1 8 | 4 26 | 1 4 | 20 40 | 1 30 | 20 9 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 19 | 6 45 | 9 28 | 1 3 |
| M14 | 9 20 | 25 50 | 5 17 | 3 17 | 2 19 | 0 28 | 1 30 | 23 39 | 1 8 | 4 32 | 1 4 | 20 41 | 1 30 | 20 8 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 18 | 6 48 | 9 30 | 1 3 |
| T 15 | 9 42 | 22 32 | 5 14 | 2 51 | 2 24 | 0n 1 | 1 31 | 23 44 | 1 8 | 4 37 | 1 4 | 20 42 | 1 30 | 20 8 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 17 | 6 52 | 9 31 | 1 3 |
| W16 | 10 3 | 17 53 | 4 53 | 2 23 | 2 27 | 0 29 | 1 31 | 23 48 | 1 8 | 4 43 | 1 4 | 20 43 | 1 30 | 20 8 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 16 | 6 55 | 9 32 | 1 3 |
| T 17 | 10 24 | 12 7 | 4 14 | 1 55 | 2 31 | 0 58 | 1 32 | 23 52 | 1 9 | 4 48 | 1 4 | 20 44 | 1 30 | 20 8 | 0 32 | 16 22 | 0 0 | 18 41 | 4 19 | 12 6 | 12 15 | 6 58 | 9 33 | 1 3 |
| F 18 | 10 45 | 5 32 | 3 17 | 1 25 | 2 33 | 1 27 | 1 32 | 23 56 | 1 9 | 4 54 | 1 4 | 20 45 | 1 30 | 20 8 | 0 32 | 16 22 | 0 0 | 18 41 | 4 18 | 12 6 | 12 14 | 7 2 | 9 35 | 1 3 |
| S 19 | 11 6 | 1n29 | 2 6 | 0 54 | 2 35 | 1 56 | 1 33 | 24 0 | 1 9 | 4 59 | 1 4 | 20 46 | 1 29 | 20 7 | 0 32 | 16 22 | 0 0 | 18 41 | 4 18 | 12 6 | 12 13 | 7 5 | 9 36 | 1 2 |
| S 20 | 11 27 | 8 31 | 0 45 | 0 22 | 2 37 | 2 24 | 1 33 | 24 4 | 1 9 | 5 5 | 1 4 | 20 47 | 1 29 | 20 7 | 0 32 | 16 22 | 0 0 | 18 41 | 4 18 | 12 6 | 12 11 | 7 8 | 9 37 | 1 2 |
| M21 | 11 48 | 15 5 | 0n40 | 0n11 | 2 38 | 2 53 | 1 33 | 24 7 | 1 10 | 5 10 | 1 4 | 20 48 | 1 29 | 20 7 | 0 32 | 16 22 | 0 0 | 18 42 | 4 18 | 12 6 | 12 10 | 7 12 | 9 39 | 1 2 |
| T 22 | 12 8 | 20 41 | 2 0 | 0 45 | 2 38 | 3 22 | 1 33 | 24 10 | 1 10 | 5 16 | 1 4 | 20 49 | 1 29 | 20 7 | 0 32 | 16 23 | 0 0 | 18 42 | 4 18 | 12 6 | 12 9 | 7 15 | 9 40 | 1 2 |
| W23 | 12 28 | 24 52 | 3 11 | 1 21 | 2 38 | 3 50 | 1 33 | 24 13 | 1 10 | 5 21 | 1 4 | 20 50 | 1 29 | 20 7 | 0 32 | 16 23 | 0 1 | 18 42 | 4 18 | 12 5 | 12 8 | 7 18 | 9 41 | 1 2 |
| T 24 | 12 48 | 27 21 | 4 8 | 1 57 | 2 38 | 4 19 | 1 33 | 24 16 | 1 10 | 5 27 | 1 4 | 20 51 | 1 29 | 20 7 | 0 32 | 16 23 | 0 1 | 18 42 | 4 18 | 12 5 | 12 7 | 7 21 | 9 43 | 1 2 |
| F 25 | 13 8 | 28 0 | 4 49 | 2 34 | 2 37 | 4 47 | 1 33 | 24 19 | 1 10 | 5 32 | 1 4 | 20 52 | 1 28 | 20 7 | 0 32 | 16 23 | 0 1 | 18 42 | 4 17 | 12 5 | 12 6 | 7 25 | 9 44 | 1 2 |
| S 26 | 13 27 | 26 57 | 5 12 | 3 12 | 2 35 | 5 16 | 1 33 | 24 21 | 1 10 | 5 37 | 1 5 | 20 53 | 1 28 | 20 6 | 0 32 | 16 23 | 0 1 | 18 42 | 4 17 | 12 5 | 12 5 | 7 28 | 9 45 | 1 2 |
| S 27 | 13 47 | 24 27 | 5 18 | 3 51 | 2 33 | 5 44 | 1 32 | 24 23 | 1 11 | 5 43 | 1 5 | 20 54 | 1 28 | 20 6 | 0 32 | 16 23 | 0 1 | 18 42 | 4 17 | 12 5 | 12 4 | 7 31 | 9 47 | 1 2 |
| M28 | 14 6 | 20 48 | 5 8 | 4 31 | 2 30 | 6 12 | 1 32 | 24 25 | 1 11 | 5 48 | 1 5 | 20 55 | 1 28 | 20 6 | 0 32 | 16 23 | 0 1 | 18 42 | 4 17 | 12 5 | 12 3 | 7 35 | 9 48 | 1 2 |
| T 29 | 14 24 | 16 20 | 4 44 | 5 12 | 2 27 | 6 40 | 1 32 | 24 27 | 1 11 | 5 53 | 1 5 | 20 56 | 1 28 | 20 6 | 0 32 | 16 23 | 0 1 | 18 42 | 4 17 | 12 5 | 12 2 | 7 38 | 9 49 | 1 2 |
| W30 | 14n43 | 11n19 | 4n 7 | 5n54 | 2s24 | 7n 8 | 1s31 | 24n29 | 1n11 | 5n58 | 1s 5 | 20n57 | 1s28 | 20s 6 | 0s32 | 16n23 | 0n 1 | 18n42 | 4s17 | 12n 6 | 12n 1 | 7s41 | 9n50 | 1n 2 |

Julian Day Number = 2602845.5, Delta T = 09m19s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'54, Lahiri = 29°38'56


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## MAY 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 35 54 | 10♉45'41 | 22♍46 | 22♈33 | 23♈12 | 25♊48 | 18♈ 2 | 13♊49 | 2♒25 | 14♌47 | 10♋32 | 1♉52 | 1♉33 | 21♎58 | 22♈57 | T 1 |
| F 2 | 14 39 51 | 11°44'08 | 4♎36 | 24°18 | 24°26 | 26°27 | 18°16 | 13°56 | 2°26 | 14°47 | 10°33 | 1°53 | 1°30 | 22° 4 | 23° 1 | F 2 |
| S 3 | 14 43 47 | 12°42'33 | 16°24 | 26° 5 | 25°40 | 27° 6 | 18°30 | 14° 3 | 2°26 | 14°47 | 10°34 | 1°54 | 1°27 | 22°11 | 23° 5 | S 3 |
| S 4 | 14 47 44 | 13°40'55 | 28°11 | 27°54 | 26°53 | 27°44 | 18°44 | 14°10 | 2°26 | 14°47 | 10°35 | 1°R54 | 1°24 | 22°18 | 23° 8 | S 4 |
| M 5 | 14 51 40 | 14°39'16 | 10♏ 2 | 29°44 | 28° 7 | 28°23 | 18°58 | 14°18 | 2°26 | 14°48 | 10°36 | 1°54 | 1°21 | 22°24 | 23°12 | M 5 |
| T 6 | 14 55 37 | 15°37'35 | 21°57 | 1♑37 | 29°21 | 29° 1 | 19°12 | 14°25 | 2°26 | 14°48 | 10°37 | 1°53 | 1°18 | 22°31 | 23°15 | T 6 |
| W 7 | 14 59 34 | 16°35'53 | 3♐59 | 3°30 | 0♑34 | 29°40 | 19°25 | 14°32 | 2°R26 | 14°48 | 10°38 | 1°52 | 1°14 | 22°38 | 23°19 | W 7 |
| T 8 | 15 3 30 | 17°34'08 | 16°10 | 5°26 | 1°48 | 0♒19 | 19°39 | 14°39 | 2°26 | 14°49 | 10°39 | 1°50 | 1°11 | 22°44 | 23°22 | T 8 |
| F 9 | 15 7 27 | 18°32'22 | 28°32 | 7°23 | 3° 2 | 0°57 | 19°53 | 14°46 | 2°26 | 14°49 | 10°39 | 1°47 | 1° 8 | 22°51 | 23°26 | F 9 |
| S 10 | 15 11 23 | 19°30'35 | 11♑ 7 | 9°22 | 4°15 | 1°36 | 20° 6 | 14°54 | 2°26 | 14°50 | 10°40 | 1°45 | 1° 5 | 22°58 | 23°29 | S 10 |
| S 11 | 15 15 20 | 20°28'46 | 23°56 | 11°23 | 5°29 | 2°14 | 20°20 | 15° 1 | 2°26 | 14°50 | 10°41 | 1°43 | 1° 2 | 23° 4 | 23°32 | S 11 |
| M12 | 15 19 16 | 21°26'55 | 7♒ 2 | 13°25 | 6°43 | 2°53 | 20°33 | 15° 8 | 2°25 | 14°51 | 10°42 | 1°41 | 0°58 | 23°11 | 23°36 | M12 |
| T 13 | 15 23 13 | 22°25'04 | 20°27 | 15°29 | 7°57 | 3°31 | 20°47 | 15°16 | 2°25 | 14°51 | 10°43 | 1°D41 | 0°55 | 23°17 | 23°39 | T 13 |
| W14 | 15 27 9 | 23°23'10 | 4♓11 | 17°34 | 9°10 | 4°10 | 21° 0 | 15°23 | 2°25 | 14°52 | 10°45 | 1°41 | 0°52 | 23°24 | 23°43 | W14 |
| T 15 | 15 31 6 | 24°21'16 | 18°17 | 19°41 | 10°24 | 4°48 | 21°13 | 15°31 | 2°24 | 14°53 | 10°46 | 1°42 | 0°49 | 23°31 | 23°46 | T 15 |
| F 16 | 15 35 3 | 25°19'19 | 2♈41 | 21°48 | 11°38 | 5°27 | 21°26 | 15°38 | 2°24 | 14°53 | 10°47 | 1°43 | 0°46 | 23°37 | 23°49 | F 16 |
| S 17 | 15 38 59 | 26°17'22 | 17°23 | 23°57 | 12°51 | 6° 5 | 21°40 | 15°46 | 2°23 | 14°54 | 10°48 | 1°45 | 0°43 | 23°44 | 23°52 | S 17 |
| S 18 | 15 42 56 | 27°15'23 | 2♉16 | 26° 7 | 14° 5 | 6°44 | 21°53 | 15°53 | 2°23 | 14°55 | 10°49 | 1°R45 | 0°39 | 23°51 | 23°56 | S 18 |
| M19 | 15 46 52 | 28°13'23 | 17°15 | 28°17 | 15°19 | 7°22 | 22° 6 | 16° 1 | 2°22 | 14°55 | 10°50 | 1°44 | 0°36 | 23°57 | 23°59 | M19 |
| T 20 | 15 50 49 | 29°11'22 | 2♊11 | 0♊28 | 16°32 | 8° 0 | 22°19 | 16° 8 | 2°22 | 14°56 | 10°51 | 1°42 | 0°33 | 24° 4 | 24° 2 | T 20 |
| W21 | 15 54 45 | 0♊ 9'19 | 16°55 | 2°39 | 17°46 | 8°39 | 22°32 | 16°16 | 2°21 | 14°57 | 10°52 | 1°39 | 0°30 | 24°11 | 24° 5 | W21 |
| T 22 | 15 58 42 | 1° 7'14 | 1♋21 | 4°50 | 19° 0 | 9°17 | 22°45 | 16°24 | 2°20 | 14°58 | 10°53 | 1°35 | 0°27 | 24°17 | 24° 8 | T 22 |
| F 23 | 16 2 38 | 2° 5'08 | 15°24 | 7° 1 | 20°13 | 9°56 | 22°58 | 16°31 | 2°20 | 14°59 | 10°55 | 1°31 | 0°24 | 24°24 | 24°12 | F 23 |
| S 24 | 16 6 35 | 3° 3'00 | 28°59 | 9°11 | 21°27 | 10°34 | 23°10 | 16°39 | 2°19 | 15° 0 | 10°56 | 1°26 | 0°20 | 24°31 | 24°15 | S 24 |
| S 25 | 16 10 32 | 4° 0'50 | 12♌ 9 | 11°20 | 22°41 | 11°12 | 23°23 | 16°47 | 2°18 | 15° 1 | 10°57 | 1°23 | 0°17 | 24°37 | 24°18 | S 25 |
| M26 | 16 14 28 | 4°58'39 | 24°53 | 13°28 | 23°54 | 11°51 | 23°36 | 16°54 | 2°17 | 15° 2 | 10°58 | 1°21 | 0°14 | 24°44 | 24°21 | M26 |
| T 27 | 16 18 25 | 5°56'26 | 7♍17 | 15°34 | 25° 8 | 12°29 | 23°48 | 17° 2 | 2°16 | 15° 3 | 11° 0 | 1°D21 | 0°11 | 24°51 | 24°24 | T 27 |
| W28 | 16 22 21 | 6°54'11 | 19°24 | 17°39 | 26°22 | 13° 7 | 24° 1 | 17°10 | 2°15 | 15° 4 | 11° 1 | 1°22 | 0° 8 | 24°57 | 24°27 | W28 |
| T 29 | 16 26 18 | 7°51'55 | 1♎20 | 19°42 | 27°35 | 13°46 | 24°13 | 17°17 | 2°14 | 15° 5 | 11° 2 | 1°23 | 0° 4 | 25° 4 | 24°30 | T 29 |
| F 30 | 16 30 14 | 8°49'37 | 13° 9 | 21°43 | 28°49 | 14°24 | 24°26 | 17°25 | 2°13 | 15° 6 | 11° 3 | 1°25 | 0° 1 | 25°10 | 24°33 | F 30 |
| S 31 | 16 34 11 | 9♊47'17 | 24♎56 | 23♊41 | 0♊ 2 | 15♋ 2 | 24♈38 | 17♊33 | 2♒12 | 15♌ 7 | 11♋ 5 | 1♉26 | 29♈58 | 25♎17 | 24♈35 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 1 | 5n56 | 3n21 | 6n36 | 2s19 | 7n36 | 1s31 | 24n31 | 1n11 | 6n 4 | 1s 5 | 20n58 | 1s27 | 20s 6 | 0s32 | 16n23 | 0n 1 | 18n42 | 4s17 | 12n 6 | 11n59 | 7s44 | 9n52 | 1n 2 |
| F 2 | 15 19 | 0 24 | 2 26 | 7 19 | 2 15 | 8 3 | 1 30 | 24 32 | 1 11 | 6 9 | 1 5 | 20 59 | 1 27 | 20 6 | 0 32 | 16 22 | 0 1 | 18 42 | 4 16 | 12 6 | 11 58 | 7 48 | 9 53 | 1 2 |
| S 3 | 15 37 | 5s 7 | 1 25 | 8 2 | 2 10 | 8 31 | 1 29 | 24 33 | 1 12 | 6 14 | 1 5 | 21 0 | 1 27 | 20 6 | 0 32 | 16 22 | 0 1 | 18 43 | 4 16 | 12 6 | 11 57 | 7 51 | 9 54 | 1 2 |
| S 4 | 15 55 | 10 29 | 0 21 | 8 47 | 2 4 | 8 58 | 1 29 | 24 34 | 1 12 | 6 19 | 1 5 | 21 1 | 1 27 | 20 6 | 0 32 | 16 22 | 0 1 | 18 43 | 4 16 | 12 7 | 11 56 | 7 54 | 9 56 | 1 2 |
| M 5 | 16 12 | 15 30 | 0s45 | 9 31 | 1 58 | 9 25 | 1 28 | 24 34 | 1 12 | 6 24 | 1 5 | 21 2 | 1 27 | 20 6 | 0 32 | 16 22 | 0 1 | 18 43 | 4 16 | 12 7 | 11 55 | 7 57 | 9 57 | 1 1 |
| T 6 | 16 29 | 19 58 | 1 49 | 10 16 | 1 51 | 9 52 | 1 27 | 24 35 | 1 12 | 6 30 | 1 5 | 21 3 | 1 27 | 20 6 | 0 32 | 16 22 | 0 1 | 18 43 | 4 16 | 12 6 | 11 54 | 8 1 | 9 58 | 1 1 |
| W 7 | 16 46 | 23 39 | 2 48 | 11 2 | 1 44 | 10 18 | 1 26 | 24 35 | 1 12 | 6 35 | 1 5 | 21 4 | 1 27 | 20 6 | 0 33 | 16 22 | 0 1 | 18 43 | 4 16 | 12 6 | 11 53 | 8 4 | 9 59 | 1 1 |
| T 8 | 17 2 | 26 20 | 3 41 | 11 47 | 1 36 | 10 44 | 1 25 | 24 35 | 1 12 | 6 40 | 1 5 | 21 4 | 1 26 | 20 6 | 0 33 | 16 22 | 0 1 | 18 43 | 4 16 | 12 5 | 11 52 | 8 7 | 10 1 | 1 1 |
| F 9 | 17 18 | 27 47 | 4 24 | 12 33 | 1 28 | 11 11 | 1 24 | 24 35 | 1 12 | 6 45 | 1 5 | 21 5 | 1 26 | 20 6 | 0 33 | 16 22 | 0 1 | 18 43 | 4 16 | 12 4 | 11 51 | 8 11 | 10 2 | 1 1 |
| S 10 | 17 34 | 27 50 | 4 56 | 13 19 | 1 20 | 11 36 | 1 23 | 24 35 | 1 12 | 6 50 | 1 5 | 21 6 | 1 26 | 20 6 | 0 33 | 16 22 | 0 1 | 18 43 | 4 15 | 12 3 | 11 49 | 8 14 | 10 3 | 1 1 |
| S 11 | 17 50 | 26 24 | 5 13 | 14 5 | 1 11 | 12 2 | 1 22 | 24 35 | 1 12 | 6 55 | 1 6 | 21 7 | 1 26 | 20 6 | 0 33 | 16 22 | 0 1 | 18 43 | 4 15 | 12 3 | 11 48 | 8 17 | 10 4 | 1 1 |
| M12 | 18 5 | 23 32 | 5 14 | 14 51 | 1 2 | 12 27 | 1 21 | 24 34 | 1 13 | 7 0 | 1 6 | 21 8 | 1 26 | 20 6 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 2 | 11 47 | 8 20 | 10 5 | 1 1 |
| T 13 | 18 20 | 19 22 | 4 59 | 15 36 | 0 52 | 12 52 | 1 19 | 24 33 | 1 13 | 7 5 | 1 6 | 21 9 | 1 26 | 20 7 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 2 | 11 46 | 8 24 | 10 7 | 1 1 |
| W14 | 18 35 | 14 5 | 4 26 | 16 21 | 0 43 | 13 17 | 1 18 | 24 32 | 1 13 | 7 10 | 1 6 | 21 10 | 1 26 | 20 7 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 2 | 11 45 | 8 27 | 10 8 | 1 1 |
| T 15 | 18 49 | 7 58 | 3 37 | 17 6 | 0 33 | 13 41 | 1 17 | 24 31 | 1 13 | 7 14 | 1 6 | 21 11 | 1 26 | 20 7 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 2 | 11 44 | 8 30 | 10 9 | 1 1 |
| F 16 | 19 3 | 1 17 | 2 33 | 17 49 | 0 22 | 14 6 | 1 15 | 24 29 | 1 13 | 7 19 | 1 6 | 21 12 | 1 25 | 20 7 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 3 | 11 43 | 8 33 | 10 10 | 1 1 |
| S 17 | 19 17 | 5n36 | 1 18 | 18 32 | 0 12 | 14 29 | 1 14 | 24 28 | 1 13 | 7 24 | 1 6 | 21 13 | 1 25 | 20 7 | 0 33 | 16 21 | 0 1 | 18 43 | 4 15 | 12 3 | 11 42 | 8 37 | 10 11 | 1 1 |
| S 18 | 19 30 | 12 17 | 0n 3 | 19 13 | 0 1 | 14 53 | 1 12 | 24 26 | 1 13 | 7 29 | 1 6 | 21 14 | 1 25 | 20 7 | 0 33 | 16 20 | 0 1 | 18 43 | 4 14 | 12 3 | 11 41 | 8 40 | 10 12 | 1 1 |
| M19 | 19 43 | 18 18 | 1 24 | 19 53 | 0n 9 | 15 16 | 1 11 | 24 24 | 1 13 | 7 34 | 1 6 | 21 15 | 1 25 | 20 7 | 0 33 | 16 20 | 0 1 | 18 43 | 4 14 | 12 3 | 11 40 | 8 43 | 10 14 | 1 1 |
| T 20 | 19 56 | 23 9 | 2 40 | 20 32 | 0 20 | 15 38 | 1 9 | 24 22 | 1 13 | 7 38 | 1 6 | 21 16 | 1 25 | 20 8 | 0 33 | 16 20 | 0 1 | 18 43 | 4 14 | 12 2 | 11 38 | 8 46 | 10 15 | 1 1 |
| W21 | 20 8 | 26 27 | 3 43 | 21 8 | 0 30 | 16 1 | 1 8 | 24 20 | 1 13 | 7 43 | 1 7 | 21 16 | 1 25 | 20 8 | 0 33 | 16 20 | 0 1 | 18 43 | 4 14 | 12 1 | 11 37 | 8 50 | 10 16 | 1 1 |
| T 22 | 20 20 | 27 54 | 4 31 | 21 43 | 0 40 | 16 22 | 1 6 | 24 17 | 1 13 | 7 48 | 1 7 | 21 17 | 1 25 | 20 8 | 0 33 | 16 19 | 0 1 | 18 43 | 4 14 | 12 0 | 11 36 | 8 53 | 10 17 | 1 1 |
| F 23 | 20 32 | 27 29 | 5 1 | 22 16 | 0 50 | 16 44 | 1 4 | 24 14 | 1 13 | 7 52 | 1 7 | 21 18 | 1 25 | 20 8 | 0 33 | 16 19 | 0 1 | 18 43 | 4 14 | 11 58 | 11 35 | 8 56 | 10 18 | 1 1 |
| S 24 | 20 43 | 25 25 | 5 13 | 22 46 | 1 0 | 17 5 | 1 2 | 24 11 | 1 13 | 7 57 | 1 7 | 21 19 | 1 25 | 20 8 | 0 33 | 16 19 | 0 1 | 18 43 | 4 14 | 11 57 | 11 34 | 8 59 | 10 19 | 1 1 |
| S 25 | 20 54 | 22 2 | 5 7 | 23 14 | 1 9 | 17 26 | 1 0 | 24 8 | 1 14 | 8 2 | 1 7 | 21 20 | 1 24 | 20 9 | 0 33 | 16 19 | 0 1 | 18 43 | 4 14 | 11 56 | 11 33 | 9 3 | 10 20 | 1 1 |
| M26 | 21 5 | 17 42 | 4 47 | 23 39 | 1 18 | 17 46 | 0 59 | 24 5 | 1 14 | 8 6 | 1 7 | 21 21 | 1 24 | 20 9 | 0 33 | 16 18 | 0 1 | 18 43 | 4 13 | 11 55 | 11 32 | 9 6 | 10 21 | 1 1 |
| T 27 | 21 15 | 12 45 | 4 14 | 24 2 | 1 26 | 18 5 | 0 57 | 24 1 | 1 14 | 8 11 | 1 7 | 21 22 | 1 24 | 20 9 | 0 33 | 16 18 | 0 1 | 18 43 | 4 13 | 11 55 | 11 31 | 9 9 | 10 22 | 1 0 |
| W28 | 21 25 | 7 24 | 3 30 | 24 22 | 1 34 | 18 25 | 0 55 | 23 58 | 1 14 | 8 15 | 1 7 | 21 22 | 1 24 | 20 9 | 0 33 | 16 18 | 0 1 | 18 43 | 4 13 | 11 55 | 11 30 | 9 12 | 10 24 | 1 0 |
| T 29 | 21 34 | 1 53 | 2 37 | 24 40 | 1 40 | 18 43 | 0 53 | 23 54 | 1 14 | 8 20 | 1 7 | 21 23 | 1 24 | 20 10 | 0 33 | 16 18 | 0 1 | 18 44 | 4 13 | 11 56 | 11 28 | 9 16 | 10 25 | 1 0 |
| F 30 | 21 43 | 3s40 | 1 38 | 24 54 | 1 47 | 19 2 | 0 51 | 23 50 | 1 14 | 8 24 | 1 8 | 21 24 | 1 24 | 20 10 | 0 33 | 16 17 | 0 1 | 18 44 | 4 13 | 11 56 | 11 27 | 9 19 | 10 26 | 1 0 |
| S 31 | 21n52 | 9s 5 | 0n35 | 25n 6 | 1n52 | 19n19 | 0s49 | 23n46 | 1n14 | 8n28 | 1s 8 | 21n25 | 1s24 | 20s10 | 0s33 | 16n17 | 0n 1 | 18n44 | 4s13 | 11n57 | 11n26 | 9s22 | 10n27 | 1n 0 |

Julian Day Number = 2602875.5, Delta T = 09m20s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°31'58, Lahiri = 29°39'00


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## JUNE 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 38 7 | 10♊44'56 | 6♏45 | 25♊37 | 1♊16 | 15♋40 | 24♈50 | 17♊41 | 2°R11 | 15♘ 8 | 11♋ 6 | 1°R26 | 29♈55 | 25♎24 | 24♈38 | S 1 |
| M 2 | 16 42 4 | 11°42'34 | 18°40 | 27°31 | 2°30 | 16°19 | 25° 2 | 17°48 | 2♒ 9 | 15° 9 | 11° 7 | 1♉24 | 29°52 | 25°30 | 24°41 | M 2 |
| T 3 | 16 46 1 | 12°40'11 | 0♐44 | 29°22 | 3°43 | 16°57 | 25°14 | 17°56 | 2° 8 | 15°10 | 11° 8 | 1°21 | 29°49 | 25°37 | 24°44 | T 3 |
| W 4 | 16 49 57 | 13°37'46 | 12°58 | 1♋10 | 4°57 | 17°35 | 25°26 | 18° 4 | 2° 7 | 15°12 | 11°10 | 1°16 | 29°45 | 25°44 | 24°47 | W 4 |
| T 5 | 16 53 54 | 14°35'20 | 25°25 | 2°55 | 6°11 | 18°13 | 25°38 | 18°12 | 2° 6 | 15°13 | 11°11 | 1° 9 | 29°42 | 25°50 | 24°49 | T 5 |
| F 6 | 16 57 50 | 15°32'53 | 8♑ 4 | 4°38 | 7°24 | 18°51 | 25°50 | 18°20 | 2° 4 | 15°14 | 11°12 | 1° 1 | 29°39 | 25°57 | 24°52 | F 6 |
| S 7 | 17 1 47 | 16°30'26 | 20°56 | 6°17 | 8°38 | 19°30 | 26° 1 | 18°27 | 2° 3 | 15°15 | 11°14 | 0°54 | 29°36 | 26° 4 | 24°55 | S 7 |
| S 8 | 17 5 43 | 17°27'57 | 4♒ 2 | 7°54 | 9°52 | 20° 8 | 26°13 | 18°35 | 2° 1 | 15°17 | 11°15 | 0°47 | 29°33 | 26°10 | 24°57 | S 8 |
| M 9 | 17 9 40 | 18°25'27 | 17°20 | 9°28 | 11° 5 | 20°46 | 26°25 | 18°43 | 2° 0 | 15°18 | 11°17 | 0°41 | 29°30 | 26°17 | 25° 0 | M 9 |
| T 10 | 17 13 37 | 19°22'57 | 0♓51 | 10°59 | 12°19 | 21°24 | 26°36 | 18°51 | 1°58 | 15°20 | 11°18 | 0°38 | 29°26 | 26°24 | 25° 2 | T 10 |
| W11 | 17 17 33 | 20°20'25 | 14°36 | 12°27 | 13°32 | 22° 2 | 26°47 | 18°59 | 1°57 | 15°21 | 11°19 | 0°D36 | 29°23 | 26°30 | 25° 5 | W11 |
| T 12 | 17 21 30 | 21°17'53 | 28°33 | 13°52 | 14°46 | 22°40 | 26°59 | 19° 6 | 1°55 | 15°22 | 11°21 | 0°36 | 29°20 | 26°37 | 25° 7 | T 12 |
| F 13 | 17 25 26 | 22°15'21 | 12♈44 | 15°14 | 16° 0 | 23°19 | 27°10 | 19°14 | 1°53 | 15°24 | 11°22 | 0°37 | 29°17 | 26°43 | 25° 9 | F 13 |
| S 14 | 17 29 23 | 23°12'48 | 27° 6 | 16°32 | 17°13 | 23°57 | 27°21 | 19°22 | 1°52 | 15°25 | 11°24 | 0°R38 | 29°14 | 26°50 | 25°12 | S 14 |
| S 15 | 17 33 19 | 24°10'14 | 11♉38 | 17°48 | 18°27 | 24°35 | 27°32 | 19°30 | 1°50 | 15°27 | 11°25 | 0°37 | 29°10 | 26°57 | 25°14 | S 15 |
| M16 | 17 37 16 | 25° 7'40 | 26°14 | 19° 1 | 19°41 | 25°13 | 27°43 | 19°38 | 1°48 | 15°28 | 11°26 | 0°35 | 29° 7 | 27° 3 | 25°16 | M16 |
| T 17 | 17 41 12 | 26° 5'05 | 10♊50 | 20°10 | 20°54 | 25°51 | 27°53 | 19°45 | 1°47 | 15°30 | 11°28 | 0°30 | 29° 4 | 27°10 | 25°18 | T 17 |
| W18 | 17 45 9 | 27° 2'29 | 25°19 | 21°16 | 22° 8 | 26°29 | 28° 4 | 19°53 | 1°45 | 15°32 | 11°29 | 0°23 | 29° 1 | 27°17 | 25°21 | W18 |
| T 19 | 17 49 6 | 27°59'53 | 9♋35 | 22°18 | 23°22 | 27° 7 | 28°15 | 20° 1 | 1°43 | 15°33 | 11°31 | 0°14 | 28°58 | 27°23 | 25°23 | T 19 |
| F 20 | 17 53 2 | 28°57'16 | 23°31 | 23°17 | 24°35 | 27°45 | 28°25 | 20° 9 | 1°41 | 15°35 | 11°32 | 0° 5 | 28°55 | 27°30 | 25°25 | F 20 |
| S 21 | 17 56 59 | 29°54'38 | 7♌ 5 | 24°13 | 25°49 | 28°23 | 28°35 | 20°16 | 1°39 | 15°36 | 11°34 | 29♈56 | 28°51 | 27°37 | 25°27 | S 21 |
| S 22 | 18 0 55 | 0♋51'59 | 20°14 | 25° 5 | 27° 3 | 29° 1 | 28°46 | 20°24 | 1°37 | 15°38 | 11°35 | 29°48 | 28°48 | 27°43 | 25°29 | S 22 |
| M23 | 18 4 52 | 1°49'19 | 3♍ 0 | 25°53 | 28°16 | 29°40 | 28°56 | 20°32 | 1°35 | 15°40 | 11°36 | 29°42 | 28°45 | 27°50 | 25°31 | M23 |
| T 24 | 18 8 48 | 2°46'38 | 15°25 | 26°37 | 29°30 | 0♌18 | 29° 6 | 20°40 | 1°33 | 15°42 | 11°38 | 29°39 | 28°42 | 27°57 | 25°33 | T 24 |
| W25 | 18 12 45 | 3°43'57 | 27°33 | 27°18 | 0♋44 | 0°56 | 29°16 | 20°47 | 1°31 | 15°43 | 11°39 | 29°37 | 28°39 | 28° 3 | 25°35 | W25 |
| T 26 | 18 16 41 | 4°41'15 | 9♎29 | 27°54 | 1°57 | 1°34 | 29°25 | 20°55 | 1°29 | 15°45 | 11°41 | 29°D37 | 28°36 | 28°10 | 25°36 | T 26 |
| F 27 | 18 20 38 | 5°38'31 | 21°18 | 28°27 | 3°11 | 2°12 | 29°35 | 21° 3 | 1°27 | 15°47 | 11°42 | 29°38 | 28°32 | 28°17 | 25°38 | F 27 |
| S 28 | 18 24 35 | 6°35'48 | 3♏ 7 | 28°55 | 4°25 | 2°50 | 29°45 | 21°10 | 1°25 | 15°49 | 11°44 | 29°R38 | 28°29 | 28°23 | 25°40 | S 28 |
| S 29 | 18 28 31 | 7°33'03 | 14°59 | 29°19 | 5°39 | 3°28 | 29°54 | 21°18 | 1°23 | 15°50 | 11°45 | 29°37 | 28°26 | 28°30 | 25°41 | S 29 |
| M30 | 18 32 28 | 8♋30'18 | 26♏59 | 29♋38 | 6♋52 | 4♌ 6 | 0♉ 3 | 21♊25 | 1♒21 | 15♘52 | 11♋47 | 29♈33 | 28♈23 | 28♎36 | 25♈43 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 1 | 14s12 | 0s29 | 25n16 | 1n57 | 19n37 | 0s47 | 23n41 | 1n14 | 8n33 | 1s 8 | 21n26 | 1s24 | 20s10 | 0s33 | 16n17 | 0n 1 | 18n44 | 4s13 | 11n57 | 11n25 | 9s25 | 10n28 | 1n 0 |
| M 2 | 22 8 | 18 49 | 1 32 | 25 23 | 2 1 | 19 53 | 0 44 | 23 37 | 1 14 | 8 37 | 1 8 | 21 26 | 1 24 | 20 11 | 0 33 | 16 16 | 0 1 | 18 43 | 4 13 | 11 56 | 11 24 | 9 29 | 10 29 | 1 0 |
| T 3 | 22 16 | 22 45 | 2 32 | 25 28 | 2 5 | 20 9 | 0 42 | 23 32 | 1 14 | 8 41 | 1 8 | 21 27 | 1 24 | 20 11 | 0 33 | 16 16 | 0 1 | 18 43 | 4 13 | 11 55 | 11 23 | 9 32 | 10 30 | 1 0 |
| W 4 | 22 23 | 25 43 | 3 26 | 25 30 | 2 7 | 20 25 | 0 40 | 23 27 | 1 14 | 8 45 | 1 8 | 21 28 | 1 24 | 20 11 | 0 33 | 16 16 | 0 1 | 18 43 | 4 13 | 11 53 | 11 22 | 9 35 | 10 31 | 1 0 |
| T 5 | 22 30 | 27 29 | 4 11 | 25 30 | 2 9 | 20 40 | 0 38 | 23 22 | 1 14 | 8 50 | 1 8 | 21 29 | 1 24 | 20 12 | 0 33 | 16 15 | 0 1 | 18 43 | 4 12 | 11 51 | 11 21 | 9 38 | 10 32 | 1 0 |
| F 6 | 22 36 | 27 52 | 4 44 | 25 28 | 2 10 | 20 55 | 0 36 | 23 17 | 1 14 | 8 54 | 1 8 | 21 29 | 1 23 | 20 12 | 0 33 | 16 15 | 0 1 | 18 43 | 4 12 | 11 48 | 11 20 | 9 42 | 10 32 | 1 0 |
| S 7 | 22 42 | 26 45 | 5 4 | 25 24 | 2 10 | 21 9 | 0 33 | 23 11 | 1 14 | 8 58 | 1 9 | 21 30 | 1 23 | 20 12 | 0 34 | 16 14 | 0 1 | 18 43 | 4 12 | 11 46 | 11 18 | 9 45 | 10 33 | 1 0 |
| S 8 | 22 48 | 24 11 | 5 8 | 25 18 | 2 9 | 21 22 | 0 31 | 23 6 | 1 14 | 9 2 | 1 9 | 21 31 | 1 23 | 20 13 | 0 34 | 16 14 | 0 1 | 18 43 | 4 12 | 11 43 | 11 17 | 9 48 | 10 34 | 1 0 |
| M 9 | 22 53 | 20 17 | 4 55 | 25 10 | 2 8 | 21 35 | 0 29 | 23 0 | 1 14 | 9 6 | 1 9 | 21 32 | 1 23 | 20 13 | 0 34 | 16 14 | 0 1 | 18 43 | 4 12 | 11 41 | 11 16 | 9 51 | 10 35 | 1 0 |
| T 10 | 22 58 | 15 18 | 4 27 | 25 1 | 2 5 | 21 47 | 0 27 | 22 54 | 1 14 | 9 10 | 1 9 | 21 32 | 1 23 | 20 13 | 0 34 | 16 13 | 0 1 | 18 43 | 4 12 | 11 40 | 11 15 | 9 54 | 10 36 | 1 0 |
| W11 | 23 2 | 9 28 | 3 42 | 24 50 | 2 2 | 21 58 | 0 24 | 22 48 | 1 14 | 9 14 | 1 9 | 21 33 | 1 23 | 20 14 | 0 34 | 16 13 | 0 1 | 18 43 | 4 12 | 11 39 | 11 14 | 9 58 | 10 37 | 1 0 |
| T 12 | 23 6 | 3 5 | 2 44 | 24 38 | 1 58 | 22 9 | 0 22 | 22 42 | 1 14 | 9 18 | 1 9 | 21 34 | 1 23 | 20 14 | 0 34 | 16 12 | 0 1 | 18 43 | 4 12 | 11 39 | 11 13 | 10 1 | 10 38 | 1 0 |
| F 13 | 23 10 | 3n34 | 1 35 | 24 24 | 1 54 | 22 20 | 0 20 | 22 35 | 1 14 | 9 22 | 1 10 | 21 34 | 1 23 | 20 15 | 0 34 | 16 12 | 0 1 | 18 43 | 4 12 | 11 40 | 11 12 | 10 4 | 10 39 | 1 0 |
| S 14 | 23 13 | 10 8 | 0 19 | 24 9 | 1 48 | 22 29 | 0 17 | 22 29 | 1 14 | 9 25 | 1 10 | 21 35 | 1 23 | 20 15 | 0 34 | 16 12 | 0 1 | 18 43 | 4 12 | 11 40 | 11 11 | 10 7 | 10 39 | 1 0 |
| S 15 | 23 16 | 16 13 | 0n59 | 23 54 | 1 42 | 22 38 | 0 15 | 22 22 | 1 14 | 9 29 | 1 10 | 21 36 | 1 23 | 20 15 | 0 34 | 16 11 | 0 1 | 18 43 | 4 12 | 11 40 | 11 9 | 10 11 | 10 40 | 1 0 |
| M16 | 23 18 | 21 25 | 2 13 | 23 37 | 1 35 | 22 47 | 0 12 | 22 15 | 1 14 | 9 33 | 1 10 | 21 36 | 1 23 | 20 16 | 0 34 | 16 11 | 0 1 | 18 43 | 4 11 | 11 39 | 11 8 | 10 14 | 10 41 | 1 0 |
| T 17 | 23 20 | 25 18 | 3 18 | 23 19 | 1 28 | 22 54 | 0 10 | 22 8 | 1 14 | 9 37 | 1 10 | 21 37 | 1 23 | 20 16 | 0 34 | 16 10 | 0 1 | 18 43 | 4 11 | 11 37 | 11 7 | 10 17 | 10 42 | 1 0 |
| W18 | 23 21 | 27 28 | 4 10 | 23 1 | 1 19 | 23 2 | 0 8 | 22 1 | 1 14 | 9 40 | 1 10 | 21 38 | 1 23 | 20 17 | 0 34 | 16 10 | 0 1 | 18 43 | 4 11 | 11 35 | 11 6 | 10 20 | 10 43 | 1 0 |
| T 19 | 23 22 | 27 47 | 4 46 | 22 42 | 1 10 | 23 8 | 0 5 | 21 53 | 1 14 | 9 44 | 1 10 | 21 38 | 1 23 | 20 17 | 0 34 | 16 9 | 0 1 | 18 43 | 4 11 | 11 32 | 11 5 | 10 23 | 10 43 | 1 0 |
| F 20 | 23 23 | 26 19 | 5 3 | 22 23 | 1 0 | 23 14 | 0 3 | 21 46 | 1 13 | 9 47 | 1 11 | 21 39 | 1 23 | 20 18 | 0 34 | 16 9 | 0 1 | 18 43 | 4 11 | 11 29 | 11 4 | 10 27 | 10 44 | 1 0 |
| S 21 | 23 23 | 23 20 | 5 3 | 22 3 | 0 50 | 23 19 | 0 1 | 21 38 | 1 13 | 9 51 | 1 11 | 21 40 | 1 23 | 20 18 | 0 34 | 16 8 | 0 1 | 18 43 | 4 11 | 11 25 | 11 3 | 10 30 | 10 45 | 1 0 |
| S 22 | 23 23 | 19 13 | 4 46 | 21 43 | 0 39 | 23 23 | 0n 2 | 21 30 | 1 13 | 9 54 | 1 11 | 21 40 | 1 22 | 20 18 | 0 34 | 16 8 | 0 1 | 18 43 | 4 11 | 11 23 | 11 2 | 10 33 | 10 46 | 1 0 |
| M23 | 23 23 | 14 21 | 4 15 | 21 22 | 0 27 | 23 27 | 0 4 | 21 22 | 1 13 | 9 58 | 1 11 | 21 41 | 1 22 | 20 19 | 0 34 | 16 7 | 0 1 | 18 43 | 4 11 | 11 21 | 11 0 | 10 36 | 10 46 | 1 0 |
| T 24 | 23 22 | 9 1 | 3 33 | 21 2 | 0 15 | 23 30 | 0 7 | 21 14 | 1 13 | 10 1 | 1 11 | 21 41 | 1 22 | 20 19 | 0 34 | 16 7 | 0 1 | 18 43 | 4 11 | 11 19 | 10 59 | 10 39 | 10 47 | 1 0 |
| W25 | 23 20 | 3 28 | 2 43 | 20 41 | 0 2 | 23 32 | 0 9 | 21 6 | 1 13 | 10 4 | 1 12 | 21 42 | 1 22 | 20 20 | 0 34 | 16 6 | 0 1 | 18 43 | 4 11 | 11 19 | 10 58 | 10 43 | 10 48 | 1 0 |
| T 26 | 23 18 | 2s 8 | 1 45 | 20 21 | 0s11 | 23 34 | 0 11 | 20 57 | 1 13 | 10 8 | 1 12 | 21 43 | 1 22 | 20 20 | 0 34 | 16 6 | 0 1 | 18 43 | 4 11 | 11 19 | 10 57 | 10 46 | 10 48 | 1 0 |
| F 27 | 23 16 | 7 36 | 0 44 | 20 1 | 0 25 | 23 35 | 0 14 | 20 49 | 1 13 | 10 11 | 1 12 | 21 43 | 1 22 | 20 21 | 0 34 | 16 5 | 0 1 | 18 43 | 4 11 | 11 19 | 10 56 | 10 49 | 10 49 | 1 0 |
| S 28 | 23 13 | 12 49 | 0s19 | 19 41 | 0 40 | 23 35 | 0 16 | 20 40 | 1 13 | 10 14 | 1 12 | 21 44 | 1 22 | 20 21 | 0 34 | 16 5 | 0 1 | 18 43 | 4 11 | 11 19 | 10 55 | 10 52 | 10 49 | 1 0 |
| S 29 | 23 10 | 17 35 | 1 21 | 19 21 | 0 55 | 23 34 | 0 18 | 20 31 | 1 13 | 10 17 | 1 12 | 21 44 | 1 22 | 20 22 | 0 34 | 16 4 | 0 1 | 18 43 | 4 11 | 11 19 | 10 54 | 10 55 | 10 50 | 0 59 |
| M30 | 23n 7 | 21s43 | 2s20 | 19n 2 | 1s10 | 23n33 | 0n21 | 20n22 | 1n13 | 10n20 | 1s12 | 21n45 | 1s22 | 20s22 | 0s34 | 16n 4 | 0n 1 | 18n42 | 4s11 | 11n18 | 10n53 | 10s59 | 10n51 | 0n59 |

Julian Day Number = 2602906.5, Delta T = 09m20s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'03, Lahiri = 29°39'04


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## JULY 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 36 24 | 9♋27'32 | 9♐11 | 29♋53 | 8♋ 6 | 4♌44 | 0♉12 | 21♊33 | 1°R19 | 15♌54 | 11♋48 | 29°R28 | 28♈20 | 28♎43 | 25♈45 | T 1 |
| W 2 | 18 40 21 | 10°24'46 | 21°38 | 0♌ 3 | 9°20 | 5°22 | 0°22 | 21°41 | 1♒16 | 15°56 | 11°50 | 29♈19 | 28°16 | 28°50 | 25°46 | W 2 |
| T 3 | 18 44 17 | 11°22'00 | 4♑21 | 0° 9 | 10°33 | 6° 0 | 0°30 | 21°48 | 1°14 | 15°58 | 11°51 | 29° 9 | 28°13 | 28°56 | 25°48 | T 3 |
| F 4 | 18 48 14 | 12°19'13 | 17°20 | 0°R10 | 11°47 | 6°38 | 0°39 | 21°56 | 1°12 | 16° 0 | 11°53 | 28°58 | 28°10 | 29° 3 | 25°49 | F 4 |
| S 5 | 18 52 10 | 13°16'26 | 0♒34 | 0° 7 | 13° 1 | 7°16 | 0°48 | 22° 3 | 1°10 | 16° 2 | 11°54 | 28°46 | 28° 7 | 29°10 | 25°50 | S 5 |
| S 6 | 18 56 7 | 14°13'39 | 14° 2 | 29♋59 | 14°15 | 7°54 | 0°56 | 22°10 | 1° 7 | 16° 4 | 11°56 | 28°35 | 28° 4 | 29°16 | 25°52 | S 6 |
| M 7 | 19 0 4 | 15°10'51 | 27°41 | 29°46 | 15°28 | 8°32 | 1° 5 | 22°18 | 1° 5 | 16° 6 | 11°57 | 28°26 | 28° 1 | 29°23 | 25°53 | M 7 |
| T 8 | 19 4 0 | 16° 8'04 | 11♓29 | 29°29 | 16°42 | 9° 9 | 1°13 | 22°25 | 1° 3 | 16° 8 | 11°59 | 28°20 | 27°57 | 29°30 | 25°54 | T 8 |
| W 9 | 19 7 57 | 17° 5'17 | 25°24 | 29° 9 | 17°56 | 9°47 | 1°21 | 22°33 | 1° 1 | 16°10 | 12° 0 | 28°17 | 27°54 | 29°36 | 25°55 | W 9 |
| T 10 | 19 11 53 | 18° 2'30 | 9♈25 | 28°44 | 19° 9 | 10°25 | 1°29 | 22°40 | 0°58 | 16°12 | 12° 2 | 28°15 | 27°51 | 29°43 | 25°56 | T 10 |
| F 11 | 19 15 50 | 18°59'43 | 23°31 | 28°16 | 20°23 | 11° 3 | 1°37 | 22°47 | 0°56 | 16°14 | 12° 3 | 28°15 | 27°48 | 29°50 | 25°57 | F 11 |
| S 12 | 19 19 46 | 19°56'56 | 7♉40 | 27°45 | 21°37 | 11°41 | 1°45 | 22°55 | 0°54 | 16°16 | 12° 4 | 28°15 | 27°45 | 29°56 | 25°58 | S 12 |
| S 13 | 19 23 43 | 20°54'10 | 21°53 | 27°12 | 22°51 | 12°19 | 1°52 | 23° 2 | 0°51 | 16°18 | 12° 6 | 28°14 | 27°42 | 0♏ 3 | 25°59 | S 13 |
| M14 | 19 27 39 | 21°51'24 | 6♊ 6 | 26°36 | 24° 5 | 12°57 | 2° 0 | 23° 9 | 0°49 | 16°20 | 12° 7 | 28°10 | 27°38 | 0° 9 | 26° 0 | M14 |
| T 15 | 19 31 36 | 22°48'39 | 20°17 | 25°59 | 25°18 | 13°35 | 2° 7 | 23°16 | 0°46 | 16°22 | 12° 9 | 28° 3 | 27°35 | 0°16 | 26° 1 | T 15 |
| W16 | 19 35 33 | 23°45'54 | 4♋22 | 25°21 | 26°32 | 14°13 | 2°14 | 23°23 | 0°44 | 16°24 | 12°10 | 27°54 | 27°32 | 0°23 | 26° 2 | W16 |
| T 17 | 19 39 29 | 24°43'08 | 18°17 | 24°43 | 27°46 | 14°51 | 2°21 | 23°30 | 0°42 | 16°26 | 12°12 | 27°43 | 27°29 | 0°29 | 26° 3 | T 17 |
| F 18 | 19 43 26 | 25°40'24 | 1♌56 | 24° 5 | 29° 0 | 15°29 | 2°28 | 23°37 | 0°39 | 16°28 | 12°13 | 27°31 | 27°26 | 0°36 | 26° 3 | F 18 |
| S 19 | 19 47 22 | 26°37'39 | 15°17 | 23°29 | 0♌14 | 16° 7 | 2°35 | 23°44 | 0°37 | 16°30 | 12°15 | 27°19 | 27°22 | 0°43 | 26° 4 | S 19 |
| S 20 | 19 51 19 | 27°34'54 | 28°18 | 22°54 | 1°28 | 16°45 | 2°41 | 23°51 | 0°34 | 16°32 | 12°16 | 27° 9 | 27°19 | 0°49 | 26° 5 | S 20 |
| M21 | 19 55 15 | 28°32'09 | 10♍59 | 22°21 | 2°41 | 17°23 | 2°48 | 23°58 | 0°32 | 16°34 | 12°18 | 27° 0 | 27°16 | 0°56 | 26° 5 | M21 |
| T 22 | 19 59 12 | 29°29'25 | 23°22 | 21°51 | 3°55 | 18° 1 | 2°54 | 24° 5 | 0°30 | 16°36 | 12°19 | 26°54 | 27°13 | 1° 3 | 26° 6 | T 22 |
| W23 | 20 3 9 | 0♌26'40 | 5♎29 | 21°25 | 5° 9 | 18°39 | 3° 0 | 24°12 | 0°27 | 16°39 | 12°20 | 26°51 | 27°10 | 1° 9 | 26° 6 | W23 |
| T 24 | 20 7 5 | 1°23'56 | 17°24 | 21° 3 | 6°23 | 19°17 | 3° 6 | 24°19 | 0°25 | 16°41 | 12°22 | 26°50 | 27° 7 | 1°16 | 26° 6 | T 24 |
| F 25 | 20 11 2 | 2°21'12 | 29°14 | 20°45 | 7°37 | 19°55 | 3°11 | 24°26 | 0°22 | 16°43 | 12°23 | 26°50 | 27° 3 | 1°23 | 26° 7 | F 25 |
| S 26 | 20 14 58 | 3°18'28 | 11♏ 3 | 20°32 | 8°51 | 20°33 | 3°17 | 24°32 | 0°20 | 16°45 | 12°25 | 26°50 | 27° 0 | 1°29 | 26° 7 | S 26 |
| S 27 | 20 18 55 | 4°15'44 | 22°56 | 20°24 | 10° 5 | 21°11 | 3°22 | 24°39 | 0°18 | 16°47 | 12°26 | 26°48 | 26°57 | 1°36 | 26° 7 | S 27 |
| M28 | 20 22 51 | 5°13'00 | 4♐59 | 20°D22 | 11°18 | 21°48 | 3°27 | 24°46 | 0°15 | 16°49 | 12°27 | 26°45 | 26°54 | 1°43 | 26° 7 | M28 |
| T 29 | 20 26 48 | 6°10'17 | 17°17 | 20°25 | 12°32 | 22°26 | 3°32 | 24°52 | 0°13 | 16°52 | 12°29 | 26°40 | 26°51 | 1°49 | 26° 7 | T 29 |
| W30 | 20 30 44 | 7° 7'34 | 29°53 | 20°34 | 13°46 | 23° 4 | 3°37 | 24°59 | 0°10 | 16°54 | 12°30 | 26°32 | 26°48 | 1°56 | 26°R 7 | W30 |
| T 31 | 20 34 41 | 8♌ 4'51 | 12♑49 | 20♋48 | 15♌ 0 | 23♌42 | 3♉42 | 25♊ 5 | 0♒ 8 | 16♌56 | 12♋31 | 26♈22 | 26♈44 | 2♏ 2 | 26♈ 7 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 3 | 24s58 | 3s14 | 18n44 | 1s26 | 23n31 | 0n23 | 20n13 | 1n13 | 10n23 | 1s13 | 21n45 | 1s22 | 20s23 | 0s34 | 16n 3 | 0n 1 | 18n42 | 4s10 | 11n15 | 10n51 | 11s 2 | 10n51 | 0n59 |
| W 2 | 22 59 | 27 6 | 3 59 | 18 27 | 1 41 | 23 29 | 0 25 | 20 4 | 1 13 | 10 26 | 1 13 | 21 46 | 1 22 | 20 23 | 0 34 | 16 3 | 0 1 | 18 42 | 4 10 | 11 13 | 10 50 | 11 5 | 10 52 | 0 59 |
| T 3 | 22 54 | 27 53 | 4 34 | 18 10 | 1 57 | 23 26 | 0 28 | 19 54 | 1 13 | 10 29 | 1 13 | 21 46 | 1 22 | 20 24 | 0 34 | 16 2 | 0 1 | 18 42 | 4 10 | 11 9 | 10 49 | 11 8 | 10 52 | 0 59 |
| F 4 | 22 49 | 27 9 | 4 55 | 17 54 | 2 13 | 23 22 | 0 30 | 19 45 | 1 13 | 10 32 | 1 13 | 21 47 | 1 22 | 20 24 | 0 34 | 16 2 | 0 1 | 18 42 | 4 10 | 11 5 | 10 48 | 11 11 | 10 53 | 0 59 |
| S 5 | 22 44 | 24 53 | 5 1 | 17 39 | 2 29 | 23 17 | 0 32 | 19 35 | 1 12 | 10 35 | 1 13 | 21 47 | 1 22 | 20 25 | 0 34 | 16 1 | 0 1 | 18 42 | 4 10 | 11 1 | 10 47 | 11 14 | 10 53 | 0 59 |
| S 6 | 22 38 | 21 13 | 4 51 | 17 25 | 2 45 | 23 12 | 0 34 | 19 25 | 1 12 | 10 38 | 1 14 | 21 48 | 1 22 | 20 25 | 0 34 | 16 1 | 0 1 | 18 42 | 4 10 | 10 57 | 10 46 | 11 18 | 10 54 | 0 59 |
| M 7 | 22 32 | 16 22 | 4 24 | 17 12 | 3 1 | 23 6 | 0 36 | 19 15 | 1 12 | 10 40 | 1 14 | 21 48 | 1 22 | 20 26 | 0 34 | 16 0 | 0 1 | 18 42 | 4 10 | 10 54 | 10 45 | 11 21 | 10 54 | 0 59 |
| T 8 | 22 25 | 10 39 | 3 41 | 17 1 | 3 16 | 22 59 | 0 39 | 19 5 | 1 12 | 10 43 | 1 14 | 21 48 | 1 22 | 20 26 | 0 34 | 15 59 | 0 1 | 18 42 | 4 10 | 10 52 | 10 43 | 11 24 | 10 54 | 0 59 |
| W 9 | 22 18 | 4 20 | 2 45 | 16 51 | 3 31 | 22 52 | 0 41 | 18 55 | 1 12 | 10 46 | 1 14 | 21 49 | 1 22 | 20 27 | 0 34 | 15 59 | 0 1 | 18 42 | 4 10 | 10 50 | 10 42 | 11 27 | 10 55 | 0 59 |
| T 10 | 22 10 | 2n13 | 1 38 | 16 42 | 3 45 | 22 44 | 0 43 | 18 45 | 1 12 | 10 48 | 1 14 | 21 49 | 1 22 | 20 27 | 0 34 | 15 58 | 0 1 | 18 42 | 4 10 | 10 50 | 10 41 | 11 30 | 10 55 | 0 59 |
| F 11 | 22 3 | 8 43 | 0 25 | 16 35 | 3 58 | 22 35 | 0 45 | 18 34 | 1 12 | 10 51 | 1 15 | 21 50 | 1 22 | 20 28 | 0 34 | 15 58 | 0 1 | 18 42 | 4 10 | 10 50 | 10 40 | 11 33 | 10 56 | 0 59 |
| S 12 | 21 55 | 14 49 | 0n50 | 16 29 | 4 10 | 22 26 | 0 47 | 18 24 | 1 12 | 10 53 | 1 15 | 21 50 | 1 22 | 20 28 | 0 34 | 15 57 | 0 1 | 18 42 | 4 10 | 10 50 | 10 39 | 11 37 | 10 56 | 0 59 |
| S 13 | 21 46 | 20 9 | 2 2 | 16 24 | 4 21 | 22 16 | 0 49 | 18 13 | 1 12 | 10 56 | 1 15 | 21 50 | 1 22 | 20 29 | 0 34 | 15 56 | 0 1 | 18 41 | 4 10 | 10 49 | 10 38 | 11 40 | 10 56 | 0 59 |
| M14 | 21 37 | 24 20 | 3 6 | 16 21 | 4 31 | 22 5 | 0 51 | 18 2 | 1 12 | 10 58 | 1 15 | 21 51 | 1 22 | 20 29 | 0 34 | 15 56 | 0 1 | 18 41 | 4 10 | 10 48 | 10 37 | 11 43 | 10 57 | 0 59 |
| T 15 | 21 28 | 27 0 | 3 58 | 16 20 | 4 39 | 21 54 | 0 53 | 17 51 | 1 11 | 11 0 | 1 15 | 21 51 | 1 22 | 20 30 | 0 34 | 15 55 | 0 1 | 18 41 | 4 10 | 10 46 | 10 36 | 11 46 | 10 57 | 0 59 |
| W16 | 21 18 | 27 55 | 4 36 | 16 20 | 4 46 | 21 42 | 0 54 | 17 40 | 1 11 | 11 2 | 1 16 | 21 52 | 1 22 | 20 30 | 0 34 | 15 55 | 0 1 | 18 41 | 4 10 | 10 42 | 10 34 | 11 49 | 10 57 | 0 59 |
| T 17 | 21 8 | 27 2 | 4 56 | 16 21 | 4 51 | 21 29 | 0 56 | 17 29 | 1 11 | 11 5 | 1 16 | 21 52 | 1 22 | 20 31 | 0 34 | 15 54 | 0 1 | 18 41 | 4 10 | 10 38 | 10 33 | 11 52 | 10 57 | 0 59 |
| F 18 | 20 58 | 24 33 | 5 0 | 16 24 | 4 55 | 21 16 | 0 58 | 17 17 | 1 11 | 11 7 | 1 16 | 21 52 | 1 22 | 20 32 | 0 34 | 15 53 | 0 1 | 18 41 | 4 10 | 10 34 | 10 32 | 11 56 | 10 58 | 0 59 |
| S 19 | 20 47 | 20 46 | 4 46 | 16 28 | 4 57 | 21 2 | 1 0 | 17 6 | 1 11 | 11 9 | 1 16 | 21 53 | 1 22 | 20 32 | 0 34 | 15 53 | 0 1 | 18 41 | 4 10 | 10 30 | 10 31 | 11 59 | 10 58 | 0 59 |
| S 20 | 20 36 | 16 4 | 4 18 | 16 33 | 4 58 | 20 48 | 1 2 | 16 54 | 1 11 | 11 11 | 1 17 | 21 53 | 1 22 | 20 33 | 0 34 | 15 52 | 0 1 | 18 41 | 4 10 | 10 26 | 10 30 | 12 2 | 10 58 | 0 59 |
| M21 | 20 25 | 10 47 | 3 37 | 16 40 | 4 57 | 20 33 | 1 3 | 16 43 | 1 11 | 11 13 | 1 17 | 21 53 | 1 22 | 20 33 | 0 34 | 15 51 | 0 1 | 18 41 | 4 10 | 10 23 | 10 29 | 12 5 | 10 58 | 0 59 |
| T 22 | 20 13 | 5 11 | 2 47 | 16 47 | 4 54 | 20 17 | 1 5 | 16 31 | 1 11 | 11 15 | 1 17 | 21 54 | 1 22 | 20 34 | 0 34 | 15 51 | 0 1 | 18 41 | 4 10 | 10 21 | 10 28 | 12 8 | 10 58 | 0 59 |
| W23 | 20 1 | 0s29 | 1 51 | 16 55 | 4 49 | 20 1 | 1 6 | 16 19 | 1 10 | 11 16 | 1 17 | 21 54 | 1 22 | 20 34 | 0 34 | 15 50 | 0 1 | 18 40 | 4 10 | 10 20 | 10 26 | 12 11 | 10 58 | 0 59 |
| T 24 | 19 48 | 6 3 | 0 50 | 17 5 | 4 43 | 19 44 | 1 8 | 16 7 | 1 10 | 11 18 | 1 17 | 21 54 | 1 22 | 20 35 | 0 34 | 15 50 | 0 1 | 18 40 | 4 10 | 10 19 | 10 25 | 12 14 | 10 58 | 0 59 |
| F 25 | 19 36 | 11 23 | 0s13 | 17 14 | 4 36 | 19 27 | 1 9 | 15 55 | 1 10 | 11 20 | 1 18 | 21 54 | 1 22 | 20 35 | 0 34 | 15 49 | 0 1 | 18 40 | 4 10 | 10 19 | 10 24 | 12 18 | 10 59 | 0 59 |
| S 26 | 19 22 | 16 18 | 1 15 | 17 25 | 4 27 | 19 9 | 1 11 | 15 43 | 1 10 | 11 22 | 1 18 | 21 55 | 1 22 | 20 36 | 0 34 | 15 48 | 0 1 | 18 40 | 4 10 | 10 19 | 10 23 | 12 21 | 10 59 | 0 59 |
| S 27 | 19 9 | 20 37 | 2 14 | 17 36 | 4 18 | 18 50 | 1 12 | 15 31 | 1 10 | 11 23 | 1 18 | 21 55 | 1 22 | 20 36 | 0 34 | 15 48 | 0 1 | 18 40 | 4 9 | 10 19 | 10 22 | 12 24 | 10 59 | 0 59 |
| M28 | 18 55 | 24 9 | 3 8 | 17 47 | 4 7 | 18 31 | 1 13 | 15 18 | 1 10 | 11 25 | 1 18 | 21 55 | 1 22 | 20 37 | 0 34 | 15 47 | 0 1 | 18 40 | 4 9 | 10 18 | 10 21 | 12 27 | 10 59 | 0 59 |
| T 29 | 18 41 | 26 40 | 3 54 | 17 58 | 3 55 | 18 12 | 1 15 | 15 6 | 1 10 | 11 26 | 1 19 | 21 55 | 1 22 | 20 37 | 0 34 | 15 46 | 0 2 | 18 40 | 4 9 | 10 16 | 10 20 | 12 30 | 10 59 | 0 59 |
| W30 | 18 27 | 27 53 | 4 30 | 18 9 | 3 42 | 17 52 | 1 16 | 14 53 | 1 9 | 11 28 | 1 19 | 21 56 | 1 22 | 20 38 | 0 34 | 15 46 | 0 2 | 18 40 | 4 9 | 10 13 | 10 18 | 12 33 | 10 59 | 0 59 |
| T 31 | 18n12 | 27s38 | 4s53 | 18n20 | 3s29 | 17n32 | 1n17 | 14n41 | 1n 9 | 11n29 | 1s19 | 21n56 | 1s22 | 20s38 | 0s34 | 15n45 | 0n 2 | 18n40 | 4s 9 | 10n 9 | 10n17 | 12s36 | 10n59 | 0n59 |

Julian Day Number = 2602936.5, Delta T = 09m20s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'07, Lahiri = 29°39'08


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## AUGUST 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 38 38 | 9♌ 2'09 | 26♉ 5 | 21♋ 9 | 16♌14 | 24♌20 | 3♉47 | 25♊11 | 0°R 6 | 16♌58 | 12♋33 | 26°R11 | 26♈41 | 2♏ 9 | 26°R 7 | F 1 |
| S 2 | 20 42 34 | 9°59'28 | 9♒41 | 21°35 | 17°28 | 24°58 | 3°51 | 25°18 | 0♒ 3 | 17° 0 | 12°34 | 25♈59 | 26°38 | 2°16 | 26♈ 7 | S 2 |
| S 3 | 20 46 31 | 10°56'47 | 23°33 | 22° 8 | 18°42 | 25°36 | 3°55 | 25°24 | 0° 1 | 17° 3 | 12°35 | 25°48 | 26°35 | 2°22 | 26° 7 | S 3 |
| M 4 | 20 50 27 | 11°54'07 | 7♓37 | 22°46 | 19°56 | 26°14 | 3°59 | 25°30 | 29♉59 | 17° 5 | 12°37 | 25°39 | 26°32 | 2°29 | 26° 7 | M 4 |
| T 5 | 20 54 24 | 12°51'27 | 21°48 | 23°30 | 21°10 | 26°52 | 4° 3 | 25°36 | 29°56 | 17° 7 | 12°38 | 25°33 | 26°28 | 2°36 | 26° 6 | T 5 |
| W 6 | 20 58 20 | 13°48'49 | 6♈ 4 | 24°20 | 22°23 | 27°30 | 4° 6 | 25°42 | 29°54 | 17° 9 | 12°39 | 25°30 | 26°25 | 2°42 | 26° 6 | W 6 |
| T 7 | 21 2 17 | 14°46'11 | 20°19 | 25°16 | 23°37 | 28° 8 | 4°10 | 25°49 | 29°52 | 17°12 | 12°41 | 25°D28 | 26°22 | 2°49 | 26° 5 | T 7 |
| F 8 | 21 6 13 | 15°43'35 | 4♉31 | 26°18 | 24°51 | 28°46 | 4°13 | 25°54 | 29°49 | 17°14 | 12°42 | 25°28 | 26°19 | 2°56 | 26° 5 | F 8 |
| S 9 | 21 10 10 | 16°41'00 | 18°39 | 27°25 | 26° 5 | 29°24 | 4°16 | 26° 0 | 29°47 | 17°16 | 12°43 | 25°R29 | 26°16 | 3° 2 | 26° 5 | S 9 |
| S 10 | 21 14 7 | 17°38'26 | 2♊41 | 28°38 | 27°19 | 0♍ 2 | 4°19 | 26° 6 | 29°45 | 17°18 | 12°44 | 25°28 | 26°13 | 3° 9 | 26° 4 | S 10 |
| M11 | 21 18 3 | 18°35'53 | 16°38 | 29°55 | 28°33 | 0°40 | 4°22 | 26°12 | 29°43 | 17°20 | 12°46 | 25°25 | 26° 9 | 3°16 | 26° 3 | M11 |
| T 12 | 21 22 0 | 19°33'21 | 0♋27 | 1♌18 | 29°47 | 1°18 | 4°24 | 26°18 | 29°40 | 17°23 | 12°47 | 25°20 | 26° 6 | 3°22 | 26° 3 | T 12 |
| W13 | 21 25 56 | 20°30'51 | 14° 7 | 2°46 | 1♍ 1 | 1°56 | 4°27 | 26°23 | 29°38 | 17°25 | 12°48 | 25°12 | 26° 3 | 3°29 | 26° 2 | W13 |
| T 14 | 21 29 53 | 21°28'22 | 27°37 | 4°19 | 2°15 | 2°34 | 4°29 | 26°29 | 29°36 | 17°27 | 12°49 | 25° 2 | 26° 0 | 3°35 | 26° 1 | T 14 |
| F 15 | 21 33 49 | 22°25'54 | 10♌53 | 5°55 | 3°29 | 3°12 | 4°31 | 26°35 | 29°34 | 17°29 | 12°51 | 24°52 | 25°57 | 3°42 | 26° 0 | F 15 |
| S 16 | 21 37 46 | 23°23'27 | 23°55 | 7°36 | 4°43 | 3°50 | 4°32 | 26°40 | 29°32 | 17°32 | 12°52 | 24°41 | 25°54 | 3°49 | 25°59 | S 16 |
| S 17 | 21 41 42 | 24°21'01 | 6♍41 | 9°21 | 5°57 | 4°28 | 4°34 | 26°45 | 29°29 | 17°34 | 12°53 | 24°32 | 25°50 | 3°55 | 25°58 | S 17 |
| M18 | 21 45 39 | 25°18'36 | 19°11 | 11° 9 | 7°11 | 5° 6 | 4°35 | 26°51 | 29°27 | 17°36 | 12°54 | 24°25 | 25°47 | 4° 2 | 25°57 | M18 |
| T 19 | 21 49 36 | 26°16'12 | 1♎26 | 13° 0 | 8°25 | 5°44 | 4°36 | 26°56 | 29°25 | 17°38 | 12°55 | 24°20 | 25°44 | 4° 9 | 25°56 | T 19 |
| W20 | 21 53 32 | 27°13'49 | 13°28 | 14°53 | 9°39 | 6°22 | 4°37 | 27° 1 | 29°23 | 17°40 | 12°56 | 24°17 | 25°41 | 4°15 | 25°55 | W20 |
| T 21 | 21 57 29 | 28°11'27 | 25°22 | 16°49 | 10°53 | 7° 0 | 4°38 | 27° 6 | 29°21 | 17°43 | 12°57 | 24°D16 | 25°38 | 4°22 | 25°54 | T 21 |
| F 22 | 22 1 25 | 29° 9'06 | 7♏10 | 18°46 | 12° 7 | 7°38 | 4°39 | 27°11 | 29°19 | 17°45 | 12°59 | 24°17 | 25°34 | 4°29 | 25°53 | F 22 |
| S 23 | 22 5 22 | 0♍ 6'46 | 18°58 | 20°45 | 13°21 | 8°16 | 4°39 | 27°16 | 29°17 | 17°47 | 13° 0 | 24°18 | 25°31 | 4°35 | 25°52 | S 23 |
| S 24 | 22 9 18 | 1° 4'27 | 0♐52 | 22°45 | 14°35 | 8°54 | 4°R39 | 27°21 | 29°15 | 17°49 | 13° 1 | 24°R19 | 25°28 | 4°42 | 25°50 | S 24 |
| M25 | 22 13 15 | 2° 2'09 | 12°55 | 24°46 | 15°49 | 9°33 | 4°39 | 27°26 | 29°13 | 17°51 | 13° 2 | 24°18 | 25°25 | 4°49 | 25°49 | M25 |
| T 26 | 22 17 11 | 2°59'52 | 25°14 | 26°47 | 17° 3 | 10°11 | 4°39 | 27°30 | 29°12 | 17°53 | 13° 3 | 24°15 | 25°22 | 4°55 | 25°48 | T 26 |
| W27 | 22 21 8 | 3°57'36 | 7♑52 | 28°48 | 18°17 | 10°49 | 4°38 | 27°35 | 29°10 | 17°56 | 13° 4 | 24°11 | 25°19 | 5° 2 | 25°46 | W27 |
| T 28 | 22 25 5 | 4°55'21 | 20°53 | 0♒50 | 19°31 | 11°27 | 4°38 | 27°40 | 29° 8 | 17°58 | 13° 5 | 24° 5 | 25°15 | 5° 9 | 25°45 | T 28 |
| F 29 | 22 29 1 | 5°53'08 | 4♓19 | 2°50 | 20°45 | 12° 5 | 4°37 | 27°44 | 29° 6 | 18° 0 | 13° 6 | 23°57 | 25°12 | 5°15 | 25°43 | F 29 |
| S 30 | 22 32 58 | 6°50'55 | 18° 9 | 4°51 | 21°58 | 12°43 | 4°36 | 27°48 | 29° 4 | 18° 2 | 13° 7 | 23°50 | 25° 9 | 5°22 | 25°41 | S 30 |
| S 31 | 22 36 54 | 7♍48'44 | 2♓19 | 6♍50 | 23♍12 | 13♍21 | 4♉34 | 27♊53 | 29♉ 3 | 18♌ 4 | 13♋ 8 | 23♈42 | 25♈ 6 | 5♏28 | 25♈40 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n58 | 25s49 | 5s 1 | 18n31 | 3s15 | 17n11 | 1n18 | 14n28 | 1n 9 | 11n30 | 1s19 | 21n56 | 1s22 | 20s39 | 0s34 | 15n44 | 0n 2 | 18n39 | 4s 9 | 10n 5 | 10n16 | 12s39 | 10n59 | 0n59 |
| S 2 | 17 42 | 22 29 | 4 53 | 18 42 | 3 0 | 16 49 | 1 19 | 14 15 | 1 9 | 11 32 | 1 20 | 21 56 | 1 22 | 20 39 | 0 34 | 15 44 | 0 2 | 18 39 | 4 9 | 10 1 | 10 15 | 12 43 | 10 59 | 0 59 |
| S 3 | 17 27 | 17 51 | 4 27 | 18 51 | 2 45 | 16 28 | 1 20 | 14 2 | 1 9 | 11 33 | 1 20 | 21 56 | 1 22 | 20 40 | 0 34 | 15 43 | 0 2 | 18 39 | 4 9 | 9 57 | 10 14 | 12 46 | 10 58 | 0 59 |
| M 4 | 17 11 | 12 11 | 3 45 | 19 0 | 2 30 | 16 5 | 1 21 | 13 49 | 1 9 | 11 34 | 1 20 | 21 57 | 1 22 | 20 40 | 0 34 | 15 42 | 0 2 | 18 39 | 4 9 | 9 54 | 10 13 | 12 49 | 10 58 | 0 59 |
| T 5 | 16 55 | 5 49 | 2 49 | 19 8 | 2 15 | 15 42 | 1 22 | 13 36 | 1 8 | 11 35 | 1 20 | 21 57 | 1 22 | 20 41 | 0 34 | 15 42 | 0 2 | 18 39 | 4 9 | 9 52 | 10 12 | 12 52 | 10 58 | 0 59 |
| W 6 | 16 39 | 0n51 | 1 41 | 19 15 | 1 59 | 15 19 | 1 23 | 13 23 | 1 8 | 11 36 | 1 21 | 21 57 | 1 22 | 20 41 | 0 34 | 15 41 | 0 2 | 18 39 | 4 9 | 9 50 | 10 10 | 12 55 | 10 58 | 0 59 |
| T 7 | 16 22 | 7 30 | 0 27 | 19 20 | 1 44 | 14 56 | 1 23 | 13 10 | 1 8 | 11 37 | 1 21 | 21 57 | 1 22 | 20 42 | 0 34 | 15 40 | 0 2 | 18 39 | 4 9 | 9 50 | 10 9 | 12 58 | 10 58 | 0 59 |
| F 8 | 16 5 | 13 45 | 0n48 | 19 24 | 1 28 | 14 32 | 1 24 | 12 56 | 1 8 | 11 38 | 1 21 | 21 57 | 1 22 | 20 42 | 0 34 | 15 40 | 0 2 | 18 39 | 4 9 | 9 50 | 10 8 | 13 1 | 10 58 | 0 59 |
| S 9 | 15 48 | 19 15 | 2 0 | 19 26 | 1 13 | 14 7 | 1 25 | 12 43 | 1 8 | 11 38 | 1 21 | 21 57 | 1 22 | 20 43 | 0 34 | 15 39 | 0 2 | 18 39 | 4 9 | 9 50 | 10 7 | 13 4 | 10 57 | 0 59 |
| S 10 | 15 31 | 23 40 | 3 4 | 19 27 | 0 58 | 13 43 | 1 25 | 12 29 | 1 8 | 11 39 | 1 21 | 21 58 | 1 22 | 20 43 | 0 34 | 15 38 | 0 2 | 18 38 | 4 9 | 9 50 | 10 6 | 13 7 | 10 57 | 0 59 |
| M11 | 15 13 | 26 39 | 3 57 | 19 25 | 0 43 | 13 17 | 1 26 | 12 16 | 1 7 | 11 40 | 1 22 | 21 58 | 1 22 | 20 44 | 0 34 | 15 38 | 0 2 | 18 38 | 4 9 | 9 49 | 10 5 | 13 10 | 10 57 | 0 58 |
| T 12 | 14 55 | 27 59 | 4 36 | 19 22 | 0 29 | 12 52 | 1 26 | 12 2 | 1 7 | 11 40 | 1 22 | 21 58 | 1 22 | 20 44 | 0 34 | 15 37 | 0 2 | 18 38 | 4 9 | 9 47 | 10 4 | 13 14 | 10 57 | 0 58 |
| W13 | 14 37 | 27 35 | 4 58 | 19 16 | 0 15 | 12 26 | 1 26 | 11 48 | 1 7 | 11 41 | 1 22 | 21 58 | 1 22 | 20 45 | 0 34 | 15 36 | 0 2 | 18 38 | 4 9 | 9 44 | 10 2 | 13 17 | 10 56 | 0 58 |
| T 14 | 14 19 | 25 33 | 5 3 | 19 7 | 0 1 | 12 0 | 1 27 | 11 35 | 1 7 | 11 41 | 1 22 | 21 58 | 1 23 | 20 45 | 0 34 | 15 36 | 0 2 | 18 38 | 4 9 | 9 40 | 10 1 | 13 20 | 10 56 | 0 58 |
| F 15 | 14 0 | 22 8 | 4 52 | 18 56 | 0n12 | 11 34 | 1 27 | 11 21 | 1 7 | 11 42 | 1 23 | 21 58 | 1 23 | 20 46 | 0 34 | 15 35 | 0 2 | 18 38 | 4 9 | 9 36 | 10 0 | 13 23 | 10 56 | 0 58 |
| S 16 | 13 42 | 17 42 | 4 25 | 18 43 | 0 24 | 11 7 | 1 27 | 11 7 | 1 6 | 11 42 | 1 23 | 21 58 | 1 23 | 20 46 | 0 34 | 15 34 | 0 2 | 18 38 | 4 9 | 9 33 | 9 59 | 13 26 | 10 55 | 0 58 |
| S 17 | 13 23 | 12 32 | 3 46 | 18 26 | 0 35 | 10 40 | 1 27 | 10 53 | 1 6 | 11 42 | 1 23 | 21 58 | 1 23 | 20 46 | 0 34 | 15 34 | 0 2 | 18 38 | 4 9 | 9 29 | 9 58 | 13 29 | 10 55 | 0 58 |
| M18 | 13 3 | 6 59 | 2 56 | 18 7 | 0 46 | 10 12 | 1 27 | 10 39 | 1 6 | 11 43 | 1 23 | 21 58 | 1 23 | 20 47 | 0 34 | 15 33 | 0 2 | 18 38 | 4 9 | 9 27 | 9 57 | 13 32 | 10 55 | 0 58 |
| T 19 | 12 44 | 1 15 | 1 59 | 17 46 | 0 55 | 9 45 | 1 27 | 10 25 | 1 6 | 11 43 | 1 24 | 21 58 | 1 23 | 20 47 | 0 34 | 15 33 | 0 2 | 18 37 | 4 9 | 9 25 | 9 55 | 13 35 | 10 54 | 0 58 |
| W20 | 12 24 | 4s25 | 0 58 | 17 22 | 1 4 | 9 17 | 1 27 | 10 10 | 1 6 | 11 43 | 1 24 | 21 58 | 1 23 | 20 48 | 0 34 | 15 32 | 0 2 | 18 37 | 4 9 | 9 24 | 9 54 | 13 38 | 10 54 | 0 58 |
| T 21 | 12 5 | 9 53 | 0s 6 | 16 55 | 1 12 | 8 49 | 1 27 | 9 56 | 1 5 | 11 43 | 1 24 | 21 59 | 1 23 | 20 48 | 0 34 | 15 31 | 0 2 | 18 37 | 4 9 | 9 23 | 9 53 | 13 41 | 10 53 | 0 58 |
| F 22 | 11 45 | 14 58 | 1 9 | 16 26 | 1 20 | 8 20 | 1 27 | 9 42 | 1 5 | 11 43 | 1 24 | 21 59 | 1 23 | 20 49 | 0 34 | 15 31 | 0 2 | 18 37 | 4 9 | 9 24 | 9 52 | 13 44 | 10 53 | 0 58 |
| S 23 | 11 24 | 19 30 | 2 9 | 15 54 | 1 26 | 7 52 | 1 26 | 9 27 | 1 5 | 11 43 | 1 25 | 21 59 | 1 23 | 20 49 | 0 34 | 15 30 | 0 2 | 18 37 | 4 9 | 9 24 | 9 51 | 13 47 | 10 52 | 0 58 |
| S 24 | 11 4 | 23 17 | 3 4 | 15 20 | 1 31 | 7 23 | 1 26 | 9 13 | 1 5 | 11 43 | 1 25 | 21 59 | 1 23 | 20 49 | 0 34 | 15 29 | 0 2 | 18 37 | 4 10 | 9 24 | 9 50 | 13 50 | 10 52 | 0 58 |
| M25 | 10 44 | 26 8 | 3 52 | 14 44 | 1 36 | 6 54 | 1 25 | 8 58 | 1 5 | 11 42 | 1 25 | 21 59 | 1 23 | 20 50 | 0 34 | 15 29 | 0 2 | 18 37 | 4 10 | 9 24 | 9 49 | 13 53 | 10 51 | 0 58 |
| T 26 | 10 23 | 27 47 | 4 30 | 14 7 | 1 39 | 6 25 | 1 25 | 8 44 | 1 4 | 11 42 | 1 25 | 21 59 | 1 23 | 20 50 | 0 34 | 15 28 | 0 2 | 18 37 | 4 10 | 9 23 | 9 47 | 13 56 | 10 51 | 0 58 |
| W27 | 10 2 | 28 4 | 4 56 | 13 28 | 1 42 | 5 55 | 1 24 | 8 29 | 1 4 | 11 42 | 1 26 | 21 59 | 1 23 | 20 50 | 0 34 | 15 27 | 0 2 | 18 36 | 4 10 | 9 21 | 9 46 | 14 0 | 10 50 | 0 58 |
| T 28 | 9 41 | 26 50 | 5 7 | 12 47 | 1 44 | 5 26 | 1 24 | 8 14 | 1 4 | 11 41 | 1 26 | 21 59 | 1 23 | 20 51 | 0 34 | 15 27 | 0 2 | 18 36 | 4 10 | 9 19 | 9 45 | 14 3 | 10 50 | 0 58 |
| F 29 | 9 20 | 24 2 | 5 3 | 12 5 | 1 45 | 4 56 | 1 23 | 8 0 | 1 4 | 11 41 | 1 26 | 21 59 | 1 23 | 20 51 | 0 34 | 15 26 | 0 2 | 18 36 | 4 10 | 9 16 | 9 44 | 14 6 | 10 49 | 0 58 |
| S 30 | 8 59 | 19 49 | 4 41 | 11 21 | 1 46 | 4 26 | 1 22 | 7 45 | 1 3 | 11 40 | 1 26 | 21 59 | 1 23 | 20 52 | 0 34 | 15 25 | 0 2 | 18 36 | 4 10 | 9 14 | 9 43 | 14 9 | 10 48 | 0 58 |
| S 31 | 8n37 | 14s23 | 4s 1 | 10n37 | 1n45 | 3n56 | 1n21 | 7n30 | 1n 3 | 11n40 | 1s27 | 21n59 | 1s23 | 20s52 | 0s34 | 15n25 | 0n 2 | 18n36 | 4s10 | 9n11 | 9n42 | 14s12 | 10n48 | 0n58 |

Julian Day Number = 2602967.5, Delta T = 09m20s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'11, Lahiri = 29°39'13


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## SEPTEMBER 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 40 51 | 8♍46'35 | 16♓46 | 8♍49 | 24♍26 | 13♍59 | 4°R33 | 27♊57 | 29°R 1 | 18♎ 6 | 13♋ 9 | 23°R37 | 25♈ 3 | 5♏35 | 25°R38 | M 1 |
| T 2 | 22 44 47 | 9°44'27 | 1♈23 | 10°46 | 25°40 | 14°37 | 4♉31 | 28° 1 | 28♑59 | 18° 8 | 13° 9 | 23♈33 | 25° 0 | 5°42 | 25♈36 | T 2 |
| W 3 | 22 48 44 | 10°42'20 | 16° 3 | 12°43 | 26°54 | 15°16 | 4°30 | 28° 5 | 28°58 | 18°10 | 13°10 | 23°31 | 24°56 | 5°48 | 25°35 | W 3 |
| T 4 | 22 52 40 | 11°40'15 | 0♉40 | 14°39 | 28° 8 | 15°54 | 4°28 | 28° 9 | 28°56 | 18°13 | 13°11 | 23°D31 | 24°53 | 5°55 | 25°33 | T 4 |
| F 5 | 22 56 37 | 12°38'12 | 15° 9 | 16°33 | 29°22 | 16°32 | 4°25 | 28°13 | 28°55 | 18°15 | 13°12 | 23°32 | 24°50 | 6° 2 | 25°31 | F 5 |
| S 6 | 23 0 34 | 13°36'11 | 29°27 | 18°26 | 0♎36 | 17°10 | 4°23 | 28°17 | 28°53 | 18°17 | 13°13 | 23°33 | 24°47 | 6° 8 | 25°29 | S 6 |
| S 7 | 23 4 30 | 14°34'12 | 13♊31 | 20°18 | 1°50 | 17°48 | 4°20 | 28°20 | 28°52 | 18°19 | 13°14 | 23°R34 | 24°44 | 6°15 | 25°27 | S 7 |
| M 8 | 23 8 27 | 15°32'14 | 27°21 | 22° 9 | 3° 4 | 18°27 | 4°17 | 28°24 | 28°50 | 18°21 | 13°15 | 23°33 | 24°40 | 6°22 | 25°25 | M 8 |
| T 9 | 23 12 23 | 16°30'19 | 10♋57 | 23°59 | 4°18 | 19° 5 | 4°14 | 28°27 | 28°49 | 18°23 | 13°15 | 23°31 | 24°37 | 6°28 | 25°23 | T 9 |
| W10 | 23 16 20 | 17°28'26 | 24°18 | 25°47 | 5°32 | 19°43 | 4°11 | 28°31 | 28°48 | 18°25 | 13°16 | 23°27 | 24°34 | 6°35 | 25°21 | W10 |
| T 11 | 23 20 16 | 18°26'34 | 7♌25 | 27°34 | 6°46 | 20°21 | 4° 8 | 28°34 | 28°46 | 18°27 | 13°17 | 23°22 | 24°31 | 6°42 | 25°19 | T 11 |
| F 12 | 23 24 13 | 19°24'44 | 20°19 | 29°20 | 8° 0 | 21° 0 | 4° 4 | 28°37 | 28°45 | 18°29 | 13°18 | 23°17 | 24°28 | 6°48 | 25°17 | F 12 |
| S 13 | 23 28 9 | 20°22'56 | 3♍ 0 | 1♎ 5 | 9°14 | 21°38 | 4° 0 | 28°40 | 28°44 | 18°31 | 13°18 | 23°11 | 24°25 | 6°55 | 25°15 | S 13 |
| S 14 | 23 32 6 | 21°21'10 | 15°28 | 2°48 | 10°28 | 22°16 | 3°57 | 28°43 | 28°43 | 18°33 | 13°19 | 23° 6 | 24°21 | 7° 2 | 25°12 | S 14 |
| M15 | 23 36 3 | 22°19'26 | 27°44 | 4°31 | 11°42 | 22°55 | 3°52 | 28°46 | 28°41 | 18°35 | 13°20 | 23° 2 | 24°18 | 7° 8 | 25°10 | M15 |
| T 16 | 23 39 59 | 23°17'43 | 9♎49 | 6°12 | 12°55 | 23°33 | 3°48 | 28°49 | 28°40 | 18°36 | 13°20 | 23° 0 | 24°15 | 7°15 | 25° 8 | T 16 |
| W17 | 23 43 56 | 24°16'02 | 21°45 | 7°52 | 14° 9 | 24°11 | 3°44 | 28°52 | 28°39 | 18°38 | 13°21 | 22°D59 | 24°12 | 7°21 | 25° 6 | W17 |
| T 18 | 23 47 52 | 25°14'22 | 3♏36 | 9°31 | 15°23 | 24°50 | 3°39 | 28°54 | 28°38 | 18°40 | 13°21 | 22°59 | 24° 9 | 7°28 | 25° 3 | T 18 |
| F 19 | 23 51 49 | 26°12'45 | 15°23 | 11° 8 | 16°37 | 25°28 | 3°34 | 28°57 | 28°37 | 18°42 | 13°22 | 23° 1 | 24° 5 | 7°35 | 25° 1 | F 19 |
| S 20 | 23 55 45 | 27°11'09 | 27°10 | 12°45 | 17°51 | 26° 6 | 3°29 | 28°59 | 28°37 | 18°44 | 13°23 | 23° 3 | 24° 2 | 7°41 | 24°58 | S 20 |
| S 21 | 23 59 42 | 28° 9'34 | 9♐ 3 | 14°21 | 19° 5 | 26°45 | 3°24 | 29° 1 | 28°36 | 18°46 | 13°23 | 23° 4 | 23°59 | 7°48 | 24°56 | S 21 |
| M22 | 0 3 38 | 29° 8'01 | 21° 5 | 15°55 | 20°19 | 27°23 | 3°19 | 29° 4 | 28°35 | 18°48 | 13°24 | 23° 5 | 23°56 | 7°55 | 24°53 | M22 |
| T 23 | 0 7 35 | 0♎ 6'30 | 3♑21 | 17°28 | 21°33 | 28° 2 | 3°13 | 29° 6 | 28°34 | 18°49 | 13°24 | 23°R 5 | 23°53 | 8° 1 | 24°51 | T 23 |
| W24 | 0 11 31 | 1° 5'01 | 15°57 | 19° 1 | 22°47 | 28°40 | 3° 7 | 29° 8 | 28°33 | 18°51 | 13°25 | 23° 5 | 23°50 | 8° 8 | 24°48 | W24 |
| T 25 | 0 15 28 | 2° 3'33 | 28°56 | 20°32 | 24° 0 | 29°19 | 3° 2 | 29°10 | 28°33 | 18°53 | 13°25 | 23° 3 | 23°46 | 8°15 | 24°46 | T 25 |
| F 26 | 0 19 25 | 3° 2'06 | 12♒21 | 22° 2 | 25°14 | 29°57 | 2°56 | 29°11 | 28°32 | 18°55 | 13°25 | 23° 1 | 23°43 | 8°21 | 24°43 | F 26 |
| S 27 | 0 23 21 | 4° 0'42 | 26°12 | 23°32 | 26°28 | 0♎36 | 2°50 | 29°13 | 28°32 | 18°56 | 13°26 | 22°58 | 23°40 | 8°28 | 24°41 | S 27 |
| S 28 | 0 27 18 | 4°59'19 | 10♓30 | 25° 0 | 27°42 | 1°14 | 2°43 | 29°15 | 28°31 | 18°58 | 13°26 | 22°55 | 23°37 | 8°35 | 24°38 | S 28 |
| M29 | 0 31 14 | 5°57'57 | 25° 8 | 26°27 | 28°56 | 1°53 | 2°37 | 29°16 | 28°31 | 19° 0 | 13°26 | 22°54 | 23°34 | 8°41 | 24°35 | M29 |
| T 30 | 0 35 11 | 6♎56'38 | 10♈ 3 | 27♎53 | 0♏10 | 2♎31 | 2♉30 | 29♊17 | 28♑30 | 19♎ 1 | 13♋27 | 22♈52 | 23♈31 | 8♏48 | 24♈33 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n16 | 8s 4 | 3s 6 | 9n52 | 1n45 | 3n26 | 1n20 | 7n15 | 1n 3 | 11n39 | 1s27 | 21n59 | 1s23 | 20s52 | 0s34 | 15n24 | 0n 2 | 18n36 | 4s10 | 9n 9 | 9n40 | 14s15 | 10n47 | 0n58 |
| T 2 | 7 54 | 1 15 | 1 57 | 9 6 | 1 43 | 2 56 | 1 19 | 7 0 | 1 3 | 11 38 | 1 27 | 21 59 | 1 24 | 20 53 | 0 34 | 15 23 | 0 2 | 18 36 | 4 10 | 9 7 | 9 39 | 14 18 | 10 47 | 0 58 |
| W 3 | 7 32 | 5n41 | 0 40 | 8 20 | 1 41 | 2 26 | 1 18 | 6 45 | 1 3 | 11 37 | 1 27 | 21 59 | 1 24 | 20 53 | 0 34 | 15 23 | 0 2 | 18 36 | 4 10 | 9 7 | 9 38 | 14 21 | 10 46 | 0 58 |
| T 4 | 7 10 | 12 17 | 0n39 | 7 33 | 1 38 | 1 55 | 1 17 | 6 30 | 1 2 | 11 36 | 1 27 | 21 59 | 1 24 | 20 53 | 0 34 | 15 22 | 0 2 | 18 36 | 4 10 | 9 7 | 9 37 | 14 24 | 10 45 | 0 58 |
| F 5 | 6 48 | 18 11 | 1 55 | 6 46 | 1 35 | 1 25 | 1 16 | 6 15 | 1 2 | 11 35 | 1 28 | 21 59 | 1 24 | 20 53 | 0 34 | 15 22 | 0 2 | 18 35 | 4 10 | 9 7 | 9 36 | 14 27 | 10 44 | 0 58 |
| S 6 | 6 26 | 22 58 | 3 3 | 5 58 | 1 32 | 0 54 | 1 15 | 6 0 | 1 2 | 11 34 | 1 28 | 21 59 | 1 24 | 20 54 | 0 34 | 15 21 | 0 2 | 18 35 | 4 10 | 9 8 | 9 35 | 14 30 | 10 44 | 0 58 |
| S 7 | 6 4 | 26 19 | 3 59 | 5 10 | 1 28 | 0 24 | 1 14 | 5 45 | 1 2 | 11 33 | 1 28 | 21 59 | 1 24 | 20 54 | 0 34 | 15 20 | 0 2 | 18 35 | 4 10 | 9 8 | 9 33 | 14 33 | 10 43 | 0 58 |
| M 8 | 5 41 | 28 1 | 4 39 | 4 23 | 1 23 | 0s 7 | 1 12 | 5 30 | 1 1 | 11 32 | 1 28 | 21 59 | 1 24 | 20 54 | 0 34 | 15 20 | 0 2 | 18 35 | 4 10 | 9 8 | 9 32 | 14 36 | 10 42 | 0 58 |
| T 9 | 5 19 | 27 59 | 5 4 | 3 35 | 1 18 | 0 37 | 1 11 | 5 15 | 1 1 | 11 31 | 1 29 | 21 59 | 1 24 | 20 55 | 0 34 | 15 19 | 0 2 | 18 35 | 4 10 | 9 7 | 9 31 | 14 39 | 10 41 | 0 57 |
| W10 | 4 56 | 26 19 | 5 11 | 2 47 | 1 13 | 1 8 | 1 9 | 5 0 | 1 1 | 11 30 | 1 29 | 21 59 | 1 24 | 20 55 | 0 34 | 15 18 | 0 2 | 18 35 | 4 10 | 9 5 | 9 30 | 14 42 | 10 41 | 0 57 |
| T 11 | 4 34 | 23 14 | 5 2 | 2 0 | 1 8 | 1 39 | 1 8 | 4 44 | 1 1 | 11 28 | 1 29 | 21 59 | 1 24 | 20 55 | 0 34 | 15 18 | 0 2 | 18 35 | 4 10 | 9 4 | 9 29 | 14 45 | 10 40 | 0 57 |
| F 12 | 4 11 | 19 4 | 4 38 | 1 13 | 1 2 | 2 9 | 1 6 | 4 29 | 1 0 | 11 27 | 1 29 | 21 59 | 1 24 | 20 55 | 0 34 | 15 17 | 0 2 | 18 35 | 4 10 | 9 1 | 9 28 | 14 48 | 10 39 | 0 57 |
| S 13 | 3 48 | 14 6 | 4 0 | 0 26 | 0 56 | 2 40 | 1 4 | 4 14 | 1 0 | 11 26 | 1 29 | 21 59 | 1 24 | 20 56 | 0 34 | 15 17 | 0 2 | 18 35 | 4 10 | 8 59 | 9 26 | 14 51 | 10 38 | 0 57 |
| S 14 | 3 25 | 8 39 | 3 11 | 0s21 | 0 50 | 3 10 | 1 3 | 3 59 | 1 0 | 11 24 | 1 30 | 21 59 | 1 24 | 20 56 | 0 34 | 15 16 | 0 2 | 18 34 | 4 10 | 8 58 | 9 25 | 14 54 | 10 37 | 0 57 |
| M15 | 3 2 | 2 57 | 2 14 | 1 8 | 0 43 | 3 41 | 1 1 | 3 43 | 1 0 | 11 22 | 1 30 | 21 59 | 1 24 | 20 56 | 0 34 | 15 16 | 0 2 | 18 34 | 4 10 | 8 56 | 9 24 | 14 57 | 10 36 | 0 57 |
| T 16 | 2 39 | 2s47 | 1 12 | 1 54 | 0 36 | 4 11 | 0 59 | 3 28 | 0 59 | 11 21 | 1 30 | 21 58 | 1 24 | 20 56 | 0 34 | 15 15 | 0 2 | 18 34 | 4 10 | 8 55 | 9 23 | 15 0 | 10 36 | 0 57 |
| W17 | 2 16 | 8 21 | 0 7 | 2 39 | 0 30 | 4 41 | 0 57 | 3 12 | 0 59 | 11 19 | 1 30 | 21 58 | 1 25 | 20 56 | 0 34 | 15 14 | 0 2 | 18 34 | 4 10 | 8 55 | 9 22 | 15 3 | 10 35 | 0 57 |
| T 18 | 1 53 | 13 36 | 0s58 | 3 25 | 0 23 | 5 12 | 0 55 | 2 57 | 0 59 | 11 17 | 1 30 | 21 58 | 1 25 | 20 57 | 0 34 | 15 14 | 0 2 | 18 34 | 4 10 | 8 55 | 9 21 | 15 6 | 10 34 | 0 57 |
| F 19 | 1 30 | 18 20 | 2 0 | 4 10 | 0 16 | 5 42 | 0 53 | 2 41 | 0 58 | 11 16 | 1 30 | 21 58 | 1 25 | 20 57 | 0 34 | 15 13 | 0 2 | 18 34 | 4 10 | 8 56 | 9 20 | 15 9 | 10 33 | 0 57 |
| S 20 | 1 7 | 22 21 | 2 57 | 4 54 | 0 8 | 6 12 | 0 51 | 2 26 | 0 58 | 11 14 | 1 31 | 21 58 | 1 25 | 20 57 | 0 34 | 15 13 | 0 2 | 18 34 | 4 10 | 8 56 | 9 18 | 15 12 | 10 32 | 0 57 |
| S 21 | 0 44 | 25 30 | 3 47 | 5 38 | 0 1 | 6 42 | 0 49 | 2 11 | 0 58 | 11 12 | 1 31 | 21 58 | 1 25 | 20 57 | 0 34 | 15 12 | 0 2 | 18 34 | 4 10 | 8 57 | 9 17 | 15 15 | 10 31 | 0 57 |
| M22 | 0 21 | 27 32 | 4 28 | 6 21 | 0s 7 | 7 12 | 0 47 | 1 55 | 0 58 | 11 10 | 1 31 | 21 58 | 1 25 | 20 57 | 0 34 | 15 12 | 0 2 | 18 34 | 4 10 | 8 57 | 9 16 | 15 18 | 10 30 | 0 57 |
| T 23 | 0s 3 | 28 18 | 4 57 | 7 4 | 0 14 | 7 41 | 0 45 | 1 40 | 0 57 | 11 8 | 1 31 | 21 58 | 1 25 | 20 57 | 0 34 | 15 11 | 0 2 | 18 34 | 4 10 | 8 57 | 9 15 | 15 21 | 10 29 | 0 57 |
| W24 | 0 26 | 27 37 | 5 13 | 7 46 | 0 22 | 8 11 | 0 43 | 1 24 | 0 57 | 11 6 | 1 31 | 21 58 | 1 25 | 20 57 | 0 34 | 15 10 | 0 2 | 18 34 | 4 10 | 8 57 | 9 14 | 15 24 | 10 28 | 0 57 |
| T 25 | 0 49 | 25 27 | 5 14 | 8 27 | 0 29 | 8 40 | 0 40 | 1 8 | 0 57 | 11 4 | 1 31 | 21 58 | 1 25 | 20 58 | 0 34 | 15 10 | 0 2 | 18 33 | 4 11 | 8 56 | 9 12 | 15 27 | 10 27 | 0 57 |
| F 26 | 1 12 | 21 49 | 4 58 | 9 8 | 0 37 | 9 9 | 0 38 | 0 53 | 0 56 | 11 2 | 1 32 | 21 58 | 1 25 | 20 58 | 0 34 | 15 9 | 0 2 | 18 33 | 4 11 | 8 56 | 9 11 | 15 30 | 10 26 | 0 57 |
| S 27 | 1 35 | 16 54 | 4 24 | 9 48 | 0 44 | 9 38 | 0 36 | 0 37 | 0 56 | 10 59 | 1 32 | 21 58 | 1 25 | 20 58 | 0 34 | 15 9 | 0 2 | 18 33 | 4 11 | 8 55 | 9 10 | 15 33 | 10 25 | 0 56 |
| S 28 | 1 59 | 10 55 | 3 33 | 10 28 | 0 52 | 10 7 | 0 33 | 0 22 | 0 56 | 10 57 | 1 32 | 21 58 | 1 25 | 20 58 | 0 34 | 15 8 | 0 2 | 18 33 | 4 11 | 8 54 | 9 9 | 15 36 | 10 24 | 0 56 |
| M29 | 2 22 | 4 11 | 2 28 | 11 7 | 1 0 | 10 35 | 0 31 | 0 6 | 0 56 | 10 55 | 1 32 | 21 58 | 1 25 | 20 58 | 0 34 | 15 8 | 0 2 | 18 33 | 4 11 | 8 53 | 9 8 | 15 38 | 10 23 | 0 56 |
| T 30 | 2s45 | 2n53 | 1s10 | 11s45 | 1s 7 | 11s 3 | 0n29 | 0s 9 | 0n55 | 10n53 | 1s32 | 21n58 | 1s26 | 20s58 | 0s34 | 15n 7 | 0n 2 | 18n33 | 4s11 | 8n53 | 9n 7 | 15s41 | 10n22 | 0n56 |

Julian Day Number = 2602998.5, Delta T = 09m21s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'15, Lahiri = 29°39'17


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## OCTOBER 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 39 7 | 7♎55'20 | 25♈ 4 | 29♎18 | 1♏23 | 3♎10 | 2°R24 | 29♊19 | 28°R30 | 19♘ 3 | 13♋27 | 22°D52 | 23♈27 | 8♏55 | 24°R30 | W 1 |
| T 2 | 0 43 4 | 8°54'05 | 10♉ 5 | 0♏41 | 2°37 | 3°48 | 2♉17 | 29°20 | 28♉29 | 19° 4 | 13°27 | 22♈53 | 23°24 | 9° 1 | 24♈27 | T 2 |
| F 3 | 0 47 0 | 9°52'52 | 24°56 | 2° 4 | 3°51 | 4°27 | 2°10 | 29°21 | 28°29 | 19° 6 | 13°28 | 22°53 | 23°21 | 9° 8 | 24°25 | F 3 |
| S 4 | 0 50 57 | 10°51'41 | 9♊32 | 3°25 | 5° 5 | 5° 5 | 2° 3 | 29°22 | 28°29 | 19° 8 | 13°28 | 22°54 | 23°18 | 9°15 | 24°22 | S 4 |
| S 5 | 0 54 54 | 11°50'32 | 23°48 | 4°46 | 6°18 | 5°44 | 1°56 | 29°22 | 28°29 | 19° 9 | 13°28 | 22°55 | 23°15 | 9°21 | 24°19 | S 5 |
| M 6 | 0 58 50 | 12°49'26 | 7♋42 | 6° 5 | 7°32 | 6°23 | 1°49 | 29°23 | 28°29 | 19°11 | 13°28 | 22°R56 | 23°11 | 9°28 | 24°16 | M 6 |
| T 7 | 1 2 47 | 13°48'22 | 21°15 | 7°22 | 8°46 | 7° 1 | 1°42 | 29°24 | 28°29 | 19°12 | 13°28 | 22°56 | 23° 8 | 9°34 | 24°14 | T 7 |
| W 8 | 1 6 43 | 14°47'20 | 4♌27 | 8°39 | 10° 0 | 7°40 | 1°34 | 29°24 | 28°D29 | 19°13 | 13°29 | 22°55 | 23° 5 | 9°41 | 24°11 | W 8 |
| T 9 | 1 10 40 | 15°46'21 | 17°20 | 9°54 | 11°13 | 8°19 | 1°27 | 29°25 | 28°29 | 19°15 | 13°29 | 22°54 | 23° 2 | 9°48 | 24° 8 | T 9 |
| F 10 | 1 14 36 | 16°45'23 | 29°58 | 11° 7 | 12°27 | 8°57 | 1°19 | 29°25 | 28°29 | 19°16 | 13°29 | 22°54 | 22°59 | 9°54 | 24° 5 | F 10 |
| S 11 | 1 18 33 | 17°44'28 | 12♍21 | 12°19 | 13°41 | 9°36 | 1°12 | 29°25 | 28°29 | 19°18 | 13°29 | 22°53 | 22°56 | 10° 1 | 24° 2 | S 11 |
| S 12 | 1 22 29 | 18°43'35 | 24°33 | 13°29 | 14°55 | 10°15 | 1° 4 | 29°R25 | 28°29 | 19°19 | 13°29 | 22°52 | 22°52 | 10° 8 | 24° 0 | S 12 |
| M13 | 1 26 26 | 19°42'44 | 6♎36 | 14°37 | 16° 8 | 10°54 | 0°56 | 29°25 | 28°29 | 19°20 | 13°29 | 22°52 | 22°49 | 10°14 | 23°57 | M13 |
| T 14 | 1 30 23 | 20°41'55 | 18°32 | 15°43 | 17°22 | 11°33 | 0°48 | 29°25 | 28°30 | 19°21 | 13°R29 | 22°D52 | 22°46 | 10°21 | 23°54 | T 14 |
| W15 | 1 34 19 | 21°41'08 | 0♏22 | 16°47 | 18°36 | 12°11 | 0°40 | 29°24 | 28°30 | 19°23 | 13°29 | 22°52 | 22°43 | 10°28 | 23°51 | W15 |
| T 16 | 1 38 16 | 22°40'24 | 12°10 | 17°48 | 19°49 | 12°50 | 0°32 | 29°24 | 28°30 | 19°24 | 13°29 | 22°R52 | 22°40 | 10°34 | 23°48 | T 16 |
| F 17 | 1 42 12 | 23°39'41 | 23°57 | 18°47 | 21° 3 | 13°29 | 0°24 | 29°23 | 28°31 | 19°25 | 13°29 | 22°52 | 22°37 | 10°41 | 23°45 | F 17 |
| S 18 | 1 46 9 | 24°39'00 | 5♐47 | 19°43 | 22°17 | 14° 8 | 0°16 | 29°23 | 28°31 | 19°26 | 13°29 | 22°52 | 22°33 | 10°48 | 23°42 | S 18 |
| S 19 | 1 50 5 | 25°38'21 | 17°41 | 20°36 | 23°30 | 14°47 | 0° 8 | 29°22 | 28°32 | 19°27 | 13°29 | 22°51 | 22°30 | 10°54 | 23°40 | S 19 |
| M20 | 1 54 2 | 26°37'44 | 29°44 | 21°26 | 24°44 | 15°26 | 0° 0 | 29°21 | 28°32 | 19°29 | 13°29 | 22°51 | 22°27 | 11° 1 | 23°37 | M20 |
| T 21 | 1 57 58 | 27°37'09 | 12♑ 0 | 22°12 | 25°57 | 16° 5 | 29♈52 | 29°20 | 28°33 | 19°30 | 13°28 | 22°51 | 22°24 | 11° 8 | 23°34 | T 21 |
| W22 | 2 1 55 | 28°36'35 | 24°32 | 22°54 | 27°11 | 16°44 | 29°44 | 29°19 | 28°34 | 19°31 | 13°28 | 22°D50 | 22°21 | 11°14 | 23°31 | W22 |
| T 23 | 2 5 52 | 29°36'03 | 7♒25 | 23°31 | 28°25 | 17°23 | 29°36 | 29°18 | 28°34 | 19°32 | 13°28 | 22°50 | 22°17 | 11°21 | 23°28 | T 23 |
| F 24 | 2 9 48 | 0♏35'33 | 20°41 | 24° 4 | 29°38 | 18° 2 | 29°28 | 29°17 | 28°35 | 19°33 | 13°28 | 22°51 | 22°14 | 11°28 | 23°25 | F 24 |
| S 25 | 2 13 45 | 1°35'05 | 4♓24 | 24°31 | 0♐52 | 18°41 | 29°20 | 29°15 | 28°36 | 19°34 | 13°28 | 22°52 | 22°11 | 11°34 | 23°23 | S 25 |
| S 26 | 2 17 41 | 2°34'38 | 18°34 | 24°52 | 2° 5 | 19°20 | 29°12 | 29°14 | 28°37 | 19°34 | 13°27 | 22°52 | 22° 8 | 11°41 | 23°20 | S 26 |
| M27 | 2 21 38 | 3°34'13 | 3♈10 | 25° 7 | 3°19 | 19°59 | 29° 3 | 29°12 | 28°38 | 19°35 | 13°27 | 22°53 | 22° 5 | 11°47 | 23°17 | M27 |
| T 28 | 2 25 34 | 4°33'49 | 18° 6 | 25°15 | 4°32 | 20°38 | 28°55 | 29°10 | 28°39 | 19°36 | 13°27 | 22°R54 | 22° 2 | 11°54 | 23°14 | T 28 |
| W29 | 2 29 31 | 5°33'28 | 3♉16 | 25°R15 | 5°46 | 21°17 | 28°47 | 29° 8 | 28°40 | 19°37 | 13°26 | 22°53 | 21°58 | 12° 1 | 23°11 | W29 |
| T 30 | 2 33 27 | 6°33'09 | 18°30 | 25° 8 | 6°59 | 21°56 | 28°39 | 29° 7 | 28°41 | 19°38 | 13°26 | 22°53 | 21°55 | 12° 7 | 23° 9 | T 30 |
| F 31 | 2 37 24 | 7♏32'52 | 3♊40 | 24♏51 | 8♐13 | 22♎35 | 28♈32 | 29♊ 4 | 28♉42 | 19♘39 | 13♋26 | 22♈51 | 21♈52 | 12♏14 | 23♈ 6 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s 8 | 9n52 | 0n12 | 12s22 | 1s15 | 11s31 | 0n26 | 0s25 | 0n55 | 10n50 | 1s32 | 21n58 | 1s26 | 20s58 | 0s34 | 15n 7 | 0n 2 | 18n33 | 4s11 | 8n52 | 9n 5 | 15s44 | 10n21 | 0n56 |
| T 2 | 3 31 | 16 18 | 1 34 | 12 59 | 1 22 | 11 59 | 0 24 | 0 40 | 0 55 | 10 48 | 1 32 | 21 57 | 1 26 | 20 58 | 0 34 | 15 6 | 0 2 | 18 33 | 4 11 | 8 53 | 9 4 | 15 47 | 10 20 | 0 56 |
| F 3 | 3 54 | 21 41 | 2 49 | 13 34 | 1 30 | 12 27 | 0 21 | 0 56 | 0 54 | 10 45 | 1 32 | 21 57 | 1 26 | 20 58 | 0 34 | 15 6 | 0 2 | 18 33 | 4 11 | 8 53 | 9 3 | 15 50 | 10 19 | 0 56 |
| S 4 | 4 17 | 25 38 | 3 51 | 14 9 | 1 37 | 12 54 | 0 18 | 1 12 | 0 54 | 10 43 | 1 32 | 21 57 | 1 26 | 20 58 | 0 34 | 15 6 | 0 2 | 18 33 | 4 11 | 8 53 | 9 2 | 15 53 | 10 18 | 0 56 |
| S 5 | 4 40 | 27 52 | 4 37 | 14 43 | 1 45 | 13 21 | 0 16 | 1 27 | 0 54 | 10 40 | 1 33 | 21 57 | 1 26 | 20 58 | 0 34 | 15 5 | 0 2 | 18 33 | 4 11 | 8 54 | 9 1 | 15 56 | 10 17 | 0 56 |
| M 6 | 5 3 | 28 16 | 5 6 | 15 17 | 1 52 | 13 47 | 0 13 | 1 43 | 0 53 | 10 38 | 1 33 | 21 57 | 1 26 | 20 58 | 0 34 | 15 5 | 0 2 | 18 33 | 4 11 | 8 54 | 9 0 | 15 59 | 10 15 | 0 56 |
| T 7 | 5 26 | 26 56 | 5 17 | 15 49 | 1 59 | 14 14 | 0 10 | 1 58 | 0 53 | 10 35 | 1 33 | 21 57 | 1 26 | 20 58 | 0 34 | 15 4 | 0 2 | 18 33 | 4 11 | 8 54 | 8 58 | 16 2 | 10 14 | 0 56 |
| W 8 | 5 49 | 24 8 | 5 11 | 16 20 | 2 6 | 14 40 | 0 8 | 2 14 | 0 53 | 10 33 | 1 33 | 21 57 | 1 26 | 20 58 | 0 34 | 15 4 | 0 2 | 18 33 | 4 11 | 8 54 | 8 57 | 16 5 | 10 13 | 0 56 |
| T 9 | 6 12 | 20 11 | 4 49 | 16 50 | 2 12 | 15 5 | 0 5 | 2 29 | 0 52 | 10 30 | 1 33 | 21 57 | 1 26 | 20 58 | 0 34 | 15 3 | 0 2 | 18 33 | 4 11 | 8 53 | 8 56 | 16 8 | 10 12 | 0 56 |
| F 10 | 6 34 | 15 25 | 4 13 | 17 20 | 2 19 | 15 30 | 0 2 | 2 45 | 0 52 | 10 27 | 1 33 | 21 57 | 1 26 | 20 58 | 0 33 | 15 3 | 0 2 | 18 32 | 4 11 | 8 53 | 8 55 | 16 11 | 10 11 | 0 56 |
| S 11 | 6 57 | 10 6 | 3 27 | 17 48 | 2 25 | 15 55 | 0s 1 | 3 0 | 0 52 | 10 25 | 1 33 | 21 57 | 1 26 | 20 58 | 0 33 | 15 2 | 0 2 | 18 32 | 4 11 | 8 53 | 8 54 | 16 14 | 10 10 | 0 56 |
| S 12 | 7 19 | 4 28 | 2 31 | 18 15 | 2 31 | 16 20 | 0 3 | 3 16 | 0 51 | 10 22 | 1 33 | 21 57 | 1 26 | 20 58 | 0 33 | 15 2 | 0 2 | 18 32 | 4 11 | 8 53 | 8 53 | 16 17 | 10 9 | 0 55 |
| M13 | 7 42 | 1s15 | 1 29 | 18 41 | 2 37 | 16 44 | 0 6 | 3 31 | 0 51 | 10 19 | 1 33 | 21 57 | 1 26 | 20 58 | 0 33 | 15 2 | 0 2 | 18 32 | 4 11 | 8 52 | 8 51 | 16 19 | 10 8 | 0 55 |
| T 14 | 8 4 | 6 53 | 0 24 | 19 6 | 2 43 | 17 7 | 0 9 | 3 47 | 0 51 | 10 17 | 1 33 | 21 57 | 1 27 | 20 58 | 0 33 | 15 1 | 0 2 | 18 32 | 4 11 | 8 52 | 8 50 | 16 22 | 10 7 | 0 55 |
| W15 | 8 26 | 12 14 | 0s42 | 19 30 | 2 48 | 17 31 | 0 12 | 4 2 | 0 50 | 10 14 | 1 33 | 21 57 | 1 27 | 20 58 | 0 33 | 15 1 | 0 2 | 18 32 | 4 11 | 8 52 | 8 49 | 16 25 | 10 5 | 0 55 |
| T 16 | 8 48 | 17 8 | 1 45 | 19 52 | 2 53 | 17 53 | 0 15 | 4 17 | 0 50 | 10 11 | 1 33 | 21 56 | 1 27 | 20 58 | 0 33 | 15 1 | 0 2 | 18 32 | 4 11 | 8 52 | 8 48 | 16 28 | 10 4 | 0 55 |
| F 17 | 9 10 | 21 22 | 2 44 | 20 13 | 2 57 | 18 16 | 0 18 | 4 33 | 0 50 | 10 8 | 1 33 | 21 56 | 1 27 | 20 58 | 0 33 | 15 0 | 0 2 | 18 32 | 4 11 | 8 52 | 8 47 | 16 31 | 10 3 | 0 55 |
| S 18 | 9 32 | 24 47 | 3 37 | 20 32 | 3 1 | 18 38 | 0 20 | 4 48 | 0 49 | 10 5 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 15 0 | 0 2 | 18 32 | 4 12 | 8 52 | 8 45 | 16 34 | 10 2 | 0 55 |
| S 19 | 9 53 | 27 8 | 4 20 | 20 50 | 3 5 | 18 59 | 0 23 | 5 4 | 0 49 | 10 3 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 14 59 | 0 2 | 18 32 | 4 12 | 8 52 | 8 44 | 16 37 | 10 1 | 0 55 |
| M20 | 10 15 | 28 15 | 4 52 | 21 6 | 3 8 | 19 20 | 0 26 | 5 19 | 0 49 | 10 0 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 14 59 | 0 2 | 18 32 | 4 12 | 8 52 | 8 43 | 16 40 | 10 0 | 0 55 |
| T 21 | 10 36 | 28 2 | 5 12 | 21 21 | 3 10 | 19 40 | 0 29 | 5 34 | 0 48 | 9 57 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 14 59 | 0 2 | 18 32 | 4 12 | 8 52 | 8 42 | 16 43 | 9 59 | 0 55 |
| W22 | 10 57 | 26 22 | 5 17 | 21 33 | 3 12 | 20 0 | 0 32 | 5 49 | 0 48 | 9 54 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 14 59 | 0 2 | 18 32 | 4 12 | 8 52 | 8 41 | 16 45 | 9 58 | 0 55 |
| T 23 | 11 18 | 23 20 | 5 7 | 21 44 | 3 13 | 20 20 | 0 35 | 6 5 | 0 48 | 9 51 | 1 33 | 21 56 | 1 27 | 20 57 | 0 33 | 14 58 | 0 2 | 18 32 | 4 12 | 8 52 | 8 40 | 16 48 | 9 56 | 0 55 |
| F 24 | 11 39 | 19 0 | 4 41 | 21 52 | 3 13 | 20 38 | 0 38 | 6 20 | 0 47 | 9 49 | 1 33 | 21 56 | 1 27 | 20 56 | 0 33 | 14 58 | 0 2 | 18 32 | 4 12 | 8 52 | 8 38 | 16 51 | 9 55 | 0 54 |
| S 25 | 12 0 | 13 34 | 3 58 | 21 58 | 3 13 | 20 57 | 0 40 | 6 35 | 0 47 | 9 46 | 1 33 | 21 56 | 1 27 | 20 56 | 0 33 | 14 58 | 0 2 | 18 32 | 4 12 | 8 52 | 8 37 | 16 54 | 9 54 | 0 54 |
| S 26 | 12 20 | 7 16 | 2 59 | 22 2 | 3 11 | 21 14 | 0 43 | 6 50 | 0 46 | 9 43 | 1 33 | 21 56 | 1 27 | 20 56 | 0 33 | 14 57 | 0 3 | 18 32 | 4 12 | 8 53 | 8 36 | 16 57 | 9 53 | 0 54 |
| M27 | 12 41 | 0 23 | 1 47 | 22 3 | 3 9 | 21 32 | 0 46 | 7 5 | 0 46 | 9 40 | 1 33 | 21 56 | 1 27 | 20 56 | 0 33 | 14 57 | 0 3 | 18 32 | 4 12 | 8 53 | 8 35 | 17 0 | 9 52 | 0 54 |
| T 28 | 13 1 | 6n40 | 0 27 | 22 1 | 3 5 | 21 48 | 0 49 | 7 20 | 0 46 | 9 38 | 1 33 | 21 56 | 1 27 | 20 56 | 0 33 | 14 57 | 0 3 | 18 32 | 4 12 | 8 53 | 8 34 | 17 3 | 9 51 | 0 54 |
| W29 | 13 21 | 13 28 | 0n57 | 21 57 | 3 0 | 22 4 | 0 52 | 7 35 | 0 45 | 9 35 | 1 32 | 21 56 | 1 27 | 20 55 | 0 33 | 14 57 | 0 3 | 18 32 | 4 12 | 8 53 | 8 33 | 17 5 | 9 50 | 0 54 |
| T 30 | 13 40 | 19 30 | 2 17 | 21 48 | 2 53 | 22 19 | 0 54 | 7 50 | 0 45 | 9 32 | 1 32 | 21 56 | 1 28 | 20 55 | 0 33 | 14 56 | 0 3 | 18 32 | 4 12 | 8 53 | 8 31 | 17 8 | 9 49 | 0 54 |
| F 31 | 14s 0 | 24n14 | 3n27 | 21s36 | 2s45 | 22s34 | 0s57 | 8s 5 | 0n45 | 9n29 | 1s32 | 21n55 | 1s28 | 20s55 | 0s33 | 14n56 | 0n 3 | 18n32 | 4s12 | 8n52 | 8n30 | 17s11 | 9n47 | 0n54 |

Julian Day Number = 2603028.5, Delta T = 09m21s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'19, Lahiri = 29°39'21


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## NOVEMBER 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 41 21 | 8♏32'37 | 18♊34 | 24°R26 | 9♐26 | 23♎14 | 28°R24 | 29°R 2 | 28♑43 | 19♒39 | 13°R25 | 22°R49 | 21♈49 | 12♏21 | 23°R 3 | S 1 |
| S 2 | 2 45 17 | 9°32'24 | 3♋ 7 | 23♏52 | 10°39 | 23°53 | 28♈16 | 29♊ 0 | 28°45 | 19°40 | 13♋25 | 22♈47 | 21°46 | 12°27 | 23♈ 0 | S 2 |
| M 3 | 2 49 14 | 10°32'13 | 17°14 | 23° 8 | 11°53 | 24°33 | 28° 8 | 28°58 | 28°46 | 19°41 | 13°24 | 22°45 | 21°43 | 12°34 | 22°58 | M 3 |
| T 4 | 2 53 10 | 11°32'05 | 0♒53 | 22°16 | 13° 6 | 25°12 | 28° 0 | 28°55 | 28°47 | 19°41 | 13°24 | 22°44 | 21°39 | 12°41 | 22°55 | T 4 |
| W 5 | 2 57 7 | 12°31'58 | 14° 6 | 21°16 | 14°20 | 25°51 | 27°53 | 28°53 | 28°49 | 19°42 | 13°23 | 22°D44 | 21°36 | 12°47 | 22°52 | W 5 |
| T 6 | 3 1 3 | 13°31'54 | 26°55 | 20° 8 | 15°33 | 26°30 | 27°45 | 28°50 | 28°50 | 19°43 | 13°23 | 22°44 | 21°33 | 12°54 | 22°50 | T 6 |
| F 7 | 3 5 0 | 14°31'52 | 9♍24 | 18°55 | 16°46 | 27°10 | 27°38 | 28°47 | 28°52 | 19°43 | 13°22 | 22°46 | 21°30 | 13° 1 | 22°47 | F 7 |
| S 8 | 3 8 56 | 15°31'52 | 21°38 | 17°39 | 18° 0 | 27°49 | 27°31 | 28°45 | 28°53 | 19°44 | 13°22 | 22°47 | 21°27 | 13° 7 | 22°45 | S 8 |
| S 9 | 3 12 53 | 16°31'54 | 3♎40 | 16°21 | 19°13 | 28°28 | 27°23 | 28°42 | 28°55 | 19°44 | 13°21 | 22°49 | 21°23 | 13°14 | 22°42 | S 9 |
| M10 | 3 16 50 | 17°31'58 | 15°33 | 15° 4 | 20°26 | 29° 8 | 27°16 | 28°39 | 28°56 | 19°44 | 13°21 | 22°50 | 21°20 | 13°21 | 22°40 | M10 |
| T 11 | 3 20 46 | 18°32'04 | 27°22 | 13°50 | 21°40 | 29°47 | 27° 9 | 28°36 | 28°58 | 19°45 | 13°20 | 22°R50 | 21°17 | 13°27 | 22°37 | T 11 |
| W12 | 3 24 43 | 19°32'12 | 9♏10 | 12°42 | 22°53 | 0♏27 | 27° 2 | 28°32 | 29° 0 | 19°45 | 13°19 | 22°49 | 21°14 | 13°34 | 22°35 | W12 |
| T 13 | 3 28 39 | 20°32'22 | 20°58 | 11°42 | 24° 6 | 1° 6 | 26°55 | 28°29 | 29° 1 | 19°46 | 13°19 | 22°46 | 21°11 | 13°41 | 22°32 | T 13 |
| F 14 | 3 32 36 | 21°32'34 | 2♐48 | 10°52 | 25°19 | 1°46 | 26°49 | 28°26 | 29° 3 | 19°46 | 13°18 | 22°42 | 21° 8 | 13°47 | 22°30 | F 14 |
| S 15 | 3 36 32 | 22°32'48 | 14°44 | 10°12 | 26°32 | 2°25 | 26°42 | 28°22 | 29° 5 | 19°46 | 13°17 | 22°37 | 21° 4 | 13°54 | 22°27 | S 15 |
| S 16 | 3 40 29 | 23°33'03 | 26°45 | 9°43 | 27°46 | 3° 5 | 26°36 | 28°19 | 29° 7 | 19°46 | 13°17 | 22°32 | 21° 1 | 14° 1 | 22°25 | S 16 |
| M17 | 3 44 25 | 24°33'20 | 8♑55 | 9°27 | 28°59 | 3°44 | 26°29 | 28°15 | 29° 9 | 19°47 | 13°16 | 22°26 | 20°58 | 14° 7 | 22°23 | M17 |
| T 18 | 3 48 22 | 25°33'38 | 21°16 | 9°D21 | 0♑12 | 4°24 | 26°23 | 28°11 | 29°11 | 19°47 | 13°15 | 22°21 | 20°55 | 14°14 | 22°20 | T 18 |
| W19 | 3 52 19 | 26°33'58 | 3♒50 | 9°27 | 1°25 | 5° 3 | 26°17 | 28° 8 | 29°13 | 19°47 | 13°14 | 22°17 | 20°52 | 14°21 | 22°18 | W19 |
| T 20 | 3 56 15 | 27°34'19 | 16°40 | 9°44 | 2°38 | 5°43 | 26°11 | 28° 4 | 29°15 | 19°47 | 13°14 | 22°15 | 20°49 | 14°27 | 22°16 | T 20 |
| F 21 | 4 0 12 | 28°34'41 | 29°49 | 10°10 | 3°51 | 6°22 | 26° 6 | 28° 0 | 29°17 | 19°47 | 13°13 | 22°D14 | 20°45 | 14°34 | 22°14 | F 21 |
| S 22 | 4 4 8 | 29°35'05 | 13♓20 | 10°45 | 5° 4 | 7° 2 | 26° 0 | 27°56 | 29°19 | 19°R47 | 13°12 | 22°15 | 20°42 | 14°41 | 22°12 | S 22 |
| S 23 | 4 8 5 | 0♐35'30 | 27°16 | 11°28 | 6°17 | 7°42 | 25°55 | 27°52 | 29°22 | 19°47 | 13°11 | 22°16 | 20°39 | 14°47 | 22°10 | S 23 |
| M24 | 4 12 1 | 1°35'56 | 11♈36 | 12°18 | 7°30 | 8°21 | 25°50 | 27°48 | 29°24 | 19°47 | 13°10 | 22°18 | 20°36 | 14°54 | 22° 7 | M24 |
| T 25 | 4 15 58 | 2°36'24 | 26°18 | 13°14 | 8°43 | 9° 1 | 25°45 | 27°44 | 29°26 | 19°47 | 13°10 | 22°R18 | 20°33 | 15° 1 | 22° 5 | T 25 |
| W26 | 4 19 54 | 3°36'53 | 11♉18 | 14°16 | 9°56 | 9°41 | 25°40 | 27°39 | 29°28 | 19°47 | 13° 9 | 22°17 | 20°29 | 15° 7 | 22° 4 | W26 |
| T 27 | 4 23 51 | 4°37'23 | 26°29 | 15°23 | 11° 9 | 10°21 | 25°35 | 27°35 | 29°31 | 19°47 | 13° 8 | 22°13 | 20°26 | 15°14 | 22° 2 | T 27 |
| F 28 | 4 27 48 | 5°37'55 | 11♊41 | 16°33 | 12°21 | 11° 0 | 25°31 | 27°31 | 29°33 | 19°46 | 13° 7 | 22° 8 | 20°23 | 15°20 | 22° 0 | F 28 |
| S 29 | 4 31 44 | 6°38'29 | 26°44 | 17°47 | 13°34 | 11°40 | 25°26 | 27°26 | 29°36 | 19°46 | 13° 6 | 22° 1 | 20°20 | 15°27 | 21°58 | S 29 |
| S 30 | 4 35 41 | 7♐39'04 | 11♋28 | 19♏ 5 | 14♑47 | 12♏20 | 25♈22 | 27♊22 | 29♑38 | 19♒46 | 13♋ 5 | 21♈54 | 20♈17 | 15♏34 | 21♈56 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s19 | 27n15 | 4n22 | 21s21 | 2s35 | 22s48 | 1s 0 | 8s20 | 0n44 | 9n27 | 1s32 | 21n55 | 1s28 | 20s55 | 0s33 | 14n56 | 0n 3 | 18n32 | 4s12 | 8n51 | 8n29 | 17s14 | 9n46 | 0n54 |
| S 2 | 14 38 | 28 19 | 4 58 | 21 1 | 2 24 | 23 2 | 1 3 | 8 34 | 0 44 | 9 24 | 1 32 | 21 55 | 1 28 | 20 54 | 0 33 | 14 56 | 0 3 | 18 32 | 4 12 | 8 51 | 8 28 | 17 17 | 9 45 | 0 54 |
| M 3 | 14 57 | 27 29 | 5 15 | 20 38 | 2 11 | 23 15 | 1 5 | 8 49 | 0 43 | 9 21 | 1 32 | 21 55 | 1 28 | 20 54 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 50 | 8 27 | 17 20 | 9 44 | 0 53 |
| T 4 | 15 16 | 25 0 | 5 13 | 20 10 | 1 56 | 23 27 | 1 8 | 9 4 | 0 43 | 9 19 | 1 32 | 21 55 | 1 28 | 20 54 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 49 | 8 25 | 17 22 | 9 43 | 0 53 |
| W 5 | 15 34 | 21 15 | 4 55 | 19 38 | 1 40 | 23 38 | 1 11 | 9 18 | 0 43 | 9 16 | 1 32 | 21 55 | 1 28 | 20 53 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 49 | 8 24 | 17 25 | 9 42 | 0 53 |
| T 6 | 15 52 | 16 37 | 4 22 | 19 3 | 1 22 | 23 49 | 1 13 | 9 33 | 0 42 | 9 14 | 1 32 | 21 55 | 1 28 | 20 53 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 50 | 8 23 | 17 28 | 9 41 | 0 53 |
| F 7 | 16 10 | 11 23 | 3 37 | 18 25 | 1 3 | 23 59 | 1 16 | 9 47 | 0 42 | 9 11 | 1 31 | 21 55 | 1 28 | 20 53 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 50 | 8 22 | 17 31 | 9 40 | 0 53 |
| S 8 | 16 27 | 5 49 | 2 44 | 17 44 | 0 43 | 24 9 | 1 18 | 10 2 | 0 41 | 9 9 | 1 31 | 21 55 | 1 28 | 20 52 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 51 | 8 21 | 17 34 | 9 39 | 0 53 |
| S 9 | 16 45 | 0 8 | 1 44 | 17 3 | 0 22 | 24 18 | 1 21 | 10 16 | 0 41 | 9 6 | 1 31 | 21 55 | 1 28 | 20 52 | 0 33 | 14 55 | 0 3 | 18 32 | 4 12 | 8 51 | 8 19 | 17 36 | 9 38 | 0 53 |
| M10 | 17 2 | 5s30 | 0 40 | 16 20 | 0 1 | 24 26 | 1 23 | 10 31 | 0 41 | 9 4 | 1 31 | 21 55 | 1 28 | 20 52 | 0 33 | 14 54 | 0 3 | 18 32 | 4 12 | 8 52 | 8 18 | 17 39 | 9 37 | 0 53 |
| T 11 | 17 18 | 10 54 | 0s25 | 15 39 | 0n19 | 24 33 | 1 26 | 10 45 | 0 40 | 9 1 | 1 31 | 21 55 | 1 28 | 20 51 | 0 33 | 14 54 | 0 3 | 18 32 | 4 12 | 8 52 | 8 17 | 17 42 | 9 36 | 0 53 |
| W12 | 17 35 | 15 55 | 1 29 | 15 0 | 0 38 | 24 40 | 1 28 | 10 59 | 0 40 | 8 59 | 1 31 | 21 55 | 1 28 | 20 51 | 0 33 | 14 54 | 0 3 | 18 32 | 4 12 | 8 51 | 8 16 | 17 45 | 9 35 | 0 53 |
| T 13 | 17 51 | 20 21 | 2 28 | 14 25 | 0 57 | 24 46 | 1 30 | 11 13 | 0 39 | 8 57 | 1 30 | 21 55 | 1 28 | 20 51 | 0 33 | 14 54 | 0 3 | 18 32 | 4 12 | 8 50 | 8 15 | 17 48 | 9 34 | 0 52 |
| F 14 | 18 7 | 23 58 | 3 22 | 13 53 | 1 14 | 24 51 | 1 33 | 11 27 | 0 39 | 8 55 | 1 30 | 21 55 | 1 28 | 20 50 | 0 33 | 14 54 | 0 3 | 18 32 | 4 12 | 8 49 | 8 14 | 17 50 | 9 33 | 0 52 |
| S 15 | 18 22 | 26 36 | 4 7 | 13 27 | 1 29 | 24 55 | 1 35 | 11 41 | 0 38 | 8 53 | 1 30 | 21 55 | 1 28 | 20 50 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 47 | 8 12 | 17 53 | 9 32 | 0 52 |
| S 16 | 18 37 | 28 2 | 4 41 | 13 5 | 1 42 | 24 59 | 1 37 | 11 55 | 0 38 | 8 50 | 1 30 | 21 55 | 1 28 | 20 49 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 45 | 8 11 | 17 56 | 9 31 | 0 52 |
| M17 | 18 52 | 28 8 | 5 3 | 12 49 | 1 53 | 25 2 | 1 39 | 12 9 | 0 38 | 8 48 | 1 30 | 21 54 | 1 28 | 20 49 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 43 | 8 10 | 17 59 | 9 30 | 0 52 |
| T 18 | 19 7 | 26 51 | 5 12 | 12 39 | 2 2 | 25 5 | 1 41 | 12 23 | 0 37 | 8 46 | 1 29 | 21 54 | 1 28 | 20 49 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 41 | 8 9 | 18 1 | 9 29 | 0 52 |
| W19 | 19 21 | 24 12 | 5 6 | 12 34 | 2 10 | 25 6 | 1 43 | 12 36 | 0 37 | 8 44 | 1 29 | 21 54 | 1 28 | 20 48 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 39 | 8 8 | 18 4 | 9 28 | 0 52 |
| T 20 | 19 35 | 20 19 | 4 44 | 12 33 | 2 15 | 25 7 | 1 45 | 12 50 | 0 36 | 8 43 | 1 29 | 21 54 | 1 28 | 20 48 | 0 33 | 14 54 | 0 3 | 18 32 | 4 13 | 8 39 | 8 6 | 18 7 | 9 27 | 0 52 |
| F 21 | 19 48 | 15 22 | 4 7 | 12 38 | 2 19 | 25 7 | 1 47 | 13 3 | 0 36 | 8 41 | 1 29 | 21 54 | 1 28 | 20 47 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 38 | 8 5 | 18 10 | 9 26 | 0 52 |
| S 22 | 20 1 | 9 33 | 3 16 | 12 46 | 2 22 | 25 6 | 1 49 | 13 17 | 0 35 | 8 39 | 1 28 | 21 54 | 1 28 | 20 47 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 39 | 8 4 | 18 12 | 9 25 | 0 51 |
| S 23 | 20 14 | 3 6 | 2 12 | 12 58 | 2 23 | 25 5 | 1 51 | 13 30 | 0 35 | 8 37 | 1 28 | 21 54 | 1 28 | 20 46 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 39 | 8 3 | 18 15 | 9 24 | 0 51 |
| M24 | 20 26 | 3n41 | 0 58 | 13 13 | 2 23 | 25 3 | 1 52 | 13 43 | 0 34 | 8 36 | 1 28 | 21 54 | 1 28 | 20 46 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 40 | 8 2 | 18 18 | 9 23 | 0 51 |
| T 25 | 20 38 | 10 28 | 0n22 | 13 31 | 2 22 | 25 0 | 1 54 | 13 56 | 0 34 | 8 34 | 1 28 | 21 54 | 1 28 | 20 45 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 40 | 8 0 | 18 21 | 9 23 | 0 51 |
| W26 | 20 50 | 16 48 | 1 41 | 13 52 | 2 20 | 24 56 | 1 56 | 14 9 | 0 33 | 8 32 | 1 27 | 21 54 | 1 28 | 20 45 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 39 | 7 59 | 18 23 | 9 22 | 0 51 |
| T 27 | 21 1 | 22 9 | 2 55 | 14 14 | 2 17 | 24 52 | 1 57 | 14 22 | 0 33 | 8 31 | 1 27 | 21 54 | 1 28 | 20 44 | 0 33 | 14 54 | 0 3 | 18 33 | 4 13 | 8 38 | 7 58 | 18 26 | 9 21 | 0 51 |
| F 28 | 21 12 | 26 2 | 3 55 | 14 37 | 2 13 | 24 47 | 1 59 | 14 35 | 0 32 | 8 30 | 1 27 | 21 54 | 1 28 | 20 44 | 0 32 | 14 54 | 0 3 | 18 33 | 4 13 | 8 36 | 7 57 | 18 29 | 9 20 | 0 51 |
| S 29 | 21 22 | 28 0 | 4 39 | 15 2 | 2 9 | 24 41 | 2 0 | 14 48 | 0 32 | 8 28 | 1 27 | 21 54 | 1 28 | 20 43 | 0 32 | 14 54 | 0 3 | 18 33 | 4 13 | 8 34 | 7 56 | 18 32 | 9 19 | 0 51 |
| S 30 | 21s32 | 27n56 | 5n 3 | 15s28 | 2n 4 | 24s35 | 2s 1 | 15s 0 | 0n32 | 8n27 | 1s26 | 21n54 | 1s28 | 20s43 | 0s32 | 14n54 | 0n 3 | 18n33 | 4s13 | 8n31 | 7n54 | 18s34 | 9n19 | 0n51 |

Julian Day Number = 2603059.5, Delta T = 09m21s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'24, Lahiri = 29°39'25


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# ASTRODIENST EPHEMERIS for the year 2414
# geocentric

## DECEMBER 2414 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 39 37 | 8♐39'41 | 25♋46 | 20♏24 | 16♑ 0 | 13♏ 0 | 25°R18 | 27°R17 | 29♑41 | 19°R46 | 13°R 4 | 21°R47 | 20♈14 | 15♏40 | 21°R54 | M 1 |
| T 2 | 4 43 34 | 9°40'19 | 9♌36 | 21°46 | 17°12 | 13°40 | 25♈15 | 27♊13 | 29°43 | 19♌45 | 13♋ 3 | 21♈41 | 20°10 | 15°47 | 21♈53 | T 2 |
| W 3 | 4 47 30 | 10°40'59 | 22°56 | 23°10 | 18°25 | 14°20 | 25°11 | 27° 8 | 29°46 | 19°45 | 13° 2 | 21°38 | 20° 7 | 15°54 | 21°51 | W 3 |
| T 4 | 4 51 27 | 11°41'40 | 5♍49 | 24°35 | 19°37 | 15° 0 | 25° 8 | 27° 4 | 29°48 | 19°45 | 13° 1 | 21°36 | 20° 4 | 16° 0 | 21°49 | T 4 |
| F 5 | 4 55 24 | 12°42'23 | 18°18 | 26° 2 | 20°50 | 15°40 | 25° 4 | 26°59 | 29°51 | 19°44 | 13° 0 | 21°D36 | 20° 1 | 16° 7 | 21°48 | F 5 |
| S 6 | 4 59 20 | 13°43'07 | 0♎29 | 27°29 | 22° 2 | 16°20 | 25° 1 | 26°54 | 29°54 | 19°44 | 12°59 | 21°37 | 19°58 | 16°14 | 21°46 | S 6 |
| S 7 | 5 3 17 | 14°43'53 | 12°27 | 28°58 | 23°15 | 17° 0 | 24°59 | 26°49 | 29°56 | 19°43 | 12°58 | 21°38 | 19°55 | 16°20 | 21°45 | S 7 |
| M 8 | 5 7 13 | 15°44'41 | 24°17 | 0♐27 | 24°27 | 17°40 | 24°56 | 26°45 | 29°59 | 19°43 | 12°57 | 21°R38 | 19°51 | 16°27 | 21°44 | M 8 |
| T 9 | 5 11 10 | 16°45'30 | 6♏ 4 | 1°57 | 25°39 | 18°20 | 24°54 | 26°40 | 0♒ 2 | 19°42 | 12°56 | 21°37 | 19°48 | 16°34 | 21°42 | T 9 |
| W10 | 5 15 6 | 17°46'20 | 17°51 | 3°28 | 26°52 | 19° 0 | 24°52 | 26°35 | 0° 5 | 19°42 | 12°55 | 21°33 | 19°45 | 16°40 | 21°41 | W10 |
| T 11 | 5 19 3 | 18°47'11 | 29°41 | 4°59 | 28° 4 | 19°40 | 24°50 | 26°30 | 0° 8 | 19°41 | 12°54 | 21°27 | 19°42 | 16°47 | 21°40 | T 11 |
| F 12 | 5 22 59 | 19°48'04 | 11♐38 | 6°30 | 29°16 | 20°20 | 24°48 | 26°25 | 0°10 | 19°40 | 12°53 | 21°18 | 19°39 | 16°54 | 21°38 | F 12 |
| S 13 | 5 26 56 | 20°48'58 | 23°43 | 8° 2 | 0♒28 | 21° 0 | 24°46 | 26°20 | 0°13 | 19°40 | 12°51 | 21° 7 | 19°35 | 17° 0 | 21°37 | S 13 |
| S 14 | 5 30 53 | 21°49'53 | 5♑57 | 9°34 | 1°40 | 21°41 | 24°45 | 26°15 | 0°16 | 19°39 | 12°50 | 20°55 | 19°32 | 17° 7 | 21°36 | S 14 |
| M15 | 5 34 49 | 22°50'48 | 18°21 | 11° 6 | 2°52 | 22°21 | 24°44 | 26°10 | 0°19 | 19°38 | 12°49 | 20°43 | 19°29 | 17°14 | 21°35 | M15 |
| T 16 | 5 38 46 | 23°51'45 | 0♒55 | 12°38 | 4° 4 | 23° 1 | 24°43 | 26° 6 | 0°22 | 19°37 | 12°48 | 20°32 | 19°26 | 17°20 | 21°34 | T 16 |
| W17 | 5 42 42 | 24°52'42 | 13°40 | 14°10 | 5°16 | 23°41 | 24°42 | 26° 1 | 0°25 | 19°37 | 12°47 | 20°23 | 19°23 | 17°27 | 21°33 | W17 |
| T 18 | 5 46 39 | 25°53'40 | 26°37 | 15°43 | 6°28 | 24°22 | 24°42 | 25°56 | 0°28 | 19°36 | 12°46 | 20°17 | 19°20 | 17°34 | 21°32 | T 18 |
| F 19 | 5 50 35 | 26°54'39 | 9♓48 | 17°16 | 7°40 | 25° 2 | 24°41 | 25°51 | 0°31 | 19°35 | 12°45 | 20°13 | 19°16 | 17°40 | 21°32 | F 19 |
| S 20 | 5 54 32 | 27°55'38 | 23°15 | 18°48 | 8°51 | 25°42 | 24°D41 | 25°46 | 0°35 | 19°34 | 12°43 | 20°D12 | 19°13 | 17°47 | 21°31 | S 20 |
| S 21 | 5 58 28 | 28°56'37 | 7♈ 0 | 20°21 | 10° 3 | 26°23 | 24°41 | 25°41 | 0°38 | 19°33 | 12°42 | 20°12 | 19°10 | 17°54 | 21°30 | S 21 |
| M22 | 6 2 25 | 29°57'37 | 21° 3 | 21°55 | 11°15 | 27° 3 | 24°42 | 25°36 | 0°41 | 19°32 | 12°41 | 20°R12 | 19° 7 | 18° 0 | 21°30 | M22 |
| T 23 | 6 6 22 | 0♑58'38 | 5♉24 | 23°28 | 12°26 | 27°43 | 24°42 | 25°31 | 0°44 | 19°31 | 12°40 | 20°11 | 19° 4 | 18° 7 | 21°29 | T 23 |
| W24 | 6 10 18 | 1°59'39 | 20° 3 | 25° 1 | 13°37 | 28°24 | 24°43 | 25°26 | 0°47 | 19°30 | 12°39 | 20° 8 | 19° 1 | 18°14 | 21°28 | W24 |
| T 25 | 6 14 15 | 3° 0'40 | 4♊53 | 26°34 | 14°49 | 29° 4 | 24°44 | 25°21 | 0°50 | 19°29 | 12°37 | 20° 2 | 18°57 | 18°20 | 21°28 | T 25 |
| F 26 | 6 18 11 | 4° 1'42 | 19°49 | 28° 8 | 16° 0 | 29°45 | 24°45 | 25°16 | 0°54 | 19°28 | 12°36 | 19°54 | 18°54 | 18°27 | 21°28 | F 26 |
| S 27 | 6 22 8 | 5° 2'45 | 4♋41 | 29°42 | 17°11 | 0♐25 | 24°47 | 25°11 | 0°57 | 19°27 | 12°35 | 19°43 | 18°51 | 18°34 | 21°27 | S 27 |
| S 28 | 6 26 4 | 6° 3'48 | 19°21 | 1♑16 | 18°22 | 1° 6 | 24°48 | 25° 7 | 1° 0 | 19°26 | 12°34 | 19°31 | 18°48 | 18°40 | 21°27 | S 28 |
| M29 | 6 30 1 | 7° 4'51 | 3♌40 | 2°50 | 19°33 | 1°47 | 24°50 | 25° 2 | 1° 4 | 19°25 | 12°33 | 19°20 | 18°45 | 18°47 | 21°27 | M29 |
| T 30 | 6 33 57 | 8° 5'55 | 17°33 | 4°24 | 20°43 | 2°27 | 24°52 | 24°57 | 1° 7 | 19°24 | 12°31 | 19°10 | 18°41 | 18°54 | 21°26 | T 30 |
| W31 | 6 37 54 | 9♑ 7'00 | 0♍59 | 5♑59 | 21♒54 | 3♐ 8 | 24♈54 | 24♊52 | 1♒10 | 19♌22 | 12♋30 | 19♈ 2 | 18♈38 | 19♏ 0 | 21♈26 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s42 | 25n59 | 5n 8 | 15s54 | 1n59 | 24s27 | 2s 2 | 15s13 | 0n31 | 8n26 | 1s26 | 21n54 | 1s28 | 20s42 | 0s32 | 14n54 | 0n 3 | 18n33 | 4s13 | 8n28 | 7n53 | 18s37 | 9n18 | 0n50 |
| T 2 | 21 51 | 22 31 | 4 54 | 16 21 | 1 53 | 24 20 | 2 4 | 15 25 | 0 31 | 8 25 | 1 26 | 21 54 | 1 28 | 20 42 | 0 32 | 14 54 | 0 3 | 18 33 | 4 13 | 8 26 | 7 52 | 18 40 | 9 17 | 0 50 |
| W 3 | 22 0 | 18 0 | 4 24 | 16 48 | 1 47 | 24 11 | 2 5 | 15 38 | 0 30 | 8 24 | 1 26 | 21 54 | 1 28 | 20 41 | 0 32 | 14 55 | 0 3 | 18 33 | 4 13 | 8 25 | 7 51 | 18 42 | 9 16 | 0 50 |
| T 4 | 22 8 | 12 48 | 3 42 | 17 15 | 1 41 | 24 2 | 2 6 | 15 50 | 0 30 | 8 23 | 1 25 | 21 54 | 1 28 | 20 41 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 24 | 7 50 | 18 45 | 9 16 | 0 50 |
| F 5 | 22 16 | 7 13 | 2 50 | 17 42 | 1 34 | 23 52 | 2 6 | 16 2 | 0 29 | 8 22 | 1 25 | 21 53 | 1 28 | 20 40 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 24 | 7 48 | 18 48 | 9 15 | 0 50 |
| S 6 | 22 24 | 1 31 | 1 51 | 18 9 | 1 27 | 23 41 | 2 7 | 16 14 | 0 29 | 8 21 | 1 25 | 21 53 | 1 28 | 20 39 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 24 | 7 47 | 18 51 | 9 14 | 0 50 |
| S 7 | 22 31 | 4s 9 | 0 49 | 18 35 | 1 20 | 23 29 | 2 8 | 16 26 | 0 28 | 8 20 | 1 24 | 21 53 | 1 28 | 20 39 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 25 | 7 46 | 18 53 | 9 14 | 0 50 |
| M 8 | 22 38 | 9 37 | 0s14 | 19 1 | 1 13 | 23 17 | 2 8 | 16 37 | 0 28 | 8 20 | 1 24 | 21 53 | 1 28 | 20 38 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 25 | 7 45 | 18 56 | 9 13 | 0 50 |
| T 9 | 22 44 | 14 43 | 1 17 | 19 26 | 1 6 | 23 5 | 2 9 | 16 49 | 0 27 | 8 19 | 1 24 | 21 53 | 1 28 | 20 38 | 0 32 | 14 55 | 0 3 | 18 34 | 4 13 | 8 24 | 7 44 | 18 59 | 9 12 | 0 49 |
| W10 | 22 50 | 19 17 | 2 16 | 19 51 | 0 59 | 22 51 | 2 9 | 17 0 | 0 27 | 8 19 | 1 24 | 21 53 | 1 27 | 20 37 | 0 32 | 14 56 | 0 3 | 18 34 | 4 13 | 8 23 | 7 43 | 19 1 | 9 12 | 0 49 |
| T 11 | 22 55 | 23 7 | 3 9 | 20 14 | 0 51 | 22 37 | 2 10 | 17 12 | 0 26 | 8 18 | 1 23 | 21 53 | 1 27 | 20 36 | 0 32 | 14 56 | 0 3 | 18 34 | 4 13 | 8 21 | 7 41 | 19 4 | 9 11 | 0 49 |
| F 12 | 23 0 | 26 0 | 3 55 | 20 37 | 0 44 | 22 23 | 2 10 | 17 23 | 0 25 | 8 18 | 1 23 | 21 53 | 1 27 | 20 36 | 0 32 | 14 56 | 0 3 | 18 34 | 4 13 | 8 17 | 7 40 | 19 7 | 9 11 | 0 49 |
| S 13 | 23 4 | 27 44 | 4 30 | 21 0 | 0 37 | 22 7 | 2 10 | 17 34 | 0 25 | 8 17 | 1 23 | 21 53 | 1 27 | 20 35 | 0 32 | 14 56 | 0 3 | 18 35 | 4 13 | 8 13 | 7 39 | 19 9 | 9 10 | 0 49 |
| S 14 | 23 8 | 28 8 | 4 53 | 21 21 | 0 29 | 21 52 | 2 10 | 17 45 | 0 24 | 8 17 | 1 22 | 21 53 | 1 27 | 20 34 | 0 32 | 14 57 | 0 3 | 18 35 | 4 13 | 8 9 | 7 38 | 19 12 | 9 10 | 0 49 |
| M15 | 23 12 | 27 8 | 5 3 | 21 42 | 0 22 | 21 35 | 2 10 | 17 56 | 0 24 | 8 17 | 1 22 | 21 53 | 1 27 | 20 34 | 0 32 | 14 57 | 0 3 | 18 35 | 4 13 | 8 4 | 7 37 | 19 15 | 9 9 | 0 49 |
| T 16 | 23 15 | 24 46 | 4 58 | 22 1 | 0 15 | 21 18 | 2 10 | 18 7 | 0 23 | 8 17 | 1 22 | 21 53 | 1 27 | 20 33 | 0 32 | 14 57 | 0 3 | 18 35 | 4 13 | 8 0 | 7 35 | 19 17 | 9 9 | 0 49 |
| W17 | 23 17 | 21 8 | 4 39 | 22 19 | 0 8 | 21 0 | 2 10 | 18 17 | 0 23 | 8 17 | 1 21 | 21 53 | 1 27 | 20 33 | 0 32 | 14 57 | 0 3 | 18 35 | 4 13 | 7 57 | 7 34 | 19 20 | 9 8 | 0 48 |
| T 18 | 23 19 | 16 27 | 4 5 | 22 37 | 0 1 | 20 42 | 2 9 | 18 28 | 0 22 | 8 17 | 1 21 | 21 53 | 1 27 | 20 32 | 0 32 | 14 58 | 0 3 | 18 35 | 4 13 | 7 54 | 7 33 | 19 23 | 9 8 | 0 48 |
| F 19 | 23 21 | 10 55 | 3 17 | 22 53 | 0s 6 | 20 23 | 2 9 | 18 38 | 0 22 | 8 17 | 1 21 | 21 53 | 1 27 | 20 31 | 0 32 | 14 58 | 0 3 | 18 35 | 4 13 | 7 53 | 7 32 | 19 25 | 9 7 | 0 48 |
| S 20 | 23 22 | 4 47 | 2 18 | 23 8 | 0 13 | 20 4 | 2 8 | 18 48 | 0 21 | 8 18 | 1 21 | 21 53 | 1 27 | 20 30 | 0 32 | 14 58 | 0 3 | 18 35 | 4 12 | 7 53 | 7 31 | 19 28 | 9 7 | 0 48 |
| S 21 | 23 23 | 1n42 | 1 10 | 23 22 | 0 20 | 19 44 | 2 8 | 18 58 | 0 21 | 8 18 | 1 20 | 21 53 | 1 27 | 20 30 | 0 32 | 14 58 | 0 3 | 18 36 | 4 12 | 7 53 | 7 29 | 19 30 | 9 6 | 0 48 |
| M22 | 23 23 | 8 16 | 0n 4 | 23 35 | 0 27 | 19 24 | 2 7 | 19 8 | 0 20 | 8 18 | 1 20 | 21 53 | 1 26 | 20 29 | 0 32 | 14 59 | 0 3 | 18 36 | 4 12 | 7 53 | 7 28 | 19 33 | 9 6 | 0 48 |
| T 23 | 23 23 | 14 33 | 1 20 | 23 47 | 0 33 | 19 3 | 2 6 | 19 18 | 0 19 | 8 19 | 1 20 | 21 52 | 1 26 | 20 28 | 0 32 | 14 59 | 0 3 | 18 36 | 4 12 | 7 52 | 7 27 | 19 36 | 9 6 | 0 48 |
| W24 | 23 22 | 20 9 | 2 31 | 23 57 | 0 40 | 18 42 | 2 5 | 19 27 | 0 19 | 8 19 | 1 19 | 21 52 | 1 26 | 20 28 | 0 32 | 14 59 | 0 3 | 18 36 | 4 12 | 7 51 | 7 26 | 19 38 | 9 5 | 0 48 |
| T 25 | 23 21 | 24 34 | 3 33 | 24 7 | 0 46 | 18 20 | 2 4 | 19 37 | 0 18 | 8 20 | 1 19 | 21 52 | 1 26 | 20 27 | 0 32 | 15 0 | 0 3 | 18 36 | 4 12 | 7 49 | 7 25 | 19 41 | 9 5 | 0 47 |
| F 26 | 23 20 | 27 20 | 4 21 | 24 15 | 0 52 | 17 58 | 2 3 | 19 46 | 0 18 | 8 21 | 1 19 | 21 52 | 1 26 | 20 26 | 0 32 | 15 0 | 0 3 | 18 36 | 4 12 | 7 46 | 7 23 | 19 43 | 9 5 | 0 47 |
| S 27 | 23 17 | 28 9 | 4 51 | 24 21 | 0 58 | 17 35 | 2 1 | 19 55 | 0 17 | 8 22 | 1 18 | 21 52 | 1 26 | 20 26 | 0 32 | 15 0 | 0 3 | 18 36 | 4 12 | 7 42 | 7 22 | 19 46 | 9 5 | 0 47 |
| S 28 | 23 15 | 26 58 | 5 1 | 24 27 | 1 4 | 17 12 | 2 0 | 20 4 | 0 17 | 8 22 | 1 18 | 21 52 | 1 26 | 20 25 | 0 32 | 15 1 | 0 3 | 18 37 | 4 12 | 7 37 | 7 21 | 19 49 | 9 4 | 0 47 |
| M29 | 23 12 | 24 1 | 4 52 | 24 31 | 1 10 | 16 48 | 1 58 | 20 13 | 0 16 | 8 23 | 1 18 | 21 52 | 1 26 | 20 24 | 0 32 | 15 1 | 0 3 | 18 37 | 4 12 | 7 33 | 7 20 | 19 51 | 9 4 | 0 47 |
| T 30 | 23 8 | 19 45 | 4 25 | 24 34 | 1 15 | 16 24 | 1 57 | 20 21 | 0 15 | 8 24 | 1 17 | 21 52 | 1 25 | 20 23 | 0 32 | 15 1 | 0 3 | 18 37 | 4 12 | 7 29 | 7 18 | 19 54 | 9 4 | 0 47 |
| W31 | 23s 4 | 14n36 | 3n45 | 24s35 | 1s20 | 16s 0 | 1s55 | 20s30 | 0n15 | 8n25 | 1s17 | 21n52 | 1s25 | 20s23 | 0s32 | 15n 2 | 0n 3 | 18n37 | 4s12 | 7n26 | 7n17 | 19s56 | 9n 4 | 0n47 |

Julian Day Number = 2603089.5, Delta T = 09m21s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'28, Lahiri = 29°39'29


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## JANUARY 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 41 51 | 10♉ 8'05 | 13♍57 | 7♉33 | 23♒ 4 | 3♐48 | 24♈57 | 24°R48 | 1♒14 | 19°R21 | 12°R29 | 18°R57 | 18♈35 | 19♏ 7 | 21°R26 | T 1 |
| F 2 | 6 45 47 | 11° 9'11 | 26°31 | 9° 8 | 24°15 | 4°29 | 24°59 | 24♊43 | 1°17 | 19♎20 | 12♋28 | 18♈55 | 18°32 | 19°14 | 21°D26 | F 2 |
| S 3 | 6 49 44 | 12°10'18 | 8♎45 | 10°44 | 25°25 | 5°10 | 25° 2 | 24°38 | 1°20 | 19°19 | 12°27 | 18°54 | 18°29 | 19°20 | 21♈26 | S 3 |
| S 4 | 6 53 40 | 13°11'25 | 20°44 | 12°19 | 26°35 | 5°51 | 25° 5 | 24°34 | 1°24 | 19°17 | 12°25 | 18°54 | 18°26 | 19°27 | 21°26 | S 4 |
| M 5 | 6 57 37 | 14°12'32 | 2♏35 | 13°55 | 27°45 | 6°31 | 25° 8 | 24°29 | 1°27 | 19°16 | 12°24 | 18°53 | 18°22 | 19°34 | 21°27 | M 5 |
| T 6 | 7 1 33 | 15°13'40 | 14°22 | 15°31 | 28°55 | 7°12 | 25°12 | 24°25 | 1°31 | 19°15 | 12°23 | 18°51 | 18°19 | 19°40 | 21°27 | T 6 |
| W 7 | 7 5 30 | 16°14'49 | 26°10 | 17° 7 | 0♓ 5 | 7°53 | 25°15 | 24°20 | 1°34 | 19°14 | 12°22 | 18°47 | 18°16 | 19°47 | 21°27 | W 7 |
| T 8 | 7 9 26 | 17°15'58 | 8♐ 5 | 18°44 | 1°15 | 8°34 | 25°19 | 24°16 | 1°37 | 19°12 | 12°20 | 18°39 | 18°13 | 19°54 | 21°28 | T 8 |
| F 9 | 7 13 23 | 18°17'07 | 20° 8 | 20°21 | 2°24 | 9°15 | 25°23 | 24°12 | 1°41 | 19°11 | 12°19 | 18°29 | 18°10 | 20° 0 | 21°28 | F 9 |
| S 10 | 7 17 20 | 19°18'16 | 2♉24 | 21°58 | 3°34 | 9°56 | 25°27 | 24° 8 | 1°44 | 19° 9 | 12°18 | 18°16 | 18° 7 | 20° 7 | 21°28 | S 10 |
| S 11 | 7 21 16 | 20°19'26 | 14°52 | 23°36 | 4°43 | 10°36 | 25°31 | 24° 3 | 1°48 | 19° 8 | 12°17 | 18° 1 | 18° 3 | 20°14 | 21°29 | S 11 |
| M12 | 7 25 13 | 21°20'35 | 27°33 | 25°14 | 5°52 | 11°17 | 25°36 | 23°59 | 1°51 | 19° 7 | 12°16 | 17°47 | 18° 0 | 20°20 | 21°29 | M12 |
| T 13 | 7 29 9 | 22°21'45 | 10♒27 | 26°53 | 7° 1 | 11°58 | 25°41 | 23°55 | 1°55 | 19° 5 | 12°14 | 17°34 | 17°57 | 20°27 | 21°30 | T 13 |
| W14 | 7 33 6 | 23°22'54 | 23°32 | 28°31 | 8°10 | 12°39 | 25°46 | 23°51 | 1°58 | 19° 4 | 12°13 | 17°23 | 17°54 | 20°34 | 21°31 | W14 |
| T 15 | 7 37 2 | 24°24'03 | 6♓48 | 0♒11 | 9°18 | 13°20 | 25°51 | 23°47 | 2° 2 | 19° 2 | 12°12 | 17°14 | 17°51 | 20°40 | 21°32 | T 15 |
| F 16 | 7 40 59 | 25°25'12 | 20°14 | 1°50 | 10°27 | 14° 1 | 25°56 | 23°44 | 2° 5 | 19° 1 | 12°11 | 17° 9 | 17°47 | 20°47 | 21°32 | F 16 |
| S 17 | 7 44 56 | 26°26'20 | 3♈50 | 3°30 | 11°35 | 14°42 | 26° 2 | 23°40 | 2° 9 | 18°59 | 12°10 | 17° 7 | 17°44 | 20°54 | 21°33 | S 17 |
| S 18 | 7 48 52 | 27°27'27 | 17°36 | 5°10 | 12°43 | 15°24 | 26° 7 | 23°36 | 2°13 | 18°58 | 12° 8 | 17°D 7 | 17°41 | 21° 0 | 21°34 | S 18 |
| M19 | 7 52 49 | 28°28'34 | 1♉32 | 6°50 | 13°51 | 16° 5 | 26°13 | 23°32 | 2°16 | 18°56 | 12° 7 | 17°R 7 | 17°38 | 21° 7 | 21°35 | M19 |
| T 20 | 7 56 45 | 29°29'40 | 15°40 | 8°31 | 14°59 | 16°46 | 26°19 | 23°29 | 2°20 | 18°54 | 12° 6 | 17° 6 | 17°35 | 21°14 | 21°36 | T 20 |
| W21 | 8 0 42 | 0♒30'46 | 29°57 | 10°11 | 16° 6 | 17°27 | 26°25 | 23°26 | 2°23 | 18°53 | 12° 5 | 17° 3 | 17°32 | 21°20 | 21°37 | W21 |
| T 22 | 8 4 38 | 1°31'51 | 14♊22 | 11°52 | 17°14 | 18° 8 | 26°31 | 23°22 | 2°27 | 18°51 | 12° 4 | 16°57 | 17°28 | 21°27 | 21°38 | T 22 |
| F 23 | 8 8 35 | 2°32'56 | 28°51 | 13°33 | 18°21 | 18°49 | 26°38 | 23°19 | 2°30 | 18°50 | 12° 3 | 16°49 | 17°25 | 21°34 | 21°40 | F 23 |
| S 24 | 8 12 31 | 3°34'00 | 13♋17 | 15°13 | 19°27 | 19°31 | 26°45 | 23°16 | 2°34 | 18°48 | 12° 2 | 16°38 | 17°22 | 21°40 | 21°41 | S 24 |
| S 25 | 8 16 28 | 4°35'03 | 27°35 | 16°54 | 20°34 | 20°12 | 26°52 | 23°13 | 2°37 | 18°46 | 12° 0 | 16°27 | 17°19 | 21°47 | 21°42 | S 25 |
| M26 | 8 20 25 | 5°36'06 | 11♌39 | 18°34 | 21°40 | 20°53 | 26°59 | 23°10 | 2°41 | 18°45 | 11°59 | 16°15 | 17°16 | 21°54 | 21°44 | M26 |
| T 27 | 8 24 21 | 6°37'08 | 25°22 | 20°13 | 22°46 | 21°34 | 27° 6 | 23° 7 | 2°44 | 18°43 | 11°58 | 16° 5 | 17°13 | 22° 0 | 21°45 | T 27 |
| W28 | 8 28 18 | 7°38'09 | 8♍43 | 21°51 | 23°52 | 22°16 | 27°13 | 23° 4 | 2°48 | 18°42 | 11°57 | 15°57 | 17° 9 | 22° 7 | 21°47 | W28 |
| T 29 | 8 32 14 | 8°39'10 | 21°41 | 23°29 | 24°58 | 22°57 | 27°20 | 23° 1 | 2°52 | 18°40 | 11°56 | 15°51 | 17° 6 | 22°14 | 21°48 | T 29 |
| F 30 | 8 36 11 | 9°40'11 | 4♎16 | 25° 5 | 26° 3 | 23°38 | 27°28 | 22°59 | 2°55 | 18°38 | 11°55 | 15°49 | 17° 3 | 22°20 | 21°50 | F 30 |
| S 31 | 8 40 7 | 10♒41'11 | 16♎33 | 26♒39 | 27♓ 8 | 24♐20 | 27♈36 | 22♊56 | 2♒59 | 18♎37 | 11♋54 | 15°D48 | 17♈ 0 | 22♏27 | 21♈51 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 0 | 8n58 | 2n54 | 24s35 | 1s25 | 15s35 | 1s53 | 20s38 | 0n14 | 8n27 | 1s17 | 21n52 | 1s25 | 20s22 | 0s32 | 15n 2 | 0n 3 | 18n37 | 4s12 | 7n24 | 7n16 | 19s59 | 9n 4 | 0n47 |
| F 2 | 22 55 | 3 9 | 1 56 | 24 34 | 1 30 | 15 10 | 1 51 | 20 46 | 0 14 | 8 28 | 1 17 | 21 52 | 1 25 | 20 21 | 0 32 | 15 3 | 0 3 | 18 37 | 4 12 | 7 23 | 7 15 | 20 2 | 9 4 | 0 46 |
| S 3 | 22 50 | 2s38 | 0 54 | 24 32 | 1 35 | 14 44 | 1 49 | 20 54 | 0 13 | 8 29 | 1 16 | 21 52 | 1 25 | 20 20 | 0 32 | 15 3 | 0 3 | 18 38 | 4 12 | 7 23 | 7 14 | 20 4 | 9 4 | 0 46 |
| S 4 | 22 44 | 8 14 | 0s10 | 24 28 | 1 39 | 14 18 | 1 47 | 21 2 | 0 12 | 8 31 | 1 16 | 21 52 | 1 25 | 20 20 | 0 32 | 15 3 | 0 3 | 18 38 | 4 12 | 7 23 | 7 12 | 20 7 | 9 3 | 0 46 |
| M 5 | 22 38 | 13 28 | 1 12 | 24 22 | 1 43 | 13 52 | 1 45 | 21 10 | 0 12 | 8 32 | 1 16 | 21 52 | 1 25 | 20 19 | 0 32 | 15 4 | 0 3 | 18 38 | 4 12 | 7 23 | 7 11 | 20 9 | 9 3 | 0 46 |
| T 6 | 22 31 | 18 11 | 2 10 | 24 15 | 1 47 | 13 25 | 1 42 | 21 17 | 0 11 | 8 33 | 1 15 | 21 52 | 1 24 | 20 18 | 0 32 | 15 4 | 0 3 | 18 38 | 4 12 | 7 22 | 7 10 | 20 12 | 9 3 | 0 46 |
| W 7 | 22 24 | 22 13 | 3 3 | 24 7 | 1 50 | 12 58 | 1 40 | 21 24 | 0 10 | 8 35 | 1 15 | 21 52 | 1 24 | 20 17 | 0 32 | 15 5 | 0 3 | 18 38 | 4 12 | 7 20 | 7 9 | 20 14 | 9 3 | 0 46 |
| T 8 | 22 17 | 25 22 | 3 49 | 23 57 | 1 54 | 12 31 | 1 37 | 21 31 | 0 10 | 8 37 | 1 15 | 21 52 | 1 24 | 20 17 | 0 32 | 15 5 | 0 3 | 18 38 | 4 12 | 7 18 | 7 8 | 20 17 | 9 3 | 0 46 |
| F 9 | 22 9 | 27 25 | 4 24 | 23 46 | 1 56 | 12 4 | 1 34 | 21 38 | 0 9 | 8 38 | 1 14 | 21 52 | 1 24 | 20 16 | 0 32 | 15 6 | 0 3 | 18 39 | 4 12 | 7 14 | 7 6 | 20 19 | 9 3 | 0 46 |
| S 10 | 22 0 | 28 10 | 4 48 | 23 34 | 1 59 | 11 36 | 1 31 | 21 45 | 0 8 | 8 40 | 1 14 | 21 52 | 1 24 | 20 15 | 0 32 | 15 6 | 0 3 | 18 39 | 4 11 | 7 9 | 7 5 | 20 22 | 9 4 | 0 45 |
| S 11 | 21 51 | 27 31 | 4 59 | 23 19 | 2 1 | 11 8 | 1 28 | 21 52 | 0 8 | 8 42 | 1 14 | 21 52 | 1 24 | 20 14 | 0 32 | 15 7 | 0 3 | 18 39 | 4 11 | 7 3 | 7 4 | 20 24 | 9 4 | 0 45 |
| M12 | 21 42 | 25 26 | 4 55 | 23 4 | 2 3 | 10 40 | 1 25 | 21 58 | 0 7 | 8 44 | 1 14 | 21 52 | 1 23 | 20 14 | 0 32 | 15 7 | 0 3 | 18 39 | 4 11 | 6 58 | 7 3 | 20 27 | 9 4 | 0 45 |
| T 13 | 21 32 | 22 1 | 4 36 | 22 47 | 2 5 | 10 11 | 1 22 | 22 4 | 0 6 | 8 46 | 1 13 | 21 52 | 1 23 | 20 13 | 0 32 | 15 7 | 0 3 | 18 39 | 4 11 | 6 53 | 7 2 | 20 30 | 9 4 | 0 45 |
| W14 | 21 22 | 17 28 | 4 3 | 22 28 | 2 6 | 9 42 | 1 19 | 22 10 | 0 6 | 8 48 | 1 13 | 21 52 | 1 23 | 20 12 | 0 32 | 15 8 | 0 3 | 18 39 | 4 11 | 6 48 | 7 0 | 20 32 | 9 4 | 0 45 |
| T 15 | 21 12 | 12 1 | 3 16 | 22 8 | 2 7 | 9 13 | 1 15 | 22 16 | 0 5 | 8 50 | 1 13 | 21 52 | 1 23 | 20 11 | 0 32 | 15 8 | 0 4 | 18 40 | 4 11 | 6 45 | 6 59 | 20 35 | 9 4 | 0 45 |
| F 16 | 21 1 | 5 58 | 2 17 | 21 47 | 2 8 | 8 44 | 1 12 | 22 22 | 0 4 | 8 52 | 1 12 | 21 52 | 1 23 | 20 10 | 0 32 | 15 9 | 0 4 | 18 40 | 4 11 | 6 43 | 6 58 | 20 37 | 9 4 | 0 45 |
| S 17 | 20 49 | 0n27 | 1 10 | 21 24 | 2 8 | 8 15 | 1 8 | 22 27 | 0 4 | 8 55 | 1 12 | 21 52 | 1 23 | 20 10 | 0 32 | 15 9 | 0 4 | 18 40 | 4 11 | 6 43 | 6 57 | 20 40 | 9 5 | 0 45 |
| S 18 | 20 37 | 6 56 | 0n 3 | 20 59 | 2 7 | 7 46 | 1 4 | 22 32 | 0 3 | 8 57 | 1 12 | 21 52 | 1 22 | 20 9 | 0 32 | 15 10 | 0 4 | 18 40 | 4 11 | 6 42 | 6 56 | 20 42 | 9 5 | 0 45 |
| M19 | 20 25 | 13 10 | 1 16 | 20 34 | 2 6 | 7 16 | 1 0 | 22 37 | 0 2 | 8 59 | 1 12 | 21 52 | 1 22 | 20 8 | 0 32 | 15 10 | 0 4 | 18 40 | 4 11 | 6 42 | 6 54 | 20 45 | 9 5 | 0 44 |
| T 20 | 20 13 | 18 48 | 2 25 | 20 6 | 2 5 | 6 46 | 0 56 | 22 42 | 0 2 | 9 2 | 1 11 | 21 52 | 1 22 | 20 7 | 0 32 | 15 11 | 0 4 | 18 41 | 4 11 | 6 42 | 6 53 | 20 47 | 9 5 | 0 44 |
| W21 | 20 0 | 23 27 | 3 26 | 19 38 | 2 3 | 6 16 | 0 52 | 22 47 | 0 1 | 9 4 | 1 11 | 21 52 | 1 22 | 20 6 | 0 32 | 15 11 | 0 4 | 18 41 | 4 11 | 6 41 | 6 52 | 20 49 | 9 6 | 0 44 |
| T 22 | 19 47 | 26 41 | 4 14 | 19 7 | 2 0 | 5 46 | 0 48 | 22 51 | 0 0 | 9 7 | 1 11 | 21 52 | 1 22 | 20 6 | 0 32 | 15 12 | 0 4 | 18 41 | 4 11 | 6 39 | 6 51 | 20 52 | 9 6 | 0 44 |
| F 23 | 19 33 | 28 10 | 4 47 | 18 36 | 1 57 | 5 16 | 0 43 | 22 55 | 0s 0 | 9 9 | 1 10 | 21 52 | 1 21 | 20 5 | 0 32 | 15 12 | 0 4 | 18 41 | 4 10 | 6 36 | 6 50 | 20 54 | 9 6 | 0 44 |
| S 24 | 19 19 | 27 43 | 5 1 | 18 3 | 1 54 | 4 46 | 0 39 | 23 0 | 0 1 | 9 12 | 1 10 | 21 52 | 1 21 | 20 4 | 0 32 | 15 13 | 0 4 | 18 41 | 4 10 | 6 32 | 6 48 | 20 57 | 9 7 | 0 44 |
| S 25 | 19 4 | 25 26 | 4 56 | 17 29 | 1 50 | 4 16 | 0 34 | 23 3 | 0 2 | 9 15 | 1 10 | 21 52 | 1 21 | 20 3 | 0 32 | 15 13 | 0 4 | 18 41 | 4 10 | 6 27 | 6 47 | 20 59 | 9 7 | 0 44 |
| M26 | 18 50 | 21 37 | 4 33 | 16 53 | 1 45 | 3 45 | 0 30 | 23 7 | 0 3 | 9 17 | 1 10 | 21 52 | 1 21 | 20 2 | 0 32 | 15 14 | 0 4 | 18 42 | 4 10 | 6 23 | 6 46 | 21 2 | 9 7 | 0 44 |
| T 27 | 18 35 | 16 43 | 3 54 | 16 17 | 1 39 | 3 15 | 0 25 | 23 10 | 0 3 | 9 20 | 1 9 | 21 52 | 1 21 | 20 2 | 0 32 | 15 14 | 0 4 | 18 42 | 4 10 | 6 19 | 6 45 | 21 4 | 9 8 | 0 43 |
| W28 | 18 19 | 11 7 | 3 4 | 15 39 | 1 33 | 2 44 | 0 20 | 23 14 | 0 4 | 9 23 | 1 9 | 21 52 | 1 20 | 20 1 | 0 32 | 15 15 | 0 4 | 18 42 | 4 10 | 6 16 | 6 43 | 21 7 | 9 8 | 0 43 |
| T 29 | 18 4 | 5 12 | 2 5 | 15 1 | 1 26 | 2 14 | 0 15 | 23 17 | 0 5 | 9 26 | 1 9 | 21 52 | 1 20 | 20 0 | 0 32 | 15 15 | 0 4 | 18 42 | 4 10 | 6 14 | 6 42 | 21 9 | 9 9 | 0 43 |
| F 30 | 17 47 | 0s45 | 1 1 | 14 22 | 1 18 | 1 43 | 0 10 | 23 20 | 0 5 | 9 29 | 1 9 | 21 52 | 1 20 | 19 59 | 0 32 | 15 16 | 0 4 | 18 42 | 4 10 | 6 13 | 6 41 | 21 12 | 9 9 | 0 43 |
| S 31 | 17s31 | 6s33 | 0s 4 | 13s42 | 1s 9 | 1s13 | 0s 5 | 23s22 | 0s 6 | 9n32 | 1s 8 | 21n52 | 1s20 | 19s58 | 0s32 | 15n16 | 0n 4 | 18n43 | 4s10 | 6n12 | 6n40 | 21s14 | 9n10 | 0n43 |

Julian Day Number = 2603120.5, Delta T = 09m22s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'32, Lahiri = 29°39'34


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## FEBRUARY 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 44 4 | 11♒42'10 | 28♎35 | 28♒11 | 28♓13 | 25♐ 1 | 27♈44 | 22°R54 | 3♒ 2 | 18°R35 | 11°R53 | 15♈49 | 16♈57 | 22♏34 | 21♈53 | S 1 |
| M 2 | 8 48 0 | 12°43'09 | 10♏27 | 29°41 | 29°17 | 25°43 | 27°52 | 22♊51 | 3° 6 | 18♌33 | 11♋52 | 15°R49 | 16°53 | 22°40 | 21°55 | M 2 |
| T 3 | 8 51 57 | 13°44'08 | 22°16 | 1♓ 7 | 0♈21 | 26°24 | 28° 0 | 22°49 | 3° 9 | 18°32 | 11°51 | 15°49 | 16°50 | 22°47 | 21°57 | T 3 |
| W 4 | 8 55 54 | 14°45'06 | 4♐ 6 | 2°30 | 1°25 | 27° 6 | 28° 8 | 22°47 | 3°13 | 18°30 | 11°50 | 15°46 | 16°47 | 22°54 | 21°58 | W 4 |
| T 5 | 8 59 50 | 15°46'03 | 16° 3 | 3°48 | 2°29 | 27°47 | 28°17 | 22°45 | 3°16 | 18°28 | 11°49 | 15°42 | 16°44 | 23° 0 | 22° 0 | T 5 |
| F 6 | 9 3 47 | 16°47'00 | 28°11 | 5° 1 | 3°32 | 28°29 | 28°26 | 22°43 | 3°20 | 18°26 | 11°48 | 15°35 | 16°41 | 23° 7 | 22° 2 | F 6 |
| S 7 | 9 7 43 | 17°47'56 | 10♑34 | 6° 8 | 4°35 | 29°11 | 28°34 | 22°41 | 3°23 | 18°25 | 11°47 | 15°26 | 16°38 | 23°14 | 22° 4 | S 7 |
| S 8 | 9 11 40 | 18°48'51 | 23°13 | 7° 9 | 5°37 | 29°52 | 28°43 | 22°40 | 3°27 | 18°23 | 11°46 | 15°16 | 16°34 | 23°20 | 22° 6 | S 8 |
| M 9 | 9 15 36 | 19°49'46 | 6♒ 9 | 8° 2 | 6°39 | 0♑34 | 28°52 | 22°38 | 3°30 | 18°21 | 11°45 | 15° 5 | 16°31 | 23°27 | 22° 8 | M 9 |
| T 10 | 9 19 33 | 20°50'39 | 19°23 | 8°47 | 7°41 | 1°15 | 29° 2 | 22°37 | 3°33 | 18°20 | 11°44 | 14°55 | 16°28 | 23°34 | 22°10 | T 10 |
| W11 | 9 23 29 | 21°51'31 | 2♓51 | 9°23 | 8°42 | 1°57 | 29°11 | 22°35 | 3°37 | 18°18 | 11°43 | 14°47 | 16°25 | 23°40 | 22°13 | W11 |
| T 12 | 9 27 26 | 22°52'22 | 16°33 | 9°49 | 9°43 | 2°39 | 29°20 | 22°34 | 3°40 | 18°16 | 11°42 | 14°41 | 16°22 | 23°47 | 22°15 | T 12 |
| F 13 | 9 31 23 | 23°53'12 | 0♈24 | 10° 5 | 10°44 | 3°21 | 29°30 | 22°33 | 3°44 | 18°15 | 11°41 | 14°38 | 16°19 | 23°54 | 22°17 | F 13 |
| S 14 | 9 35 19 | 24°54'00 | 14°22 | 10°R10 | 11°44 | 4° 2 | 29°40 | 22°32 | 3°47 | 18°13 | 11°41 | 14°D37 | 16°15 | 24° 1 | 22°20 | S 14 |
| S 15 | 9 39 16 | 25°54'47 | 28°24 | 10° 5 | 12°43 | 4°44 | 29°50 | 22°31 | 3°50 | 18°11 | 11°40 | 14°38 | 16°12 | 24° 7 | 22°22 | S 15 |
| M16 | 9 43 12 | 26°55'32 | 12♉30 | 9°48 | 13°42 | 5°26 | 29°59 | 22°30 | 3°54 | 18°10 | 11°39 | 14°39 | 16° 9 | 24°14 | 22°24 | M16 |
| T 17 | 9 47 9 | 27°56'16 | 26°37 | 9°21 | 14°41 | 6° 8 | 0♉10 | 22°30 | 3°57 | 18° 8 | 11°38 | 14°R39 | 16° 6 | 24°21 | 22°27 | T 17 |
| W18 | 9 51 5 | 28°56'58 | 10♊45 | 8°44 | 15°39 | 6°50 | 0°20 | 22°29 | 4° 0 | 18° 6 | 11°37 | 14°39 | 16° 3 | 24°27 | 22°29 | W18 |
| T 19 | 9 55 2 | 29°57'39 | 24°52 | 7°58 | 16°37 | 7°31 | 0°30 | 22°29 | 4° 4 | 18° 5 | 11°37 | 14°36 | 15°59 | 24°34 | 22°32 | T 19 |
| F 20 | 9 58 58 | 0♓58'18 | 8♋56 | 7° 4 | 17°34 | 8°13 | 0°41 | 22°28 | 4° 7 | 18° 3 | 11°36 | 14°32 | 15°56 | 24°41 | 22°34 | F 20 |
| S 21 | 10 2 55 | 1°58'56 | 22°53 | 6° 3 | 18°30 | 8°55 | 0°51 | 22°28 | 4°10 | 18° 1 | 11°35 | 14°25 | 15°53 | 24°47 | 22°37 | S 21 |
| S 22 | 10 6 52 | 2°59'32 | 6♌42 | 4°58 | 19°26 | 9°37 | 1° 2 | 22°D28 | 4°13 | 18° 0 | 11°34 | 14°18 | 15°50 | 24°54 | 22°40 | S 22 |
| M23 | 10 10 48 | 4° 0'06 | 20°19 | 3°51 | 20°21 | 10°19 | 1°13 | 22°28 | 4°17 | 17°58 | 11°34 | 14°11 | 15°47 | 25° 1 | 22°42 | M23 |
| T 24 | 10 14 45 | 5° 0'39 | 3♍41 | 2°42 | 21°16 | 11° 1 | 1°23 | 22°28 | 4°20 | 17°57 | 11°33 | 14° 5 | 15°44 | 25° 7 | 22°45 | T 24 |
| W25 | 10 18 41 | 6° 1'10 | 16°45 | 1°34 | 22°10 | 11°43 | 1°34 | 22°28 | 4°23 | 17°55 | 11°32 | 14° 0 | 15°40 | 25°14 | 22°48 | W25 |
| T 26 | 10 22 38 | 7° 1'39 | 29°32 | 0°28 | 23° 3 | 12°25 | 1°45 | 22°29 | 4°26 | 17°53 | 11°32 | 13°57 | 15°37 | 25°21 | 22°51 | T 26 |
| F 27 | 10 26 34 | 8° 2'08 | 12♎ 2 | 29♒27 | 23°56 | 13° 7 | 1°57 | 22°29 | 4°29 | 17°52 | 11°31 | 13°D56 | 15°34 | 25°27 | 22°54 | F 27 |
| S 28 | 10 30 31 | 9♓ 2'35 | 24♎17 | 28♒30 | 24♈48 | 13♑49 | 2♉ 8 | 22♊30 | 4♒32 | 17♌50 | 11♋31 | 13♈57 | 15♈31 | 25♏34 | 22♈56 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s14 | 12s 0 | 1s 8 | 13s 1 | 1s 0 | 0s42 | 0n 0 | 23s25 | 0s 7 | 9n35 | 1s 8 | 21n52 | 1s20 | 19s58 | 0s32 | 15n17 | 0n 4 | 18n43 | 4s10 | 6n13 | 6n39 | 21s16 | 9n10 | 0n43 |
| M 2 | 16 57 | 16 57 | 2 8 | 12 20 | 0 50 | 0 12 | 0 6 | 23 27 | 0 8 | 9 38 | 1 8 | 21 52 | 1 19 | 19 57 | 0 32 | 15 18 | 0 4 | 18 43 | 4 9 | 6 13 | 6 37 | 21 19 | 9 11 | 0 43 |
| T 3 | 16 40 | 21 14 | 3 2 | 11 39 | 0 39 | 0n19 | 0 11 | 23 29 | 0 8 | 9 41 | 1 8 | 21 53 | 1 19 | 19 56 | 0 32 | 15 18 | 0 4 | 18 43 | 4 9 | 6 13 | 6 36 | 21 21 | 9 11 | 0 43 |
| W 4 | 16 22 | 24 40 | 3 48 | 10 59 | 0 27 | 0 49 | 0 17 | 23 31 | 0 9 | 9 45 | 1 7 | 21 53 | 1 19 | 19 55 | 0 32 | 15 19 | 0 4 | 18 43 | 4 9 | 6 12 | 6 35 | 21 24 | 9 12 | 0 43 |
| T 5 | 16 5 | 27 3 | 4 25 | 10 19 | 0 14 | 1 20 | 0 23 | 23 32 | 0 10 | 9 48 | 1 7 | 21 53 | 1 19 | 19 54 | 0 32 | 15 19 | 0 4 | 18 44 | 4 9 | 6 10 | 6 34 | 21 26 | 9 13 | 0 42 |
| F 6 | 15 46 | 28 13 | 4 51 | 9 40 | 0 1 | 1 50 | 0 28 | 23 34 | 0 11 | 9 51 | 1 7 | 21 53 | 1 19 | 19 54 | 0 32 | 15 20 | 0 4 | 18 44 | 4 9 | 6 7 | 6 33 | 21 28 | 9 13 | 0 42 |
| S 7 | 15 28 | 28 1 | 5 4 | 9 2 | 0n14 | 2 20 | 0 34 | 23 35 | 0 12 | 9 54 | 1 7 | 21 53 | 1 18 | 19 53 | 0 32 | 15 20 | 0 4 | 18 44 | 4 9 | 6 4 | 6 31 | 21 31 | 9 14 | 0 42 |
| S 8 | 15 9 | 26 21 | 5 2 | 8 25 | 0 29 | 2 51 | 0 40 | 23 36 | 0 12 | 9 58 | 1 6 | 21 53 | 1 18 | 19 52 | 0 32 | 15 21 | 0 4 | 18 44 | 4 9 | 6 0 | 6 30 | 21 33 | 9 14 | 0 42 |
| M 9 | 14 50 | 23 17 | 4 45 | 7 51 | 0 44 | 3 21 | 0 46 | 23 36 | 0 13 | 10 1 | 1 6 | 21 53 | 1 18 | 19 51 | 0 32 | 15 21 | 0 4 | 18 44 | 4 9 | 5 56 | 6 29 | 21 36 | 9 15 | 0 42 |
| T 10 | 14 31 | 18 58 | 4 12 | 7 19 | 1 1 | 3 51 | 0 53 | 23 37 | 0 14 | 10 5 | 1 6 | 21 53 | 1 18 | 19 50 | 0 32 | 15 22 | 0 4 | 18 45 | 4 9 | 5 52 | 6 28 | 21 38 | 9 16 | 0 42 |
| W11 | 14 11 | 13 37 | 3 25 | 6 51 | 1 17 | 4 21 | 0 59 | 23 37 | 0 15 | 10 8 | 1 6 | 21 54 | 1 17 | 19 50 | 0 32 | 15 22 | 0 4 | 18 45 | 4 8 | 5 49 | 6 26 | 21 40 | 9 17 | 0 42 |
| T 12 | 13 52 | 7 32 | 2 25 | 6 25 | 1 34 | 4 50 | 1 5 | 23 37 | 0 16 | 10 12 | 1 5 | 21 54 | 1 17 | 19 49 | 0 32 | 15 23 | 0 4 | 18 45 | 4 8 | 5 47 | 6 25 | 21 43 | 9 17 | 0 42 |
| F 13 | 13 32 | 1 0 | 1 16 | 6 4 | 1 51 | 5 20 | 1 12 | 23 37 | 0 16 | 10 15 | 1 5 | 21 54 | 1 17 | 19 48 | 0 32 | 15 23 | 0 4 | 18 45 | 4 8 | 5 45 | 6 24 | 21 45 | 9 18 | 0 42 |
| S 14 | 13 12 | 5n38 | 0 1 | 5 47 | 2 7 | 5 50 | 1 18 | 23 37 | 0 17 | 10 19 | 1 5 | 21 54 | 1 17 | 19 47 | 0 32 | 15 24 | 0 4 | 18 45 | 4 8 | 5 45 | 6 23 | 21 47 | 9 19 | 0 41 |
| S 15 | 12 51 | 12 2 | 1n14 | 5 34 | 2 23 | 6 19 | 1 25 | 23 36 | 0 18 | 10 23 | 1 5 | 21 54 | 1 17 | 19 47 | 0 32 | 15 24 | 0 4 | 18 46 | 4 8 | 5 45 | 6 22 | 21 50 | 9 20 | 0 41 |
| M16 | 12 31 | 17 51 | 2 25 | 5 26 | 2 39 | 6 48 | 1 31 | 23 35 | 0 19 | 10 26 | 1 5 | 21 54 | 1 16 | 19 46 | 0 32 | 15 25 | 0 4 | 18 46 | 4 8 | 5 46 | 6 20 | 21 52 | 9 20 | 0 41 |
| T 17 | 12 10 | 22 43 | 3 27 | 5 23 | 2 53 | 7 17 | 1 38 | 23 34 | 0 20 | 10 30 | 1 4 | 21 55 | 1 16 | 19 45 | 0 32 | 15 25 | 0 4 | 18 46 | 4 8 | 5 46 | 6 19 | 21 54 | 9 21 | 0 41 |
| W18 | 11 49 | 26 15 | 4 17 | 5 24 | 3 6 | 7 46 | 1 45 | 23 33 | 0 20 | 10 34 | 1 4 | 21 55 | 1 16 | 19 44 | 0 32 | 15 26 | 0 4 | 18 46 | 4 8 | 5 46 | 6 18 | 21 57 | 9 22 | 0 41 |
| T 19 | 11 28 | 28 8 | 4 51 | 5 31 | 3 17 | 8 14 | 1 52 | 23 32 | 0 21 | 10 38 | 1 4 | 21 55 | 1 16 | 19 44 | 0 32 | 15 26 | 0 4 | 18 46 | 4 7 | 5 45 | 6 17 | 21 59 | 9 23 | 0 41 |
| F 20 | 11 6 | 28 12 | 5 7 | 5 42 | 3 27 | 8 43 | 1 59 | 23 30 | 0 22 | 10 41 | 1 4 | 21 55 | 1 15 | 19 43 | 0 32 | 15 27 | 0 4 | 18 47 | 4 7 | 5 43 | 6 15 | 22 1 | 9 24 | 0 41 |
| S 21 | 10 45 | 26 28 | 5 5 | 5 57 | 3 34 | 9 11 | 2 6 | 23 28 | 0 23 | 10 45 | 1 3 | 21 55 | 1 15 | 19 42 | 0 33 | 15 28 | 0 4 | 18 47 | 4 7 | 5 40 | 6 14 | 22 4 | 9 25 | 0 41 |
| S 22 | 10 23 | 23 10 | 4 46 | 6 16 | 3 39 | 9 39 | 2 13 | 23 26 | 0 24 | 10 49 | 1 3 | 21 56 | 1 15 | 19 41 | 0 33 | 15 28 | 0 4 | 18 47 | 4 7 | 5 38 | 6 13 | 22 6 | 9 25 | 0 41 |
| M23 | 10 1 | 18 38 | 4 10 | 6 38 | 3 42 | 10 6 | 2 20 | 23 24 | 0 25 | 10 53 | 1 3 | 21 56 | 1 15 | 19 41 | 0 33 | 15 29 | 0 4 | 18 47 | 4 7 | 5 35 | 6 12 | 22 8 | 9 26 | 0 40 |
| T 24 | 9 39 | 13 16 | 3 21 | 7 2 | 3 42 | 10 33 | 2 28 | 23 21 | 0 26 | 10 57 | 1 3 | 21 56 | 1 14 | 19 40 | 0 33 | 15 29 | 0 4 | 18 47 | 4 7 | 5 33 | 6 11 | 22 11 | 9 27 | 0 40 |
| W25 | 9 17 | 7 24 | 2 22 | 7 28 | 3 40 | 11 0 | 2 35 | 23 19 | 0 27 | 11 1 | 1 3 | 21 56 | 1 14 | 19 39 | 0 33 | 15 30 | 0 4 | 18 47 | 4 7 | 5 31 | 6 9 | 22 13 | 9 28 | 0 40 |
| T 26 | 8 55 | 1 22 | 1 18 | 7 55 | 3 36 | 11 27 | 2 42 | 23 16 | 0 27 | 11 5 | 1 2 | 21 57 | 1 14 | 19 38 | 0 33 | 15 30 | 0 4 | 18 48 | 4 7 | 5 30 | 6 8 | 22 15 | 9 29 | 0 40 |
| F 27 | 8 32 | 4s35 | 0 10 | 8 22 | 3 30 | 11 54 | 2 50 | 23 13 | 0 28 | 11 9 | 1 2 | 21 57 | 1 14 | 19 38 | 0 33 | 15 31 | 0 4 | 18 48 | 4 6 | 5 29 | 6 7 | 22 18 | 9 30 | 0 40 |
| S 28 | 8s10 | 10s16 | 0s56 | 8s49 | 3n22 | 12n20 | 2n57 | 23s 9 | 0s29 | 11n13 | 1s 2 | 21n57 | 1s14 | 19s37 | 0s33 | 15n31 | 0n 4 | 18n48 | 4s 6 | 5n29 | 6n 6 | 22s20 | 9n31 | 0n40 |

Julian Day Number = 2603151.5, Delta T = 09m22s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'36, Lahiri = 29°39'38


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## MARCH 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 34 27 | 10♓ 3'00 | 6♏19 | 27°R39 | 25♈39 | 14♑31 | 2♉19 | 22♊30 | 4♒35 | 17°R49 | 11°R30 | 13♈58 | 15♈28 | 25♏41 | 22♈59 | S 1 |
| M 2 | 10 38 24 | 11° 3'24 | 18°13 | 26♒55 | 26°29 | 15°13 | 2°31 | 22°31 | 4°38 | 17♌47 | 11♋29 | 14° 0 | 15°24 | 25°47 | 23° 2 | M 2 |
| T 3 | 10 42 21 | 12° 3'47 | 0♐ 3 | 26°18 | 27°19 | 15°56 | 2°42 | 22°32 | 4°41 | 17°46 | 11°29 | 14° 2 | 15°21 | 25°54 | 23° 5 | T 3 |
| W 4 | 10 46 17 | 13° 4'09 | 11°54 | 25°48 | 28° 8 | 16°38 | 2°54 | 22°33 | 4°44 | 17°44 | 11°28 | 14°R 2 | 15°18 | 26° 1 | 23° 8 | W 4 |
| T 5 | 10 50 14 | 14° 4'29 | 23°52 | 25°26 | 28°55 | 17°20 | 3° 6 | 22°34 | 4°47 | 17°43 | 11°28 | 14° 2 | 15°15 | 26° 7 | 23°11 | T 5 |
| F 6 | 10 54 10 | 15° 4'48 | 6♑ 0 | 25°11 | 29°42 | 18° 2 | 3°17 | 22°35 | 4°50 | 17°41 | 11°27 | 14° 0 | 15°12 | 26°14 | 23°14 | F 6 |
| S 7 | 10 58 7 | 16° 5'05 | 18°24 | 25° 3 | 0♉28 | 18°44 | 3°29 | 22°37 | 4°53 | 17°40 | 11°27 | 13°57 | 15° 9 | 26°21 | 23°18 | S 7 |
| S 8 | 11 2 3 | 17° 5'21 | 1♒ 7 | 25°D 2 | 1°14 | 19°27 | 3°41 | 22°38 | 4°56 | 17°38 | 11°27 | 13°53 | 15° 5 | 26°27 | 23°21 | S 8 |
| M 9 | 11 6 0 | 18° 5'35 | 14°11 | 25° 7 | 1°58 | 20° 9 | 3°53 | 22°40 | 4°59 | 17°37 | 11°26 | 13°49 | 15° 2 | 26°34 | 23°24 | M 9 |
| T 10 | 11 9 56 | 19° 5'48 | 27°36 | 25°18 | 2°41 | 20°51 | 4° 6 | 22°41 | 5° 2 | 17°36 | 11°26 | 13°45 | 14°59 | 26°41 | 23°27 | T 10 |
| W11 | 11 13 53 | 20° 5'58 | 11♓23 | 25°35 | 3°23 | 21°33 | 4°18 | 22°43 | 5° 4 | 17°34 | 11°26 | 13°42 | 14°56 | 26°47 | 23°30 | W11 |
| T 12 | 11 17 50 | 21° 6'08 | 25°27 | 25°58 | 4° 3 | 22°16 | 4°30 | 22°45 | 5° 7 | 17°33 | 11°25 | 13°39 | 14°53 | 26°54 | 23°34 | T 12 |
| F 13 | 11 21 46 | 22° 6'15 | 9♈45 | 26°26 | 4°43 | 22°58 | 4°43 | 22°47 | 5°10 | 17°31 | 11°25 | 13°D39 | 14°50 | 27° 1 | 23°37 | F 13 |
| S 14 | 11 25 43 | 23° 6'20 | 24°11 | 26°58 | 5°21 | 23°40 | 4°55 | 22°49 | 5°12 | 17°30 | 11°25 | 13°39 | 14°46 | 27° 7 | 23°40 | S 14 |
| S 15 | 11 29 39 | 24° 6'24 | 8♉41 | 27°35 | 5°59 | 24°23 | 5° 8 | 22°52 | 5°15 | 17°29 | 11°24 | 13°40 | 14°43 | 27°14 | 23°44 | S 15 |
| M16 | 11 33 36 | 25° 6'25 | 23° 8 | 28°15 | 6°34 | 25° 5 | 5°20 | 22°54 | 5°18 | 17°28 | 11°24 | 13°41 | 14°40 | 27°21 | 23°47 | M16 |
| T 17 | 11 37 32 | 26° 6'24 | 7♊30 | 29° 0 | 7° 9 | 25°48 | 5°33 | 22°56 | 5°20 | 17°26 | 11°24 | 13°42 | 14°37 | 27°28 | 23°50 | T 17 |
| W18 | 11 41 29 | 27° 6'21 | 21°43 | 29°48 | 7°42 | 26°30 | 5°46 | 22°59 | 5°23 | 17°25 | 11°24 | 13°R43 | 14°34 | 27°34 | 23°54 | W18 |
| T 19 | 11 45 25 | 28° 6'16 | 5♋45 | 0♓40 | 8°13 | 27°12 | 5°58 | 23° 1 | 5°25 | 17°24 | 11°24 | 13°43 | 14°30 | 27°41 | 23°57 | T 19 |
| F 20 | 11 49 22 | 29° 6'09 | 19°35 | 1°35 | 8°43 | 27°55 | 6°11 | 23° 4 | 5°28 | 17°23 | 11°23 | 13°42 | 14°27 | 27°48 | 24° 1 | F 20 |
| S 21 | 11 53 19 | 0♈ 6'00 | 3♌12 | 2°32 | 9°12 | 28°37 | 6°24 | 23° 7 | 5°30 | 17°22 | 11°23 | 13°41 | 14°24 | 27°54 | 24° 4 | S 21 |
| S 22 | 11 57 15 | 1° 5'48 | 16°35 | 3°33 | 9°38 | 29°20 | 6°37 | 23°10 | 5°32 | 17°20 | 11°23 | 13°39 | 14°21 | 28° 1 | 24° 8 | S 22 |
| M23 | 12 1 12 | 2° 5'34 | 29°46 | 4°36 | 10° 3 | 0♒ 2 | 6°50 | 23°13 | 5°35 | 17°19 | 11°23 | 13°37 | 14°18 | 28° 8 | 24°11 | M23 |
| T 24 | 12 5 8 | 3° 5'18 | 12♍42 | 5°41 | 10°27 | 0°45 | 7° 3 | 23°16 | 5°37 | 17°18 | 11°23 | 13°36 | 14°15 | 28°14 | 24°15 | T 24 |
| W25 | 12 9 5 | 4° 5'00 | 25°25 | 6°49 | 10°48 | 1°27 | 7°17 | 23°20 | 5°39 | 17°17 | 11°23 | 13°35 | 14°11 | 28°21 | 24°18 | W25 |
| T 26 | 12 13 1 | 5° 4'39 | 7♎56 | 7°58 | 11° 7 | 2°10 | 7°30 | 23°23 | 5°41 | 17°16 | 11°D23 | 13°D34 | 14° 8 | 28°28 | 24°22 | T 26 |
| F 27 | 12 16 58 | 6° 4'17 | 20°14 | 9°10 | 11°25 | 2°52 | 7°43 | 23°26 | 5°44 | 17°15 | 11°23 | 13°34 | 14° 5 | 28°34 | 24°25 | F 27 |
| S 28 | 12 20 54 | 7° 3'53 | 2♏21 | 10°24 | 11°40 | 3°35 | 7°56 | 23°30 | 5°46 | 17°14 | 11°23 | 13°35 | 14° 2 | 28°41 | 24°29 | S 28 |
| S 29 | 12 24 51 | 8° 3'27 | 14°20 | 11°40 | 11°53 | 4°18 | 8°10 | 23°34 | 5°48 | 17°13 | 11°23 | 13°35 | 13°59 | 28°48 | 24°33 | S 29 |
| M30 | 12 28 47 | 9° 3'00 | 26°13 | 12°58 | 12° 4 | 5° 0 | 8°23 | 23°37 | 5°50 | 17°12 | 11°23 | 13°36 | 13°56 | 28°54 | 24°36 | M30 |
| T 31 | 12 32 44 | 10♈ 2'30 | 8♐ 4 | 14♓17 | 12♉13 | 5♒43 | 8♉37 | 23♊41 | 5♒52 | 17♌11 | 11♋23 | 13♈36 | 13♈52 | 29♏ 1 | 24♈40 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s47 | 15s28 | 1s59 | 9s15 | 3n12 | 12n46 | 3n 5 | 23s 6 | 0s30 | 11n17 | 1s 2 | 21n57 | 1s13 | 19s36 | 0s33 | 15n31 | 0n 4 | 18n48 | 4s 6 | 5n30 | 6n 4 | 22s22 | 9n32 | 0n40 |
| M 2 | 7 24 | 20 2 | 2 56 | 9 40 | 3 2 | 13 11 | 3 12 | 23 2 | 0 31 | 11 21 | 1 2 | 21 58 | 1 13 | 19 35 | 0 33 | 15 32 | 0 4 | 18 48 | 4 6 | 5 31 | 6 3 | 22 24 | 9 33 | 0 40 |
| T 3 | 7 1 | 23 48 | 3 46 | 10 3 | 2 50 | 13 36 | 3 20 | 22 58 | 0 32 | 11 25 | 1 1 | 21 58 | 1 13 | 19 35 | 0 33 | 15 32 | 0 4 | 18 49 | 4 6 | 5 31 | 6 2 | 22 27 | 9 34 | 0 40 |
| W 4 | 6 38 | 26 33 | 4 26 | 10 25 | 2 38 | 14 1 | 3 27 | 22 54 | 0 33 | 11 29 | 1 1 | 21 58 | 1 13 | 19 34 | 0 33 | 15 33 | 0 4 | 18 49 | 4 6 | 5 32 | 6 1 | 22 29 | 9 35 | 0 40 |
| T 5 | 6 15 | 28 9 | 4 54 | 10 45 | 2 25 | 14 25 | 3 35 | 22 49 | 0 34 | 11 34 | 1 1 | 21 58 | 1 12 | 19 33 | 0 33 | 15 33 | 0 4 | 18 49 | 4 6 | 5 31 | 6 0 | 22 31 | 9 36 | 0 39 |
| F 6 | 5 52 | 28 25 | 5 10 | 11 2 | 2 11 | 14 49 | 3 43 | 22 45 | 0 35 | 11 38 | 1 1 | 21 59 | 1 12 | 19 33 | 0 33 | 15 34 | 0 4 | 18 49 | 4 5 | 5 31 | 5 58 | 22 33 | 9 37 | 0 39 |
| S 7 | 5 29 | 27 17 | 5 12 | 11 18 | 1 58 | 15 13 | 3 51 | 22 40 | 0 36 | 11 42 | 1 1 | 21 59 | 1 12 | 19 32 | 0 33 | 15 34 | 0 4 | 18 49 | 4 5 | 5 29 | 5 57 | 22 36 | 9 38 | 0 39 |
| S 8 | 5 5 | 24 44 | 4 59 | 11 31 | 1 44 | 15 36 | 3 58 | 22 35 | 0 36 | 11 46 | 1 1 | 21 59 | 1 12 | 19 31 | 0 33 | 15 35 | 0 4 | 18 49 | 4 5 | 5 28 | 5 56 | 22 38 | 9 39 | 0 39 |
| M 9 | 4 42 | 20 51 | 4 31 | 11 42 | 1 30 | 15 59 | 4 6 | 22 30 | 0 37 | 11 50 | 1 0 | 22 0 | 1 12 | 19 31 | 0 33 | 15 35 | 0 4 | 18 50 | 4 5 | 5 26 | 5 55 | 22 40 | 9 40 | 0 39 |
| T 10 | 4 18 | 15 49 | 3 47 | 11 51 | 1 17 | 16 21 | 4 14 | 22 24 | 0 38 | 11 55 | 1 0 | 22 0 | 1 11 | 19 30 | 0 33 | 15 36 | 0 4 | 18 50 | 4 5 | 5 25 | 5 53 | 22 42 | 9 42 | 0 39 |
| W11 | 3 55 | 9 52 | 2 48 | 11 58 | 1 3 | 16 43 | 4 22 | 22 19 | 0 39 | 11 59 | 1 0 | 22 0 | 1 11 | 19 29 | 0 33 | 15 36 | 0 4 | 18 50 | 4 5 | 5 24 | 5 52 | 22 44 | 9 43 | 0 39 |
| T 12 | 3 31 | 3 19 | 1 39 | 12 3 | 0 50 | 17 4 | 4 30 | 22 13 | 0 40 | 12 3 | 1 0 | 22 1 | 1 11 | 19 29 | 0 33 | 15 36 | 0 4 | 18 50 | 4 5 | 5 23 | 5 51 | 22 47 | 9 44 | 0 39 |
| F 13 | 3 8 | 3n32 | 0 21 | 12 6 | 0 37 | 17 25 | 4 37 | 22 7 | 0 41 | 12 8 | 1 0 | 22 1 | 1 11 | 19 28 | 0 33 | 15 37 | 0 4 | 18 50 | 4 4 | 5 22 | 5 50 | 22 49 | 9 45 | 0 39 |
| S 14 | 2 44 | 10 15 | 0n58 | 12 7 | 0 25 | 17 45 | 4 45 | 22 1 | 0 42 | 12 12 | 1 0 | 22 1 | 1 11 | 19 28 | 0 33 | 15 37 | 0 4 | 18 51 | 4 4 | 5 22 | 5 49 | 22 51 | 9 46 | 0 39 |
| S 15 | 2 20 | 16 28 | 2 14 | 12 6 | 0 12 | 18 5 | 4 53 | 21 54 | 0 43 | 12 16 | 0 59 | 22 2 | 1 10 | 19 27 | 0 33 | 15 38 | 0 4 | 18 51 | 4 4 | 5 23 | 5 47 | 22 53 | 9 47 | 0 38 |
| M16 | 1 56 | 21 46 | 3 21 | 12 3 | 0 1 | 18 24 | 5 1 | 21 48 | 0 44 | 12 21 | 0 59 | 22 2 | 1 10 | 19 26 | 0 33 | 15 38 | 0 4 | 18 51 | 4 4 | 5 23 | 5 46 | 22 55 | 9 48 | 0 38 |
| T 17 | 1 33 | 25 43 | 4 15 | 11 58 | 0s11 | 18 43 | 5 8 | 21 41 | 0 45 | 12 25 | 0 59 | 22 2 | 1 10 | 19 26 | 0 33 | 15 38 | 0 4 | 18 51 | 4 4 | 5 24 | 5 45 | 22 58 | 9 50 | 0 38 |
| W18 | 1 9 | 28 0 | 4 53 | 11 51 | 0 22 | 19 1 | 5 16 | 21 34 | 0 46 | 12 29 | 0 59 | 22 3 | 1 10 | 19 25 | 0 33 | 15 39 | 0 4 | 18 51 | 4 4 | 5 24 | 5 44 | 23 0 | 9 51 | 0 38 |
| T 19 | 0 45 | 28 28 | 5 13 | 11 43 | 0 32 | 19 19 | 5 23 | 21 27 | 0 47 | 12 34 | 0 59 | 22 3 | 1 9 | 19 25 | 0 33 | 15 39 | 0 4 | 18 51 | 4 4 | 5 24 | 5 42 | 23 2 | 9 52 | 0 38 |
| F 20 | 0 21 | 27 9 | 5 14 | 11 33 | 0 42 | 19 36 | 5 31 | 21 19 | 0 48 | 12 38 | 0 59 | 22 3 | 1 9 | 19 24 | 0 33 | 15 40 | 0 4 | 18 51 | 4 3 | 5 24 | 5 41 | 23 4 | 9 53 | 0 38 |
| S 21 | 0n 2 | 24 14 | 4 58 | 11 21 | 0 52 | 19 52 | 5 38 | 21 12 | 0 49 | 12 42 | 0 58 | 22 4 | 1 9 | 19 23 | 0 33 | 15 40 | 0 4 | 18 52 | 4 3 | 5 23 | 5 40 | 23 6 | 9 54 | 0 38 |
| S 22 | 0 26 | 20 3 | 4 26 | 11 8 | 1 1 | 20 8 | 5 46 | 21 4 | 0 50 | 12 47 | 0 58 | 22 4 | 1 9 | 19 23 | 0 33 | 15 40 | 0 4 | 18 52 | 4 3 | 5 23 | 5 39 | 23 8 | 9 55 | 0 38 |
| M23 | 0 50 | 14 57 | 3 39 | 10 53 | 1 10 | 20 23 | 5 53 | 20 56 | 0 51 | 12 51 | 0 58 | 22 4 | 1 9 | 19 22 | 0 33 | 15 41 | 0 4 | 18 52 | 4 3 | 5 22 | 5 38 | 23 11 | 9 57 | 0 38 |
| T 24 | 1 14 | 9 17 | 2 43 | 10 37 | 1 18 | 20 37 | 6 0 | 20 48 | 0 52 | 12 56 | 0 58 | 22 5 | 1 8 | 19 22 | 0 33 | 15 41 | 0 4 | 18 52 | 4 3 | 5 21 | 5 36 | 23 13 | 9 58 | 0 38 |
| W25 | 1 37 | 3 20 | 1 39 | 10 19 | 1 26 | 20 50 | 6 7 | 20 39 | 0 53 | 13 0 | 0 58 | 22 5 | 1 8 | 19 21 | 0 33 | 15 41 | 0 4 | 18 52 | 4 3 | 5 21 | 5 35 | 23 15 | 9 59 | 0 38 |
| T 26 | 2 1 | 2s40 | 0 31 | 10 0 | 1 33 | 21 3 | 6 14 | 20 31 | 0 54 | 13 4 | 0 58 | 22 5 | 1 8 | 19 21 | 0 33 | 15 42 | 0 4 | 18 52 | 4 3 | 5 21 | 5 34 | 23 17 | 10 0 | 0 37 |
| F 27 | 2 24 | 8 27 | 0s37 | 9 39 | 1 40 | 21 15 | 6 20 | 20 22 | 0 55 | 13 9 | 0 58 | 22 6 | 1 8 | 19 20 | 0 33 | 15 42 | 0 4 | 18 53 | 4 2 | 5 21 | 5 33 | 23 19 | 10 2 | 0 37 |
| S 28 | 2 48 | 13 52 | 1 42 | 9 17 | 1 46 | 21 25 | 6 27 | 20 13 | 0 56 | 13 13 | 0 57 | 22 6 | 1 8 | 19 20 | 0 33 | 15 42 | 0 4 | 18 53 | 4 2 | 5 21 | 5 31 | 23 21 | 10 3 | 0 37 |
| S 29 | 3 11 | 18 42 | 2 43 | 8 54 | 1 52 | 21 36 | 6 33 | 20 4 | 0 57 | 13 18 | 0 57 | 22 7 | 1 7 | 19 19 | 0 33 | 15 43 | 0 4 | 18 53 | 4 2 | 5 21 | 5 30 | 23 23 | 10 4 | 0 37 |
| M30 | 3 35 | 22 45 | 3 35 | 8 29 | 1 58 | 21 45 | 6 39 | 19 55 | 0 58 | 13 22 | 0 57 | 22 7 | 1 7 | 19 19 | 0 33 | 15 43 | 0 4 | 18 53 | 4 2 | 5 21 | 5 29 | 23 25 | 10 5 | 0 37 |
| T 31 | 3n58 | 25s51 | 4s18 | 8s 3 | 2s 3 | 21n53 | 6n45 | 19s46 | 0s59 | 13n26 | 0s57 | 22n 7 | 1s 7 | 19s18 | 0s33 | 15n43 | 0n 4 | 18n53 | 4s 2 | 5n22 | 5n28 | 23s28 | 10n 7 | 0n37 |

Julian Day Number = 2603179.5, Delta T = 09m22s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'40, Lahiri = 29°39'42


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## APRIL 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 36 41 | 11♈ 1'59 | 19♐55 | 15♓39 | 12♉20 | 6♒26 | 8♉50 | 23♊45 | 5♒54 | 17°R11 | 11♋23 | 13♈37 | 13♈49 | 29♏ 8 | 24♈43 | W 1 |
| T 2 | 12 40 37 | 12° 1'26 | 1♑52 | 17° 1 | 12°24 | 7° 8 | 9° 4 | 23°49 | 5°56 | 17♌10 | 11°24 | 13°37 | 13°46 | 29°14 | 24°47 | T 2 |
| F 3 | 12 44 34 | 13° 0'52 | 13°59 | 18°26 | 12°R26 | 7°51 | 9°18 | 23°53 | 5°58 | 17° 9 | 11°24 | 13°37 | 13°43 | 29°21 | 24°51 | F 3 |
| S 4 | 12 48 30 | 14° 0'15 | 26°20 | 19°52 | 12°26 | 8°34 | 9°31 | 23°57 | 6° 0 | 17° 8 | 11°24 | 13°37 | 13°40 | 29°28 | 24°54 | S 4 |
| S 5 | 12 52 27 | 14°59'37 | 9♒ 1 | 21°20 | 12°23 | 9°16 | 9°45 | 24° 2 | 6° 1 | 17° 7 | 11°24 | 13°37 | 13°36 | 29°34 | 24°58 | S 5 |
| M 6 | 12 56 23 | 15°58'57 | 22° 3 | 22°49 | 12°18 | 9°59 | 9°59 | 24° 6 | 6° 3 | 17° 7 | 11°24 | 13°37 | 13°33 | 29°41 | 25° 2 | M 6 |
| T 7 | 13 0 20 | 16°58'15 | 5♓30 | 24°19 | 12°10 | 10°42 | 10°13 | 24°10 | 6° 5 | 17° 6 | 11°25 | 13°37 | 13°30 | 29°48 | 25° 6 | T 7 |
| W 8 | 13 4 16 | 17°57'31 | 19°23 | 25°51 | 12° 0 | 11°24 | 10°26 | 24°15 | 6° 6 | 17° 5 | 11°25 | 13°38 | 13°27 | 29°55 | 25° 9 | W 8 |
| T 9 | 13 8 13 | 18°56'46 | 3♈39 | 27°25 | 11°47 | 12° 7 | 10°40 | 24°20 | 6° 8 | 17° 5 | 11°25 | 13°38 | 13°24 | 0♐ 1 | 25°13 | T 9 |
| F 10 | 13 12 10 | 19°55'58 | 18°15 | 29° 0 | 11°32 | 12°50 | 10°54 | 24°24 | 6°10 | 17° 4 | 11°26 | 13°R38 | 13°21 | 0° 8 | 25°17 | F 10 |
| S 11 | 13 16 6 | 20°55'09 | 3♉ 5 | 0♈37 | 11°15 | 13°33 | 11° 8 | 24°29 | 6°11 | 17° 3 | 11°26 | 13°38 | 13°17 | 0°15 | 25°20 | S 11 |
| S 12 | 13 20 3 | 21°54'17 | 18° 1 | 2°15 | 10°55 | 14°15 | 11°22 | 24°34 | 6°13 | 17° 3 | 11°26 | 13°37 | 13°14 | 0°21 | 25°24 | S 12 |
| M13 | 13 23 59 | 22°53'24 | 2♊54 | 3°54 | 10°33 | 14°58 | 11°36 | 24°39 | 6°14 | 17° 2 | 11°27 | 13°36 | 13°11 | 0°28 | 25°28 | M13 |
| T 14 | 13 27 56 | 23°52'28 | 17°39 | 5°35 | 10° 8 | 15°41 | 11°50 | 24°44 | 6°15 | 17° 2 | 11°27 | 13°35 | 13° 8 | 0°35 | 25°32 | T 14 |
| W15 | 13 31 52 | 24°51'30 | 2♋ 8 | 7°17 | 9°42 | 16°23 | 12° 4 | 24°49 | 6°17 | 17° 2 | 11°28 | 13°34 | 13° 5 | 0°41 | 25°35 | W15 |
| T 16 | 13 35 49 | 25°50'30 | 16°17 | 9° 1 | 9°13 | 17° 6 | 12°18 | 24°54 | 6°18 | 17° 1 | 11°28 | 13°33 | 13° 2 | 0°48 | 25°39 | T 16 |
| F 17 | 13 39 45 | 26°49'27 | 0♌ 6 | 10°47 | 8°43 | 17°49 | 12°32 | 25° 0 | 6°19 | 17° 1 | 11°29 | 13°D33 | 12°58 | 0°55 | 25°43 | F 17 |
| S 18 | 13 43 42 | 27°48'22 | 13°34 | 12°33 | 8°11 | 18°32 | 12°46 | 25° 5 | 6°20 | 17° 0 | 11°29 | 13°34 | 12°55 | 1° 1 | 25°47 | S 18 |
| S 19 | 13 47 39 | 28°47'15 | 26°43 | 14°22 | 7°37 | 19°14 | 13° 1 | 25°10 | 6°22 | 17° 0 | 11°30 | 13°35 | 12°52 | 1° 8 | 25°50 | S 19 |
| M20 | 13 51 35 | 29°46'05 | 9♍35 | 16°12 | 7° 2 | 19°57 | 13°15 | 25°16 | 6°23 | 17° 0 | 11°30 | 13°36 | 12°49 | 1°15 | 25°54 | M20 |
| T 21 | 13 55 32 | 0♉44'53 | 22°12 | 18° 3 | 6°26 | 20°40 | 13°29 | 25°21 | 6°24 | 17° 0 | 11°31 | 13°37 | 12°46 | 1°21 | 25°58 | T 21 |
| W22 | 13 59 28 | 1°43'39 | 4♎36 | 19°56 | 5°50 | 21°23 | 13°43 | 25°27 | 6°25 | 16°59 | 11°32 | 13°38 | 12°42 | 1°28 | 26° 2 | W22 |
| T 23 | 14 3 25 | 2°42'23 | 16°50 | 21°51 | 5°12 | 22° 6 | 13°57 | 25°33 | 6°26 | 16°59 | 11°32 | 13°R38 | 12°39 | 1°35 | 26° 5 | T 23 |
| F 24 | 14 7 21 | 3°41'05 | 28°55 | 23°47 | 4°34 | 22°48 | 14°12 | 25°38 | 6°26 | 16°59 | 11°33 | 13°38 | 12°36 | 1°42 | 26° 9 | F 24 |
| S 25 | 14 11 18 | 4°39'45 | 10♏54 | 25°44 | 3°56 | 23°31 | 14°26 | 25°44 | 6°27 | 16°59 | 11°33 | 13°36 | 12°33 | 1°48 | 26°13 | S 25 |
| S 26 | 14 15 14 | 5°38'23 | 22°48 | 27°43 | 3°19 | 24°14 | 14°40 | 25°50 | 6°28 | 16°59 | 11°34 | 13°33 | 12°30 | 1°55 | 26°16 | S 26 |
| M27 | 14 19 11 | 6°37'00 | 4♐39 | 29°44 | 2°41 | 24°57 | 14°54 | 25°56 | 6°29 | 16°59 | 11°35 | 13°29 | 12°27 | 2° 2 | 26°20 | M27 |
| T 28 | 14 23 8 | 7°35'35 | 16°30 | 1♉45 | 2° 5 | 25°39 | 15° 9 | 26° 2 | 6°30 | 16°D59 | 11°36 | 13°25 | 12°23 | 2° 8 | 26°24 | T 28 |
| W29 | 14 27 4 | 8°34'07 | 28°23 | 3°49 | 1°29 | 26°22 | 15°23 | 26° 8 | 6°30 | 16°59 | 11°36 | 13°21 | 12°20 | 2°15 | 26°28 | W29 |
| T 30 | 14 31 1 | 9♉32'39 | 10♑21 | 5♉53 | 0♉54 | 27♒ 5 | 15♉37 | 26♊14 | 6♒31 | 16♌59 | 11♋37 | 13♈18 | 12♈17 | 2♐22 | 26♈31 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n21 | 27s50 | 4s51 | 7s36 | 2s 7 | 22n 0 | 6n50 | 19s36 | 1s 0 | 13n31 | 0s57 | 22n 8 | 1s 7 | 19s18 | 0s34 | 15n43 | 0n 4 | 18n53 | 4s 2 | 5n22 | 5n26 | 23s30 | 10n 8 | 0n37 |
| T 2 | 4 45 | 28 33 | 5 11 | 7 8 | 2 11 | 22 6 | 6 55 | 19 26 | 1 1 | 13 35 | 0 57 | 22 8 | 1 7 | 19 17 | 0 34 | 15 44 | 0 4 | 18 53 | 4 1 | 5 22 | 5 25 | 23 32 | 10 9 | 0 37 |
| F 3 | 5 8 | 27 55 | 5 17 | 6 38 | 2 15 | 22 11 | 7 0 | 19 16 | 1 2 | 13 40 | 0 57 | 22 9 | 1 6 | 19 17 | 0 34 | 15 44 | 0 4 | 18 54 | 4 1 | 5 22 | 5 24 | 23 34 | 10 10 | 0 37 |
| S 4 | 5 31 | 25 54 | 5 10 | 6 7 | 2 18 | 22 15 | 7 4 | 19 6 | 1 3 | 13 44 | 0 57 | 22 9 | 1 6 | 19 17 | 0 34 | 15 44 | 0 4 | 18 54 | 4 1 | 5 22 | 5 23 | 23 36 | 10 12 | 0 37 |
| S 5 | 5 54 | 22 34 | 4 47 | 5 35 | 2 21 | 22 18 | 7 8 | 18 56 | 1 4 | 13 49 | 0 56 | 22 9 | 1 6 | 19 16 | 0 34 | 15 44 | 0 4 | 18 54 | 4 1 | 5 22 | 5 22 | 23 38 | 10 13 | 0 37 |
| M 6 | 6 16 | 18 3 | 4 9 | 5 2 | 2 23 | 22 20 | 7 11 | 18 46 | 1 6 | 13 53 | 0 56 | 22 10 | 1 6 | 19 16 | 0 34 | 15 45 | 0 4 | 18 54 | 4 1 | 5 22 | 5 20 | 23 40 | 10 14 | 0 37 |
| T 7 | 6 39 | 12 31 | 3 16 | 4 28 | 2 25 | 22 20 | 7 14 | 18 35 | 1 7 | 13 57 | 0 56 | 22 10 | 1 6 | 19 15 | 0 34 | 15 45 | 0 4 | 18 54 | 4 1 | 5 22 | 5 19 | 23 42 | 10 15 | 0 36 |
| W 8 | 7 2 | 6 12 | 2 11 | 3 53 | 2 26 | 22 19 | 7 17 | 18 24 | 1 8 | 14 2 | 0 56 | 22 10 | 1 5 | 19 15 | 0 34 | 15 45 | 0 4 | 18 54 | 4 1 | 5 22 | 5 18 | 23 44 | 10 17 | 0 36 |
| T 9 | 7 24 | 0n36 | 0 55 | 3 16 | 2 27 | 22 17 | 7 19 | 18 13 | 1 9 | 14 6 | 0 56 | 22 11 | 1 5 | 19 15 | 0 34 | 15 45 | 0 4 | 18 54 | 4 0 | 5 22 | 5 17 | 23 46 | 10 18 | 0 36 |
| F 10 | 7 47 | 7 32 | 0n26 | 2 39 | 2 27 | 22 13 | 7 20 | 18 2 | 1 10 | 14 11 | 0 56 | 22 11 | 1 5 | 19 14 | 0 34 | 15 45 | 0 4 | 18 54 | 4 0 | 5 22 | 5 15 | 23 48 | 10 19 | 0 36 |
| S 11 | 8 9 | 14 10 | 1 46 | 2 0 | 2 27 | 22 8 | 7 20 | 17 51 | 1 11 | 14 15 | 0 56 | 22 12 | 1 5 | 19 14 | 0 34 | 15 46 | 0 4 | 18 55 | 4 0 | 5 22 | 5 14 | 23 50 | 10 21 | 0 36 |
| S 12 | 8 31 | 20 2 | 2 59 | 1 21 | 2 26 | 22 2 | 7 20 | 17 40 | 1 12 | 14 20 | 0 56 | 22 12 | 1 5 | 19 14 | 0 34 | 15 46 | 0 4 | 18 55 | 4 0 | 5 22 | 5 13 | 23 52 | 10 22 | 0 36 |
| M13 | 8 53 | 24 37 | 4 0 | 0 40 | 2 25 | 21 54 | 7 20 | 17 29 | 1 13 | 14 24 | 0 56 | 22 12 | 1 4 | 19 13 | 0 34 | 15 46 | 0 4 | 18 55 | 4 0 | 5 21 | 5 12 | 23 54 | 10 23 | 0 36 |
| T 14 | 9 15 | 27 33 | 4 45 | 0n 1 | 2 24 | 21 45 | 7 18 | 17 17 | 1 14 | 14 28 | 0 55 | 22 13 | 1 4 | 19 13 | 0 34 | 15 46 | 0 4 | 18 55 | 4 0 | 5 21 | 5 10 | 23 56 | 10 24 | 0 36 |
| W15 | 9 36 | 28 33 | 5 10 | 0 43 | 2 21 | 21 34 | 7 16 | 17 5 | 1 15 | 14 33 | 0 55 | 22 13 | 1 4 | 19 13 | 0 34 | 15 46 | 0 4 | 18 55 | 4 0 | 5 21 | 5 9 | 23 58 | 10 26 | 0 36 |
| T 16 | 9 58 | 27 38 | 5 16 | 1 27 | 2 19 | 21 22 | 7 13 | 16 53 | 1 16 | 14 37 | 0 55 | 22 14 | 1 4 | 19 12 | 0 34 | 15 46 | 0 4 | 18 55 | 3 59 | 5 20 | 5 8 | 24 0 | 10 27 | 0 36 |
| F 17 | 10 19 | 25 2 | 5 4 | 2 11 | 2 16 | 21 9 | 7 9 | 16 41 | 1 17 | 14 41 | 0 55 | 22 14 | 1 4 | 19 12 | 0 34 | 15 46 | 0 4 | 18 55 | 3 59 | 5 20 | 5 7 | 24 2 | 10 28 | 0 36 |
| S 18 | 10 40 | 21 5 | 4 34 | 2 55 | 2 12 | 20 54 | 7 5 | 16 29 | 1 19 | 14 46 | 0 55 | 22 14 | 1 4 | 19 12 | 0 34 | 15 47 | 0 4 | 18 55 | 3 59 | 5 20 | 5 6 | 24 4 | 10 30 | 0 36 |
| S 19 | 11 1 | 16 12 | 3 51 | 3 41 | 2 8 | 20 38 | 7 0 | 16 17 | 1 20 | 14 50 | 0 55 | 22 15 | 1 3 | 19 12 | 0 34 | 15 47 | 0 4 | 18 55 | 3 59 | 5 21 | 5 4 | 24 6 | 10 31 | 0 36 |
| M20 | 11 22 | 10 42 | 2 57 | 4 28 | 2 3 | 20 20 | 6 53 | 16 5 | 1 21 | 14 54 | 0 55 | 22 15 | 1 3 | 19 11 | 0 34 | 15 47 | 0 4 | 18 55 | 3 59 | 5 21 | 5 3 | 24 8 | 10 32 | 0 36 |
| T 21 | 11 43 | 4 52 | 1 56 | 5 15 | 1 58 | 20 1 | 6 46 | 15 52 | 1 22 | 14 59 | 0 55 | 22 15 | 1 3 | 19 11 | 0 34 | 15 47 | 0 4 | 18 56 | 3 59 | 5 22 | 5 2 | 24 10 | 10 34 | 0 35 |
| W22 | 12 3 | 1s 4 | 0 50 | 6 2 | 1 52 | 19 42 | 6 39 | 15 39 | 1 23 | 15 3 | 0 55 | 22 16 | 1 3 | 19 11 | 0 34 | 15 47 | 0 5 | 18 56 | 3 59 | 5 22 | 5 1 | 24 12 | 10 35 | 0 35 |
| T 23 | 12 23 | 6 52 | 0s18 | 6 51 | 1 46 | 19 21 | 6 30 | 15 27 | 1 24 | 15 7 | 0 55 | 22 16 | 1 3 | 19 11 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 22 | 4 59 | 24 14 | 10 36 | 0 35 |
| F 24 | 12 43 | 12 22 | 1 23 | 7 40 | 1 40 | 18 59 | 6 21 | 15 14 | 1 25 | 15 12 | 0 55 | 22 16 | 1 3 | 19 11 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 22 | 4 58 | 24 16 | 10 37 | 0 35 |
| S 25 | 13 3 | 17 21 | 2 25 | 8 29 | 1 33 | 18 37 | 6 11 | 15 1 | 1 26 | 15 16 | 0 55 | 22 17 | 1 2 | 19 10 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 21 | 4 57 | 24 18 | 10 39 | 0 35 |
| S 26 | 13 22 | 21 38 | 3 19 | 9 19 | 1 25 | 18 13 | 6 0 | 14 48 | 1 28 | 15 20 | 0 54 | 22 17 | 1 2 | 19 10 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 20 | 4 56 | 24 20 | 10 40 | 0 35 |
| M27 | 13 42 | 25 2 | 4 5 | 10 9 | 1 17 | 17 50 | 5 49 | 14 34 | 1 29 | 15 24 | 0 54 | 22 18 | 1 2 | 19 10 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 19 | 4 54 | 24 22 | 10 41 | 0 35 |
| T 28 | 14 1 | 27 21 | 4 40 | 10 59 | 1 9 | 17 26 | 5 37 | 14 21 | 1 30 | 15 29 | 0 54 | 22 18 | 1 2 | 19 10 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 17 | 4 53 | 24 24 | 10 42 | 0 35 |
| W29 | 14 20 | 28 26 | 5 3 | 11 49 | 1 0 | 17 2 | 5 24 | 14 8 | 1 31 | 15 33 | 0 54 | 22 18 | 1 2 | 19 10 | 0 34 | 15 47 | 0 5 | 18 56 | 3 58 | 5 16 | 4 52 | 24 26 | 10 44 | 0 35 |
| T 30 | 14n38 | 28s11 | 5s13 | 12n40 | 0s51 | 16n37 | 5n11 | 13s54 | 1s32 | 15n37 | 0s54 | 22n19 | 1s 2 | 19s10 | 0s35 | 15n47 | 0n 5 | 18n56 | 3s57 | 5n14 | 4n51 | 24s28 | 10n45 | 0n35 |

Julian Day Number = 2603210.5, Delta T = 09m22s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'45, Lahiri = 29°39'46


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## MAY 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 34 57 | 10♉31'08 | 22♊28 | 7♉59 | 0°R21 | 27♒48 | 15♉52 | 26♊21 | 6♒31 | 16♌59 | 11♋38 | 13°R15 | 12♈14 | 2♐28 | 26♈35 | F 1 |
| S 2 | 14 38 54 | 11°29'36 | 4♒47 | 10° 6 | 29♈49 | 28°30 | 16° 6 | 26°27 | 6°32 | 16°59 | 11°39 | 13♈14 | 12°11 | 2°35 | 26°39 | S 2 |
| S 3 | 14 42 50 | 12°28'03 | 17°23 | 12°13 | 29°19 | 29°13 | 16°20 | 26°33 | 6°32 | 16°59 | 11°40 | 13°D14 | 12° 7 | 2°42 | 26°42 | S 3 |
| M 4 | 14 46 47 | 13°26'27 | 0♓19 | 14°22 | 28°50 | 29°56 | 16°35 | 26°40 | 6°33 | 16°59 | 11°40 | 13°15 | 12° 4 | 2°48 | 26°46 | M 4 |
| T 5 | 14 50 43 | 14°24'51 | 13°40 | 16°30 | 28°24 | 0♓39 | 16°49 | 26°46 | 6°33 | 17° 0 | 11°41 | 13°16 | 12° 1 | 2°55 | 26°49 | T 5 |
| W 6 | 14 54 40 | 15°23'12 | 27°28 | 18°40 | 28° 0 | 1°21 | 17° 3 | 26°52 | 6°33 | 17° 0 | 11°42 | 13°18 | 11°58 | 3° 2 | 26°53 | W 6 |
| T 7 | 14 58 37 | 16°21'32 | 11♈43 | 20°49 | 27°38 | 2° 4 | 17°18 | 26°59 | 6°33 | 17° 0 | 11°43 | 13°R18 | 11°55 | 3° 9 | 26°57 | T 7 |
| F 8 | 15 2 33 | 17°19'51 | 26°23 | 22°58 | 27°18 | 2°47 | 17°32 | 27° 6 | 6°34 | 17° 1 | 11°44 | 13°18 | 11°52 | 3°15 | 27° 0 | F 8 |
| S 9 | 15 6 30 | 18°18'08 | 11♉22 | 25° 6 | 27° 1 | 3°29 | 17°46 | 27°12 | 6°34 | 17° 1 | 11°45 | 13°15 | 11°48 | 3°22 | 27° 4 | S 9 |
| S 10 | 15 10 26 | 19°16'23 | 26°33 | 27°14 | 26°46 | 4°12 | 18° 1 | 27°19 | 6°34 | 17° 1 | 11°46 | 13°12 | 11°45 | 3°29 | 27° 7 | S 10 |
| M11 | 15 14 23 | 20°14'37 | 11♊46 | 29°20 | 26°33 | 4°54 | 18°15 | 27°26 | 6°R34 | 17° 2 | 11°47 | 13° 7 | 11°42 | 3°35 | 27°11 | M11 |
| T 12 | 15 18 19 | 21°12'48 | 26°51 | 1♋25 | 26°23 | 5°37 | 18°29 | 27°33 | 6°34 | 17° 2 | 11°48 | 13° 1 | 11°39 | 3°42 | 27°14 | T 12 |
| W13 | 15 22 16 | 22°10'58 | 11♋38 | 3°28 | 26°15 | 6°20 | 18°44 | 27°39 | 6°34 | 17° 3 | 11°49 | 12°56 | 11°36 | 3°49 | 27°18 | W13 |
| T 14 | 15 26 13 | 23° 9'06 | 26° 1 | 5°29 | 26°10 | 7° 2 | 18°58 | 27°46 | 6°34 | 17° 3 | 11°50 | 12°52 | 11°33 | 3°55 | 27°21 | T 14 |
| F 15 | 15 30 9 | 24° 7'13 | 9♌58 | 7°28 | 26° 7 | 7°45 | 19°12 | 27°53 | 6°34 | 17° 4 | 11°51 | 12°49 | 11°29 | 4° 2 | 27°25 | F 15 |
| S 16 | 15 34 6 | 25° 5'17 | 23°28 | 9°25 | 26°D 6 | 8°27 | 19°27 | 28° 0 | 6°33 | 17° 4 | 11°52 | 12°D48 | 11°26 | 4° 9 | 27°28 | S 16 |
| S 17 | 15 38 2 | 26° 3'19 | 6♍33 | 11°19 | 26° 8 | 9°10 | 19°41 | 28° 7 | 6°33 | 17° 5 | 11°53 | 12°49 | 11°23 | 4°15 | 27°32 | S 17 |
| M18 | 15 41 59 | 27° 1'19 | 19°16 | 13°10 | 26°12 | 9°52 | 19°55 | 28°14 | 6°33 | 17° 6 | 11°54 | 12°50 | 11°20 | 4°22 | 27°35 | M18 |
| T 19 | 15 45 55 | 27°59'17 | 1♎42 | 14°58 | 26°18 | 10°35 | 20°10 | 28°21 | 6°32 | 17° 6 | 11°55 | 12°51 | 11°17 | 4°29 | 27°38 | T 19 |
| W20 | 15 49 52 | 28°57'14 | 13°54 | 16°43 | 26°26 | 11°17 | 20°24 | 28°28 | 6°32 | 17° 7 | 11°56 | 12°R52 | 11°13 | 4°36 | 27°42 | W20 |
| T 21 | 15 53 48 | 29°55'09 | 25°57 | 18°24 | 26°37 | 11°59 | 20°38 | 28°36 | 6°32 | 17° 8 | 11°58 | 12°51 | 11°10 | 4°42 | 27°45 | T 21 |
| F 22 | 15 57 45 | 0♊53'02 | 7♏53 | 20° 3 | 26°50 | 12°42 | 20°52 | 28°43 | 6°31 | 17° 8 | 11°59 | 12°48 | 11° 7 | 4°49 | 27°48 | F 22 |
| S 23 | 16 1 41 | 1°50'54 | 19°45 | 21°37 | 27° 4 | 13°24 | 21° 6 | 28°50 | 6°30 | 17° 9 | 12° 0 | 12°42 | 11° 4 | 4°56 | 27°51 | S 23 |
| S 24 | 16 5 38 | 2°48'44 | 1♐36 | 23° 9 | 27°21 | 14° 6 | 21°21 | 28°57 | 6°30 | 17°10 | 12° 1 | 12°35 | 11° 1 | 5° 2 | 27°55 | S 24 |
| M25 | 16 9 35 | 3°46'33 | 13°27 | 24°37 | 27°40 | 14°48 | 21°35 | 29° 5 | 6°29 | 17°11 | 12° 2 | 12°26 | 10°58 | 5° 9 | 27°58 | M25 |
| T 26 | 16 13 31 | 4°44'20 | 25°20 | 26° 1 | 28° 0 | 15°31 | 21°49 | 29°12 | 6°29 | 17°12 | 12° 3 | 12°16 | 10°54 | 5°16 | 28° 1 | T 26 |
| W27 | 16 17 28 | 5°42'07 | 7♑17 | 27°22 | 28°22 | 16°13 | 22° 3 | 29°19 | 6°28 | 17°13 | 12° 5 | 12° 6 | 10°51 | 5°22 | 28° 4 | W27 |
| T 28 | 16 21 24 | 6°39'52 | 19°20 | 28°39 | 28°46 | 16°55 | 22°17 | 29°27 | 6°27 | 17°14 | 12° 6 | 11°57 | 10°48 | 5°29 | 28° 7 | T 28 |
| F 29 | 16 25 21 | 7°37'36 | 1♒30 | 29°53 | 29°12 | 17°37 | 22°31 | 29°34 | 6°26 | 17°15 | 12° 7 | 11°50 | 10°45 | 5°36 | 28°10 | F 29 |
| S 30 | 16 29 17 | 8°35'18 | 13°51 | 1♋ 2 | 29°39 | 18°19 | 22°45 | 29°42 | 6°25 | 17°16 | 12° 8 | 11°45 | 10°42 | 5°43 | 28°13 | S 30 |
| S 31 | 16 33 14 | 9♊33'00 | 26♒27 | 2♋ 8 | 0♉ 8 | 19♓ 1 | 22♉59 | 29♊49 | 6♒24 | 17♌17 | 12♋10 | 11♈42 | 10♈39 | 5♐49 | 28♈16 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14n57 | 26s36 | 5s 9 | 13n30 | 0s41 | 16n13 | 4n58 | 13s40 | 1s33 | 15n41 | 0s54 | 22n19 | 1s 1 | 19s10 | 0s35 | 15n47 | 0n 5 | 18n56 | 3s57 | 5n13 | 4n49 | 24s29 | 10n46 | 0n35 |
| S 2 | 15 15 | 23 45 | 4 52 | 14 19 | 0 31 | 15 49 | 4 44 | 13 27 | 1 34 | 15 45 | 0 54 | 22 19 | 1 1 | 19 10 | 0 35 | 15 47 | 0 5 | 18 56 | 3 57 | 5 13 | 4 48 | 24 31 | 10 48 | 0 35 |
| S 3 | 15 33 | 19 43 | 4 20 | 15 8 | 0 21 | 15 25 | 4 30 | 13 13 | 1 35 | 15 50 | 0 54 | 22 20 | 1 1 | 19 9 | 0 35 | 15 47 | 0 5 | 18 56 | 3 57 | 5 13 | 4 47 | 24 33 | 10 49 | 0 35 |
| M 4 | 15 50 | 14 40 | 3 34 | 15 57 | 0 11 | 15 2 | 4 16 | 12 59 | 1 37 | 15 54 | 0 54 | 22 20 | 1 1 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 57 | 5 13 | 4 46 | 24 35 | 10 50 | 0 35 |
| T 5 | 16 8 | 8 48 | 2 35 | 16 44 | 0 0 | 14 39 | 4 2 | 12 45 | 1 38 | 15 58 | 0 54 | 22 20 | 1 1 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 57 | 5 14 | 4 44 | 24 37 | 10 51 | 0 34 |
| W 6 | 16 25 | 2 19 | 1 26 | 17 31 | 0n11 | 14 17 | 3 47 | 12 31 | 1 39 | 16 2 | 0 54 | 22 20 | 1 1 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 57 | 5 14 | 4 43 | 24 39 | 10 53 | 0 34 |
| T 7 | 16 42 | 4n29 | 0 9 | 18 16 | 0 21 | 13 55 | 3 33 | 12 16 | 1 40 | 16 6 | 0 54 | 22 21 | 1 0 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 57 | 5 14 | 4 42 | 24 41 | 10 54 | 0 34 |
| F 8 | 16 58 | 11 15 | 1n11 | 18 59 | 0 32 | 13 34 | 3 18 | 12 2 | 1 41 | 16 10 | 0 54 | 22 21 | 1 0 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 56 | 5 14 | 4 41 | 24 43 | 10 55 | 0 34 |
| S 9 | 17 14 | 17 32 | 2 27 | 19 41 | 0 42 | 13 15 | 3 4 | 11 48 | 1 42 | 16 14 | 0 54 | 22 21 | 1 0 | 19 9 | 0 35 | 15 47 | 0 5 | 18 57 | 3 56 | 5 13 | 4 40 | 24 44 | 10 56 | 0 34 |
| S 10 | 17 30 | 22 48 | 3 34 | 20 21 | 0 53 | 12 56 | 2 50 | 11 33 | 1 43 | 16 18 | 0 54 | 22 22 | 1 0 | 19 9 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 12 | 4 38 | 24 46 | 10 57 | 0 34 |
| M11 | 17 46 | 26 32 | 4 25 | 20 59 | 1 3 | 12 38 | 2 35 | 11 19 | 1 45 | 16 22 | 0 53 | 22 22 | 1 0 | 19 9 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 10 | 4 37 | 24 48 | 10 59 | 0 34 |
| T 12 | 18 1 | 28 19 | 4 58 | 21 35 | 1 12 | 12 21 | 2 21 | 11 4 | 1 46 | 16 26 | 0 53 | 22 22 | 1 0 | 19 9 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 8 | 4 36 | 24 50 | 11 0 | 0 34 |
| W13 | 18 17 | 28 2 | 5 10 | 22 8 | 1 21 | 12 6 | 2 8 | 10 50 | 1 47 | 16 30 | 0 53 | 22 22 | 1 0 | 19 9 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 6 | 4 35 | 24 52 | 11 1 | 0 34 |
| T 14 | 18 31 | 25 51 | 5 2 | 22 39 | 1 30 | 11 51 | 1 54 | 10 35 | 1 48 | 16 34 | 0 53 | 22 23 | 0 59 | 19 9 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 4 | 4 33 | 24 54 | 11 2 | 0 34 |
| F 15 | 18 46 | 22 9 | 4 36 | 23 8 | 1 38 | 11 38 | 1 41 | 10 20 | 1 49 | 16 38 | 0 53 | 22 23 | 0 59 | 19 10 | 0 35 | 15 46 | 0 5 | 18 57 | 3 56 | 5 3 | 4 32 | 24 55 | 11 3 | 0 34 |
| S 16 | 19 0 | 17 23 | 3 56 | 23 34 | 1 46 | 11 25 | 1 28 | 10 5 | 1 50 | 16 42 | 0 53 | 22 23 | 0 59 | 19 10 | 0 35 | 15 46 | 0 5 | 18 57 | 3 55 | 5 3 | 4 31 | 24 57 | 11 5 | 0 34 |
| S 17 | 19 14 | 11 56 | 3 4 | 23 57 | 1 53 | 11 14 | 1 15 | 9 50 | 1 51 | 16 46 | 0 53 | 22 23 | 0 59 | 19 10 | 0 35 | 15 45 | 0 5 | 18 57 | 3 55 | 5 3 | 4 30 | 24 59 | 11 6 | 0 34 |
| M18 | 19 27 | 6 9 | 2 4 | 24 18 | 1 59 | 11 4 | 1 2 | 9 35 | 1 53 | 16 50 | 0 53 | 22 24 | 0 59 | 19 10 | 0 35 | 15 45 | 0 5 | 18 57 | 3 55 | 5 3 | 4 28 | 25 1 | 11 7 | 0 34 |
| T 19 | 19 40 | 0 15 | 1 0 | 24 36 | 2 5 | 10 55 | 0 50 | 9 20 | 1 54 | 16 54 | 0 53 | 22 24 | 0 59 | 19 10 | 0 35 | 15 45 | 0 5 | 18 57 | 3 55 | 5 4 | 4 27 | 25 3 | 11 8 | 0 34 |
| W20 | 19 53 | 5s34 | 0s 6 | 24 52 | 2 9 | 10 47 | 0 38 | 9 5 | 1 55 | 16 57 | 0 53 | 22 24 | 0 59 | 19 10 | 0 35 | 15 45 | 0 5 | 18 57 | 3 55 | 5 4 | 4 26 | 25 4 | 11 9 | 0 34 |
| T 21 | 20 5 | 11 5 | 1 10 | 25 6 | 2 13 | 10 40 | 0 27 | 8 50 | 1 56 | 17 1 | 0 53 | 22 24 | 0 59 | 19 10 | 0 35 | 15 45 | 0 5 | 18 57 | 3 55 | 5 4 | 4 25 | 25 6 | 11 10 | 0 33 |
| F 22 | 20 17 | 16 10 | 2 11 | 25 17 | 2 16 | 10 34 | 0 16 | 8 35 | 1 57 | 17 5 | 0 53 | 22 24 | 0 58 | 19 10 | 0 35 | 15 44 | 0 5 | 18 57 | 3 55 | 5 3 | 4 23 | 25 8 | 11 11 | 0 33 |
| S 23 | 20 29 | 20 37 | 3 5 | 25 26 | 2 19 | 10 29 | 0 5 | 8 20 | 1 58 | 17 9 | 0 53 | 22 25 | 0 58 | 19 11 | 0 35 | 15 44 | 0 5 | 18 57 | 3 55 | 5 1 | 4 22 | 25 10 | 11 13 | 0 33 |
| S 24 | 20 41 | 24 13 | 3 52 | 25 32 | 2 20 | 10 25 | 0s 5 | 8 5 | 1 59 | 17 12 | 0 53 | 22 25 | 0 58 | 19 11 | 0 35 | 15 44 | 0 5 | 18 57 | 3 54 | 4 58 | 4 21 | 25 11 | 11 14 | 0 33 |
| M25 | 20 52 | 26 48 | 4 28 | 25 37 | 2 20 | 10 23 | 0 16 | 7 50 | 2 1 | 17 16 | 0 53 | 22 25 | 0 58 | 19 11 | 0 35 | 15 44 | 0 5 | 18 57 | 3 54 | 4 54 | 4 20 | 25 13 | 11 15 | 0 33 |
| T 26 | 21 2 | 28 10 | 4 52 | 25 40 | 2 20 | 10 21 | 0 25 | 7 34 | 2 2 | 17 20 | 0 53 | 22 25 | 0 58 | 19 11 | 0 35 | 15 43 | 0 5 | 18 57 | 3 54 | 4 50 | 4 18 | 25 15 | 11 16 | 0 33 |
| W27 | 21 13 | 28 15 | 5 4 | 25 40 | 2 19 | 10 20 | 0 35 | 7 19 | 2 3 | 17 23 | 0 53 | 22 25 | 0 58 | 19 11 | 0 35 | 15 43 | 0 5 | 18 57 | 3 54 | 4 47 | 4 17 | 25 17 | 11 17 | 0 33 |
| T 28 | 21 23 | 26 59 | 5 3 | 25 40 | 2 17 | 10 20 | 0 44 | 7 4 | 2 4 | 17 27 | 0 53 | 22 25 | 0 58 | 19 12 | 0 35 | 15 43 | 0 5 | 18 57 | 3 54 | 4 43 | 4 16 | 25 18 | 11 18 | 0 33 |
| F 29 | 21 32 | 24 27 | 4 48 | 25 37 | 2 14 | 10 21 | 0 53 | 6 48 | 2 5 | 17 31 | 0 53 | 22 26 | 0 58 | 19 12 | 0 36 | 15 43 | 0 5 | 18 57 | 3 54 | 4 40 | 4 15 | 25 20 | 11 19 | 0 33 |
| S 30 | 21 41 | 20 46 | 4 19 | 25 33 | 2 10 | 10 22 | 1 1 | 6 33 | 2 6 | 17 34 | 0 53 | 22 26 | 0 57 | 19 12 | 0 36 | 15 42 | 0 5 | 18 57 | 3 54 | 4 38 | 4 13 | 25 22 | 11 20 | 0 33 |
| S 31 | 21n50 | 16s 5 | 3s38 | 25n27 | 2n 5 | 10n25 | 1s 9 | 6s17 | 2s 7 | 17n38 | 0s53 | 22n26 | 0s57 | 19s12 | 0s36 | 15n42 | 0n 5 | 18n57 | 3s54 | 4n37 | 4n12 | 25s23 | 11n21 | 0n33 |

Julian Day Number = 2603240.5, Delta T = 09m23s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'49, Lahiri = 29°39'50


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## JUNE 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 37 11 | 10♊30'40 | 9♓20 | 3♋10 | 0♉38 | 19♓43 | 23♉13 | 29♊57 | 6°R23 | 17♎18 | 12♋11 | 11°D41 | 10♈35 | 5♐56 | 28♈19 | M 1 |
| T 2 | 16 41 7 | 11°28'20 | 22°34 | 4° 8 | 1°10 | 20°25 | 23°27 | 0♋ 4 | 6♒22 | 17°19 | 12°12 | 11♈41 | 10°32 | 6° 3 | 28°22 | T 2 |
| W 3 | 16 45 4 | 12°25'59 | 6♈13 | 5° 2 | 1°43 | 21° 7 | 23°41 | 0°12 | 6°21 | 17°20 | 12°14 | 11°R42 | 10°29 | 6° 9 | 28°25 | W 3 |
| T 4 | 16 49 0 | 13°23'37 | 20°18 | 5°52 | 2°17 | 21°49 | 23°55 | 0°19 | 6°20 | 17°21 | 12°15 | 11°42 | 10°26 | 6°16 | 28°28 | T 4 |
| F 5 | 16 52 57 | 14°21'13 | 4♉49 | 6°38 | 2°53 | 22°30 | 24° 9 | 0°27 | 6°19 | 17°22 | 12°16 | 11°40 | 10°23 | 6°23 | 28°31 | F 5 |
| S 6 | 16 56 53 | 15°18'50 | 19°43 | 7°20 | 3°30 | 23°12 | 24°23 | 0°35 | 6°18 | 17°24 | 12°18 | 11°36 | 10°19 | 6°29 | 28°34 | S 6 |
| S 7 | 17 0 50 | 16°16'25 | 4♊54 | 7°57 | 4° 8 | 23°54 | 24°37 | 0°42 | 6°17 | 17°25 | 12°19 | 11°29 | 10°16 | 6°36 | 28°37 | S 7 |
| M 8 | 17 4 46 | 17°13'59 | 20°10 | 8°30 | 4°47 | 24°35 | 24°50 | 0°50 | 6°15 | 17°26 | 12°20 | 11°20 | 10°13 | 6°43 | 28°40 | M 8 |
| T 9 | 17 8 43 | 18°11'32 | 5♋23 | 8°58 | 5°27 | 25°17 | 25° 4 | 0°58 | 6°14 | 17°28 | 12°22 | 11°10 | 10°10 | 6°50 | 28°42 | T 9 |
| W10 | 17 12 40 | 19° 9'04 | 20°20 | 9°22 | 6° 8 | 25°58 | 25°18 | 1° 5 | 6°13 | 17°29 | 12°23 | 11° 1 | 10° 7 | 6°56 | 28°45 | W10 |
| T 11 | 17 16 36 | 20° 6'35 | 4♌54 | 9°42 | 6°51 | 26°40 | 25°31 | 1°13 | 6°11 | 17°30 | 12°24 | 10°53 | 10° 4 | 7° 3 | 28°48 | T 11 |
| F 12 | 17 20 33 | 21° 4'05 | 19° 0 | 9°56 | 7°34 | 27°21 | 25°45 | 1°21 | 6°10 | 17°32 | 12°26 | 10°47 | 10° 0 | 7°10 | 28°50 | F 12 |
| S 13 | 17 24 29 | 22° 1'33 | 2♍36 | 10° 7 | 8°18 | 28° 2 | 25°59 | 1°29 | 6° 8 | 17°33 | 12°27 | 10°43 | 9°57 | 7°16 | 28°53 | S 13 |
| S 14 | 17 28 26 | 22°59'00 | 15°44 | 10°12 | 9° 3 | 28°43 | 26°12 | 1°36 | 6° 7 | 17°34 | 12°29 | 10°42 | 9°54 | 7°23 | 28°55 | S 14 |
| M15 | 17 32 22 | 23°56'26 | 28°27 | 10°R13 | 9°49 | 29°24 | 26°26 | 1°44 | 6° 5 | 17°36 | 12°30 | 10°D42 | 9°51 | 7°30 | 28°58 | M15 |
| T 16 | 17 36 19 | 24°53'51 | 10♎50 | 10°10 | 10°35 | 0♈ 5 | 26°39 | 1°52 | 6° 4 | 17°37 | 12°31 | 10°R42 | 9°48 | 7°36 | 29° 0 | T 16 |
| W17 | 17 40 15 | 25°51'14 | 22°58 | 10° 2 | 11°23 | 0°46 | 26°52 | 2° 0 | 6° 2 | 17°39 | 12°33 | 10°41 | 9°45 | 7°43 | 29° 3 | W17 |
| T 18 | 17 44 12 | 26°48'37 | 4♏55 | 9°50 | 12°11 | 1°27 | 27° 6 | 2° 8 | 6° 0 | 17°40 | 12°34 | 10°39 | 9°41 | 7°50 | 29° 5 | T 18 |
| F 19 | 17 48 9 | 27°45'59 | 16°47 | 9°33 | 13° 0 | 2° 8 | 27°19 | 2°15 | 5°59 | 17°42 | 12°36 | 10°34 | 9°38 | 7°57 | 29° 7 | F 19 |
| S 20 | 17 52 5 | 28°43'20 | 28°37 | 9°13 | 13°49 | 2°48 | 27°32 | 2°23 | 5°57 | 17°43 | 12°37 | 10°27 | 9°35 | 8° 3 | 29°10 | S 20 |
| S 21 | 17 56 2 | 29°40'40 | 10♐28 | 8°50 | 14°40 | 3°29 | 27°45 | 2°31 | 5°55 | 17°45 | 12°39 | 10°17 | 9°32 | 8°10 | 29°12 | S 21 |
| M22 | 17 59 58 | 0♋37'59 | 22°21 | 8°24 | 15°30 | 4° 9 | 27°58 | 2°39 | 5°53 | 17°47 | 12°40 | 10° 5 | 9°29 | 8°17 | 29°14 | M22 |
| T 23 | 18 3 55 | 1°35'18 | 4♑20 | 7°55 | 16°22 | 4°50 | 28°12 | 2°47 | 5°52 | 17°48 | 12°42 | 9°51 | 9°25 | 8°23 | 29°16 | T 23 |
| W24 | 18 7 51 | 2°32'36 | 16°24 | 7°24 | 17°14 | 5°30 | 28°25 | 2°54 | 5°50 | 17°50 | 12°43 | 9°38 | 9°22 | 8°30 | 29°18 | W24 |
| T 25 | 18 11 48 | 3°29'54 | 28°36 | 6°51 | 18° 7 | 6°10 | 28°38 | 3° 2 | 5°48 | 17°52 | 12°44 | 9°25 | 9°19 | 8°37 | 29°20 | T 25 |
| F 26 | 18 15 45 | 4°27'11 | 10♒56 | 6°17 | 19° 0 | 6°50 | 28°50 | 3°10 | 5°46 | 17°53 | 12°46 | 9°15 | 9°16 | 8°43 | 29°22 | F 26 |
| S 27 | 18 19 41 | 5°24'27 | 23°26 | 5°42 | 19°54 | 7°30 | 29° 3 | 3°18 | 5°44 | 17°55 | 12°47 | 9° 7 | 9°13 | 8°50 | 29°24 | S 27 |
| S 28 | 18 23 38 | 6°21'44 | 6♓ 8 | 5° 8 | 20°49 | 8°10 | 29°16 | 3°26 | 5°42 | 17°57 | 12°49 | 9° 2 | 9°10 | 8°57 | 29°26 | S 28 |
| M29 | 18 27 34 | 7°19'00 | 19° 4 | 4°34 | 21°44 | 8°50 | 29°29 | 3°34 | 5°40 | 17°59 | 12°50 | 9° 0 | 9° 6 | 9° 4 | 29°28 | M29 |
| T 30 | 18 31 31 | 8♋16'16 | 2♈17 | 4♋ 2 | 22♉39 | 9♈30 | 29♉41 | 3♋41 | 5♒38 | 18♎ 0 | 12♋52 | 8♈59 | 9♈ 3 | 9♐10 | 29♈30 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21n59 | 10s35 | 2s44 | 25n20 | 1n59 | 10n28 | 1s17 | 6s 2 | 2s 8 | 17n41 | 0s53 | 22n26 | 0s57 | 19s13 | 0s36 | 15n42 | 0n 5 | 18n57 | 3s54 | 4n37 | 4n11 | 25s25 | 11n22 | 0n33 |
| T 2 | 22 7 | 4 29 | 1 40 | 25 12 | 1 53 | 10 32 | 1 24 | 5 47 | 2 10 | 17 45 | 0 53 | 22 26 | 0 57 | 19 13 | 0 36 | 15 41 | 0 5 | 18 57 | 3 54 | 4 37 | 4 10 | 25 27 | 11 23 | 0 33 |
| W 3 | 22 14 | 2n 1 | 0 29 | 25 3 | 1 45 | 10 37 | 1 32 | 5 31 | 2 11 | 17 48 | 0 53 | 22 26 | 0 57 | 19 13 | 0 36 | 15 41 | 0 5 | 18 57 | 3 53 | 4 37 | 4 9 | 25 29 | 11 24 | 0 33 |
| T 4 | 22 21 | 8 37 | 0n46 | 24 52 | 1 37 | 10 42 | 1 38 | 5 16 | 2 12 | 17 52 | 0 53 | 22 26 | 0 57 | 19 14 | 0 36 | 15 41 | 0 5 | 18 57 | 3 53 | 4 37 | 4 7 | 25 30 | 11 25 | 0 33 |
| F 5 | 22 28 | 14 59 | 2 0 | 24 41 | 1 28 | 10 48 | 1 45 | 5 0 | 2 13 | 17 55 | 0 53 | 22 26 | 0 57 | 19 14 | 0 36 | 15 40 | 0 5 | 18 57 | 3 53 | 4 36 | 4 6 | 25 32 | 11 26 | 0 33 |
| S 6 | 22 35 | 20 39 | 3 8 | 24 29 | 1 18 | 10 54 | 1 51 | 4 45 | 2 14 | 17 58 | 0 53 | 22 26 | 0 57 | 19 14 | 0 36 | 15 40 | 0 5 | 18 57 | 3 53 | 4 35 | 4 5 | 25 34 | 11 27 | 0 33 |
| S 7 | 22 41 | 25 4 | 4 4 | 24 15 | 1 7 | 11 2 | 1 57 | 4 29 | 2 15 | 18 2 | 0 53 | 22 27 | 0 57 | 19 14 | 0 36 | 15 40 | 0 5 | 18 57 | 3 53 | 4 32 | 4 4 | 25 35 | 11 28 | 0 33 |
| M 8 | 22 47 | 27 43 | 4 43 | 24 2 | 0 55 | 11 9 | 2 3 | 4 14 | 2 16 | 18 5 | 0 53 | 22 27 | 0 56 | 19 15 | 0 36 | 15 39 | 0 5 | 18 57 | 3 53 | 4 29 | 4 2 | 25 37 | 11 29 | 0 32 |
| T 9 | 22 52 | 28 18 | 5 1 | 23 47 | 0 42 | 11 17 | 2 8 | 3 58 | 2 17 | 18 8 | 0 53 | 22 27 | 0 56 | 19 15 | 0 36 | 15 39 | 0 5 | 18 57 | 3 53 | 4 25 | 4 1 | 25 39 | 11 30 | 0 32 |
| W10 | 22 57 | 26 46 | 4 59 | 23 32 | 0 29 | 11 26 | 2 14 | 3 43 | 2 18 | 18 12 | 0 53 | 22 27 | 0 56 | 19 16 | 0 36 | 15 38 | 0 5 | 18 57 | 3 53 | 4 21 | 4 0 | 25 40 | 11 31 | 0 32 |
| T 11 | 23 1 | 23 28 | 4 37 | 23 17 | 0 15 | 11 35 | 2 19 | 3 28 | 2 19 | 18 15 | 0 53 | 22 27 | 0 56 | 19 16 | 0 36 | 15 38 | 0 5 | 18 57 | 3 53 | 4 18 | 3 59 | 25 42 | 11 32 | 0 32 |
| F 12 | 23 5 | 18 52 | 3 59 | 23 1 | 0 0 | 11 45 | 2 23 | 3 12 | 2 21 | 18 18 | 0 53 | 22 27 | 0 56 | 19 16 | 0 36 | 15 38 | 0 5 | 18 57 | 3 53 | 4 16 | 3 57 | 25 43 | 11 32 | 0 32 |
| S 13 | 23 9 | 13 27 | 3 8 | 22 45 | 0s15 | 11 55 | 2 28 | 2 57 | 2 22 | 18 21 | 0 53 | 22 27 | 0 56 | 19 17 | 0 36 | 15 37 | 0 5 | 18 57 | 3 53 | 4 14 | 3 56 | 25 45 | 11 33 | 0 32 |
| S 14 | 23 12 | 7 36 | 2 9 | 22 29 | 0 31 | 12 5 | 2 32 | 2 41 | 2 23 | 18 25 | 0 53 | 22 27 | 0 56 | 19 17 | 0 36 | 15 37 | 0 5 | 18 57 | 3 52 | 4 14 | 3 55 | 25 47 | 11 34 | 0 32 |
| M15 | 23 15 | 1 36 | 1 5 | 22 13 | 0 47 | 12 16 | 2 36 | 2 26 | 2 24 | 18 28 | 0 53 | 22 27 | 0 56 | 19 18 | 0 36 | 15 36 | 0 5 | 18 57 | 3 52 | 4 14 | 3 54 | 25 48 | 11 35 | 0 32 |
| T 16 | 23 17 | 4s17 | 0s 1 | 21 57 | 1 4 | 12 26 | 2 39 | 2 11 | 2 25 | 18 31 | 0 53 | 22 27 | 0 56 | 19 18 | 0 36 | 15 36 | 0 5 | 18 57 | 3 52 | 4 14 | 3 52 | 25 50 | 11 36 | 0 32 |
| W17 | 23 19 | 9 54 | 1 5 | 21 40 | 1 21 | 12 38 | 2 43 | 1 56 | 2 26 | 18 34 | 0 53 | 22 27 | 0 56 | 19 18 | 0 36 | 15 35 | 0 5 | 18 57 | 3 52 | 4 13 | 3 51 | 25 51 | 11 37 | 0 32 |
| T 18 | 23 21 | 15 5 | 2 5 | 21 24 | 1 38 | 12 49 | 2 46 | 1 40 | 2 27 | 18 37 | 0 53 | 22 27 | 0 56 | 19 19 | 0 36 | 15 35 | 0 5 | 18 57 | 3 52 | 4 12 | 3 50 | 25 53 | 11 37 | 0 32 |
| F 19 | 23 22 | 19 40 | 2 59 | 21 8 | 1 55 | 13 1 | 2 49 | 1 25 | 2 28 | 18 40 | 0 53 | 22 27 | 0 55 | 19 19 | 0 36 | 15 34 | 0 5 | 18 57 | 3 52 | 4 11 | 3 49 | 25 55 | 11 38 | 0 32 |
| S 20 | 23 23 | 23 28 | 3 45 | 20 53 | 2 12 | 13 13 | 2 52 | 1 10 | 2 29 | 18 43 | 0 53 | 22 27 | 0 55 | 19 20 | 0 36 | 15 34 | 0 5 | 18 56 | 3 52 | 4 8 | 3 47 | 25 56 | 11 39 | 0 32 |
| S 21 | 23 23 | 26 16 | 4 21 | 20 37 | 2 28 | 13 25 | 2 54 | 0 55 | 2 30 | 18 46 | 0 53 | 22 27 | 0 55 | 19 20 | 0 36 | 15 34 | 0 5 | 18 56 | 3 52 | 4 4 | 3 46 | 25 58 | 11 40 | 0 32 |
| M22 | 23 23 | 27 55 | 4 46 | 20 23 | 2 45 | 13 38 | 2 57 | 0 40 | 2 31 | 18 49 | 0 53 | 22 26 | 0 55 | 19 21 | 0 36 | 15 33 | 0 5 | 18 56 | 3 52 | 3 59 | 3 45 | 25 59 | 11 40 | 0 32 |
| T 23 | 23 23 | 28 17 | 4 58 | 20 9 | 3 1 | 13 50 | 2 59 | 0 25 | 2 32 | 18 52 | 0 53 | 22 26 | 0 55 | 19 21 | 0 36 | 15 33 | 0 5 | 18 56 | 3 52 | 3 54 | 3 44 | 26 1 | 11 41 | 0 32 |
| W24 | 23 22 | 27 18 | 4 58 | 19 55 | 3 16 | 14 3 | 3 1 | 0 10 | 2 33 | 18 54 | 0 53 | 22 26 | 0 55 | 19 22 | 0 36 | 15 32 | 0 5 | 18 56 | 3 52 | 3 48 | 3 42 | 26 2 | 11 42 | 0 32 |
| T 25 | 23 20 | 25 1 | 4 43 | 19 43 | 3 30 | 14 16 | 3 3 | 0n 5 | 2 34 | 18 57 | 0 53 | 22 26 | 0 55 | 19 22 | 0 36 | 15 32 | 0 5 | 18 56 | 3 52 | 3 44 | 3 41 | 26 4 | 11 42 | 0 32 |
| F 26 | 23 19 | 21 33 | 4 16 | 19 31 | 3 43 | 14 28 | 3 4 | 0 20 | 2 35 | 19 0 | 0 53 | 22 26 | 0 55 | 19 23 | 0 36 | 15 31 | 0 5 | 18 56 | 3 52 | 3 40 | 3 40 | 26 5 | 11 43 | 0 32 |
| S 27 | 23 17 | 17 4 | 3 36 | 19 21 | 3 55 | 14 41 | 3 6 | 0 35 | 2 36 | 19 3 | 0 53 | 22 26 | 0 55 | 19 23 | 0 36 | 15 31 | 0 5 | 18 56 | 3 51 | 3 36 | 3 39 | 26 7 | 11 44 | 0 31 |
| S 28 | 23 14 | 11 47 | 2 44 | 19 11 | 4 6 | 14 54 | 3 7 | 0 50 | 2 37 | 19 6 | 0 53 | 22 26 | 0 55 | 19 24 | 0 36 | 15 30 | 0 5 | 18 56 | 3 51 | 3 35 | 3 37 | 26 8 | 11 44 | 0 31 |
| M29 | 23 11 | 5 54 | 1 43 | 19 3 | 4 16 | 15 8 | 3 8 | 1 4 | 2 38 | 19 8 | 0 53 | 22 26 | 0 55 | 19 24 | 0 36 | 15 29 | 0 5 | 18 56 | 3 51 | 3 34 | 3 36 | 26 10 | 11 45 | 0 31 |
| T 30 | 23n 8 | 0n22 | 0s35 | 18n56 | 4s24 | 15n21 | 3s 9 | 1n19 | 2s39 | 19n11 | 0s53 | 22n26 | 0s55 | 19s25 | 0s36 | 15n29 | 0n 5 | 18n56 | 3s51 | 3n33 | 3n35 | 26s11 | 11n46 | 0n31 |

Julian Day Number = 2603271.5, Delta T = 09m23s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'53, Lahiri = 29°39'54


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## JULY 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 35 27 | 9♋13'32 | 15♈51 | 3°R31 | 23♉35 | 10♈ 9 | 29♉54 | 3♋49 | 5°R36 | 18♎ 2 | 12♋53 | 8°R59 | 9♈ 0 | 9♐17 | 29♈32 | W 1 |
| T 2 | 18 39 24 | 10°10'47 | 29°46 | 3♋ 3 | 24°31 | 10°49 | 0♊ 7 | 3°57 | 5♒34 | 18° 4 | 12°55 | 8♈59 | 8°57 | 9°24 | 29°33 | T 2 |
| F 3 | 18 43 20 | 11° 8'03 | 14♉ 5 | 2°37 | 25°28 | 11°28 | 0°19 | 4° 5 | 5°32 | 18° 6 | 12°56 | 8°56 | 8°54 | 9°30 | 29°35 | F 3 |
| S 4 | 18 47 17 | 12° 5'19 | 28°44 | 2°15 | 26°25 | 12° 7 | 0°31 | 4°12 | 5°30 | 18° 8 | 12°58 | 8°51 | 8°51 | 9°37 | 29°37 | S 4 |
| S 5 | 18 51 14 | 13° 2'35 | 13♊40 | 1°57 | 27°23 | 12°46 | 0°44 | 4°20 | 5°28 | 18°10 | 12°59 | 8°44 | 8°47 | 9°44 | 29°38 | S 5 |
| M 6 | 18 55 10 | 13°59'51 | 28°44 | 1°42 | 28°21 | 13°25 | 0°56 | 4°28 | 5°25 | 18°12 | 13° 1 | 8°34 | 8°44 | 9°51 | 29°40 | M 6 |
| T 7 | 18 59 7 | 14°57'07 | 13♋48 | 1°32 | 29°20 | 14° 4 | 1° 8 | 4°36 | 5°23 | 18°13 | 13° 2 | 8°23 | 8°41 | 9°57 | 29°41 | T 7 |
| W 8 | 19 3 3 | 15°54'22 | 28°41 | 1°26 | 0♊18 | 14°42 | 1°20 | 4°44 | 5°21 | 18°15 | 13° 4 | 8°12 | 8°38 | 10° 4 | 29°43 | W 8 |
| T 9 | 19 7 0 | 16°51'37 | 13♌15 | 1°D25 | 1°18 | 15°21 | 1°32 | 4°51 | 5°19 | 18°17 | 13° 5 | 8° 3 | 8°35 | 10°11 | 29°44 | T 9 |
| F 10 | 19 10 56 | 17°48'52 | 27°23 | 1°28 | 2°17 | 15°59 | 1°44 | 4°59 | 5°16 | 18°19 | 13° 7 | 7°56 | 8°31 | 10°17 | 29°46 | F 10 |
| S 11 | 19 14 53 | 18°46'07 | 11♍ 2 | 1°37 | 3°17 | 16°37 | 1°56 | 5° 7 | 5°14 | 18°21 | 13° 8 | 7°51 | 8°28 | 10°24 | 29°47 | S 11 |
| S 12 | 19 18 49 | 19°43'21 | 24°14 | 1°50 | 4°17 | 17°15 | 2° 8 | 5°14 | 5°12 | 18°23 | 13°10 | 7°49 | 8°25 | 10°31 | 29°48 | S 12 |
| M13 | 19 22 46 | 20°40'35 | 7♎ 0 | 2° 9 | 5°18 | 17°53 | 2°19 | 5°22 | 5°10 | 18°25 | 13°11 | 7°D48 | 8°22 | 10°37 | 29°49 | M13 |
| T 14 | 19 26 43 | 21°37'49 | 19°25 | 2°33 | 6°18 | 18°30 | 2°31 | 5°30 | 5° 7 | 18°27 | 13°13 | 7°R48 | 8°19 | 10°44 | 29°50 | T 14 |
| W15 | 19 30 39 | 22°35'02 | 1♏33 | 3° 1 | 7°20 | 19° 8 | 2°43 | 5°37 | 5° 5 | 18°29 | 13°14 | 7°48 | 8°16 | 10°51 | 29°51 | W15 |
| T 16 | 19 34 36 | 23°32'16 | 13°31 | 3°35 | 8°21 | 19°45 | 2°54 | 5°45 | 5° 3 | 18°31 | 13°16 | 7°46 | 8°12 | 10°58 | 29°52 | T 16 |
| F 17 | 19 38 32 | 24°29'29 | 25°23 | 4°14 | 9°23 | 20°22 | 3° 5 | 5°52 | 5° 0 | 18°33 | 13°17 | 7°43 | 8° 9 | 11° 4 | 29°53 | F 17 |
| S 18 | 19 42 29 | 25°26'42 | 7♐13 | 4°58 | 10°25 | 20°59 | 3°17 | 6° 0 | 4°58 | 18°35 | 13°18 | 7°36 | 8° 6 | 11°11 | 29°54 | S 18 |
| S 19 | 19 46 25 | 26°23'56 | 19° 6 | 5°46 | 11°27 | 21°36 | 3°28 | 6° 7 | 4°56 | 18°38 | 13°20 | 7°27 | 8° 3 | 11°18 | 29°55 | S 19 |
| M20 | 19 50 22 | 27°21'09 | 1♑ 4 | 6°40 | 12°29 | 22°12 | 3°39 | 6°15 | 4°53 | 18°40 | 13°21 | 7°16 | 8° 0 | 11°24 | 29°56 | M20 |
| T 21 | 19 54 18 | 28°18'23 | 13°10 | 7°38 | 13°32 | 22°48 | 3°50 | 6°22 | 4°51 | 18°42 | 13°23 | 7° 5 | 7°57 | 11°31 | 29°57 | T 21 |
| W22 | 19 58 15 | 29°15'36 | 25°25 | 8°41 | 14°35 | 23°25 | 4° 1 | 6°30 | 4°48 | 18°44 | 13°24 | 6°52 | 7°53 | 11°38 | 29°58 | W22 |
| T 23 | 20 2 12 | 0♒12'50 | 7♒49 | 9°49 | 15°38 | 24° 0 | 4°12 | 6°37 | 4°46 | 18°46 | 13°26 | 6°41 | 7°50 | 11°45 | 29°58 | T 23 |
| F 24 | 20 6 8 | 1°10'04 | 20°24 | 11° 2 | 16°42 | 24°36 | 4°22 | 6°45 | 4°44 | 18°48 | 13°27 | 6°32 | 7°47 | 11°51 | 29°59 | F 24 |
| S 25 | 20 10 5 | 2° 7'19 | 3♓10 | 12°19 | 17°45 | 25°12 | 4°33 | 6°52 | 4°41 | 18°50 | 13°29 | 6°25 | 7°44 | 11°58 | 29°59 | S 25 |
| S 26 | 20 14 1 | 3° 4'34 | 16° 6 | 13°40 | 18°49 | 25°47 | 4°43 | 6°59 | 4°39 | 18°52 | 13°30 | 6°21 | 7°41 | 12° 5 | 29°59 | S 26 |
| M27 | 20 17 58 | 4° 1'50 | 29°15 | 15° 6 | 19°53 | 26°22 | 4°54 | 7° 7 | 4°36 | 18°55 | 13°31 | 6°19 | 7°37 | 12°11 | 0♉ 0 | M27 |
| T 28 | 20 21 54 | 4°59'06 | 12♈37 | 16°36 | 20°58 | 26°57 | 5° 4 | 7°14 | 4°34 | 18°57 | 13°33 | 6°D19 | 7°34 | 12°18 | 0° 1 | T 28 |
| W29 | 20 25 51 | 5°56'24 | 26°14 | 18°10 | 22° 2 | 27°31 | 5°14 | 7°21 | 4°32 | 18°59 | 13°34 | 6°20 | 7°31 | 12°25 | 0° 1 | W29 |
| T 30 | 20 29 47 | 6°53'42 | 10♉ 7 | 19°48 | 23° 7 | 28° 6 | 5°24 | 7°28 | 4°29 | 19° 1 | 13°36 | 6°R20 | 7°28 | 12°32 | 0° 1 | T 30 |
| F 31 | 20 33 44 | 7♌51'01 | 24♉16 | 21♋30 | 24♊12 | 28♈40 | 5♊34 | 7♋35 | 4♒27 | 19♎ 3 | 13♋37 | 6♈19 | 7♈25 | 12♐38 | 0♉ 1 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n 4 | 6n47 | 0n36 | 18n50 | 4s31 | 15n34 | 3s10 | 1n34 | 2s40 | 19n14 | 0s53 | 22n25 | 0s55 | 19s25 | 0s36 | 15n28 | 0n 5 | 18n56 | 3s51 | 3n33 | 3n34 | 26s13 | 11n46 | 0n31 |
| T 2 | 23 0 | 13 3 | 1 47 | 18 45 | 4 36 | 15 47 | 3 11 | 1 48 | 2 41 | 19 16 | 0 53 | 22 25 | 0 54 | 19 26 | 0 36 | 15 28 | 0 5 | 18 56 | 3 51 | 3 33 | 3 32 | 26 14 | 11 47 | 0 31 |
| F 3 | 22 55 | 18 48 | 2 54 | 18 42 | 4 40 | 16 0 | 3 11 | 2 3 | 2 42 | 19 19 | 0 53 | 22 25 | 0 54 | 19 26 | 0 36 | 15 27 | 0 5 | 18 56 | 3 51 | 3 32 | 3 31 | 26 16 | 11 47 | 0 31 |
| S 4 | 22 50 | 23 35 | 3 50 | 18 40 | 4 42 | 16 13 | 3 11 | 2 17 | 2 43 | 19 21 | 0 53 | 22 25 | 0 54 | 19 27 | 0 37 | 15 27 | 0 5 | 18 55 | 3 51 | 3 30 | 3 30 | 26 17 | 11 48 | 0 31 |
| S 5 | 22 45 | 26 54 | 4 32 | 18 39 | 4 43 | 16 26 | 3 11 | 2 31 | 2 44 | 19 24 | 0 53 | 22 25 | 0 54 | 19 27 | 0 37 | 15 26 | 0 5 | 18 55 | 3 51 | 3 27 | 3 29 | 26 19 | 11 48 | 0 31 |
| M 6 | 22 39 | 28 19 | 4 56 | 18 40 | 4 42 | 16 38 | 3 11 | 2 45 | 2 45 | 19 26 | 0 53 | 22 25 | 0 54 | 19 28 | 0 37 | 15 26 | 0 5 | 18 55 | 3 51 | 3 23 | 3 27 | 26 20 | 11 49 | 0 31 |
| T 7 | 22 33 | 27 38 | 4 59 | 18 43 | 4 40 | 16 51 | 3 11 | 2 59 | 2 45 | 19 29 | 0 53 | 22 24 | 0 54 | 19 28 | 0 37 | 15 25 | 0 5 | 18 55 | 3 51 | 3 19 | 3 26 | 26 22 | 11 49 | 0 31 |
| W 8 | 22 27 | 24 58 | 4 42 | 18 46 | 4 37 | 17 4 | 3 11 | 3 13 | 2 46 | 19 31 | 0 53 | 22 24 | 0 54 | 19 29 | 0 37 | 15 24 | 0 5 | 18 55 | 3 51 | 3 15 | 3 25 | 26 23 | 11 50 | 0 31 |
| T 9 | 22 20 | 20 44 | 4 6 | 18 51 | 4 32 | 17 16 | 3 10 | 3 27 | 2 47 | 19 33 | 0 53 | 22 24 | 0 54 | 19 29 | 0 37 | 15 24 | 0 5 | 18 55 | 3 51 | 3 11 | 3 24 | 26 24 | 11 50 | 0 31 |
| F 10 | 22 12 | 15 26 | 3 16 | 18 56 | 4 27 | 17 28 | 3 10 | 3 41 | 2 48 | 19 36 | 0 53 | 22 24 | 0 54 | 19 30 | 0 37 | 15 23 | 0 5 | 18 55 | 3 51 | 3 8 | 3 22 | 26 26 | 11 51 | 0 31 |
| S 11 | 22 5 | 9 31 | 2 17 | 19 3 | 4 20 | 17 40 | 3 9 | 3 55 | 2 49 | 19 38 | 0 53 | 22 24 | 0 54 | 19 31 | 0 37 | 15 23 | 0 5 | 18 55 | 3 51 | 3 7 | 3 21 | 26 27 | 11 51 | 0 31 |
| S 12 | 21 57 | 3 23 | 1 11 | 19 11 | 4 12 | 17 52 | 3 8 | 4 9 | 2 50 | 19 40 | 0 53 | 22 23 | 0 54 | 19 31 | 0 37 | 15 22 | 0 5 | 18 55 | 3 51 | 3 6 | 3 20 | 26 29 | 11 51 | 0 31 |
| M13 | 21 48 | 2s42 | 0 4 | 19 19 | 4 3 | 18 4 | 3 7 | 4 22 | 2 51 | 19 43 | 0 53 | 22 23 | 0 54 | 19 32 | 0 37 | 15 21 | 0 5 | 18 55 | 3 51 | 3 5 | 3 19 | 26 30 | 11 52 | 0 31 |
| T 14 | 21 39 | 8 31 | 1s 1 | 19 28 | 3 53 | 18 15 | 3 6 | 4 36 | 2 51 | 19 45 | 0 53 | 22 23 | 0 54 | 19 32 | 0 37 | 15 21 | 0 5 | 18 55 | 3 51 | 3 5 | 3 17 | 26 31 | 11 52 | 0 31 |
| W15 | 21 30 | 13 54 | 2 2 | 19 38 | 3 43 | 18 27 | 3 5 | 4 49 | 2 52 | 19 47 | 0 53 | 22 23 | 0 54 | 19 33 | 0 37 | 15 20 | 0 5 | 18 54 | 3 51 | 3 5 | 3 16 | 26 33 | 11 52 | 0 31 |
| T 16 | 21 20 | 18 41 | 2 57 | 19 48 | 3 32 | 18 37 | 3 4 | 5 2 | 2 53 | 19 49 | 0 53 | 22 22 | 0 54 | 19 33 | 0 37 | 15 20 | 0 5 | 18 54 | 3 50 | 3 5 | 3 15 | 26 34 | 11 53 | 0 31 |
| F 17 | 21 11 | 22 41 | 3 44 | 19 59 | 3 20 | 18 48 | 3 2 | 5 15 | 2 54 | 19 51 | 0 53 | 22 22 | 0 54 | 19 34 | 0 37 | 15 19 | 0 5 | 18 54 | 3 50 | 3 3 | 3 14 | 26 36 | 11 53 | 0 30 |
| S 18 | 21 0 | 25 45 | 4 21 | 20 10 | 3 8 | 18 59 | 3 1 | 5 28 | 2 55 | 19 54 | 0 53 | 22 22 | 0 53 | 19 35 | 0 37 | 15 18 | 0 5 | 18 54 | 3 50 | 3 1 | 3 12 | 26 37 | 11 53 | 0 30 |
| S 19 | 20 50 | 27 42 | 4 46 | 20 20 | 2 55 | 19 9 | 2 59 | 5 41 | 2 55 | 19 56 | 0 53 | 22 21 | 0 53 | 19 35 | 0 37 | 15 18 | 0 5 | 18 54 | 3 50 | 2 57 | 3 11 | 26 38 | 11 54 | 0 30 |
| M20 | 20 39 | 28 23 | 5 0 | 20 31 | 2 42 | 19 19 | 2 57 | 5 54 | 2 56 | 19 58 | 0 54 | 22 21 | 0 53 | 19 36 | 0 37 | 15 17 | 0 5 | 18 54 | 3 50 | 2 53 | 3 10 | 26 40 | 11 54 | 0 30 |
| T 21 | 20 27 | 27 43 | 5 0 | 20 41 | 2 29 | 19 28 | 2 56 | 6 7 | 2 57 | 20 0 | 0 54 | 22 21 | 0 53 | 19 36 | 0 37 | 15 16 | 0 5 | 18 54 | 3 50 | 2 48 | 3 9 | 26 41 | 11 54 | 0 30 |
| W22 | 20 16 | 25 42 | 4 46 | 20 51 | 2 15 | 19 37 | 2 54 | 6 19 | 2 58 | 20 2 | 0 54 | 22 21 | 0 53 | 19 37 | 0 37 | 15 16 | 0 5 | 18 54 | 3 50 | 2 43 | 3 7 | 26 42 | 11 54 | 0 30 |
| T 23 | 20 4 | 22 26 | 4 19 | 21 0 | 2 2 | 19 46 | 2 52 | 6 32 | 2 58 | 20 4 | 0 54 | 22 20 | 0 53 | 19 38 | 0 37 | 15 15 | 0 5 | 18 54 | 3 50 | 2 39 | 3 6 | 26 44 | 11 54 | 0 30 |
| F 24 | 19 51 | 18 7 | 3 39 | 21 9 | 1 48 | 19 55 | 2 50 | 6 44 | 2 59 | 20 5 | 0 54 | 22 20 | 0 53 | 19 38 | 0 37 | 15 14 | 0 5 | 18 53 | 3 50 | 2 35 | 3 5 | 26 45 | 11 55 | 0 30 |
| S 25 | 19 39 | 12 55 | 2 47 | 21 16 | 1 34 | 20 3 | 2 47 | 6 56 | 3 0 | 20 7 | 0 54 | 22 20 | 0 53 | 19 39 | 0 37 | 15 14 | 0 5 | 18 53 | 3 50 | 2 33 | 3 4 | 26 46 | 11 55 | 0 30 |
| S 26 | 19 26 | 7 6 | 1 46 | 21 22 | 1 20 | 20 11 | 2 45 | 7 8 | 3 0 | 20 9 | 0 54 | 22 19 | 0 53 | 19 39 | 0 37 | 15 13 | 0 5 | 18 53 | 3 50 | 2 31 | 3 2 | 26 47 | 11 55 | 0 30 |
| M27 | 19 12 | 0 52 | 0 38 | 21 27 | 1 6 | 20 18 | 2 43 | 7 20 | 3 1 | 20 11 | 0 54 | 22 19 | 0 53 | 19 40 | 0 37 | 15 12 | 0 5 | 18 53 | 3 50 | 2 30 | 3 1 | 26 49 | 11 55 | 0 30 |
| T 28 | 18 59 | 5n30 | 0n34 | 21 30 | 0 52 | 20 25 | 2 40 | 7 32 | 3 2 | 20 13 | 0 54 | 22 19 | 0 53 | 19 40 | 0 37 | 15 12 | 0 5 | 18 53 | 3 50 | 2 30 | 3 0 | 26 50 | 11 55 | 0 30 |
| W29 | 18 45 | 11 44 | 1 44 | 21 31 | 0 38 | 20 32 | 2 38 | 7 44 | 3 2 | 20 15 | 0 54 | 22 18 | 0 53 | 19 41 | 0 37 | 15 11 | 0 5 | 18 53 | 3 50 | 2 31 | 2 59 | 26 51 | 11 55 | 0 30 |
| T 30 | 18 31 | 17 31 | 2 50 | 21 31 | 0 25 | 20 38 | 2 35 | 7 55 | 3 3 | 20 16 | 0 54 | 22 18 | 0 53 | 19 42 | 0 37 | 15 10 | 0 5 | 18 53 | 3 50 | 2 31 | 2 57 | 26 53 | 11 55 | 0 30 |
| F 31 | 18n16 | 22n28 | 3n47 | 21n28 | 0s12 | 20n43 | 2s32 | 8n 7 | 3s 4 | 20n18 | 0s54 | 22n17 | 0s53 | 19s42 | 0s37 | 15n10 | 0n 5 | 18n53 | 3s50 | 2n30 | 2n56 | 26s54 | 11n55 | 0n30 |

Julian Day Number = 2603301.5, Delta T = 09m23s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°32'57, Lahiri = 29°39'59


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## AUGUST 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 37 41 | 8♌48'21 | 8♊39 | 23♋15 | 25♊17 | 29♈14 | 5♊44 | 7♋42 | 4°R24 | 19♌ 5 | 13♋38 | 6°R16 | 7♈22 | 12♐45 | 0♉ 2 | S 1 |
| S 2 | 20 41 37 | 9°45'42 | 23°15 | 25° 4 | 26°23 | 29°47 | 5°54 | 7°50 | 4♒22 | 19° 8 | 13°40 | 6♈10 | 7°18 | 12°52 | 0° 2 | S 2 |
| M 3 | 20 45 34 | 10°43'03 | 7♋57 | 26°56 | 27°28 | 0♉20 | 6° 3 | 7°57 | 4°20 | 19°10 | 13°41 | 6° 3 | 7°15 | 12°58 | 0°R 2 | M 3 |
| T 4 | 20 49 30 | 11°40'26 | 22°39 | 28°51 | 28°34 | 0°53 | 6°13 | 8° 4 | 4°17 | 19°12 | 13°42 | 5°55 | 7°12 | 13° 5 | 0° 2 | T 4 |
| W 5 | 20 53 27 | 12°37'50 | 7♌13 | 0♌48 | 29°40 | 1°26 | 6°22 | 8°11 | 4°15 | 19°14 | 13°44 | 5°47 | 7° 9 | 13°12 | 0° 2 | W 5 |
| T 6 | 20 57 23 | 13°35'14 | 21°33 | 2°47 | 0♋46 | 1°58 | 6°32 | 8°17 | 4°12 | 19°16 | 13°45 | 5°40 | 7° 6 | 13°19 | 0° 1 | T 6 |
| F 7 | 21 1 20 | 14°32'38 | 5♍32 | 4°48 | 1°52 | 2°30 | 6°41 | 8°24 | 4°10 | 19°19 | 13°46 | 5°34 | 7° 3 | 13°25 | 0° 1 | F 7 |
| S 8 | 21 5 16 | 15°30'04 | 19° 7 | 6°51 | 2°59 | 3° 2 | 6°50 | 8°31 | 4° 8 | 19°21 | 13°48 | 5°31 | 6°59 | 13°32 | 0° 1 | S 8 |
| S 9 | 21 9 13 | 16°27'30 | 2♎17 | 8°54 | 4° 5 | 3°33 | 6°59 | 8°38 | 4° 5 | 19°23 | 13°49 | 5°D30 | 6°56 | 13°39 | 0° 1 | S 9 |
| M10 | 21 13 10 | 17°24'57 | 15° 4 | 10°59 | 5°12 | 4° 4 | 7° 7 | 8°45 | 4° 3 | 19°25 | 13°50 | 5°30 | 6°53 | 13°45 | 0° 0 | M10 |
| T 11 | 21 17 6 | 18°22'24 | 27°31 | 13° 4 | 6°19 | 4°35 | 7°16 | 8°51 | 4° 1 | 19°28 | 13°51 | 5°31 | 6°50 | 13°52 | 0° 0 | T 11 |
| W12 | 21 21 3 | 19°19'52 | 9♏42 | 15° 9 | 7°26 | 5° 6 | 7°25 | 8°58 | 3°58 | 19°30 | 13°53 | 5°32 | 6°47 | 13°59 | 29♈59 | W12 |
| T 13 | 21 24 59 | 20°17'21 | 21°41 | 17°14 | 8°33 | 5°36 | 7°33 | 9° 4 | 3°56 | 19°32 | 13°54 | 5°R33 | 6°43 | 14° 5 | 29°59 | T 13 |
| F 14 | 21 28 56 | 21°14'50 | 3♐35 | 19°18 | 9°41 | 6° 5 | 7°41 | 9°11 | 3°54 | 19°34 | 13°55 | 5°32 | 6°40 | 14°12 | 29°59 | F 14 |
| S 15 | 21 32 52 | 22°12'21 | 15°27 | 21°22 | 10°48 | 6°35 | 7°49 | 9°17 | 3°52 | 19°36 | 13°56 | 5°29 | 6°37 | 14°19 | 29°58 | S 15 |
| S 16 | 21 36 49 | 23° 9'52 | 27°22 | 23°26 | 11°56 | 7° 4 | 7°57 | 9°24 | 3°49 | 19°39 | 13°58 | 5°25 | 6°34 | 14°26 | 29°57 | S 16 |
| M17 | 21 40 45 | 24° 7'24 | 9♑24 | 25°28 | 13° 4 | 7°32 | 8° 5 | 9°30 | 3°47 | 19°41 | 13°59 | 5°19 | 6°31 | 14°32 | 29°57 | M17 |
| T 18 | 21 44 42 | 25° 4'56 | 21°37 | 27°29 | 14°11 | 8° 0 | 8°13 | 9°36 | 3°45 | 19°43 | 14° 0 | 5°12 | 6°28 | 14°39 | 29°56 | T 18 |
| W19 | 21 48 39 | 26° 2'30 | 4♒ 1 | 29°30 | 15°20 | 8°28 | 8°20 | 9°43 | 3°43 | 19°45 | 14° 1 | 5° 5 | 6°24 | 14°46 | 29°55 | W19 |
| T 20 | 21 52 35 | 27° 0'05 | 16°39 | 1♍29 | 16°28 | 8°56 | 8°28 | 9°49 | 3°41 | 19°48 | 14° 2 | 4°58 | 6°21 | 14°52 | 29°54 | T 20 |
| F 21 | 21 56 32 | 27°57'41 | 29°32 | 3°26 | 17°36 | 9°23 | 8°35 | 9°55 | 3°39 | 19°50 | 14° 3 | 4°53 | 6°18 | 14°59 | 29°53 | F 21 |
| S 22 | 22 0 28 | 28°55'18 | 12♓37 | 5°23 | 18°44 | 9°49 | 8°42 | 10° 1 | 3°36 | 19°52 | 14° 5 | 4°50 | 6°15 | 15° 6 | 29°52 | S 22 |
| S 23 | 22 4 25 | 29°52'56 | 25°56 | 7°18 | 19°53 | 10°15 | 8°49 | 10° 7 | 3°34 | 19°54 | 14° 6 | 4°48 | 6°12 | 15°13 | 29°51 | S 23 |
| M24 | 22 8 21 | 0♍50'35 | 9♈26 | 9°11 | 21° 2 | 10°41 | 8°56 | 10°13 | 3°32 | 19°56 | 14° 7 | 4°D48 | 6° 9 | 15°19 | 29°50 | M24 |
| T 25 | 22 12 18 | 1°48'17 | 23° 8 | 11° 3 | 22°11 | 11° 6 | 9° 3 | 10°19 | 3°30 | 19°59 | 14° 8 | 4°48 | 6° 5 | 15°26 | 29°49 | T 25 |
| W26 | 22 16 14 | 2°45'59 | 6♉59 | 12°54 | 23°20 | 11°31 | 9° 9 | 10°25 | 3°28 | 20° 1 | 14° 9 | 4°50 | 6° 2 | 15°33 | 29°48 | W26 |
| T 27 | 22 20 11 | 3°43'43 | 20°59 | 14°43 | 24°29 | 11°55 | 9°15 | 10°30 | 3°26 | 20° 3 | 14°10 | 4°51 | 5°59 | 15°39 | 29°46 | T 27 |
| F 28 | 22 24 8 | 4°41'29 | 5♊ 7 | 16°31 | 25°38 | 12°19 | 9°22 | 10°36 | 3°24 | 20° 5 | 14°11 | 4°R52 | 5°56 | 15°46 | 29°45 | F 28 |
| S 29 | 22 28 4 | 5°39'17 | 19°21 | 18°18 | 26°47 | 12°42 | 9°28 | 10°42 | 3°22 | 20° 7 | 14°12 | 4°51 | 5°53 | 15°53 | 29°44 | S 29 |
| S 30 | 22 32 1 | 6°37'07 | 3♋39 | 20° 3 | 27°57 | 13° 5 | 9°34 | 10°47 | 3°21 | 20° 9 | 14°13 | 4°49 | 5°49 | 16° 0 | 29°42 | S 30 |
| M31 | 22 35 57 | 7♍34'58 | 17♋58 | 21♍47 | 29♋ 6 | 13♉27 | 9♊39 | 10♋53 | 3♒19 | 20♌12 | 14♋14 | 4♈46 | 5♈46 | 16♐ 6 | 29♈41 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 18n 1 | 26n 9 | 4n31 | 21n24 | 0n 0 | 20n49 | 2s30 | 8n18 | 3s 4 | 20n20 | 0s54 | 22n17 | 0s53 | 19s43 | 0s37 | 15n 9 | 0n 5 | 18n53 | 3s50 | 2n29 | 2n55 | 26s55 | 11n55 | 0n30 |
| S 2 | 17 46 | 28 10 | 4 58 | 21 17 | 0 12 | 20 54 | 2 27 | 8 29 | 3 5 | 20 21 | 0 54 | 22 17 | 0 53 | 19 43 | 0 37 | 15 8 | 0 5 | 18 52 | 3 50 | 2 27 | 2 54 | 26 56 | 11 55 | 0 30 |
| M 3 | 17 31 | 28 13 | 5 5 | 21 7 | 0 24 | 20 58 | 2 24 | 8 40 | 3 5 | 20 23 | 0 54 | 22 16 | 0 53 | 19 44 | 0 37 | 15 8 | 0 5 | 18 52 | 3 50 | 2 24 | 2 52 | 26 58 | 11 55 | 0 30 |
| T 4 | 17 15 | 26 18 | 4 52 | 20 55 | 0 35 | 21 2 | 2 21 | 8 51 | 3 6 | 20 24 | 0 54 | 22 16 | 0 53 | 19 45 | 0 37 | 15 7 | 0 5 | 18 52 | 3 50 | 2 21 | 2 51 | 26 59 | 11 55 | 0 30 |
| W 5 | 16 59 | 22 38 | 4 21 | 20 40 | 0 45 | 21 5 | 2 18 | 9 2 | 3 6 | 20 26 | 0 54 | 22 16 | 0 53 | 19 45 | 0 37 | 15 6 | 0 5 | 18 52 | 3 50 | 2 17 | 2 50 | 27 0 | 11 55 | 0 29 |
| T 6 | 16 43 | 17 39 | 3 33 | 20 23 | 0 54 | 21 8 | 2 15 | 9 13 | 3 7 | 20 27 | 0 55 | 22 15 | 0 53 | 19 46 | 0 37 | 15 6 | 0 5 | 18 52 | 3 50 | 2 15 | 2 49 | 27 1 | 11 55 | 0 29 |
| F 7 | 16 26 | 11 51 | 2 34 | 20 3 | 1 3 | 21 11 | 2 12 | 9 23 | 3 7 | 20 29 | 0 55 | 22 15 | 0 53 | 19 46 | 0 37 | 15 5 | 0 5 | 18 52 | 3 50 | 2 12 | 2 47 | 27 2 | 11 55 | 0 29 |
| S 8 | 16 9 | 5 38 | 1 27 | 19 40 | 1 11 | 21 13 | 2 9 | 9 33 | 3 8 | 20 30 | 0 55 | 22 14 | 0 53 | 19 47 | 0 37 | 15 4 | 0 5 | 18 52 | 3 50 | 2 11 | 2 46 | 27 4 | 11 55 | 0 29 |
| S 9 | 15 52 | 0s39 | 0 17 | 19 15 | 1 18 | 21 14 | 2 6 | 9 43 | 3 8 | 20 32 | 0 55 | 22 14 | 0 53 | 19 47 | 0 37 | 15 4 | 0 5 | 18 52 | 3 50 | 2 11 | 2 45 | 27 5 | 11 55 | 0 29 |
| M10 | 15 35 | 6 43 | 0s51 | 18 47 | 1 24 | 21 15 | 2 2 | 9 53 | 3 9 | 20 33 | 0 55 | 22 14 | 0 53 | 19 48 | 0 37 | 15 3 | 0 5 | 18 51 | 3 50 | 2 11 | 2 44 | 27 6 | 11 54 | 0 29 |
| T 11 | 15 17 | 12 22 | 1 56 | 18 18 | 1 30 | 21 15 | 1 59 | 10 3 | 3 9 | 20 34 | 0 55 | 22 13 | 0 53 | 19 48 | 0 37 | 15 2 | 0 5 | 18 51 | 3 50 | 2 11 | 2 42 | 27 7 | 11 54 | 0 29 |
| W12 | 15 0 | 17 26 | 2 54 | 17 46 | 1 34 | 21 15 | 1 56 | 10 13 | 3 9 | 20 36 | 0 55 | 22 13 | 0 53 | 19 49 | 0 37 | 15 2 | 0 6 | 18 51 | 3 50 | 2 12 | 2 41 | 27 8 | 11 54 | 0 29 |
| T 13 | 14 41 | 21 44 | 3 43 | 17 12 | 1 38 | 21 15 | 1 52 | 10 22 | 3 10 | 20 37 | 0 55 | 22 12 | 0 52 | 19 49 | 0 37 | 15 1 | 0 6 | 18 51 | 3 50 | 2 12 | 2 40 | 27 10 | 11 54 | 0 29 |
| F 14 | 14 23 | 25 7 | 4 23 | 16 36 | 1 41 | 21 14 | 1 49 | 10 32 | 3 10 | 20 38 | 0 55 | 22 12 | 0 52 | 19 50 | 0 37 | 15 0 | 0 6 | 18 51 | 3 50 | 2 11 | 2 39 | 27 11 | 11 54 | 0 29 |
| S 15 | 14 5 | 27 24 | 4 50 | 15 59 | 1 43 | 21 12 | 1 45 | 10 41 | 3 10 | 20 39 | 0 55 | 22 11 | 0 52 | 19 51 | 0 37 | 15 0 | 0 6 | 18 51 | 3 50 | 2 10 | 2 37 | 27 12 | 11 53 | 0 29 |
| S 16 | 13 46 | 28 28 | 5 6 | 15 20 | 1 45 | 21 10 | 1 42 | 10 50 | 3 11 | 20 41 | 0 55 | 22 11 | 0 52 | 19 51 | 0 37 | 14 59 | 0 6 | 18 51 | 3 50 | 2 9 | 2 36 | 27 13 | 11 53 | 0 29 |
| M17 | 13 27 | 28 11 | 5 8 | 14 39 | 1 45 | 21 7 | 1 39 | 10 59 | 3 11 | 20 42 | 0 55 | 22 11 | 0 52 | 19 52 | 0 37 | 14 58 | 0 6 | 18 51 | 3 50 | 2 6 | 2 35 | 27 14 | 11 53 | 0 29 |
| T 18 | 13 8 | 26 32 | 4 57 | 13 58 | 1 45 | 21 4 | 1 35 | 11 8 | 3 11 | 20 43 | 0 55 | 22 10 | 0 52 | 19 52 | 0 37 | 14 58 | 0 6 | 18 50 | 3 50 | 2 4 | 2 34 | 27 15 | 11 52 | 0 29 |
| W19 | 12 49 | 23 36 | 4 31 | 13 16 | 1 45 | 21 0 | 1 31 | 11 16 | 3 11 | 20 44 | 0 56 | 22 10 | 0 52 | 19 53 | 0 37 | 14 57 | 0 6 | 18 50 | 3 50 | 2 1 | 2 32 | 27 16 | 11 52 | 0 29 |
| T 20 | 12 29 | 19 29 | 3 52 | 12 32 | 1 43 | 20 55 | 1 28 | 11 25 | 3 12 | 20 45 | 0 56 | 22 9 | 0 52 | 19 53 | 0 37 | 14 56 | 0 6 | 18 50 | 3 50 | 1 58 | 2 31 | 27 17 | 11 52 | 0 29 |
| F 21 | 12 9 | 14 25 | 3 0 | 11 48 | 1 42 | 20 50 | 1 24 | 11 33 | 3 12 | 20 46 | 0 56 | 22 9 | 0 52 | 19 54 | 0 37 | 14 55 | 0 6 | 18 50 | 3 50 | 1 56 | 2 30 | 27 19 | 11 51 | 0 29 |
| S 22 | 11 49 | 8 37 | 1 58 | 11 3 | 1 39 | 20 45 | 1 21 | 11 41 | 3 12 | 20 47 | 0 56 | 22 8 | 0 52 | 19 54 | 0 37 | 14 55 | 0 6 | 18 50 | 3 50 | 1 55 | 2 29 | 27 20 | 11 51 | 0 29 |
| S 23 | 11 29 | 2 21 | 0 48 | 10 18 | 1 36 | 20 39 | 1 17 | 11 49 | 3 12 | 20 48 | 0 56 | 22 8 | 0 52 | 19 55 | 0 37 | 14 54 | 0 6 | 18 50 | 3 50 | 1 54 | 2 27 | 27 21 | 11 50 | 0 29 |
| M24 | 11 9 | 4n 7 | 0n25 | 9 32 | 1 33 | 20 32 | 1 13 | 11 57 | 3 12 | 20 49 | 0 56 | 22 8 | 0 52 | 19 55 | 0 37 | 14 53 | 0 6 | 18 50 | 3 50 | 1 54 | 2 26 | 27 22 | 11 50 | 0 28 |
| T 25 | 10 49 | 10 30 | 1 38 | 8 46 | 1 29 | 20 25 | 1 10 | 12 5 | 3 12 | 20 50 | 0 56 | 22 7 | 0 52 | 19 55 | 0 37 | 14 53 | 0 6 | 18 50 | 3 50 | 1 54 | 2 25 | 27 23 | 11 50 | 0 28 |
| W26 | 10 28 | 16 26 | 2 47 | 8 0 | 1 24 | 20 17 | 1 6 | 12 12 | 3 12 | 20 51 | 0 56 | 22 7 | 0 52 | 19 56 | 0 37 | 14 52 | 0 6 | 18 50 | 3 50 | 1 55 | 2 24 | 27 24 | 11 49 | 0 28 |
| T 27 | 10 7 | 21 36 | 3 46 | 7 14 | 1 20 | 20 9 | 1 3 | 12 19 | 3 12 | 20 52 | 0 56 | 22 6 | 0 52 | 19 56 | 0 37 | 14 51 | 0 6 | 18 49 | 3 50 | 1 55 | 2 22 | 27 25 | 11 49 | 0 28 |
| F 28 | 9 46 | 25 34 | 4 32 | 6 27 | 1 14 | 20 0 | 0 59 | 12 27 | 3 12 | 20 53 | 0 56 | 22 6 | 0 52 | 19 57 | 0 37 | 14 51 | 0 6 | 18 49 | 3 50 | 1 56 | 2 21 | 27 26 | 11 48 | 0 28 |
| S 29 | 9 25 | 27 58 | 5 2 | 5 41 | 1 9 | 19 51 | 0 55 | 12 34 | 3 12 | 20 53 | 0 56 | 22 5 | 0 52 | 19 57 | 0 37 | 14 50 | 0 6 | 18 49 | 3 50 | 1 55 | 2 20 | 27 27 | 11 48 | 0 28 |
| S 30 | 9 4 | 28 33 | 5 13 | 4 54 | 1 3 | 19 41 | 0 52 | 12 40 | 3 12 | 20 54 | 0 57 | 22 5 | 0 52 | 19 58 | 0 37 | 14 49 | 0 6 | 18 49 | 3 50 | 1 55 | 2 19 | 27 28 | 11 47 | 0 28 |
| M31 | 8n42 | 27n13 | 5n 5 | 4n 8 | 0n57 | 19n31 | 0s48 | 12n47 | 3s12 | 20n55 | 0s57 | 22n 5 | 0s52 | 19s58 | 0s37 | 14n49 | 0n 6 | 18n49 | 3s50 | 1n53 | 2n17 | 27s29 | 11n46 | 0n28 |

Julian Day Number = 2603332.5, Delta T = 09m23s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'01, Lahiri = 29°40'03


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## SEPTEMBER 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 39 54 | 8♍32'50 | 2♌13 | 23♍29 | 0♌16 | 13♉48 | 9♊45 | 10♋58 | 3°R17 | 20♌14 | 14♋15 | 4°R42 | 5♈43 | 16♐13 | 29°R39 | T 1 |
| W 2 | 22 43 50 | 9°30'45 | 16°20 | 25°10 | 1°26 | 14°10 | 9°50 | 11° 3 | 3♒15 | 20°16 | 14°16 | 4♈39 | 5°40 | 16°20 | 29♈38 | W 2 |
| T 3 | 22 47 47 | 10°28'41 | 0♍15 | 26°50 | 2°36 | 14°30 | 9°55 | 11° 9 | 3°13 | 20°18 | 14°17 | 4°36 | 5°37 | 16°26 | 29°36 | T 3 |
| F 4 | 22 51 43 | 11°26'38 | 13°55 | 28°28 | 3°46 | 14°50 | 10° 0 | 11°14 | 3°12 | 20°20 | 14°18 | 4°33 | 5°34 | 16°33 | 29°35 | F 4 |
| S 5 | 22 55 40 | 12°24'37 | 27°16 | 0♎ 6 | 4°56 | 15° 9 | 10° 5 | 11°19 | 3°10 | 20°22 | 14°18 | 4°32 | 5°30 | 16°40 | 29°33 | S 5 |
| S 6 | 22 59 37 | 13°22'37 | 10♎17 | 1°41 | 6° 6 | 15°28 | 10°10 | 11°24 | 3° 8 | 20°24 | 14°19 | 4°D32 | 5°27 | 16°47 | 29°31 | S 6 |
| M 7 | 23 3 33 | 14°20'39 | 23° 0 | 3°16 | 7°16 | 15°46 | 10°14 | 11°29 | 3° 7 | 20°26 | 14°20 | 4°33 | 5°24 | 16°53 | 29°29 | M 7 |
| T 8 | 23 7 30 | 15°18'42 | 5♏25 | 4°49 | 8°27 | 16° 3 | 10°19 | 11°34 | 3° 5 | 20°28 | 14°21 | 4°34 | 5°21 | 17° 0 | 29°28 | T 8 |
| W 9 | 23 11 26 | 16°16'47 | 17°36 | 6°21 | 9°37 | 16°20 | 10°23 | 11°38 | 3° 3 | 20°30 | 14°22 | 4°36 | 5°18 | 17° 7 | 29°26 | W 9 |
| T 10 | 23 15 23 | 17°14'53 | 29°36 | 7°52 | 10°48 | 16°36 | 10°27 | 11°43 | 3° 2 | 20°32 | 14°23 | 4°37 | 5°15 | 17°13 | 29°24 | T 10 |
| F 11 | 23 19 19 | 18°13'01 | 11♐31 | 9°21 | 11°59 | 16°52 | 10°31 | 11°48 | 3° 0 | 20°34 | 14°23 | 4°38 | 5°11 | 17°20 | 29°22 | F 11 |
| S 12 | 23 23 16 | 19°11'10 | 23°23 | 10°49 | 13°10 | 17° 6 | 10°34 | 11°52 | 2°59 | 20°36 | 14°24 | 4°R38 | 5° 8 | 17°27 | 29°20 | S 12 |
| S 13 | 23 27 12 | 20° 9'20 | 5♑19 | 12°16 | 14°21 | 17°20 | 10°38 | 11°57 | 2°58 | 20°38 | 14°25 | 4°37 | 5° 5 | 17°34 | 29°18 | S 13 |
| M14 | 23 31 9 | 21° 7'32 | 17°23 | 13°42 | 15°32 | 17°34 | 10°41 | 12° 1 | 2°56 | 20°40 | 14°26 | 4°36 | 5° 2 | 17°40 | 29°16 | M14 |
| T 15 | 23 35 6 | 22° 5'45 | 29°38 | 15° 6 | 16°43 | 17°46 | 10°44 | 12° 5 | 2°55 | 20°42 | 14°26 | 4°34 | 4°59 | 17°47 | 29°14 | T 15 |
| W16 | 23 39 2 | 23° 4'00 | 12♒ 9 | 16°29 | 17°54 | 17°58 | 10°47 | 12°10 | 2°54 | 20°44 | 14°27 | 4°33 | 4°55 | 17°54 | 29°12 | W16 |
| T 17 | 23 42 59 | 24° 2'17 | 24°57 | 17°50 | 19° 5 | 18° 9 | 10°49 | 12°14 | 2°52 | 20°46 | 14°28 | 4°31 | 4°52 | 18° 0 | 29° 9 | T 17 |
| F 18 | 23 46 55 | 25° 0'34 | 8♓ 3 | 19°10 | 20°16 | 18°20 | 10°52 | 12°18 | 2°51 | 20°48 | 14°28 | 4°30 | 4°49 | 18° 7 | 29° 7 | F 18 |
| S 19 | 23 50 52 | 25°58'54 | 21°28 | 20°29 | 21°28 | 18°29 | 10°54 | 12°22 | 2°50 | 20°50 | 14°29 | 4°30 | 4°46 | 18°14 | 29° 5 | S 19 |
| S 20 | 23 54 48 | 26°57'15 | 5♈11 | 21°46 | 22°40 | 18°38 | 10°56 | 12°25 | 2°49 | 20°52 | 14°29 | 4°D29 | 4°43 | 18°21 | 29° 3 | S 20 |
| M21 | 23 58 45 | 27°55'39 | 19° 8 | 23° 1 | 23°51 | 18°46 | 10°58 | 12°29 | 2°48 | 20°54 | 14°30 | 4°30 | 4°40 | 18°27 | 29° 0 | M21 |
| T 22 | 0 2 41 | 28°54'04 | 3♉16 | 24°15 | 25° 3 | 18°53 | 11° 0 | 12°33 | 2°47 | 20°56 | 14°30 | 4°30 | 4°36 | 18°34 | 28°58 | T 22 |
| W23 | 0 6 38 | 29°52'31 | 17°32 | 25°27 | 26°15 | 19° 0 | 11° 1 | 12°36 | 2°46 | 20°58 | 14°31 | 4°30 | 4°33 | 18°41 | 28°56 | W23 |
| T 24 | 0 10 35 | 0♎51'01 | 1♊51 | 26°37 | 27°27 | 19° 5 | 11° 3 | 12°40 | 2°45 | 20°59 | 14°32 | 4°31 | 4°30 | 18°48 | 28°53 | T 24 |
| F 25 | 0 14 31 | 1°49'32 | 16° 9 | 27°46 | 28°39 | 19°10 | 11° 4 | 12°43 | 2°44 | 21° 1 | 14°32 | 4°31 | 4°27 | 18°54 | 28°51 | F 25 |
| S 26 | 0 18 28 | 2°48'06 | 0♋25 | 28°52 | 29°51 | 19°14 | 11° 5 | 12°46 | 2°43 | 21° 3 | 14°32 | 4°R31 | 4°24 | 19° 1 | 28°48 | S 26 |
| S 27 | 0 22 24 | 3°46'42 | 14°34 | 29°56 | 1♍ 3 | 19°17 | 11° 5 | 12°50 | 2°43 | 21° 5 | 14°33 | 4°31 | 4°20 | 19° 8 | 28°46 | S 27 |
| M28 | 0 26 21 | 4°45'21 | 28°36 | 0♏58 | 2°15 | 19°19 | 11° 6 | 12°53 | 2°42 | 21° 6 | 14°33 | 4°D31 | 4°17 | 19°14 | 28°43 | M28 |
| T 29 | 0 30 17 | 5°44'01 | 12♌27 | 1°57 | 3°27 | 19°21 | 11° 6 | 12°56 | 2°41 | 21° 8 | 14°34 | 4°31 | 4°14 | 19°21 | 28°41 | T 29 |
| W30 | 0 34 14 | 6♎42'44 | 26♌ 7 | 2♏54 | 4♍40 | 19°R21 | 11°R 6 | 12♋59 | 2♒41 | 21♌10 | 14♋34 | 4♈31 | 4♈11 | 19♐28 | 28♈38 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n21 | 24n 8 | 4n38 | 3n21 | 0n51 | 19n20 | 0s44 | 12n53 | 3s12 | 20n56 | 0s57 | 22n 4 | 0s52 | 19s59 | 0s37 | 14n48 | 0n 6 | 18n49 | 3s50 | 1n52 | 2n16 | 27s30 | 11n46 | 0n28 |
| W 2 | 7 59 | 19 38 | 3 54 | 2 35 | 0 44 | 19 8 | 0 41 | 13 0 | 3 12 | 20 56 | 0 57 | 22 4 | 0 52 | 19 59 | 0 37 | 14 47 | 0 6 | 18 49 | 3 50 | 1 51 | 2 15 | 27 31 | 11 45 | 0 28 |
| T 3 | 7 37 | 14 7 | 2 57 | 1 50 | 0 37 | 18 56 | 0 37 | 13 6 | 3 12 | 20 57 | 0 57 | 22 3 | 0 52 | 19 59 | 0 37 | 14 47 | 0 6 | 18 49 | 3 50 | 1 49 | 2 13 | 27 32 | 11 45 | 0 28 |
| F 4 | 7 15 | 8 1 | 1 51 | 1 4 | 0 30 | 18 44 | 0 34 | 13 12 | 3 12 | 20 58 | 0 57 | 22 3 | 0 52 | 20 0 | 0 37 | 14 46 | 0 6 | 18 48 | 3 50 | 1 48 | 2 12 | 27 33 | 11 44 | 0 28 |
| S 5 | 6 53 | 1 42 | 0 40 | 0 19 | 0 23 | 18 30 | 0 30 | 13 18 | 3 11 | 20 58 | 0 57 | 22 2 | 0 52 | 20 0 | 0 37 | 14 45 | 0 6 | 18 48 | 3 50 | 1 48 | 2 11 | 27 34 | 11 43 | 0 28 |
| S 6 | 6 31 | 4s33 | 0s32 | 0s26 | 0 15 | 18 17 | 0 26 | 13 23 | 3 11 | 20 59 | 0 57 | 22 2 | 0 52 | 20 0 | 0 37 | 14 45 | 0 6 | 18 48 | 3 50 | 1 48 | 2 10 | 27 35 | 11 43 | 0 28 |
| M 7 | 6 9 | 10 28 | 1 40 | 1 11 | 0 8 | 18 3 | 0 23 | 13 29 | 3 11 | 20 59 | 0 57 | 22 2 | 0 52 | 20 1 | 0 37 | 14 44 | 0 6 | 18 48 | 3 50 | 1 48 | 2 8 | 27 36 | 11 42 | 0 28 |
| T 8 | 5 47 | 15 51 | 2 42 | 1 55 | 0 0 | 17 48 | 0 19 | 13 34 | 3 10 | 21 0 | 0 57 | 22 1 | 0 52 | 20 1 | 0 37 | 14 44 | 0 6 | 18 48 | 3 50 | 1 49 | 2 7 | 27 37 | 11 41 | 0 28 |
| W 9 | 5 24 | 20 29 | 3 36 | 2 38 | 0s 8 | 17 33 | 0 16 | 13 39 | 3 10 | 21 1 | 0 58 | 22 1 | 0 52 | 20 2 | 0 37 | 14 43 | 0 6 | 18 48 | 3 50 | 1 49 | 2 6 | 27 38 | 11 41 | 0 27 |
| T 10 | 5 2 | 24 14 | 4 19 | 3 21 | 0 16 | 17 17 | 0 12 | 13 44 | 3 9 | 21 1 | 0 58 | 22 0 | 0 52 | 20 2 | 0 37 | 14 42 | 0 6 | 18 48 | 3 50 | 1 50 | 2 5 | 27 39 | 11 40 | 0 27 |
| F 11 | 4 39 | 26 55 | 4 51 | 4 4 | 0 24 | 17 1 | 0 9 | 13 49 | 3 9 | 21 1 | 0 58 | 22 0 | 0 52 | 20 2 | 0 37 | 14 42 | 0 6 | 18 48 | 3 50 | 1 50 | 2 3 | 27 40 | 11 39 | 0 27 |
| S 12 | 4 16 | 28 23 | 5 10 | 4 46 | 0 32 | 16 45 | 0 5 | 13 54 | 3 8 | 21 2 | 0 58 | 22 0 | 0 52 | 20 2 | 0 37 | 14 41 | 0 6 | 18 48 | 3 50 | 1 50 | 2 2 | 27 41 | 11 38 | 0 27 |
| S 13 | 3 53 | 28 32 | 5 16 | 5 27 | 0 40 | 16 28 | 0 2 | 13 58 | 3 8 | 21 2 | 0 58 | 21 59 | 0 52 | 20 3 | 0 36 | 14 40 | 0 6 | 18 47 | 3 50 | 1 50 | 2 1 | 27 42 | 11 38 | 0 27 |
| M14 | 3 31 | 27 21 | 5 8 | 6 8 | 0 48 | 16 10 | 0n 1 | 14 2 | 3 7 | 21 3 | 0 58 | 21 59 | 0 52 | 20 3 | 0 36 | 14 40 | 0 6 | 18 47 | 3 50 | 1 49 | 2 0 | 27 43 | 11 37 | 0 27 |
| T 15 | 3 8 | 24 51 | 4 46 | 6 48 | 0 57 | 15 52 | 0 5 | 14 6 | 3 7 | 21 3 | 0 58 | 21 58 | 0 52 | 20 3 | 0 36 | 14 39 | 0 6 | 18 47 | 3 50 | 1 49 | 1 58 | 27 43 | 11 36 | 0 27 |
| W16 | 2 45 | 21 7 | 4 11 | 7 28 | 1 5 | 15 34 | 0 8 | 14 10 | 3 6 | 21 3 | 0 58 | 21 58 | 0 52 | 20 4 | 0 36 | 14 39 | 0 6 | 18 47 | 3 50 | 1 48 | 1 57 | 27 44 | 11 35 | 0 27 |
| T 17 | 2 22 | 16 21 | 3 22 | 8 7 | 1 13 | 15 15 | 0 11 | 14 14 | 3 5 | 21 3 | 0 58 | 21 58 | 0 52 | 20 4 | 0 36 | 14 38 | 0 6 | 18 47 | 3 51 | 1 48 | 1 56 | 27 45 | 11 34 | 0 27 |
| F 18 | 1 59 | 10 43 | 2 21 | 8 45 | 1 22 | 14 55 | 0 14 | 14 18 | 3 4 | 21 4 | 0 58 | 21 57 | 0 52 | 20 4 | 0 36 | 14 37 | 0 6 | 18 47 | 3 51 | 1 47 | 1 55 | 27 46 | 11 33 | 0 27 |
| S 19 | 1 36 | 4 28 | 1 11 | 9 22 | 1 30 | 14 36 | 0 17 | 14 21 | 3 3 | 21 4 | 0 58 | 21 57 | 0 52 | 20 4 | 0 36 | 14 37 | 0 6 | 18 47 | 3 51 | 1 47 | 1 53 | 27 47 | 11 33 | 0 27 |
| S 20 | 1 13 | 2n 7 | 0n 4 | 9 59 | 1 38 | 14 15 | 0 21 | 14 25 | 3 2 | 21 4 | 0 59 | 21 57 | 0 52 | 20 5 | 0 36 | 14 36 | 0 6 | 18 47 | 3 51 | 1 47 | 1 52 | 27 48 | 11 32 | 0 27 |
| M21 | 0 49 | 8 43 | 1 20 | 10 34 | 1 46 | 13 55 | 0 24 | 14 28 | 3 1 | 21 4 | 0 59 | 21 56 | 0 52 | 20 5 | 0 36 | 14 36 | 0 6 | 18 47 | 3 51 | 1 47 | 1 51 | 27 49 | 11 31 | 0 27 |
| T 22 | 0 26 | 14 58 | 2 33 | 11 9 | 1 54 | 13 34 | 0 27 | 14 31 | 3 0 | 21 4 | 0 59 | 21 56 | 0 52 | 20 5 | 0 36 | 14 35 | 0 6 | 18 47 | 3 51 | 1 47 | 1 50 | 27 49 | 11 30 | 0 27 |
| W23 | 0 3 | 20 29 | 3 36 | 11 43 | 2 2 | 13 12 | 0 30 | 14 33 | 2 59 | 21 5 | 0 59 | 21 56 | 0 52 | 20 5 | 0 36 | 14 34 | 0 6 | 18 47 | 3 51 | 1 47 | 1 48 | 27 50 | 11 29 | 0 27 |
| T 24 | 0s20 | 24 51 | 4 27 | 12 16 | 2 10 | 12 51 | 0 33 | 14 36 | 2 58 | 21 5 | 0 59 | 21 55 | 0 52 | 20 5 | 0 36 | 14 34 | 0 6 | 18 46 | 3 51 | 1 47 | 1 47 | 27 51 | 11 28 | 0 26 |
| F 25 | 0 43 | 27 39 | 5 1 | 12 48 | 2 18 | 12 29 | 0 35 | 14 39 | 2 57 | 21 5 | 0 59 | 21 55 | 0 52 | 20 6 | 0 36 | 14 33 | 0 6 | 18 46 | 3 51 | 1 47 | 1 46 | 27 52 | 11 27 | 0 26 |
| S 26 | 1 7 | 28 39 | 5 16 | 13 19 | 2 25 | 12 6 | 0 38 | 14 41 | 2 56 | 21 5 | 0 59 | 21 55 | 0 52 | 20 6 | 0 36 | 14 33 | 0 6 | 18 46 | 3 51 | 1 48 | 1 45 | 27 53 | 11 26 | 0 26 |
| S 27 | 1 30 | 27 46 | 5 12 | 13 48 | 2 33 | 11 43 | 0 41 | 14 43 | 2 54 | 21 5 | 0 59 | 21 54 | 0 52 | 20 6 | 0 36 | 14 32 | 0 6 | 18 46 | 3 51 | 1 48 | 1 43 | 27 54 | 11 25 | 0 26 |
| M28 | 1 53 | 25 7 | 4 49 | 14 17 | 2 40 | 11 20 | 0 44 | 14 45 | 2 53 | 21 5 | 0 59 | 21 54 | 0 52 | 20 6 | 0 36 | 14 32 | 0 6 | 18 46 | 3 51 | 1 48 | 1 42 | 27 54 | 11 24 | 0 26 |
| T 29 | 2 16 | 21 2 | 4 10 | 14 44 | 2 47 | 10 56 | 0 46 | 14 47 | 2 51 | 21 5 | 0 59 | 21 54 | 0 52 | 20 6 | 0 36 | 14 31 | 0 6 | 18 46 | 3 51 | 1 48 | 1 41 | 27 55 | 11 23 | 0 26 |
| W30 | 2s40 | 15n52 | 3n17 | 15s10 | 2s53 | 10n32 | 0n49 | 14n48 | 2s50 | 21n 5 | 0s59 | 21n54 | 0s52 | 20s 6 | 0s36 | 14n31 | 0n 6 | 18n46 | 3s51 | 1n48 | 1n40 | 27s56 | 11n22 | 0n26 |

Julian Day Number = 2603363.5, Delta T = 09m24s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'06, Lahiri = 29°40'07


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## OCTOBER 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 38 10 | 7♎41'28 | 9♍35 | 3♏48 | 5♍52 | 19°R20 | 11°R 6 | 13♋ 1 | 2°R40 | 21♌11 | 14♋34 | 4♈32 | 4♈ 8 | 19♐35 | 28°R35 | T 1 |
| F 2 | 0 42 7 | 8°40'15 | 22°49 | 4°39 | 7° 5 | 19♉19 | 11♊ 6 | 13° 4 | 2♒39 | 21°13 | 14°35 | 4°32 | 4° 5 | 19°41 | 28♈33 | F 2 |
| S 3 | 0 46 4 | 9°39'04 | 5♎49 | 5°27 | 8°18 | 19°17 | 11° 6 | 13° 7 | 2°39 | 21°15 | 14°35 | 4°R32 | 4° 1 | 19°48 | 28°30 | S 3 |
| S 4 | 0 50 0 | 10°37'55 | 18°35 | 6°11 | 9°30 | 19°13 | 11° 5 | 13° 9 | 2°38 | 21°16 | 14°35 | 4°32 | 3°58 | 19°55 | 28°27 | S 4 |
| M 5 | 0 53 57 | 11°36'47 | 1♏ 7 | 6°51 | 10°43 | 19° 9 | 11° 4 | 13°12 | 2°38 | 21°18 | 14°36 | 4°31 | 3°55 | 20° 1 | 28°25 | M 5 |
| T 6 | 0 57 53 | 12°35'42 | 13°26 | 7°27 | 11°56 | 19° 4 | 11° 3 | 13°14 | 2°38 | 21°19 | 14°36 | 4°30 | 3°52 | 20° 8 | 28°22 | T 6 |
| W 7 | 1 1 50 | 13°34'38 | 25°34 | 7°58 | 13° 9 | 18°58 | 11° 2 | 13°16 | 2°37 | 21°21 | 14°36 | 4°29 | 3°49 | 20°15 | 28°19 | W 7 |
| T 8 | 1 5 46 | 14°33'37 | 7♐33 | 8°25 | 14°22 | 18°51 | 11° 0 | 13°18 | 2°37 | 21°22 | 14°36 | 4°28 | 3°46 | 20°22 | 28°16 | T 8 |
| F 9 | 1 9 43 | 15°32'37 | 19°27 | 8°46 | 15°35 | 18°44 | 10°58 | 13°20 | 2°37 | 21°24 | 14°36 | 4°26 | 3°42 | 20°28 | 28°14 | F 9 |
| S 10 | 1 13 39 | 16°31'39 | 1♑19 | 9° 1 | 16°48 | 18°35 | 10°56 | 13°22 | 2°37 | 21°25 | 14°36 | 4°25 | 3°39 | 20°35 | 28°11 | S 10 |
| S 11 | 1 17 36 | 17°30'43 | 13°13 | 9°10 | 18° 1 | 18°26 | 10°54 | 13°24 | 2°37 | 21°27 | 14°37 | 4°D25 | 3°36 | 20°42 | 28° 8 | S 11 |
| M12 | 1 21 33 | 18°29'48 | 25°15 | 9°R12 | 19°14 | 18°16 | 10°52 | 13°25 | 2°D37 | 21°28 | 14°37 | 4°25 | 3°33 | 20°48 | 28° 5 | M12 |
| T 13 | 1 25 29 | 19°28'55 | 7♒29 | 9° 8 | 20°28 | 18° 5 | 10°50 | 13°27 | 2°37 | 21°30 | 14°37 | 4°26 | 3°30 | 20°55 | 28° 2 | T 13 |
| W14 | 1 29 26 | 20°28'04 | 19°59 | 8°55 | 21°41 | 17°53 | 10°47 | 13°28 | 2°37 | 21°31 | 14°37 | 4°27 | 3°26 | 21° 2 | 28° 0 | W14 |
| T 15 | 1 33 22 | 21°27'15 | 2♓49 | 8°35 | 22°54 | 17°40 | 10°44 | 13°29 | 2°37 | 21°32 | 14°R37 | 4°28 | 3°23 | 21° 9 | 27°57 | T 15 |
| F 16 | 1 37 19 | 22°26'27 | 16° 1 | 8° 7 | 24° 8 | 17°27 | 10°41 | 13°31 | 2°37 | 21°34 | 14°37 | 4°29 | 3°20 | 21°15 | 27°54 | F 16 |
| S 17 | 1 41 15 | 23°25'41 | 29°38 | 7°30 | 25°21 | 17°13 | 10°38 | 13°32 | 2°37 | 21°35 | 14°37 | 4°R30 | 3°17 | 21°22 | 27°51 | S 17 |
| S 18 | 1 45 12 | 24°24'58 | 13♈38 | 6°46 | 26°35 | 16°58 | 10°34 | 13°33 | 2°37 | 21°36 | 14°37 | 4°30 | 3°14 | 21°29 | 27°48 | S 18 |
| M19 | 1 49 8 | 25°24'16 | 27°59 | 5°54 | 27°48 | 16°43 | 10°30 | 13°34 | 2°38 | 21°37 | 14°37 | 4°29 | 3°11 | 21°35 | 27°45 | M19 |
| T 20 | 1 53 5 | 26°23'36 | 12♉35 | 4°55 | 29° 2 | 16°27 | 10°27 | 13°34 | 2°38 | 21°38 | 14°36 | 4°26 | 3° 7 | 21°42 | 27°42 | T 20 |
| W21 | 1 57 1 | 27°22'58 | 27°19 | 3°50 | 0♎16 | 16°10 | 10°23 | 13°35 | 2°39 | 21°40 | 14°36 | 4°24 | 3° 4 | 21°49 | 27°40 | W21 |
| T 22 | 2 0 58 | 28°22'23 | 12♊ 5 | 2°40 | 1°30 | 15°53 | 10°18 | 13°35 | 2°39 | 21°41 | 14°36 | 4°20 | 3° 1 | 21°56 | 27°37 | T 22 |
| F 23 | 2 4 55 | 29°21'50 | 26°45 | 1°28 | 2°44 | 15°36 | 10°14 | 13°36 | 2°39 | 21°42 | 14°36 | 4°17 | 2°58 | 22° 2 | 27°34 | F 23 |
| S 24 | 2 8 51 | 0♏21'19 | 11♋13 | 0°14 | 3°57 | 15°17 | 10° 9 | 13°36 | 2°40 | 21°43 | 14°36 | 4°15 | 2°55 | 22° 9 | 27°31 | S 24 |
| S 25 | 2 12 48 | 1°20'50 | 25°26 | 29♎ 2 | 5°11 | 14°59 | 10° 5 | 13°36 | 2°41 | 21°44 | 14°36 | 4°D14 | 2°52 | 22°16 | 27°28 | S 25 |
| M26 | 2 16 44 | 2°20'24 | 9♌21 | 27°52 | 6°25 | 14°40 | 10° 0 | 13°R36 | 2°41 | 21°45 | 14°35 | 4°14 | 2°48 | 22°23 | 27°25 | M26 |
| T 27 | 2 20 41 | 3°20'00 | 22°58 | 26°48 | 7°40 | 14°20 | 9°55 | 13°36 | 2°42 | 21°46 | 14°35 | 4°15 | 2°45 | 22°29 | 27°22 | T 27 |
| W28 | 2 24 37 | 4°19'38 | 6♍19 | 25°52 | 8°54 | 14° 1 | 9°49 | 13°36 | 2°43 | 21°47 | 14°35 | 4°16 | 2°42 | 22°36 | 27°20 | W28 |
| T 29 | 2 28 34 | 5°19'19 | 19°24 | 25° 4 | 10° 8 | 13°41 | 9°44 | 13°36 | 2°44 | 21°48 | 14°35 | 4°18 | 2°39 | 22°43 | 27°17 | T 29 |
| F 30 | 2 32 30 | 6°19'01 | 2♎16 | 24°26 | 11°22 | 13°21 | 9°38 | 13°36 | 2°45 | 21°49 | 14°34 | 4°R19 | 2°36 | 22°49 | 27°14 | F 30 |
| S 31 | 2 36 27 | 7♏18'46 | 14♎55 | 23♎59 | 12♎36 | 13♉ 0 | 9♊33 | 13♋35 | 2♒45 | 21♌49 | 14♋34 | 4♈18 | 2♈32 | 22♐56 | 27♈11 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 3 | 10n 2 | 2n14 | 15s35 | 3s 0 | 10n 8 | 0n52 | 14n50 | 2s48 | 21n 5 | 1s 0 | 21n53 | 0s52 | 20s 6 | 0s36 | 14n30 | 0n 6 | 18n46 | 3s51 | 1n48 | 1n38 | 27s57 | 11n21 | 0n26 |
| F 2 | 3 26 | 3 50 | 1 4 | 15 58 | 3 6 | 9 44 | 0 54 | 14 51 | 2 46 | 21 4 | 1 0 | 21 53 | 0 52 | 20 7 | 0 36 | 14 30 | 0 6 | 18 46 | 3 51 | 1 48 | 1 37 | 27 57 | 11 20 | 0 26 |
| S 3 | 3 49 | 2s25 | 0s 7 | 16 19 | 3 11 | 9 19 | 0 56 | 14 52 | 2 45 | 21 4 | 1 0 | 21 53 | 0 52 | 20 7 | 0 36 | 14 29 | 0 6 | 18 46 | 3 51 | 1 48 | 1 36 | 27 58 | 11 19 | 0 26 |
| S 4 | 4 12 | 8 28 | 1 17 | 16 39 | 3 17 | 8 54 | 0 59 | 14 53 | 2 43 | 21 4 | 1 0 | 21 52 | 0 52 | 20 7 | 0 36 | 14 29 | 0 6 | 18 46 | 3 51 | 1 48 | 1 35 | 27 59 | 11 18 | 0 26 |
| M 5 | 4 35 | 14 3 | 2 22 | 16 56 | 3 21 | 8 29 | 1 1 | 14 53 | 2 41 | 21 4 | 1 0 | 21 52 | 0 52 | 20 7 | 0 36 | 14 28 | 0 6 | 18 46 | 3 51 | 1 48 | 1 33 | 28 0 | 11 17 | 0 26 |
| T 6 | 4 58 | 19 0 | 3 19 | 17 12 | 3 25 | 8 3 | 1 3 | 14 54 | 2 39 | 21 4 | 1 0 | 21 52 | 0 52 | 20 7 | 0 36 | 14 28 | 0 6 | 18 46 | 3 51 | 1 47 | 1 32 | 28 0 | 11 16 | 0 26 |
| W 7 | 5 21 | 23 6 | 4 6 | 17 26 | 3 29 | 7 37 | 1 5 | 14 54 | 2 37 | 21 3 | 1 0 | 21 52 | 0 52 | 20 7 | 0 36 | 14 27 | 0 6 | 18 46 | 3 51 | 1 47 | 1 31 | 28 1 | 11 15 | 0 25 |
| T 8 | 5 44 | 26 10 | 4 42 | 17 37 | 3 31 | 7 11 | 1 8 | 14 55 | 2 35 | 21 3 | 1 0 | 21 52 | 0 52 | 20 7 | 0 36 | 14 27 | 0 6 | 18 45 | 3 51 | 1 46 | 1 29 | 28 2 | 11 14 | 0 25 |
| F 9 | 6 6 | 28 2 | 5 5 | 17 46 | 3 33 | 6 45 | 1 10 | 14 55 | 2 33 | 21 3 | 1 0 | 21 51 | 0 52 | 20 7 | 0 36 | 14 26 | 0 6 | 18 45 | 3 51 | 1 46 | 1 28 | 28 3 | 11 13 | 0 25 |
| S 10 | 6 29 | 28 38 | 5 16 | 17 52 | 3 35 | 6 18 | 1 12 | 14 55 | 2 30 | 21 2 | 1 0 | 21 51 | 0 52 | 20 7 | 0 36 | 14 26 | 0 6 | 18 45 | 3 51 | 1 45 | 1 27 | 28 3 | 11 12 | 0 25 |
| S 11 | 6 52 | 27 55 | 5 12 | 17 54 | 3 35 | 5 51 | 1 13 | 14 54 | 2 28 | 21 2 | 1 0 | 21 51 | 0 52 | 20 7 | 0 36 | 14 25 | 0 6 | 18 45 | 3 51 | 1 45 | 1 26 | 28 4 | 11 11 | 0 25 |
| M12 | 7 14 | 25 53 | 4 55 | 17 54 | 3 34 | 5 24 | 1 15 | 14 54 | 2 25 | 21 2 | 1 0 | 21 51 | 0 52 | 20 7 | 0 36 | 14 25 | 0 6 | 18 45 | 3 51 | 1 45 | 1 24 | 28 5 | 11 10 | 0 25 |
| T 13 | 7 36 | 22 38 | 4 25 | 17 51 | 3 31 | 4 57 | 1 17 | 14 53 | 2 23 | 21 1 | 1 1 | 21 51 | 0 52 | 20 7 | 0 36 | 14 24 | 0 6 | 18 45 | 3 51 | 1 45 | 1 23 | 28 5 | 11 9 | 0 25 |
| W14 | 7 59 | 18 18 | 3 42 | 17 43 | 3 28 | 4 30 | 1 19 | 14 53 | 2 20 | 21 1 | 1 1 | 21 51 | 0 52 | 20 7 | 0 36 | 14 24 | 0 6 | 18 45 | 3 51 | 1 46 | 1 22 | 28 6 | 11 8 | 0 25 |
| T 15 | 8 21 | 13 2 | 2 46 | 17 32 | 3 23 | 4 2 | 1 20 | 14 52 | 2 18 | 21 0 | 1 1 | 21 50 | 0 52 | 20 7 | 0 36 | 14 24 | 0 6 | 18 45 | 3 51 | 1 46 | 1 21 | 28 7 | 11 6 | 0 25 |
| F 16 | 8 43 | 7 2 | 1 40 | 17 16 | 3 16 | 3 35 | 1 22 | 14 51 | 2 15 | 21 0 | 1 1 | 21 50 | 0 52 | 20 7 | 0 36 | 14 23 | 0 6 | 18 45 | 3 52 | 1 47 | 1 19 | 28 7 | 11 5 | 0 25 |
| S 17 | 9 5 | 0 33 | 0 27 | 16 56 | 3 7 | 3 7 | 1 23 | 14 50 | 2 12 | 20 59 | 1 1 | 21 50 | 0 52 | 20 7 | 0 36 | 14 23 | 0 6 | 18 45 | 3 52 | 1 47 | 1 18 | 28 8 | 11 4 | 0 25 |
| S 18 | 9 27 | 6n 8 | 0n50 | 16 32 | 2 57 | 2 39 | 1 25 | 14 48 | 2 9 | 20 59 | 1 1 | 21 50 | 0 52 | 20 7 | 0 36 | 14 22 | 0 6 | 18 45 | 3 52 | 1 47 | 1 17 | 28 9 | 11 3 | 0 25 |
| M19 | 9 48 | 12 41 | 2 6 | 16 3 | 2 45 | 2 11 | 1 26 | 14 47 | 2 6 | 20 58 | 1 1 | 21 50 | 0 52 | 20 7 | 0 36 | 14 22 | 0 6 | 18 45 | 3 52 | 1 47 | 1 16 | 28 9 | 11 2 | 0 25 |
| T 20 | 10 10 | 18 40 | 3 14 | 15 30 | 2 31 | 1 43 | 1 27 | 14 45 | 2 3 | 20 58 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 22 | 0 6 | 18 45 | 3 52 | 1 46 | 1 14 | 28 10 | 11 1 | 0 24 |
| W21 | 10 31 | 23 35 | 4 11 | 14 54 | 2 16 | 1 15 | 1 28 | 14 44 | 2 0 | 20 57 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 21 | 0 6 | 18 45 | 3 52 | 1 45 | 1 13 | 28 10 | 11 0 | 0 24 |
| T 22 | 10 52 | 26 59 | 4 50 | 14 14 | 1 59 | 0 47 | 1 29 | 14 42 | 1 57 | 20 56 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 21 | 0 6 | 18 45 | 3 52 | 1 43 | 1 12 | 28 11 | 10 59 | 0 24 |
| F 23 | 11 13 | 28 32 | 5 11 | 13 31 | 1 40 | 0 18 | 1 30 | 14 40 | 1 53 | 20 56 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 21 | 0 6 | 18 45 | 3 52 | 1 42 | 1 11 | 28 12 | 10 58 | 0 24 |
| S 24 | 11 34 | 28 5 | 5 11 | 12 47 | 1 21 | 0s10 | 1 31 | 14 38 | 1 50 | 20 55 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 20 | 0 6 | 18 45 | 3 52 | 1 41 | 1 9 | 28 12 | 10 57 | 0 24 |
| S 25 | 11 55 | 25 48 | 4 52 | 12 3 | 1 0 | 0 39 | 1 32 | 14 36 | 1 47 | 20 54 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 20 | 0 6 | 18 45 | 3 52 | 1 41 | 1 8 | 28 13 | 10 55 | 0 24 |
| M26 | 12 16 | 22 0 | 4 17 | 11 19 | 0 40 | 1 7 | 1 33 | 14 33 | 1 43 | 20 54 | 1 1 | 21 50 | 0 52 | 20 6 | 0 36 | 14 20 | 0 6 | 18 45 | 3 52 | 1 41 | 1 7 | 28 13 | 10 54 | 0 24 |
| T 27 | 12 36 | 17 5 | 3 27 | 10 36 | 0 19 | 1 36 | 1 34 | 14 31 | 1 40 | 20 53 | 1 1 | 21 50 | 0 52 | 20 5 | 0 35 | 14 19 | 0 6 | 18 45 | 3 52 | 1 41 | 1 6 | 28 14 | 10 53 | 0 24 |
| W28 | 12 56 | 11 27 | 2 27 | 9 57 | 0n 1 | 2 4 | 1 34 | 14 29 | 1 36 | 20 52 | 1 1 | 21 50 | 0 52 | 20 5 | 0 35 | 14 19 | 0 6 | 18 45 | 3 52 | 1 42 | 1 4 | 28 14 | 10 52 | 0 24 |
| T 29 | 13 16 | 5 25 | 1 21 | 9 22 | 0 20 | 2 33 | 1 35 | 14 26 | 1 33 | 20 51 | 1 1 | 21 50 | 0 52 | 20 5 | 0 35 | 14 19 | 0 6 | 18 45 | 3 52 | 1 42 | 1 3 | 28 15 | 10 51 | 0 24 |
| F 30 | 13 36 | 0s43 | 0 11 | 8 51 | 0 38 | 3 1 | 1 35 | 14 24 | 1 29 | 20 50 | 1 1 | 21 50 | 0 52 | 20 5 | 0 35 | 14 19 | 0 6 | 18 45 | 3 52 | 1 43 | 1 2 | 28 15 | 10 50 | 0 24 |
| S 31 | 13s55 | 6s45 | 0s58 | 8s26 | 0n55 | 3s30 | 1n36 | 14n21 | 1s26 | 20n49 | 1s 1 | 21n50 | 0s52 | 20s 5 | 0s35 | 14n18 | 0n 6 | 18n45 | 3s52 | 1n42 | 1n 1 | 28s16 | 10n49 | 0n23 |

Julian Day Number = 2603393.5, Delta T = 09m24s
Ecliptic obliquity = 23°23'17, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'10, Lahiri = 29°40'11


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## NOVEMBER 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 40 24 | 8♏18'32 | 27♎23 | 23°R43 | 13♎51 | 12°R40 | 9°R27 | 13°R35 | 2♒46 | 21♌50 | 14°R34 | 4°R16 | 2♈29 | 23♐ 3 | 27°R 8 | S 1 |
| M 2 | 2 44 20 | 9°18'21 | 9♏41 | 23°D39 | 15° 5 | 12♉19 | 9♊21 | 13♋34 | 2°47 | 21°51 | 14♋33 | 4♈12 | 2°26 | 23°10 | 27♈ 5 | M 2 |
| T 3 | 2 48 17 | 10°18'12 | 21°51 | 23♎45 | 16°19 | 11°59 | 9°15 | 13°33 | 2°48 | 21°52 | 14°33 | 4° 6 | 2°23 | 23°16 | 27° 3 | T 3 |
| W 4 | 2 52 13 | 11°18'05 | 3♐53 | 24° 3 | 17°34 | 11°39 | 9° 8 | 13°32 | 2°50 | 21°52 | 14°32 | 4° 0 | 2°20 | 23°23 | 27° 0 | W 4 |
| T 5 | 2 56 10 | 12°17'59 | 15°49 | 24°30 | 18°48 | 11°18 | 9° 2 | 13°31 | 2°51 | 21°53 | 14°32 | 3°52 | 2°17 | 23°30 | 26°57 | T 5 |
| F 6 | 3 0 6 | 13°17'55 | 27°41 | 25° 7 | 20° 3 | 10°58 | 8°55 | 13°30 | 2°52 | 21°54 | 14°31 | 3°45 | 2°13 | 23°36 | 26°54 | F 6 |
| S 7 | 3 4 3 | 14°17'54 | 9♑32 | 25°53 | 21°17 | 10°38 | 8°48 | 13°29 | 2°53 | 21°54 | 14°31 | 3°39 | 2°10 | 23°43 | 26°52 | S 7 |
| S 8 | 3 8 0 | 15°17'53 | 21°25 | 26°45 | 22°32 | 10°19 | 8°41 | 13°27 | 2°55 | 21°55 | 14°30 | 3°34 | 2° 7 | 23°50 | 26°49 | S 8 |
| M 9 | 3 11 56 | 16°17'54 | 3♒23 | 27°45 | 23°46 | 10° 0 | 8°34 | 13°26 | 2°56 | 21°55 | 14°30 | 3°31 | 2° 4 | 23°57 | 26°46 | M 9 |
| T 10 | 3 15 53 | 17°17'57 | 15°33 | 28°50 | 25° 1 | 9°41 | 8°27 | 13°24 | 2°57 | 21°56 | 14°29 | 3°D30 | 2° 1 | 24° 3 | 26°44 | T 10 |
| W11 | 3 19 49 | 18°18'02 | 27°57 | 0♏ 1 | 26°16 | 9°22 | 8°20 | 13°23 | 2°59 | 21°56 | 14°29 | 3°30 | 1°58 | 24°10 | 26°41 | W11 |
| T 12 | 3 23 46 | 19°18'07 | 10♓42 | 1°16 | 27°30 | 9° 4 | 8°13 | 13°21 | 3° 0 | 21°57 | 14°28 | 3°32 | 1°54 | 24°17 | 26°38 | T 12 |
| F 13 | 3 27 42 | 20°18'15 | 23°51 | 2°34 | 28°45 | 8°47 | 8° 5 | 13°19 | 3° 2 | 21°57 | 14°27 | 3°33 | 1°51 | 24°24 | 26°36 | F 13 |
| S 14 | 3 31 39 | 21°18'24 | 7♈28 | 3°56 | 29°59 | 8°29 | 7°58 | 13°17 | 3° 4 | 21°58 | 14°27 | 3°R33 | 1°48 | 24°30 | 26°33 | S 14 |
| S 15 | 3 35 35 | 22°18'34 | 21°33 | 5°20 | 1♏15 | 8°13 | 7°50 | 13°15 | 3° 5 | 21°58 | 14°26 | 3°32 | 1°45 | 24°37 | 26°31 | S 15 |
| M16 | 3 39 32 | 23°18'46 | 6♉ 4 | 6°47 | 2°30 | 7°57 | 7°43 | 13°13 | 3° 7 | 21°58 | 14°25 | 3°28 | 1°42 | 24°44 | 26°28 | M16 |
| T 17 | 3 43 28 | 24°19'00 | 20°58 | 8°16 | 3°44 | 7°42 | 7°35 | 13°10 | 3° 9 | 21°59 | 14°25 | 3°22 | 1°38 | 24°50 | 26°26 | T 17 |
| W18 | 3 47 25 | 25°19'16 | 6♊ 5 | 9°46 | 4°59 | 7°27 | 7°27 | 13° 8 | 3°10 | 21°59 | 14°24 | 3°15 | 1°35 | 24°57 | 26°23 | W18 |
| T 19 | 3 51 22 | 26°19'33 | 21°17 | 11°17 | 6°14 | 7°13 | 7°19 | 13° 5 | 3°12 | 21°59 | 14°23 | 3° 6 | 1°32 | 25° 4 | 26°21 | T 19 |
| F 20 | 3 55 18 | 27°19'52 | 6♋21 | 12°50 | 7°29 | 7° 0 | 7°11 | 13° 3 | 3°14 | 21°59 | 14°22 | 2°58 | 1°29 | 25°11 | 26°19 | F 20 |
| S 21 | 3 59 15 | 28°20'13 | 21°10 | 14°23 | 8°44 | 6°47 | 7° 3 | 13° 0 | 3°16 | 21°59 | 14°22 | 2°52 | 1°26 | 25°17 | 26°16 | S 21 |
| S 22 | 4 3 11 | 29°20'36 | 5♌36 | 15°56 | 9°59 | 6°36 | 6°55 | 12°57 | 3°18 | 22° 0 | 14°21 | 2°47 | 1°23 | 25°24 | 26°14 | S 22 |
| M23 | 4 7 8 | 0♐21'01 | 19°38 | 17°31 | 11°14 | 6°25 | 6°47 | 12°54 | 3°20 | 22° 0 | 14°20 | 2°44 | 1°19 | 25°31 | 26°12 | M23 |
| T 24 | 4 11 4 | 1°21'27 | 3♍14 | 19° 5 | 12°29 | 6°14 | 6°39 | 12°52 | 3°22 | 22° 0 | 14°19 | 2°D44 | 1°16 | 25°38 | 26° 9 | T 24 |
| W25 | 4 15 1 | 2°21'56 | 16°27 | 20°40 | 13°44 | 6° 5 | 6°31 | 12°48 | 3°24 | 22°R 0 | 14°18 | 2°44 | 1°13 | 25°44 | 26° 7 | W25 |
| T 26 | 4 18 58 | 3°22'26 | 29°20 | 22°15 | 14°59 | 5°56 | 6°23 | 12°45 | 3°26 | 22° 0 | 14°18 | 2°R45 | 1°10 | 25°51 | 26° 5 | T 26 |
| F 27 | 4 22 54 | 4°22'58 | 11♎56 | 23°50 | 16°14 | 5°48 | 6°15 | 12°42 | 3°28 | 22° 0 | 14°17 | 2°45 | 1° 7 | 25°58 | 26° 3 | F 27 |
| S 28 | 4 26 51 | 5°23'32 | 24°19 | 25°25 | 17°29 | 5°41 | 6° 7 | 12°39 | 3°31 | 21°59 | 14°16 | 2°42 | 1° 4 | 26° 4 | 26° 1 | S 28 |
| S 29 | 4 30 47 | 6°24'07 | 6♏33 | 27° 1 | 18°45 | 5°34 | 5°58 | 12°35 | 3°33 | 21°59 | 14°15 | 2°37 | 1° 0 | 26°11 | 25°59 | S 29 |
| M30 | 4 34 44 | 7♐24'44 | 18♏38 | 28♏36 | 20♏ 0 | 5♉29 | 5♊50 | 12♋32 | 3♒35 | 21♌59 | 14♋14 | 2♈29 | 0♈57 | 26♐18 | 25♈57 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s15 | 12s25 | 2s 2 | 8s 6 | 1n10 | 3s58 | 1n36 | 14n18 | 1s22 | 20n49 | 1s 1 | 21n50 | 0s52 | 20s 4 | 0s35 | 14n18 | 0n 7 | 18n45 | 3s52 | 1n42 | 0n59 | 28s16 | 10n48 | 0n23 |
| M 2 | 14 34 | 17 32 | 3 1 | 7 52 | 1 24 | 4 27 | 1 36 | 14 16 | 1 18 | 20 48 | 1 1 | 21 50 | 0 52 | 20 4 | 0 35 | 14 18 | 0 7 | 18 45 | 3 52 | 1 40 | 0 58 | 28 17 | 10 47 | 0 23 |
| T 3 | 14 53 | 21 53 | 3 50 | 7 44 | 1 35 | 4 55 | 1 37 | 14 13 | 1 14 | 20 47 | 1 1 | 21 50 | 0 52 | 20 4 | 0 35 | 14 18 | 0 7 | 18 45 | 3 52 | 1 38 | 0 57 | 28 17 | 10 46 | 0 23 |
| W 4 | 15 11 | 25 16 | 4 28 | 7 41 | 1 45 | 5 23 | 1 37 | 14 10 | 1 11 | 20 46 | 1 1 | 21 50 | 0 52 | 20 3 | 0 35 | 14 17 | 0 7 | 18 45 | 3 52 | 1 35 | 0 55 | 28 18 | 10 44 | 0 23 |
| T 5 | 15 30 | 27 30 | 4 54 | 7 43 | 1 53 | 5 52 | 1 37 | 14 8 | 1 7 | 20 45 | 1 1 | 21 50 | 0 52 | 20 3 | 0 35 | 14 17 | 0 7 | 18 45 | 3 52 | 1 32 | 0 54 | 28 18 | 10 43 | 0 23 |
| F 6 | 15 48 | 28 29 | 5 7 | 7 50 | 2 0 | 6 20 | 1 37 | 14 5 | 1 3 | 20 44 | 1 1 | 21 50 | 0 52 | 20 3 | 0 35 | 14 17 | 0 7 | 18 45 | 3 52 | 1 29 | 0 53 | 28 19 | 10 42 | 0 23 |
| S 7 | 16 6 | 28 9 | 5 7 | 8 2 | 2 5 | 6 48 | 1 36 | 14 3 | 0 59 | 20 43 | 1 1 | 21 51 | 0 52 | 20 3 | 0 35 | 14 17 | 0 7 | 18 45 | 3 52 | 1 27 | 0 52 | 28 19 | 10 41 | 0 23 |
| S 8 | 16 23 | 26 32 | 4 54 | 8 18 | 2 9 | 7 15 | 1 36 | 14 0 | 0 56 | 20 42 | 1 1 | 21 51 | 0 52 | 20 2 | 0 35 | 14 17 | 0 7 | 18 45 | 3 52 | 1 25 | 0 50 | 28 20 | 10 40 | 0 23 |
| M 9 | 16 41 | 23 42 | 4 28 | 8 37 | 2 11 | 7 43 | 1 36 | 13 58 | 0 52 | 20 41 | 1 1 | 21 51 | 0 52 | 20 2 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 24 | 0 49 | 28 20 | 10 39 | 0 23 |
| T 10 | 16 58 | 19 48 | 3 50 | 8 59 | 2 12 | 8 11 | 1 36 | 13 55 | 0 48 | 20 40 | 1 1 | 21 51 | 0 52 | 20 2 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 23 | 0 48 | 28 21 | 10 38 | 0 23 |
| W11 | 17 14 | 14 58 | 3 0 | 9 23 | 2 12 | 8 38 | 1 35 | 13 53 | 0 44 | 20 39 | 1 1 | 21 51 | 0 52 | 20 1 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 23 | 0 47 | 28 21 | 10 37 | 0 23 |
| T 12 | 17 31 | 9 23 | 2 0 | 9 50 | 2 11 | 9 5 | 1 35 | 13 51 | 0 41 | 20 37 | 1 1 | 21 51 | 0 52 | 20 1 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 24 | 0 45 | 28 22 | 10 36 | 0 22 |
| F 13 | 17 47 | 3 14 | 0 52 | 10 18 | 2 10 | 9 32 | 1 34 | 13 49 | 0 37 | 20 36 | 1 1 | 21 52 | 0 52 | 20 0 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 24 | 0 44 | 28 22 | 10 35 | 0 22 |
| S 14 | 18 3 | 3n17 | 0n21 | 10 48 | 2 7 | 9 59 | 1 34 | 13 47 | 0 33 | 20 35 | 1 1 | 21 52 | 0 52 | 20 0 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 25 | 0 43 | 28 22 | 10 34 | 0 22 |
| S 15 | 18 18 | 9 51 | 1 35 | 11 19 | 2 4 | 10 26 | 1 33 | 13 45 | 0 30 | 20 34 | 1 1 | 21 52 | 0 52 | 20 0 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 24 | 0 42 | 28 23 | 10 33 | 0 22 |
| M16 | 18 34 | 16 7 | 2 46 | 11 51 | 2 0 | 10 52 | 1 32 | 13 43 | 0 26 | 20 33 | 1 1 | 21 52 | 0 52 | 19 59 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 23 | 0 40 | 28 23 | 10 32 | 0 22 |
| T 17 | 18 49 | 21 36 | 3 46 | 12 24 | 1 56 | 11 18 | 1 31 | 13 42 | 0 23 | 20 32 | 1 1 | 21 52 | 0 52 | 19 59 | 0 35 | 14 16 | 0 7 | 18 45 | 3 52 | 1 20 | 0 39 | 28 24 | 10 31 | 0 22 |
| W18 | 19 3 | 25 45 | 4 32 | 12 57 | 1 51 | 11 44 | 1 30 | 13 40 | 0 19 | 20 30 | 1 1 | 21 53 | 0 52 | 19 58 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 17 | 0 38 | 28 24 | 10 30 | 0 22 |
| T 19 | 19 17 | 28 4 | 4 59 | 13 30 | 1 46 | 12 10 | 1 30 | 13 39 | 0 16 | 20 29 | 1 1 | 21 53 | 0 52 | 19 58 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 14 | 0 37 | 28 24 | 10 29 | 0 22 |
| F 20 | 19 31 | 28 19 | 5 5 | 14 4 | 1 40 | 12 35 | 1 28 | 13 38 | 0 12 | 20 28 | 1 1 | 21 53 | 0 52 | 19 57 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 11 | 0 35 | 28 25 | 10 28 | 0 22 |
| S 21 | 19 45 | 26 30 | 4 50 | 14 37 | 1 35 | 13 0 | 1 27 | 13 37 | 0 9 | 20 27 | 1 1 | 21 54 | 0 52 | 19 57 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 8 | 0 34 | 28 25 | 10 27 | 0 22 |
| S 22 | 19 58 | 22 59 | 4 17 | 15 10 | 1 29 | 13 25 | 1 26 | 13 36 | 0 6 | 20 26 | 1 0 | 21 54 | 0 52 | 19 57 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 6 | 0 33 | 28 25 | 10 26 | 0 21 |
| M23 | 20 11 | 18 13 | 3 29 | 15 42 | 1 22 | 13 49 | 1 25 | 13 36 | 0 2 | 20 24 | 1 0 | 21 54 | 0 52 | 19 56 | 0 35 | 14 15 | 0 7 | 18 46 | 3 52 | 1 5 | 0 32 | 28 26 | 10 25 | 0 21 |
| T 24 | 20 23 | 12 39 | 2 31 | 16 15 | 1 16 | 14 13 | 1 24 | 13 35 | 0n 1 | 20 23 | 1 0 | 21 54 | 0 52 | 19 56 | 0 35 | 14 15 | 0 7 | 18 46 | 3 53 | 1 5 | 0 30 | 28 26 | 10 25 | 0 21 |
| W25 | 20 35 | 6 40 | 1 26 | 16 46 | 1 9 | 14 37 | 1 22 | 13 35 | 0 4 | 20 22 | 1 0 | 21 55 | 0 52 | 19 55 | 0 35 | 14 15 | 0 7 | 18 46 | 3 53 | 1 5 | 0 29 | 28 26 | 10 24 | 0 21 |
| T 26 | 20 47 | 0 33 | 0 18 | 17 17 | 1 2 | 15 0 | 1 21 | 13 35 | 0 7 | 20 20 | 1 0 | 21 55 | 0 52 | 19 55 | 0 35 | 14 15 | 0 7 | 18 46 | 3 53 | 1 6 | 0 28 | 28 27 | 10 23 | 0 21 |
| F 27 | 20 58 | 5s27 | 0s49 | 17 48 | 0 56 | 15 23 | 1 20 | 13 35 | 0 10 | 20 19 | 1 0 | 21 55 | 0 52 | 19 54 | 0 35 | 14 15 | 0 7 | 18 46 | 3 53 | 1 5 | 0 26 | 28 27 | 10 22 | 0 21 |
| S 28 | 21 9 | 11 9 | 1 52 | 18 17 | 0 49 | 15 46 | 1 18 | 13 36 | 0 13 | 20 18 | 1 0 | 21 56 | 0 52 | 19 53 | 0 35 | 14 15 | 0 7 | 18 46 | 3 53 | 1 4 | 0 25 | 28 27 | 10 21 | 0 21 |
| S 29 | 21 20 | 16 20 | 2 50 | 18 46 | 0 42 | 16 8 | 1 17 | 13 36 | 0 16 | 20 17 | 1 0 | 21 56 | 0 52 | 19 53 | 0 35 | 14 16 | 0 7 | 18 46 | 3 53 | 1 2 | 0 24 | 28 27 | 10 20 | 0 21 |
| M30 | 21s30 | 20s50 | 3s38 | 19s14 | 0n35 | 16s30 | 1n15 | 13n37 | 0n19 | 20n15 | 1s 0 | 21n57 | 0s52 | 19s52 | 0s35 | 14n16 | 0n 7 | 18n46 | 3s53 | 0n59 | 0n23 | 28s28 | 10n19 | 0n21 |

Julian Day Number = 2603424.5, Delta T = 09m24s
Ecliptic obliquity = 23°23'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'14, Lahiri = 29°40'16


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# ASTRODIENST EPHEMERIS for the year 2415
# geocentric

## DECEMBER 2415 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 38 40 | 8♐25'23 | 0♐39 | 0♐11 | 21♏15 | 5°R24 | 5°R42 | 12°R28 | 3♒38 | 21°R59 | 14°R13 | 2°R19 | 0♈54 | 26♐25 | 25°R55 | T 1 |
| W 2 | 4 42 37 | 9°26'03 | 12°35 | 1°46 | 22°30 | 5♉20 | 5♊34 | 12♋24 | 3°40 | 21♎59 | 14♋12 | 2♈ 6 | 0°51 | 26°31 | 25♈53 | W 2 |
| T 3 | 4 46 33 | 10°26'44 | 24°28 | 3°21 | 23°45 | 5°17 | 5°26 | 12°21 | 3°42 | 21°58 | 14°11 | 1°52 | 0°48 | 26°38 | 25°51 | T 3 |
| F 4 | 4 50 30 | 11°27'27 | 6♑19 | 4°56 | 25° 0 | 5°15 | 5°18 | 12°17 | 3°45 | 21°58 | 14°10 | 1°39 | 0°44 | 26°45 | 25°49 | F 4 |
| S 5 | 4 54 27 | 12°28'10 | 18°11 | 6°30 | 26°16 | 5°14 | 5°10 | 12°13 | 3°47 | 21°58 | 14° 9 | 1°27 | 0°41 | 26°51 | 25°48 | S 5 |
| S 6 | 4 58 23 | 13°28'55 | 0♒ 5 | 8° 5 | 27°31 | 5°D13 | 5° 2 | 12° 9 | 3°50 | 21°57 | 14° 8 | 1°17 | 0°38 | 26°58 | 25°46 | S 6 |
| M 7 | 5 2 20 | 14°29'41 | 12° 4 | 9°39 | 28°46 | 5°13 | 4°54 | 12° 5 | 3°52 | 21°57 | 14° 7 | 1° 9 | 0°35 | 27° 5 | 25°44 | M 7 |
| T 8 | 5 6 16 | 15°30'28 | 24°11 | 11°14 | 0♐ 2 | 5°14 | 4°46 | 12° 1 | 3°55 | 21°57 | 14° 6 | 1° 5 | 0°32 | 27°12 | 25°43 | T 8 |
| W 9 | 5 10 13 | 16°31'16 | 6♓32 | 12°48 | 1°17 | 5°16 | 4°38 | 11°57 | 3°58 | 21°56 | 14° 5 | 1° 3 | 0°29 | 27°18 | 25°41 | W 9 |
| T 10 | 5 14 9 | 17°32'05 | 19°10 | 14°23 | 2°32 | 5°19 | 4°30 | 11°52 | 4° 0 | 21°56 | 14° 4 | 1°D 2 | 0°25 | 27°25 | 25°40 | T 10 |
| F 11 | 5 18 6 | 18°32'54 | 2♈10 | 15°57 | 3°47 | 5°22 | 4°22 | 11°48 | 4° 3 | 21°55 | 14° 3 | 1°R 2 | 0°22 | 27°32 | 25°38 | F 11 |
| S 12 | 5 22 2 | 19°33'45 | 15°38 | 17°31 | 5° 3 | 5°26 | 4°15 | 11°44 | 4° 6 | 21°54 | 14° 2 | 1° 2 | 0°19 | 27°39 | 25°37 | S 12 |
| S 13 | 5 25 59 | 20°34'36 | 29°35 | 19° 5 | 6°18 | 5°31 | 4° 7 | 11°39 | 4° 8 | 21°54 | 14° 1 | 0°59 | 0°16 | 27°45 | 25°35 | S 13 |
| M14 | 5 29 56 | 21°35'28 | 14♉ 1 | 20°40 | 7°33 | 5°37 | 4° 0 | 11°35 | 4°11 | 21°53 | 13°59 | 0°54 | 0°13 | 27°52 | 25°34 | M14 |
| T 15 | 5 33 52 | 22°36'21 | 28°54 | 22°14 | 8°49 | 5°43 | 3°52 | 11°30 | 4°14 | 21°53 | 13°58 | 0°46 | 0°10 | 27°59 | 25°33 | T 15 |
| W16 | 5 37 49 | 23°37'14 | 14♊ 7 | 23°48 | 10° 4 | 5°50 | 3°45 | 11°26 | 4°17 | 21°52 | 13°57 | 0°36 | 0° 6 | 28° 5 | 25°32 | W16 |
| T 17 | 5 41 45 | 24°38'09 | 29°30 | 25°22 | 11°19 | 5°58 | 3°38 | 11°21 | 4°20 | 21°51 | 13°56 | 0°24 | 0° 3 | 28°12 | 25°30 | T 17 |
| F 18 | 5 45 42 | 25°39'05 | 14♋50 | 26°56 | 12°35 | 6° 6 | 3°31 | 11°17 | 4°23 | 21°50 | 13°55 | 0°13 | 29♓59 | 28°19 | 25°29 | F 18 |
| S 19 | 5 49 38 | 26°40'01 | 29°57 | 28°31 | 13°50 | 6°15 | 3°24 | 11°12 | 4°26 | 21°50 | 13°54 | 0° 3 | 29°57 | 28°26 | 25°28 | S 19 |
| S 20 | 5 53 35 | 27°40'59 | 14♌40 | 0♑ 5 | 15° 6 | 6°25 | 3°17 | 11° 7 | 4°29 | 21°49 | 13°53 | 29♓55 | 29°54 | 28°32 | 25°27 | S 20 |
| M21 | 5 57 32 | 28°41'57 | 28°55 | 1°40 | 16°21 | 6°36 | 3°10 | 11° 2 | 4°32 | 21°48 | 13°51 | 29°51 | 29°50 | 28°39 | 25°26 | M21 |
| T 22 | 6 1 28 | 29°42'57 | 12♍40 | 3°14 | 17°36 | 6°47 | 3° 4 | 10°58 | 4°35 | 21°47 | 13°50 | 29°48 | 29°47 | 28°46 | 25°26 | T 22 |
| W23 | 6 5 25 | 0♑43'57 | 25°57 | 4°49 | 18°52 | 6°58 | 2°57 | 10°53 | 4°38 | 21°46 | 13°49 | 29°48 | 29°44 | 28°53 | 25°25 | W23 |
| T 24 | 6 9 21 | 1°44'58 | 8♎50 | 6°24 | 20° 7 | 7°10 | 2°51 | 10°48 | 4°41 | 21°45 | 13°48 | 29°48 | 29°41 | 28°59 | 25°24 | T 24 |
| F 25 | 6 13 18 | 2°46'01 | 21°22 | 7°59 | 21°23 | 7°23 | 2°45 | 10°43 | 4°44 | 21°44 | 13°47 | 29°47 | 29°38 | 29° 6 | 25°23 | F 25 |
| S 26 | 6 17 14 | 3°47'04 | 3♏38 | 9°34 | 22°38 | 7°37 | 2°39 | 10°38 | 4°47 | 21°43 | 13°45 | 29°44 | 29°35 | 29°13 | 25°23 | S 26 |
| S 27 | 6 21 11 | 4°48'08 | 15°43 | 11°10 | 23°54 | 7°51 | 2°33 | 10°33 | 4°50 | 21°42 | 13°44 | 29°38 | 29°31 | 29°19 | 25°22 | S 27 |
| M28 | 6 25 7 | 5°49'13 | 27°41 | 12°45 | 25° 9 | 8° 5 | 2°28 | 10°28 | 4°53 | 21°41 | 13°43 | 29°30 | 29°28 | 29°26 | 25°21 | M28 |
| T 29 | 6 29 4 | 6°50'19 | 9♐35 | 14°21 | 26°24 | 8°20 | 2°22 | 10°23 | 4°57 | 21°40 | 13°42 | 29°18 | 29°25 | 29°33 | 25°21 | T 29 |
| W30 | 6 33 1 | 7°51'25 | 21°27 | 15°57 | 27°40 | 8°36 | 2°17 | 10°19 | 5° 0 | 21°39 | 13°41 | 29° 4 | 29°22 | 29°40 | 25°21 | W30 |
| T 31 | 6 36 57 | 8♑52'32 | 3♑19 | 17♑32 | 28♐55 | 8♉52 | 2♊12 | 10♋14 | 5♒ 3 | 21♎38 | 13♋39 | 28♓49 | 29♓19 | 29♐46 | 25♈20 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s40 | 24s26 | 4s17 | 19s42 | 0n28 | 16s51 | 1n13 | 13n38 | 0n22 | 20n14 | 0s59 | 21n57 | 0s52 | 19s52 | 0s35 | 14n16 | 0n 7 | 18n47 | 3s53 | 0n55 | 0n21 | 28s28 | 10n19 | 0n21 |
| W 2 | 21 49 | 26 57 | 4 44 | 20 8 | 0 21 | 17 12 | 1 12 | 13 39 | 0 24 | 20 13 | 0 59 | 21 57 | 0 52 | 19 51 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 50 | 0 20 | 28 28 | 10 18 | 0 21 |
| T 3 | 21 58 | 28 15 | 4 58 | 20 33 | 0 14 | 17 33 | 1 10 | 13 41 | 0 27 | 20 11 | 0 59 | 21 58 | 0 51 | 19 51 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 45 | 0 19 | 28 29 | 10 17 | 0 20 |
| F 4 | 22 6 | 28 14 | 5 0 | 20 58 | 0 7 | 17 53 | 1 8 | 13 42 | 0 30 | 20 10 | 0 59 | 21 58 | 0 51 | 19 50 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 39 | 0 18 | 28 29 | 10 16 | 0 20 |
| S 5 | 22 15 | 26 55 | 4 48 | 21 21 | 0s 0 | 18 12 | 1 6 | 13 44 | 0 32 | 20 9 | 0 59 | 21 59 | 0 51 | 19 49 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 34 | 0 16 | 28 29 | 10 16 | 0 20 |
| S 6 | 22 22 | 24 24 | 4 24 | 21 43 | 0 7 | 18 31 | 1 4 | 13 47 | 0 34 | 20 8 | 0 59 | 21 59 | 0 51 | 19 49 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 30 | 0 15 | 28 29 | 10 15 | 0 20 |
| M 7 | 22 29 | 20 48 | 3 48 | 22 5 | 0 14 | 18 50 | 1 2 | 13 49 | 0 37 | 20 6 | 0 59 | 21 59 | 0 51 | 19 48 | 0 35 | 14 16 | 0 7 | 18 47 | 3 53 | 0 27 | 0 14 | 28 29 | 10 14 | 0 20 |
| T 8 | 22 36 | 16 17 | 3 2 | 22 25 | 0 20 | 19 8 | 1 1 | 13 51 | 0 39 | 20 5 | 0 58 | 22 0 | 0 51 | 19 48 | 0 35 | 14 17 | 0 7 | 18 47 | 3 52 | 0 26 | 0 13 | 28 30 | 10 14 | 0 20 |
| W 9 | 22 42 | 11 3 | 2 6 | 22 44 | 0 27 | 19 25 | 0 59 | 13 54 | 0 41 | 20 4 | 0 58 | 22 0 | 0 51 | 19 47 | 0 35 | 14 17 | 0 7 | 18 47 | 3 52 | 0 25 | 0 11 | 28 30 | 10 13 | 0 20 |
| T 10 | 22 48 | 5 14 | 1 2 | 23 2 | 0 34 | 19 42 | 0 56 | 13 57 | 0 44 | 20 3 | 0 58 | 22 1 | 0 51 | 19 46 | 0 35 | 14 17 | 0 7 | 18 48 | 3 52 | 0 25 | 0 10 | 28 30 | 10 12 | 0 20 |
| F 11 | 22 54 | 0n57 | 0n 6 | 23 19 | 0 40 | 19 58 | 0 54 | 14 0 | 0 46 | 20 1 | 0 58 | 22 1 | 0 51 | 19 46 | 0 35 | 14 17 | 0 7 | 18 48 | 3 52 | 0 25 | 0 9 | 28 30 | 10 12 | 0 20 |
| S 12 | 22 59 | 7 19 | 1 16 | 23 34 | 0 46 | 20 14 | 0 52 | 14 4 | 0 48 | 20 0 | 0 58 | 22 2 | 0 51 | 19 45 | 0 35 | 14 17 | 0 7 | 18 48 | 3 52 | 0 25 | 0 8 | 28 30 | 10 11 | 0 20 |
| S 13 | 23 3 | 13 33 | 2 25 | 23 49 | 0 52 | 20 29 | 0 50 | 14 7 | 0 50 | 19 59 | 0 58 | 22 2 | 0 51 | 19 44 | 0 34 | 14 17 | 0 7 | 18 48 | 3 52 | 0 24 | 0 6 | 28 30 | 10 10 | 0 19 |
| M14 | 23 7 | 19 17 | 3 26 | 24 2 | 0 58 | 20 44 | 0 48 | 14 11 | 0 52 | 19 58 | 0 57 | 22 2 | 0 51 | 19 44 | 0 34 | 14 18 | 0 7 | 18 48 | 3 52 | 0 21 | 0 5 | 28 31 | 10 10 | 0 19 |
| T 15 | 23 11 | 24 1 | 4 15 | 24 14 | 1 4 | 20 58 | 0 46 | 14 15 | 0 54 | 19 57 | 0 57 | 22 3 | 0 51 | 19 43 | 0 34 | 14 18 | 0 7 | 18 48 | 3 52 | 0 18 | 0 4 | 28 31 | 10 9 | 0 19 |
| W16 | 23 14 | 27 12 | 4 48 | 24 24 | 1 10 | 21 12 | 0 44 | 14 19 | 0 56 | 19 55 | 0 57 | 22 3 | 0 51 | 19 42 | 0 34 | 14 18 | 0 7 | 18 48 | 3 52 | 0 14 | 0 3 | 28 31 | 10 9 | 0 19 |
| T 17 | 23 17 | 28 23 | 5 0 | 24 34 | 1 15 | 21 24 | 0 41 | 14 23 | 0 58 | 19 54 | 0 57 | 22 4 | 0 51 | 19 42 | 0 34 | 14 18 | 0 7 | 18 49 | 3 52 | 0 10 | 0 1 | 28 31 | 10 8 | 0 19 |
| F 18 | 23 19 | 27 22 | 4 50 | 24 42 | 1 21 | 21 37 | 0 39 | 14 28 | 0 59 | 19 53 | 0 57 | 22 4 | 0 51 | 19 41 | 0 34 | 14 19 | 0 7 | 18 49 | 3 52 | 0 5 | 0s 0 | 28 31 | 10 8 | 0 19 |
| S 19 | 23 21 | 24 22 | 4 21 | 24 48 | 1 26 | 21 48 | 0 37 | 14 32 | 1 1 | 19 52 | 0 56 | 22 5 | 0 50 | 19 40 | 0 34 | 14 19 | 0 7 | 18 49 | 3 52 | 0 1 | 0 1 | 28 31 | 10 7 | 0 19 |
| S 20 | 23 22 | 19 48 | 3 34 | 24 54 | 1 31 | 21 59 | 0 34 | 14 37 | 1 3 | 19 51 | 0 56 | 22 5 | 0 50 | 19 39 | 0 34 | 14 19 | 0 7 | 18 49 | 3 52 | 0s 2 | 0 3 | 28 31 | 10 7 | 0 19 |
| M21 | 23 23 | 14 15 | 2 35 | 24 58 | 1 35 | 22 10 | 0 32 | 14 42 | 1 4 | 19 50 | 0 56 | 22 6 | 0 50 | 19 39 | 0 34 | 14 19 | 0 7 | 18 49 | 3 52 | 0 4 | 0 4 | 28 31 | 10 6 | 0 19 |
| T 22 | 23 23 | 8 10 | 1 29 | 25 1 | 1 40 | 22 19 | 0 30 | 14 47 | 1 6 | 19 49 | 0 56 | 22 6 | 0 50 | 19 38 | 0 34 | 14 20 | 0 7 | 18 49 | 3 52 | 0 5 | 0 5 | 28 32 | 10 6 | 0 19 |
| W23 | 23 23 | 1 55 | 0 20 | 25 2 | 1 44 | 22 28 | 0 27 | 14 52 | 1 7 | 19 48 | 0 56 | 22 7 | 0 50 | 19 37 | 0 34 | 14 20 | 0 7 | 18 49 | 3 52 | 0 5 | 0 6 | 28 32 | 10 6 | 0 18 |
| T 24 | 23 23 | 4s13 | 0s48 | 25 2 | 1 48 | 22 36 | 0 25 | 14 58 | 1 9 | 19 47 | 0 55 | 22 7 | 0 50 | 19 36 | 0 34 | 14 20 | 0 7 | 18 50 | 3 52 | 0 5 | 0 8 | 28 32 | 10 5 | 0 18 |
| F 25 | 23 22 | 10 2 | 1 51 | 25 0 | 1 52 | 22 44 | 0 22 | 15 3 | 1 10 | 19 46 | 0 55 | 22 8 | 0 50 | 19 36 | 0 34 | 14 21 | 0 7 | 18 50 | 3 52 | 0 5 | 0 9 | 28 32 | 10 5 | 0 18 |
| S 26 | 23 20 | 15 20 | 2 48 | 24 57 | 1 55 | 22 51 | 0 20 | 15 9 | 1 11 | 19 45 | 0 55 | 22 8 | 0 50 | 19 35 | 0 34 | 14 21 | 0 7 | 18 50 | 3 52 | 0 6 | 0 10 | 28 32 | 10 5 | 0 18 |
| S 27 | 23 18 | 19 58 | 3 37 | 24 53 | 1 58 | 22 57 | 0 18 | 15 15 | 1 13 | 19 44 | 0 55 | 22 9 | 0 50 | 19 34 | 0 34 | 14 21 | 0 7 | 18 50 | 3 52 | 0 9 | 0 11 | 28 32 | 10 4 | 0 18 |
| M28 | 23 16 | 23 45 | 4 15 | 24 47 | 2 1 | 23 3 | 0 15 | 15 21 | 1 14 | 19 43 | 0 54 | 22 9 | 0 50 | 19 33 | 0 34 | 14 22 | 0 7 | 18 50 | 3 52 | 0 12 | 0 13 | 28 32 | 10 4 | 0 18 |
| T 29 | 23 13 | 26 29 | 4 42 | 24 40 | 2 4 | 23 8 | 0 13 | 15 27 | 1 15 | 19 42 | 0 54 | 22 9 | 0 50 | 19 33 | 0 34 | 14 22 | 0 7 | 18 50 | 3 52 | 0 17 | 0 14 | 28 32 | 10 4 | 0 18 |
| W30 | 23 9 | 28 3 | 4 57 | 24 31 | 2 6 | 23 12 | 0 10 | 15 33 | 1 16 | 19 41 | 0 54 | 22 10 | 0 49 | 19 32 | 0 34 | 14 22 | 0 7 | 18 51 | 3 52 | 0 22 | 0 15 | 28 32 | 10 3 | 0 18 |
| T 31 | 23s 5 | 28s19 | 4s58 | 24s21 | 2s 8 | 23s15 | 0n 8 | 15n39 | 1n18 | 19n41 | 0s54 | 22n10 | 0s49 | 19s31 | 0s34 | 14n23 | 0n 7 | 18n51 | 3s52 | 0s28 | 0s16 | 28s32 | 10n 3 | 0n18 |

Julian Day Number = 2603454.5, Delta T = 09m24s
Ecliptic obliquity = 23°23'15, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'18, Lahiri = 29°40'20


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## JANUARY 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 40 54 | 9♑53'39 | 15♑12 | 19♑ 8 | 0♑11 | 9♉ 9 | 2°R 7 | 10°R 9 | 5♒ 6 | 21°R37 | 13°R38 | 28°R34 | 29♓16 | 29♐53 | 25°R20 | F 1 |
| S 2 | 6 44 50 | 10°54'47 | 27° 8 | 20°45 | 1°26 | 9°26 | 2♊ 2 | 10♋ 4 | 5°10 | 21♎36 | 13♋37 | 28♓21 | 29°12 | 29°59 | 25♈20 | S 2 |
| S 3 | 6 48 47 | 11°55'55 | 9♒ 8 | 22°21 | 2°42 | 9°44 | 1°57 | 9°59 | 5°13 | 21°34 | 13°36 | 28° 9 | 29° 9 | 0♑ 6 | 25°19 | S 3 |
| M 4 | 6 52 43 | 12°57'03 | 21°13 | 23°57 | 3°57 | 10° 2 | 1°53 | 9°54 | 5°16 | 21°33 | 13°35 | 28° 1 | 29° 6 | 0°13 | 25°19 | M 4 |
| T 5 | 6 56 40 | 13°58'11 | 3♓25 | 25°33 | 5°13 | 10°20 | 1°48 | 9°49 | 5°20 | 21°32 | 13°33 | 27°55 | 29° 3 | 0°20 | 25°19 | T 5 |
| W 6 | 7 0 36 | 14°59'19 | 15°49 | 27° 9 | 6°28 | 10°40 | 1°44 | 9°44 | 5°23 | 21°31 | 13°32 | 27°53 | 29° 0 | 0°27 | 25°D19 | W 6 |
| T 7 | 7 4 33 | 16° 0'27 | 28°27 | 28°45 | 7°44 | 10°59 | 1°40 | 9°39 | 5°26 | 21°29 | 13°31 | 27°D52 | 28°56 | 0°33 | 25°19 | T 7 |
| F 8 | 7 8 30 | 17° 1'35 | 11♈24 | 0♒21 | 8°59 | 11°19 | 1°37 | 9°34 | 5°30 | 21°28 | 13°30 | 27°R52 | 28°53 | 0°40 | 25°19 | F 8 |
| S 9 | 7 12 26 | 18° 2'42 | 24°43 | 1°56 | 10°15 | 11°39 | 1°33 | 9°29 | 5°33 | 21°27 | 13°28 | 27°52 | 28°50 | 0°47 | 25°20 | S 9 |
| S 10 | 7 16 23 | 19° 3'50 | 8♉27 | 3°31 | 11°30 | 12° 0 | 1°30 | 9°24 | 5°37 | 21°25 | 13°27 | 27°51 | 28°47 | 0°54 | 25°20 | S 10 |
| M11 | 7 20 19 | 20° 4'57 | 22°39 | 5° 5 | 12°46 | 12°21 | 1°27 | 9°19 | 5°40 | 21°24 | 13°26 | 27°47 | 28°44 | 1° 0 | 25°20 | M11 |
| T 12 | 7 24 16 | 21° 6'04 | 7♊17 | 6°38 | 14° 1 | 12°43 | 1°24 | 9°15 | 5°44 | 21°23 | 13°25 | 27°40 | 28°41 | 1° 7 | 25°20 | T 12 |
| W13 | 7 28 12 | 22° 7'11 | 22°16 | 8°10 | 15°17 | 13° 5 | 1°21 | 9°10 | 5°47 | 21°21 | 13°24 | 27°32 | 28°37 | 1°14 | 25°21 | W13 |
| T 14 | 7 32 9 | 23° 8'17 | 7♋30 | 9°41 | 16°32 | 13°27 | 1°19 | 9° 5 | 5°50 | 21°20 | 13°22 | 27°22 | 28°34 | 1°20 | 25°21 | T 14 |
| F 15 | 7 36 5 | 24° 9'24 | 22°46 | 11°10 | 17°47 | 13°50 | 1°16 | 9° 0 | 5°54 | 21°18 | 13°21 | 27°12 | 28°31 | 1°27 | 25°22 | F 15 |
| S 16 | 7 40 2 | 25°10'30 | 7♌55 | 12°37 | 19° 3 | 14°13 | 1°14 | 8°56 | 5°57 | 21°17 | 13°20 | 27° 3 | 28°28 | 1°34 | 25°22 | S 16 |
| S 17 | 7 43 59 | 26°11'36 | 22°45 | 14° 1 | 20°18 | 14°36 | 1°12 | 8°51 | 6° 1 | 21°15 | 13°19 | 26°56 | 28°25 | 1°41 | 25°23 | S 17 |
| M18 | 7 47 55 | 27°12'41 | 7♍10 | 15°23 | 21°34 | 15° 0 | 1°11 | 8°47 | 6° 4 | 21°14 | 13°18 | 26°52 | 28°22 | 1°47 | 25°24 | M18 |
| T 19 | 7 51 52 | 28°13'47 | 21° 6 | 16°42 | 22°49 | 15°24 | 1° 9 | 8°42 | 6° 8 | 21°12 | 13°16 | 26°D50 | 28°18 | 1°54 | 25°25 | T 19 |
| W20 | 7 55 48 | 29°14'53 | 4♎33 | 17°56 | 24° 5 | 15°48 | 1° 8 | 8°38 | 6°11 | 21°11 | 13°15 | 26°50 | 28°15 | 2° 1 | 25°25 | W20 |
| T 21 | 7 59 45 | 0♒15'58 | 17°32 | 19° 5 | 25°20 | 16°13 | 1° 7 | 8°33 | 6°15 | 21° 9 | 13°14 | 26°51 | 28°12 | 2° 8 | 25°26 | T 21 |
| F 22 | 8 3 41 | 1°17'04 | 0♏ 9 | 20° 9 | 26°36 | 16°38 | 1° 6 | 8°29 | 6°18 | 21° 8 | 13°13 | 26°R52 | 28° 9 | 2°14 | 25°27 | F 22 |
| S 23 | 8 7 38 | 2°18'09 | 12°27 | 21° 7 | 27°51 | 17° 3 | 1° 5 | 8°24 | 6°22 | 21° 6 | 13°12 | 26°51 | 28° 6 | 2°21 | 25°28 | S 23 |
| S 24 | 8 11 34 | 3°19'14 | 24°32 | 21°58 | 29° 6 | 17°28 | 1° 5 | 8°20 | 6°25 | 21° 5 | 13°11 | 26°49 | 28° 2 | 2°28 | 25°29 | S 24 |
| M25 | 8 15 31 | 4°20'19 | 6♐28 | 22°41 | 0♒22 | 17°54 | 1° 4 | 8°16 | 6°29 | 21° 3 | 13° 9 | 26°44 | 27°59 | 2°34 | 25°30 | M25 |
| T 26 | 8 19 28 | 5°21'24 | 18°19 | 23°14 | 1°37 | 18°20 | 1°D 4 | 8°12 | 6°33 | 21° 2 | 13° 8 | 26°36 | 27°56 | 2°41 | 25°31 | T 26 |
| W27 | 8 23 24 | 6°22'29 | 0♑10 | 23°39 | 2°53 | 18°46 | 1° 4 | 8° 8 | 6°36 | 21° 0 | 13° 7 | 26°27 | 27°53 | 2°48 | 25°33 | W27 |
| T 28 | 8 27 21 | 7°23'33 | 12° 3 | 23°52 | 4° 8 | 19°13 | 1° 5 | 8° 4 | 6°40 | 20°58 | 13° 6 | 26°18 | 27°50 | 2°55 | 25°34 | T 28 |
| F 29 | 8 31 17 | 8°24'36 | 24° 0 | 23°R55 | 5°24 | 19°40 | 1° 5 | 8° 0 | 6°43 | 20°57 | 13° 5 | 26° 8 | 27°47 | 3° 1 | 25°35 | F 29 |
| S 30 | 8 35 14 | 9°25'39 | 6♒ 2 | 23°46 | 6°39 | 20° 7 | 1° 6 | 7°56 | 6°47 | 20°55 | 13° 4 | 25°58 | 27°43 | 3° 8 | 25°37 | S 30 |
| S 31 | 8 39 10 | 10♒26'41 | 18♒11 | 23♒26 | 7♒55 | 20♉34 | 1♊ 7 | 7♋52 | 6♒50 | 20♌53 | 13♋ 3 | 25♓51 | 27♓40 | 3♑15 | 25♈38 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23s 1 | 27s16 | 4s47 | 24s 9 | 2s 9 | 23s18 | 0n 5 | 15n45 | 1n19 | 19n40 | 0s53 | 22n11 | 0s49 | 19s30 | 0s34 | 14n23 | 0n 7 | 18n51 | 3s52 | 0s34 | 0s18 | 28s32 | 10n 3 | 0n18 |
| S 2 | 22 56 | 24 59 | 4 23 | 23 56 | 2 10 | 23 20 | 0 3 | 15 52 | 1 20 | 19 39 | 0 53 | 22 11 | 0 49 | 19 29 | 0 34 | 14 24 | 0 7 | 18 51 | 3 52 | 0 39 | 0 19 | 28 32 | 10 3 | 0 17 |
| S 3 | 22 51 | 21 35 | 3 47 | 23 41 | 2 11 | 23 21 | 0 0 | 15 59 | 1 21 | 19 39 | 0 53 | 22 12 | 0 49 | 19 29 | 0 34 | 14 24 | 0 7 | 18 51 | 3 52 | 0 44 | 0 20 | 28 32 | 10 3 | 0 17 |
| M 4 | 22 46 | 17 15 | 3 1 | 23 25 | 2 11 | 23 22 | 0s 2 | 16 5 | 1 22 | 19 38 | 0 53 | 22 12 | 0 49 | 19 28 | 0 34 | 14 24 | 0 7 | 18 51 | 3 52 | 0 47 | 0 21 | 28 32 | 10 3 | 0 17 |
| T 5 | 22 39 | 12 11 | 2 6 | 23 8 | 2 11 | 23 22 | 0 4 | 16 12 | 1 23 | 19 37 | 0 52 | 22 13 | 0 49 | 19 27 | 0 34 | 14 25 | 0 7 | 18 52 | 3 52 | 0 49 | 0 23 | 28 32 | 10 2 | 0 17 |
| W 6 | 22 33 | 6 33 | 1 3 | 22 49 | 2 10 | 23 21 | 0 7 | 16 19 | 1 24 | 19 37 | 0 52 | 22 13 | 0 49 | 19 26 | 0 34 | 14 25 | 0 7 | 18 52 | 3 52 | 0 51 | 0 24 | 28 32 | 10 2 | 0 17 |
| T 7 | 22 26 | 0 34 | 0n 3 | 22 28 | 2 9 | 23 19 | 0 9 | 16 26 | 1 25 | 19 36 | 0 52 | 22 14 | 0 49 | 19 25 | 0 34 | 14 26 | 0 7 | 18 52 | 3 51 | 0 51 | 0 25 | 28 32 | 10 2 | 0 17 |
| F 8 | 22 18 | 5n35 | 1 11 | 22 6 | 2 7 | 23 17 | 0 12 | 16 33 | 1 26 | 19 36 | 0 52 | 22 14 | 0 49 | 19 25 | 0 34 | 14 26 | 0 7 | 18 52 | 3 51 | 0 51 | 0 26 | 28 32 | 10 2 | 0 17 |
| S 9 | 22 10 | 11 41 | 2 17 | 21 43 | 2 5 | 23 14 | 0 14 | 16 40 | 1 26 | 19 35 | 0 51 | 22 15 | 0 48 | 19 24 | 0 34 | 14 27 | 0 8 | 18 52 | 3 51 | 0 51 | 0 28 | 28 32 | 10 2 | 0 17 |
| S 10 | 22 2 | 17 25 | 3 18 | 21 18 | 2 2 | 23 10 | 0 16 | 16 47 | 1 27 | 19 35 | 0 51 | 22 15 | 0 48 | 19 23 | 0 34 | 14 27 | 0 8 | 18 52 | 3 51 | 0 51 | 0 29 | 28 32 | 10 2 | 0 17 |
| M11 | 21 53 | 22 23 | 4 8 | 20 52 | 1 58 | 23 5 | 0 19 | 16 55 | 1 28 | 19 34 | 0 51 | 22 16 | 0 48 | 19 22 | 0 34 | 14 27 | 0 8 | 18 53 | 3 51 | 0 53 | 0 30 | 28 31 | 10 2 | 0 17 |
| T 12 | 21 44 | 26 9 | 4 44 | 20 25 | 1 54 | 23 0 | 0 21 | 17 2 | 1 29 | 19 34 | 0 51 | 22 16 | 0 48 | 19 21 | 0 34 | 14 28 | 0 8 | 18 53 | 3 51 | 0 55 | 0 32 | 28 31 | 10 2 | 0 16 |
| W13 | 21 35 | 28 11 | 5 1 | 19 57 | 1 49 | 22 54 | 0 24 | 17 9 | 1 30 | 19 34 | 0 50 | 22 17 | 0 48 | 19 20 | 0 34 | 14 28 | 0 8 | 18 53 | 3 51 | 0 59 | 0 33 | 28 31 | 10 2 | 0 16 |
| T 14 | 21 25 | 28 8 | 4 58 | 19 27 | 1 44 | 22 48 | 0 26 | 17 17 | 1 30 | 19 34 | 0 50 | 22 17 | 0 48 | 19 19 | 0 34 | 14 29 | 0 8 | 18 53 | 3 51 | 1 3 | 0 34 | 28 31 | 10 2 | 0 16 |
| F 15 | 21 14 | 25 58 | 4 33 | 18 57 | 1 37 | 22 40 | 0 28 | 17 24 | 1 31 | 19 33 | 0 50 | 22 17 | 0 48 | 19 19 | 0 34 | 14 29 | 0 8 | 18 53 | 3 51 | 1 7 | 0 35 | 28 31 | 10 3 | 0 16 |
| S 16 | 21 3 | 21 57 | 3 50 | 18 25 | 1 30 | 22 32 | 0 30 | 17 32 | 1 32 | 19 33 | 0 50 | 22 18 | 0 48 | 19 18 | 0 34 | 14 30 | 0 8 | 18 54 | 3 51 | 1 10 | 0 37 | 28 31 | 10 3 | 0 16 |
| S 17 | 20 52 | 16 36 | 2 51 | 17 53 | 1 22 | 22 24 | 0 33 | 17 39 | 1 32 | 19 33 | 0 49 | 22 18 | 0 47 | 19 17 | 0 34 | 14 30 | 0 8 | 18 54 | 3 51 | 1 13 | 0 38 | 28 31 | 10 3 | 0 16 |
| M18 | 20 40 | 10 27 | 1 43 | 17 21 | 1 13 | 22 14 | 0 35 | 17 47 | 1 33 | 19 33 | 0 49 | 22 19 | 0 47 | 19 16 | 0 34 | 14 31 | 0 8 | 18 54 | 3 51 | 1 15 | 0 39 | 28 31 | 10 3 | 0 16 |
| T 19 | 20 28 | 3 59 | 0 31 | 16 48 | 1 3 | 22 4 | 0 37 | 17 54 | 1 33 | 19 33 | 0 49 | 22 19 | 0 47 | 19 15 | 0 34 | 14 31 | 0 8 | 18 54 | 3 51 | 1 15 | 0 40 | 28 31 | 10 3 | 0 16 |
| W20 | 20 16 | 2s26 | 0s41 | 16 15 | 0 52 | 21 53 | 0 39 | 18 2 | 1 34 | 19 33 | 0 49 | 22 20 | 0 47 | 19 14 | 0 34 | 14 32 | 0 8 | 18 54 | 3 51 | 1 15 | 0 42 | 28 30 | 10 3 | 0 16 |
| T 21 | 20 3 | 8 33 | 1 48 | 15 42 | 0 40 | 21 42 | 0 43 | 18 10 | 1 34 | 19 33 | 0 48 | 22 20 | 0 47 | 19 13 | 0 34 | 14 32 | 0 8 | 18 55 | 3 50 | 1 15 | 0 43 | 28 30 | 10 4 | 0 16 |
| F 22 | 19 50 | 14 8 | 2 49 | 15 10 | 0 27 | 21 30 | 0 43 | 18 17 | 1 35 | 19 33 | 0 48 | 22 20 | 0 47 | 19 13 | 0 34 | 14 33 | 0 8 | 18 55 | 3 50 | 1 15 | 0 44 | 28 30 | 10 4 | 0 16 |
| S 23 | 19 36 | 19 1 | 3 39 | 14 38 | 0 13 | 21 17 | 0 45 | 18 25 | 1 35 | 19 33 | 0 48 | 22 21 | 0 47 | 19 12 | 0 34 | 14 33 | 0 8 | 18 55 | 3 50 | 1 15 | 0 45 | 28 30 | 10 4 | 0 15 |
| S 24 | 19 22 | 23 3 | 4 19 | 14 8 | 0n 1 | 21 4 | 0 47 | 18 33 | 1 36 | 19 33 | 0 48 | 22 21 | 0 46 | 19 11 | 0 34 | 14 34 | 0 8 | 18 55 | 3 50 | 1 16 | 0 47 | 28 30 | 10 4 | 0 15 |
| M25 | 19 8 | 26 3 | 4 47 | 13 40 | 0 17 | 20 50 | 0 49 | 18 40 | 1 36 | 19 33 | 0 47 | 22 22 | 0 46 | 19 10 | 0 34 | 14 34 | 0 8 | 18 55 | 3 50 | 1 18 | 0 48 | 28 29 | 10 5 | 0 15 |
| T 26 | 18 53 | 27 54 | 5 3 | 13 13 | 0 33 | 20 35 | 0 51 | 18 48 | 1 37 | 19 34 | 0 47 | 22 22 | 0 46 | 19 9 | 0 34 | 14 35 | 0 8 | 18 55 | 3 50 | 1 21 | 0 49 | 28 29 | 10 5 | 0 15 |
| W27 | 18 38 | 28 28 | 5 5 | 12 49 | 0 50 | 20 20 | 0 53 | 18 56 | 1 37 | 19 34 | 0 47 | 22 22 | 0 46 | 19 8 | 0 34 | 14 35 | 0 8 | 18 56 | 3 50 | 1 24 | 0 50 | 28 29 | 10 5 | 0 15 |
| T 28 | 18 23 | 27 44 | 4 55 | 12 28 | 1 8 | 20 4 | 0 55 | 19 3 | 1 38 | 19 34 | 0 47 | 22 23 | 0 46 | 19 7 | 0 34 | 14 36 | 0 8 | 18 56 | 3 50 | 1 28 | 0 52 | 28 29 | 10 6 | 0 15 |
| F 29 | 18 7 | 25 43 | 4 31 | 12 10 | 1 26 | 19 48 | 0 57 | 19 11 | 1 38 | 19 35 | 0 46 | 22 23 | 0 46 | 19 6 | 0 34 | 14 36 | 0 8 | 18 56 | 3 50 | 1 32 | 0 53 | 28 29 | 10 6 | 0 15 |
| S 30 | 17 51 | 22 31 | 3 55 | 11 56 | 1 44 | 19 31 | 0 59 | 19 19 | 1 38 | 19 35 | 0 46 | 22 24 | 0 46 | 19 6 | 0 34 | 14 37 | 0 8 | 18 56 | 3 50 | 1 36 | 0 54 | 28 28 | 10 7 | 0 15 |
| S 31 | 17s35 | 18s20 | 3s 8 | 11s46 | 2n 2 | 19s13 | 1s 0 | 19n26 | 1n39 | 19n36 | 0s46 | 22n24 | 0s45 | 19s 5 | 0s34 | 14n37 | 0n 8 | 18n56 | 3s50 | 1s39 | 0s55 | 28s28 | 10n 7 | 0n15 |

Julian Day Number = 2603485.5, Delta T = 09m25s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'23, Lahiri = 29°40'24


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## FEBRUARY 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 43 7 | 11♒27'42 | 0♓29 | 22°R54 | 9♒10 | 21♉ 2 | 1♊ 8 | 7°R49 | 6♒54 | 20°R52 | 13°R 2 | 25°R46 | 27♓37 | 3♑21 | 25♈40 | M 1 |
| T 2 | 8 47 4 | 12°28'43 | 12°55 | 22♒11 | 10°25 | 21°29 | 1°10 | 7♋45 | 6°57 | 20♌50 | 13♋ 1 | 25♓42 | 27°34 | 3°28 | 25°41 | T 2 |
| W 3 | 8 51 0 | 13°29'42 | 25°32 | 21°19 | 11°41 | 21°57 | 1°11 | 7°41 | 7° 1 | 20°48 | 13° 0 | 25°D42 | 27°31 | 3°35 | 25°43 | W 3 |
| T 4 | 8 54 57 | 14°30'40 | 8♈21 | 20°18 | 12°56 | 22°26 | 1°13 | 7°38 | 7° 4 | 20°47 | 12°59 | 25°42 | 27°28 | 3°42 | 25°44 | T 4 |
| F 5 | 8 58 53 | 15°31'38 | 21°25 | 19°11 | 14°12 | 22°54 | 1°15 | 7°35 | 7° 8 | 20°45 | 12°58 | 25°44 | 27°24 | 3°48 | 25°46 | F 5 |
| S 6 | 9 2 50 | 16°32'34 | 4♉46 | 17°59 | 15°27 | 23°23 | 1°17 | 7°31 | 7°11 | 20°43 | 12°57 | 25°45 | 27°21 | 3°55 | 25°48 | S 6 |
| S 7 | 9 6 46 | 17°33'29 | 18°26 | 16°45 | 16°42 | 23°52 | 1°20 | 7°28 | 7°15 | 20°42 | 12°56 | 25°R46 | 27°18 | 4° 2 | 25°50 | S 7 |
| M 8 | 9 10 43 | 18°34'22 | 2♊26 | 15°30 | 17°58 | 24°21 | 1°22 | 7°25 | 7°18 | 20°40 | 12°55 | 25°45 | 27°15 | 4° 9 | 25°52 | M 8 |
| T 9 | 9 14 39 | 19°35'15 | 16°46 | 14°17 | 19°13 | 24°50 | 1°25 | 7°22 | 7°22 | 20°38 | 12°54 | 25°42 | 27°12 | 4°15 | 25°53 | T 9 |
| W10 | 9 18 36 | 20°36'06 | 1♋22 | 13° 8 | 20°28 | 25°19 | 1°28 | 7°19 | 7°25 | 20°37 | 12°53 | 25°38 | 27° 8 | 4°22 | 25°55 | W10 |
| T 11 | 9 22 33 | 21°36'56 | 16°11 | 12° 5 | 21°44 | 25°49 | 1°31 | 7°16 | 7°29 | 20°35 | 12°52 | 25°33 | 27° 5 | 4°29 | 25°57 | T 11 |
| F 12 | 9 26 29 | 22°37'44 | 1♌ 5 | 11° 7 | 22°59 | 26°19 | 1°35 | 7°13 | 7°32 | 20°33 | 12°51 | 25°28 | 27° 2 | 4°35 | 25°59 | F 12 |
| S 13 | 9 30 26 | 23°38'32 | 15°56 | 10°18 | 24°14 | 26°48 | 1°38 | 7°11 | 7°36 | 20°32 | 12°50 | 25°23 | 26°59 | 4°42 | 26° 2 | S 13 |
| S 14 | 9 34 22 | 24°39'17 | 0♍35 | 9°36 | 25°30 | 27°19 | 1°42 | 7° 8 | 7°39 | 20°30 | 12°49 | 25°20 | 26°56 | 4°49 | 26° 4 | S 14 |
| M15 | 9 38 19 | 25°40'02 | 14°56 | 9° 2 | 26°45 | 27°49 | 1°46 | 7° 6 | 7°42 | 20°28 | 12°48 | 25°18 | 26°53 | 4°56 | 26° 6 | M15 |
| T 16 | 9 42 15 | 26°40'46 | 28°53 | 8°37 | 28° 0 | 28°19 | 1°50 | 7° 3 | 7°46 | 20°26 | 12°47 | 25°D18 | 26°49 | 5° 2 | 26° 8 | T 16 |
| W17 | 9 46 12 | 27°41'28 | 12♎24 | 8°20 | 29°15 | 28°50 | 1°54 | 7° 1 | 7°49 | 20°25 | 12°47 | 25°19 | 26°46 | 5° 9 | 26°10 | W17 |
| T 18 | 9 50 8 | 28°42'09 | 25°31 | 8°11 | 0♓31 | 29°20 | 1°59 | 6°59 | 7°53 | 20°23 | 12°46 | 25°20 | 26°43 | 5°16 | 26°13 | T 18 |
| F 19 | 9 54 5 | 29°42'50 | 8♏14 | 8°D 9 | 1°46 | 29°51 | 2° 3 | 6°57 | 7°56 | 20°21 | 12°45 | 25°22 | 26°40 | 5°23 | 26°15 | F 19 |
| S 20 | 9 58 2 | 0♓43'29 | 20°38 | 8°15 | 3° 1 | 0♊22 | 2° 8 | 6°55 | 7°59 | 20°20 | 12°44 | 25°23 | 26°37 | 5°29 | 26°18 | S 20 |
| S 21 | 10 1 58 | 1°44'07 | 2♐46 | 8°27 | 4°16 | 0°53 | 2°13 | 6°53 | 8° 3 | 20°18 | 12°43 | 25°R24 | 26°34 | 5°36 | 26°20 | S 21 |
| M22 | 10 5 55 | 2°44'45 | 14°45 | 8°45 | 5°31 | 1°24 | 2°18 | 6°52 | 8° 6 | 20°17 | 12°43 | 25°23 | 26°30 | 5°43 | 26°23 | M22 |
| T 23 | 10 9 51 | 3°45'21 | 26°37 | 9° 9 | 6°47 | 1°56 | 2°24 | 6°50 | 8° 9 | 20°15 | 12°42 | 25°21 | 26°27 | 5°49 | 26°25 | T 23 |
| W24 | 10 13 48 | 4°45'56 | 8♑29 | 9°39 | 8° 2 | 2°27 | 2°29 | 6°49 | 8°12 | 20°13 | 12°41 | 25°19 | 26°24 | 5°56 | 26°28 | W24 |
| T 25 | 10 17 44 | 5°46'29 | 20°23 | 10°13 | 9°17 | 2°59 | 2°35 | 6°47 | 8°16 | 20°12 | 12°41 | 25°16 | 26°21 | 6° 3 | 26°30 | T 25 |
| F 26 | 10 21 41 | 6°47'01 | 2♒24 | 10°52 | 10°32 | 3°31 | 2°41 | 6°46 | 8°19 | 20°10 | 12°40 | 25°12 | 26°18 | 6°10 | 26°33 | F 26 |
| S 27 | 10 25 37 | 7°47'32 | 14°33 | 11°35 | 11°47 | 4° 3 | 2°47 | 6°45 | 8°22 | 20° 8 | 12°39 | 25°10 | 26°14 | 6°16 | 26°36 | S 27 |
| S 28 | 10 29 34 | 8°48'02 | 26°53 | 12°22 | 13° 2 | 4°35 | 2°53 | 6°44 | 8°25 | 20° 7 | 12°39 | 25° 7 | 26°11 | 6°23 | 26°38 | S 28 |
| M29 | 10 33 31 | 9♓48'30 | 9♓25 | 13♒13 | 14♓18 | 5♊ 7 | 3♊ 0 | 6♋43 | 8♒28 | 20♌ 5 | 12♋38 | 25♓ 6 | 26♓ 8 | 6♑30 | 26♈41 | M29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s18 | 13s20 | 2s12 | 11s40 | 2n19 | 18s55 | 1s 2 | 19n34 | 1n39 | 19n36 | 0s46 | 22n24 | 0s45 | 19s 4 | 0s34 | 14n38 | 0n 8 | 18n57 | 3s49 | 1s41 | 0s57 | 28s28 | 10n 7 | 0n15 |
| T 2 | 17 1 | 7 45 | 1 9 | 11 38 | 2 35 | 18 37 | 1 4 | 19 42 | 1 39 | 19 37 | 0 45 | 22 25 | 0 45 | 19 3 | 0 34 | 14 39 | 0 8 | 18 57 | 3 49 | 1 42 | 0 58 | 28 28 | 10 8 | 0 15 |
| W 3 | 16 44 | 1 47 | 0 1 | 11 40 | 2 50 | 18 17 | 1 5 | 19 49 | 1 40 | 19 37 | 0 45 | 22 25 | 0 45 | 19 2 | 0 34 | 14 39 | 0 8 | 18 57 | 3 49 | 1 43 | 0 59 | 28 27 | 10 8 | 0 14 |
| T 4 | 16 27 | 4n21 | 1n 8 | 11 47 | 3 4 | 17 58 | 1 7 | 19 57 | 1 40 | 19 38 | 0 45 | 22 25 | 0 45 | 19 1 | 0 34 | 14 40 | 0 8 | 18 57 | 3 49 | 1 42 | 1 1 | 28 27 | 10 9 | 0 14 |
| F 5 | 16 9 | 10 25 | 2 15 | 11 56 | 3 15 | 17 38 | 1 8 | 20 4 | 1 40 | 19 38 | 0 45 | 22 26 | 0 45 | 19 0 | 0 34 | 14 40 | 0 8 | 18 57 | 3 49 | 1 42 | 1 2 | 28 27 | 10 9 | 0 14 |
| S 6 | 15 51 | 16 10 | 3 16 | 12 10 | 3 25 | 17 17 | 1 10 | 20 12 | 1 40 | 19 39 | 0 44 | 22 26 | 0 44 | 18 59 | 0 34 | 14 41 | 0 8 | 18 58 | 3 49 | 1 41 | 1 3 | 28 26 | 10 10 | 0 14 |
| S 7 | 15 32 | 21 14 | 4 8 | 12 25 | 3 31 | 16 56 | 1 11 | 20 19 | 1 41 | 19 40 | 0 44 | 22 26 | 0 44 | 18 58 | 0 34 | 14 41 | 0 8 | 18 58 | 3 49 | 1 41 | 1 4 | 28 26 | 10 11 | 0 14 |
| M 8 | 15 14 | 25 16 | 4 46 | 12 43 | 3 36 | 16 34 | 1 12 | 20 27 | 1 41 | 19 41 | 0 44 | 22 27 | 0 44 | 18 58 | 0 34 | 14 42 | 0 8 | 18 58 | 3 49 | 1 41 | 1 6 | 28 26 | 10 11 | 0 14 |
| T 9 | 14 55 | 27 49 | 5 7 | 13 2 | 3 38 | 16 12 | 1 14 | 20 34 | 1 41 | 19 41 | 0 44 | 22 27 | 0 44 | 18 57 | 0 34 | 14 42 | 0 8 | 18 58 | 3 49 | 1 42 | 1 7 | 28 25 | 10 12 | 0 14 |
| W10 | 14 36 | 28 32 | 5 9 | 13 22 | 3 37 | 15 49 | 1 15 | 20 42 | 1 41 | 19 42 | 0 43 | 22 27 | 0 44 | 18 56 | 0 34 | 14 43 | 0 8 | 18 58 | 3 48 | 1 44 | 1 8 | 28 25 | 10 12 | 0 14 |
| T 11 | 14 16 | 27 14 | 4 51 | 13 42 | 3 34 | 15 26 | 1 16 | 20 49 | 1 42 | 19 43 | 0 43 | 22 28 | 0 44 | 18 55 | 0 34 | 14 43 | 0 8 | 18 59 | 3 48 | 1 46 | 1 9 | 28 25 | 10 13 | 0 14 |
| F 12 | 13 57 | 24 0 | 4 13 | 14 2 | 3 29 | 15 3 | 1 17 | 20 56 | 1 42 | 19 44 | 0 43 | 22 28 | 0 43 | 18 54 | 0 34 | 14 44 | 0 8 | 18 59 | 3 48 | 1 48 | 1 11 | 28 24 | 10 14 | 0 14 |
| S 13 | 13 37 | 19 11 | 3 18 | 14 22 | 3 23 | 14 39 | 1 18 | 21 3 | 1 42 | 19 45 | 0 43 | 22 28 | 0 43 | 18 53 | 0 34 | 14 45 | 0 8 | 18 59 | 3 48 | 1 50 | 1 12 | 28 24 | 10 14 | 0 14 |
| S 14 | 13 17 | 13 17 | 2 11 | 14 41 | 3 15 | 14 14 | 1 19 | 21 10 | 1 42 | 19 46 | 0 42 | 22 29 | 0 43 | 18 52 | 0 34 | 14 45 | 0 8 | 18 59 | 3 48 | 1 51 | 1 13 | 28 24 | 10 15 | 0 13 |
| M15 | 12 56 | 6 48 | 0 56 | 14 58 | 3 6 | 13 50 | 1 20 | 21 17 | 1 42 | 19 47 | 0 42 | 22 29 | 0 43 | 18 52 | 0 34 | 14 46 | 0 8 | 18 59 | 3 48 | 1 52 | 1 14 | 28 23 | 10 16 | 0 13 |
| T 16 | 12 36 | 0 9 | 0s20 | 15 15 | 2 55 | 13 25 | 1 21 | 21 24 | 1 42 | 19 48 | 0 42 | 22 29 | 0 43 | 18 51 | 0 34 | 14 46 | 0 8 | 19 0 | 3 48 | 1 52 | 1 16 | 28 23 | 10 17 | 0 13 |
| W17 | 12 15 | 6s19 | 1 32 | 15 30 | 2 44 | 12 59 | 1 22 | 21 31 | 1 42 | 19 49 | 0 42 | 22 30 | 0 43 | 18 50 | 0 34 | 14 47 | 0 8 | 19 0 | 3 48 | 1 52 | 1 17 | 28 22 | 10 17 | 0 13 |
| T 18 | 11 54 | 12 18 | 2 38 | 15 43 | 2 33 | 12 33 | 1 23 | 21 38 | 1 43 | 19 50 | 0 41 | 22 30 | 0 42 | 18 49 | 0 35 | 14 47 | 0 8 | 19 0 | 3 48 | 1 51 | 1 18 | 28 22 | 10 18 | 0 13 |
| F 19 | 11 33 | 17 36 | 3 34 | 15 56 | 2 20 | 12 7 | 1 23 | 21 45 | 1 43 | 19 51 | 0 41 | 22 30 | 0 42 | 18 48 | 0 35 | 14 48 | 0 8 | 19 0 | 3 47 | 1 50 | 1 19 | 28 22 | 10 19 | 0 13 |
| S 20 | 11 12 | 22 1 | 4 18 | 16 6 | 2 8 | 11 41 | 1 24 | 21 51 | 1 43 | 19 53 | 0 41 | 22 30 | 0 42 | 18 47 | 0 35 | 14 48 | 0 8 | 19 0 | 3 47 | 1 50 | 1 21 | 28 21 | 10 20 | 0 13 |
| S 21 | 10 50 | 25 25 | 4 50 | 16 15 | 1 56 | 11 14 | 1 25 | 21 58 | 1 43 | 19 54 | 0 41 | 22 31 | 0 42 | 18 46 | 0 35 | 14 49 | 0 8 | 19 1 | 3 47 | 1 50 | 1 22 | 28 21 | 10 20 | 0 13 |
| M22 | 10 28 | 27 38 | 5 9 | 16 22 | 1 43 | 10 47 | 1 25 | 22 5 | 1 43 | 19 55 | 0 40 | 22 31 | 0 42 | 18 46 | 0 35 | 14 49 | 0 8 | 19 1 | 3 47 | 1 50 | 1 23 | 28 20 | 10 21 | 0 13 |
| T 23 | 10 7 | 28 35 | 5 14 | 16 28 | 1 31 | 10 20 | 1 25 | 22 11 | 1 43 | 19 56 | 0 40 | 22 31 | 0 42 | 18 45 | 0 35 | 14 50 | 0 8 | 19 1 | 3 47 | 1 51 | 1 24 | 28 20 | 10 22 | 0 13 |
| W24 | 9 45 | 28 13 | 5 6 | 16 32 | 1 19 | 9 52 | 1 26 | 22 17 | 1 43 | 19 58 | 0 40 | 22 31 | 0 41 | 18 44 | 0 35 | 14 50 | 0 8 | 19 1 | 3 47 | 1 52 | 1 26 | 28 19 | 10 23 | 0 13 |
| T 25 | 9 22 | 26 32 | 4 45 | 16 35 | 1 7 | 9 24 | 1 26 | 22 24 | 1 43 | 19 59 | 0 40 | 22 32 | 0 41 | 18 43 | 0 35 | 14 51 | 0 8 | 19 1 | 3 47 | 1 53 | 1 27 | 28 19 | 10 24 | 0 12 |
| F 26 | 9 0 | 23 39 | 4 11 | 16 36 | 0 55 | 8 56 | 1 26 | 22 30 | 1 43 | 20 0 | 0 39 | 22 32 | 0 41 | 18 42 | 0 35 | 14 51 | 0 8 | 19 2 | 3 47 | 1 54 | 1 28 | 28 19 | 10 25 | 0 12 |
| S 27 | 8 38 | 19 42 | 3 25 | 16 35 | 0 43 | 8 28 | 1 27 | 22 36 | 1 43 | 20 2 | 0 39 | 22 32 | 0 41 | 18 41 | 0 35 | 14 52 | 0 8 | 19 2 | 3 46 | 1 55 | 1 29 | 28 18 | 10 26 | 0 12 |
| S 28 | 8 15 | 14 52 | 2 29 | 16 33 | 0 32 | 7 59 | 1 27 | 22 42 | 1 43 | 20 3 | 0 39 | 22 32 | 0 41 | 18 41 | 0 35 | 14 53 | 0 8 | 19 2 | 3 46 | 1 56 | 1 31 | 28 18 | 10 27 | 0 12 |
| M29 | 7s53 | 9s20 | 1s25 | 16s29 | 0n21 | 7s30 | 1s27 | 22n48 | 1n43 | 20n 5 | 0s39 | 22n33 | 0s41 | 18s40 | 0s35 | 14n53 | 0n 8 | 19n 2 | 3s46 | 1s57 | 1s32 | 28s17 | 10n27 | 0n12 |

Julian Day Number = 2603516.5, Delta T = 09m25s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'27, Lahiri = 29°40'28


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## MARCH 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 37 27 | 10♓48'56 | 22♓11 | 14♒ 6 | 15♓33 | 5♊39 | 3♊ 6 | 6°R42 | 8♒32 | 20°R 4 | 12°R38 | 25°D 5 | 26♓ 5 | 6♉36 | 26♈44 | T 1 |
| W 2 | 10 41 24 | 11°49'20 | 5♈ 9 | 15° 3 | 16°48 | 6°11 | 3°13 | 6♋41 | 8°35 | 20♌ 2 | 12♋37 | 25♓ 5 | 26° 2 | 6°43 | 26°47 | W 2 |
| T 3 | 10 45 20 | 12°49'43 | 18°20 | 16° 3 | 18° 3 | 6°44 | 3°20 | 6°41 | 8°38 | 20° 1 | 12°36 | 25° 6 | 25°59 | 6°50 | 26°50 | T 3 |
| F 4 | 10 49 17 | 13°50'04 | 1♉44 | 17° 5 | 19°18 | 7°16 | 3°27 | 6°40 | 8°41 | 19°59 | 12°36 | 25° 7 | 25°55 | 6°57 | 26°53 | F 4 |
| S 5 | 10 53 13 | 14°50'23 | 15°20 | 18° 9 | 20°33 | 7°49 | 3°34 | 6°40 | 8°44 | 19°58 | 12°35 | 25° 8 | 25°52 | 7° 3 | 26°56 | S 5 |
| S 6 | 10 57 10 | 15°50'41 | 29° 9 | 19°16 | 21°48 | 8°22 | 3°41 | 6°39 | 8°47 | 19°56 | 12°35 | 25° 9 | 25°49 | 7°10 | 26°59 | S 6 |
| M 7 | 11 1 6 | 16°50'56 | 13♊ 9 | 20°25 | 23° 3 | 8°54 | 3°49 | 6°39 | 8°50 | 19°55 | 12°35 | 25°R 9 | 25°46 | 7°17 | 27° 2 | M 7 |
| T 8 | 11 5 3 | 17°51'09 | 27°19 | 21°36 | 24°18 | 9°27 | 3°56 | 6°D39 | 8°53 | 19°53 | 12°34 | 25° 9 | 25°43 | 7°23 | 27° 5 | T 8 |
| W 9 | 11 9 0 | 18°51'21 | 11♋37 | 22°49 | 25°33 | 10° 0 | 4° 4 | 6°39 | 8°56 | 19°52 | 12°34 | 25° 9 | 25°39 | 7°30 | 27° 8 | W 9 |
| T 10 | 11 12 56 | 19°51'30 | 26° 0 | 24° 4 | 26°48 | 10°33 | 4°12 | 6°39 | 8°59 | 19°50 | 12°33 | 25° 8 | 25°36 | 7°37 | 27°11 | T 10 |
| F 11 | 11 16 53 | 20°51'37 | 10♌25 | 25°21 | 28° 3 | 11° 7 | 4°20 | 6°40 | 9° 1 | 19°49 | 12°33 | 25° 8 | 25°33 | 7°44 | 27°14 | F 11 |
| S 12 | 11 20 49 | 21°51'42 | 24°47 | 26°39 | 29°17 | 11°40 | 4°28 | 6°40 | 9° 4 | 19°48 | 12°33 | 25° 7 | 25°30 | 7°50 | 27°18 | S 12 |
| S 13 | 11 24 46 | 22°51'45 | 9♍ 0 | 27°58 | 0♈32 | 12°13 | 4°37 | 6°41 | 9° 7 | 19°46 | 12°32 | 25° 7 | 25°27 | 7°57 | 27°21 | S 13 |
| M14 | 11 28 42 | 23°51'46 | 23° 1 | 29°20 | 1°47 | 12°47 | 4°45 | 6°41 | 9°10 | 19°45 | 12°32 | 25°D 7 | 25°24 | 8° 4 | 27°24 | M14 |
| T 15 | 11 32 39 | 24°51'45 | 6♎45 | 0♓42 | 3° 2 | 13°20 | 4°54 | 6°42 | 9°12 | 19°43 | 12°32 | 25°R 7 | 25°20 | 8°11 | 27°27 | T 15 |
| W16 | 11 36 35 | 25°51'42 | 20° 9 | 2° 6 | 4°17 | 13°54 | 5° 2 | 6°43 | 9°15 | 19°42 | 12°32 | 25° 7 | 25°17 | 8°17 | 27°31 | W16 |
| T 17 | 11 40 32 | 26°51'38 | 3♏14 | 3°32 | 5°31 | 14°27 | 5°11 | 6°44 | 9°18 | 19°41 | 12°31 | 25° 7 | 25°14 | 8°24 | 27°34 | T 17 |
| F 18 | 11 44 28 | 27°51'32 | 15°59 | 4°59 | 6°46 | 15° 1 | 5°20 | 6°45 | 9°20 | 19°40 | 12°31 | 25° 6 | 25°11 | 8°31 | 27°37 | F 18 |
| S 19 | 11 48 25 | 28°51'24 | 28°26 | 6°27 | 8° 1 | 15°35 | 5°29 | 6°46 | 9°23 | 19°38 | 12°31 | 25° 6 | 25° 8 | 8°37 | 27°41 | S 19 |
| S 20 | 11 52 22 | 29°51'15 | 10♐38 | 7°56 | 9°16 | 16° 9 | 5°39 | 6°47 | 9°26 | 19°37 | 12°31 | 25° 6 | 25° 5 | 8°44 | 27°44 | S 20 |
| M21 | 11 56 18 | 0♈51'04 | 22°39 | 9°27 | 10°30 | 16°43 | 5°48 | 6°49 | 9°28 | 19°36 | 12°31 | 25° 5 | 25° 1 | 8°51 | 27°48 | M21 |
| T 22 | 12 0 15 | 1°50'51 | 4♑33 | 10°59 | 11°45 | 17°16 | 5°57 | 6°50 | 9°31 | 19°35 | 12°31 | 25°D 5 | 24°58 | 8°58 | 27°51 | T 22 |
| W23 | 12 4 11 | 2°50'37 | 16°25 | 12°32 | 13° 0 | 17°51 | 6° 7 | 6°52 | 9°33 | 19°34 | 12°30 | 25° 6 | 24°55 | 9° 4 | 27°54 | W23 |
| T 24 | 12 8 8 | 3°50'21 | 28°20 | 14° 7 | 14°14 | 18°25 | 6°17 | 6°54 | 9°36 | 19°33 | 12°30 | 25° 6 | 24°52 | 9°11 | 27°58 | T 24 |
| F 25 | 12 12 4 | 4°50'03 | 10♒23 | 15°43 | 15°29 | 18°59 | 6°27 | 6°56 | 9°38 | 19°31 | 12°30 | 25° 7 | 24°49 | 9°18 | 28° 1 | F 25 |
| S 26 | 12 16 1 | 5°49'44 | 22°36 | 17°20 | 16°44 | 19°33 | 6°37 | 6°58 | 9°40 | 19°30 | 12°D30 | 25° 8 | 24°45 | 9°24 | 28° 5 | S 26 |
| S 27 | 12 19 57 | 6°49'23 | 5♓ 4 | 18°58 | 17°58 | 20° 7 | 6°47 | 7° 0 | 9°43 | 19°29 | 12°30 | 25° 9 | 24°42 | 9°31 | 28° 9 | S 27 |
| M28 | 12 23 54 | 7°48'59 | 17°49 | 20°38 | 19°13 | 20°42 | 6°57 | 7° 2 | 9°45 | 19°28 | 12°30 | 25°10 | 24°39 | 9°38 | 28°12 | M28 |
| T 29 | 12 27 51 | 8°48'34 | 0♈52 | 22°19 | 20°27 | 21°16 | 7° 7 | 7° 4 | 9°47 | 19°27 | 12°30 | 25°R10 | 24°36 | 9°45 | 28°16 | T 29 |
| W30 | 12 31 47 | 9°48'07 | 14°13 | 24° 1 | 21°42 | 21°51 | 7°17 | 7° 6 | 9°49 | 19°26 | 12°30 | 25° 9 | 24°33 | 9°51 | 28°19 | W30 |
| T 31 | 12 35 44 | 10♈47'38 | 27♈50 | 25♓44 | 22♈56 | 22♊25 | 7♊28 | 7♋ 9 | 9♒51 | 19♌25 | 12♋31 | 25♓ 8 | 24♓30 | 9♉58 | 28♈23 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s30 | 3s21 | 0s16 | 16s24 | 0n10 | 7s 1 | 1s27 | 22n53 | 1n43 | 20n 6 | 0s39 | 22n33 | 0s40 | 18s39 | 0s35 | 14n54 | 0n 8 | 19n 2 | 3s46 | 1s57 | 1s33 | 28s17 | 10n28 | 0n12 |
| W 2 | 7 7 | 2n53 | 0n55 | 16 18 | 0s 1 | 6 32 | 1 27 | 22 59 | 1 43 | 20 8 | 0 38 | 22 33 | 0 40 | 18 38 | 0 35 | 14 54 | 0 8 | 19 3 | 3 46 | 1 57 | 1 35 | 28 16 | 10 29 | 0 12 |
| T 3 | 6 44 | 9 6 | 2 5 | 16 10 | 0 11 | 6 3 | 1 27 | 23 5 | 1 43 | 20 9 | 0 38 | 22 33 | 0 40 | 18 37 | 0 35 | 14 55 | 0 8 | 19 3 | 3 46 | 1 57 | 1 36 | 28 16 | 10 30 | 0 12 |
| F 4 | 6 21 | 15 0 | 3 9 | 16 0 | 0 20 | 5 33 | 1 26 | 23 10 | 1 43 | 20 11 | 0 38 | 22 33 | 0 40 | 18 37 | 0 35 | 14 55 | 0 8 | 19 3 | 3 46 | 1 56 | 1 37 | 28 15 | 10 31 | 0 12 |
| S 5 | 5 58 | 20 17 | 4 4 | 15 50 | 0 30 | 5 3 | 1 26 | 23 16 | 1 43 | 20 12 | 0 38 | 22 34 | 0 40 | 18 36 | 0 35 | 14 55 | 0 8 | 19 3 | 3 46 | 1 56 | 1 38 | 28 14 | 10 32 | 0 12 |
| S 6 | 5 34 | 24 33 | 4 45 | 15 38 | 0 39 | 4 34 | 1 26 | 23 21 | 1 43 | 20 14 | 0 37 | 22 34 | 0 40 | 18 35 | 0 35 | 14 56 | 0 8 | 19 3 | 3 45 | 1 55 | 1 40 | 28 14 | 10 33 | 0 12 |
| M 7 | 5 11 | 27 27 | 5 10 | 15 24 | 0 48 | 4 4 | 1 25 | 23 26 | 1 43 | 20 15 | 0 37 | 22 34 | 0 39 | 18 34 | 0 35 | 14 56 | 0 8 | 19 3 | 3 45 | 1 55 | 1 41 | 28 13 | 10 34 | 0 12 |
| T 8 | 4 47 | 28 38 | 5 16 | 15 9 | 0 56 | 3 34 | 1 25 | 23 31 | 1 43 | 20 17 | 0 37 | 22 34 | 0 39 | 18 34 | 0 35 | 14 57 | 0 8 | 19 4 | 3 45 | 1 55 | 1 42 | 28 13 | 10 35 | 0 11 |
| W 9 | 4 24 | 27 55 | 5 4 | 14 53 | 1 4 | 3 3 | 1 24 | 23 36 | 1 43 | 20 19 | 0 37 | 22 34 | 0 39 | 18 33 | 0 35 | 14 57 | 0 8 | 19 4 | 3 45 | 1 56 | 1 43 | 28 12 | 10 36 | 0 11 |
| T 10 | 4 0 | 25 21 | 4 32 | 14 35 | 1 11 | 2 33 | 1 24 | 23 41 | 1 43 | 20 20 | 0 37 | 22 34 | 0 39 | 18 32 | 0 35 | 14 58 | 0 8 | 19 4 | 3 45 | 1 56 | 1 45 | 28 12 | 10 37 | 0 11 |
| F 11 | 3 37 | 21 10 | 3 43 | 14 17 | 1 18 | 2 3 | 1 23 | 23 45 | 1 43 | 20 22 | 0 36 | 22 35 | 0 39 | 18 31 | 0 35 | 14 58 | 0 8 | 19 4 | 3 45 | 1 56 | 1 46 | 28 11 | 10 39 | 0 11 |
| S 12 | 3 13 | 15 45 | 2 40 | 13 57 | 1 25 | 1 33 | 1 22 | 23 50 | 1 43 | 20 24 | 0 36 | 22 35 | 0 39 | 18 31 | 0 35 | 14 59 | 0 8 | 19 4 | 3 45 | 1 56 | 1 47 | 28 10 | 10 40 | 0 11 |
| S 13 | 2 50 | 9 32 | 1 28 | 13 35 | 1 32 | 1 2 | 1 22 | 23 54 | 1 43 | 20 25 | 0 36 | 22 35 | 0 38 | 18 30 | 0 35 | 14 59 | 0 8 | 19 4 | 3 44 | 1 56 | 1 48 | 28 10 | 10 41 | 0 11 |
| M14 | 2 26 | 2 57 | 0 12 | 13 13 | 1 38 | 0 32 | 1 21 | 23 59 | 1 42 | 20 27 | 0 36 | 22 35 | 0 38 | 18 29 | 0 35 | 15 0 | 0 8 | 19 5 | 3 44 | 1 56 | 1 50 | 28 9 | 10 42 | 0 11 |
| T 15 | 2 2 | 3s39 | 1s 4 | 12 49 | 1 43 | 0 1 | 1 20 | 24 3 | 1 42 | 20 29 | 0 36 | 22 35 | 0 38 | 18 29 | 0 35 | 15 0 | 0 8 | 19 5 | 3 44 | 1 56 | 1 51 | 28 9 | 10 43 | 0 11 |
| W16 | 1 38 | 9 56 | 2 14 | 12 23 | 1 49 | 0n29 | 1 19 | 24 7 | 1 42 | 20 31 | 0 35 | 22 35 | 0 38 | 18 28 | 0 35 | 15 0 | 0 8 | 19 5 | 3 44 | 1 56 | 1 52 | 28 8 | 10 44 | 0 11 |
| T 17 | 1 15 | 15 38 | 3 16 | 11 57 | 1 53 | 1 0 | 1 18 | 24 11 | 1 42 | 20 32 | 0 35 | 22 35 | 0 38 | 18 27 | 0 35 | 15 1 | 0 8 | 19 5 | 3 44 | 1 56 | 1 53 | 28 7 | 10 45 | 0 11 |
| F 18 | 0 51 | 20 31 | 4 6 | 11 30 | 1 58 | 1 30 | 1 17 | 24 14 | 1 42 | 20 34 | 0 35 | 22 35 | 0 38 | 18 27 | 0 35 | 15 1 | 0 8 | 19 5 | 3 44 | 1 56 | 1 55 | 28 7 | 10 46 | 0 11 |
| S 19 | 0 27 | 24 22 | 4 43 | 11 1 | 2 2 | 2 1 | 1 16 | 24 18 | 1 42 | 20 36 | 0 35 | 22 36 | 0 37 | 18 26 | 0 35 | 15 2 | 0 8 | 19 5 | 3 44 | 1 57 | 1 56 | 28 6 | 10 47 | 0 11 |
| S 20 | 0 3 | 27 3 | 5 7 | 10 31 | 2 5 | 2 31 | 1 15 | 24 21 | 1 42 | 20 38 | 0 35 | 22 36 | 0 37 | 18 25 | 0 35 | 15 2 | 0 8 | 19 6 | 3 43 | 1 57 | 1 57 | 28 5 | 10 48 | 0 10 |
| M21 | 0n20 | 28 27 | 5 17 | 10 0 | 2 9 | 3 2 | 1 13 | 24 25 | 1 42 | 20 40 | 0 34 | 22 36 | 0 37 | 18 25 | 0 35 | 15 2 | 0 8 | 19 6 | 3 43 | 1 57 | 1 58 | 28 5 | 10 50 | 0 10 |
| T 22 | 0 44 | 28 31 | 5 13 | 9 27 | 2 11 | 3 32 | 1 12 | 24 28 | 1 42 | 20 42 | 0 34 | 22 36 | 0 37 | 18 24 | 0 35 | 15 3 | 0 8 | 19 6 | 3 43 | 1 57 | 2 0 | 28 4 | 10 51 | 0 10 |
| W23 | 1 8 | 27 16 | 4 55 | 8 54 | 2 14 | 4 2 | 1 11 | 24 31 | 1 42 | 20 43 | 0 34 | 22 36 | 0 37 | 18 23 | 0 35 | 15 3 | 0 8 | 19 6 | 3 43 | 1 57 | 2 1 | 28 3 | 10 52 | 0 10 |
| T 24 | 1 31 | 24 47 | 4 25 | 8 19 | 2 16 | 4 32 | 1 9 | 24 34 | 1 41 | 20 45 | 0 34 | 22 36 | 0 37 | 18 23 | 0 35 | 15 3 | 0 8 | 19 6 | 3 43 | 1 57 | 2 2 | 28 3 | 10 53 | 0 10 |
| F 25 | 1 55 | 21 11 | 3 43 | 7 44 | 2 17 | 5 2 | 1 8 | 24 37 | 1 41 | 20 47 | 0 34 | 22 36 | 0 36 | 18 22 | 0 35 | 15 4 | 0 8 | 19 6 | 3 43 | 1 56 | 2 3 | 28 2 | 10 54 | 0 10 |
| S 26 | 2 19 | 16 38 | 2 51 | 7 7 | 2 18 | 5 32 | 1 6 | 24 39 | 1 41 | 20 49 | 0 34 | 22 36 | 0 36 | 18 22 | 0 35 | 15 4 | 0 8 | 19 6 | 3 43 | 1 56 | 2 5 | 28 1 | 10 56 | 0 10 |
| S 27 | 2 42 | 11 19 | 1 49 | 6 29 | 2 19 | 6 2 | 1 5 | 24 42 | 1 41 | 20 51 | 0 33 | 22 36 | 0 36 | 18 21 | 0 35 | 15 4 | 0 8 | 19 7 | 3 42 | 1 55 | 2 6 | 28 1 | 10 57 | 0 10 |
| M28 | 3 6 | 5 26 | 0 41 | 5 50 | 2 19 | 6 32 | 1 3 | 24 44 | 1 41 | 20 53 | 0 33 | 22 36 | 0 36 | 18 20 | 0 35 | 15 5 | 0 8 | 19 7 | 3 42 | 1 55 | 2 7 | 28 0 | 10 58 | 0 10 |
| T 29 | 3 29 | 0n50 | 0n31 | 5 10 | 2 18 | 7 2 | 1 1 | 24 47 | 1 41 | 20 55 | 0 33 | 22 36 | 0 36 | 18 20 | 0 35 | 15 5 | 0 8 | 19 7 | 3 42 | 1 55 | 2 8 | 27 59 | 10 59 | 0 10 |
| W30 | 3 53 | 7 11 | 1 43 | 4 29 | 2 18 | 7 31 | 0 59 | 24 49 | 1 41 | 20 56 | 0 33 | 22 36 | 0 36 | 18 19 | 0 35 | 15 5 | 0 8 | 19 7 | 3 42 | 1 55 | 2 10 | 27 58 | 11 0 | 0 10 |
| T 31 | 4n16 | 13n20 | 2n51 | 3s47 | 2s16 | 8n 0 | 0s58 | 24n50 | 1n40 | 20n58 | 0s33 | 22n36 | 0s35 | 18s19 | 0s36 | 15n 6 | 0n 8 | 19n 7 | 3s42 | 1s56 | 2s11 | 27s58 | 11n 2 | 0n10 |

Julian Day Number = 2603545.5, Delta T = 09m25s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'31, Lahiri = 29°40'32


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## APRIL 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 39 40 | 11♈47'07 | 11♉42 | 27♓29 | 24♈11 | 23♊ 0 | 7♊38 | 7♋12 | 9♒53 | 19°R25 | 12♋31 | 25°R 5 | 24♓26 | 10♑ 5 | 28♈27 | F 1 |
| S 2 | 12 43 37 | 12°46'34 | 25°44 | 29°15 | 25°25 | 23°34 | 7°49 | 7°14 | 9°56 | 19♌24 | 12°31 | 25♓ 3 | 24°23 | 10°11 | 28°30 | S 2 |
| S 3 | 12 47 33 | 13°45'58 | 9♊54 | 1♈ 2 | 26°39 | 24° 9 | 8° 0 | 7°17 | 9°58 | 19°23 | 12°31 | 25° 1 | 24°20 | 10°18 | 28°34 | S 3 |
| M 4 | 12 51 30 | 14°45'21 | 24° 8 | 2°51 | 27°54 | 24°44 | 8°11 | 7°20 | 9°59 | 19°22 | 12°31 | 24°59 | 24°17 | 10°25 | 28°38 | M 4 |
| T 5 | 12 55 26 | 15°44'41 | 8♋22 | 4°41 | 29° 8 | 25°18 | 8°22 | 7°23 | 10° 1 | 19°21 | 12°31 | 24°58 | 24°14 | 10°32 | 28°41 | T 5 |
| W 6 | 12 59 23 | 16°43'58 | 22°34 | 6°33 | 0♉22 | 25°53 | 8°33 | 7°26 | 10° 3 | 19°20 | 12°32 | 24°D58 | 24°11 | 10°38 | 28°45 | W 6 |
| T 7 | 13 3 20 | 17°43'14 | 6♌41 | 8°25 | 1°37 | 26°28 | 8°44 | 7°29 | 10° 5 | 19°20 | 12°32 | 24°59 | 24° 7 | 10°45 | 28°49 | T 7 |
| F 8 | 13 7 16 | 18°42'27 | 20°43 | 10°20 | 2°51 | 27° 3 | 8°55 | 7°33 | 10° 7 | 19°19 | 12°32 | 25° 0 | 24° 4 | 10°52 | 28°52 | F 8 |
| S 9 | 13 11 13 | 19°41'37 | 4♍37 | 12°15 | 4° 5 | 27°38 | 9° 7 | 7°36 | 10° 9 | 19°18 | 12°33 | 25° 1 | 24° 1 | 10°58 | 28°56 | S 9 |
| S 10 | 13 15 9 | 20°40'46 | 18°21 | 14°12 | 5°19 | 28°13 | 9°18 | 7°39 | 10°10 | 19°18 | 12°33 | 25°R 2 | 23°58 | 11° 5 | 29° 0 | S 10 |
| M11 | 13 19 6 | 21°39'52 | 1♎55 | 16°10 | 6°33 | 28°48 | 9°29 | 7°43 | 10°12 | 19°17 | 12°33 | 25° 2 | 23°55 | 11°12 | 29° 4 | M11 |
| T 12 | 13 23 2 | 22°38'56 | 15°16 | 18° 9 | 7°47 | 29°23 | 9°41 | 7°47 | 10°14 | 19°17 | 12°34 | 25° 1 | 23°51 | 11°19 | 29° 7 | T 12 |
| W13 | 13 26 59 | 23°37'58 | 28°23 | 20°10 | 9° 2 | 29°58 | 9°53 | 7°50 | 10°15 | 19°16 | 12°34 | 24°58 | 23°48 | 11°25 | 29°11 | W13 |
| T 14 | 13 30 55 | 24°36'58 | 11♏16 | 22°12 | 10°16 | 0♋33 | 10° 4 | 7°54 | 10°17 | 19°16 | 12°34 | 24°54 | 23°45 | 11°32 | 29°15 | T 14 |
| F 15 | 13 34 52 | 25°35'57 | 23°54 | 24°15 | 11°30 | 1° 8 | 10°16 | 7°58 | 10°18 | 19°15 | 12°35 | 24°49 | 23°42 | 11°39 | 29°19 | F 15 |
| S 16 | 13 38 49 | 26°34'53 | 6♐18 | 26°19 | 12°44 | 1°43 | 10°28 | 8° 2 | 10°20 | 19°15 | 12°35 | 24°44 | 23°39 | 11°45 | 29°22 | S 16 |
| S 17 | 13 42 45 | 27°33'48 | 18°29 | 28°24 | 13°58 | 2°19 | 10°40 | 8° 6 | 10°21 | 19°14 | 12°36 | 24°38 | 23°36 | 11°52 | 29°26 | S 17 |
| M18 | 13 46 42 | 28°32'41 | 0♑30 | 0♉29 | 15°12 | 2°54 | 10°52 | 8°11 | 10°22 | 19°14 | 12°36 | 24°34 | 23°32 | 11°59 | 29°30 | M18 |
| T 19 | 13 50 38 | 29°31'32 | 12°24 | 2°35 | 16°26 | 3°29 | 11° 4 | 8°15 | 10°24 | 19°13 | 12°37 | 24°31 | 23°29 | 12° 6 | 29°34 | T 19 |
| W20 | 13 54 35 | 0♉30'21 | 24°16 | 4°42 | 17°39 | 4° 5 | 11°17 | 8°19 | 10°25 | 19°13 | 12°38 | 24°29 | 23°26 | 12°12 | 29°38 | W20 |
| T 21 | 13 58 31 | 1°29'09 | 6♒11 | 6°48 | 18°53 | 4°40 | 11°29 | 8°24 | 10°26 | 19°13 | 12°38 | 24°D29 | 23°23 | 12°19 | 29°41 | T 21 |
| F 22 | 14 2 28 | 2°27'55 | 18°13 | 8°54 | 20° 7 | 5°15 | 11°41 | 8°28 | 10°27 | 19°13 | 12°39 | 24°30 | 23°20 | 12°26 | 29°45 | F 22 |
| S 23 | 14 6 24 | 3°26'39 | 0♓26 | 11° 0 | 21°21 | 5°51 | 11°53 | 8°33 | 10°28 | 19°12 | 12°39 | 24°32 | 23°17 | 12°33 | 29°49 | S 23 |
| S 24 | 14 10 21 | 4°25'21 | 12°57 | 13° 5 | 22°35 | 6°26 | 12° 6 | 8°38 | 10°29 | 19°12 | 12°40 | 24°33 | 23°13 | 12°39 | 29°53 | S 24 |
| M25 | 14 14 18 | 5°24'02 | 25°48 | 15° 9 | 23°48 | 7° 2 | 12°18 | 8°43 | 10°30 | 19°12 | 12°41 | 24°R34 | 23°10 | 12°46 | 29°56 | M25 |
| T 26 | 14 18 14 | 6°22'41 | 9♈ 2 | 17°11 | 25° 2 | 7°37 | 12°31 | 8°47 | 10°31 | 19°12 | 12°41 | 24°33 | 23° 7 | 12°53 | 0♉ 0 | T 26 |
| W27 | 14 22 11 | 7°21'19 | 22°39 | 19°12 | 26°16 | 8°13 | 12°44 | 8°52 | 10°32 | 19°12 | 12°42 | 24°30 | 23° 4 | 12°59 | 0° 4 | W27 |
| T 28 | 14 26 7 | 8°19'54 | 6♉39 | 21°10 | 27°30 | 8°48 | 12°56 | 8°57 | 10°33 | 19°12 | 12°43 | 24°25 | 23° 1 | 13° 6 | 0° 8 | T 28 |
| F 29 | 14 30 4 | 9°18'28 | 20°58 | 23° 7 | 28°43 | 9°24 | 13° 9 | 9° 3 | 10°34 | 19°D12 | 12°44 | 24°19 | 22°57 | 13°13 | 0°11 | F 29 |
| S 30 | 14 34 0 | 10♉17'00 | 5♊29 | 25♉ 0 | 29♉57 | 10♋ 0 | 13♊22 | 9♋ 8 | 10♒35 | 19♌12 | 12♋44 | 24♓11 | 22♓54 | 13♑20 | 0♉15 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n39 | 18n57 | 3n49 | 3s 4 | 2s15 | 8n29 | 0s56 | 24n52 | 1n40 | 21n 0 | 0s32 | 22n36 | 0s35 | 18s18 | 0s36 | 15n 6 | 0n 8 | 19n 7 | 3s42 | 1s57 | 2s12 | 27s57 | 11n 3 | 0n 9 |
| S 2 | 5 2 | 23 36 | 4 35 | 2 19 | 2 12 | 8 58 | 0 54 | 24 54 | 1 40 | 21 2 | 0 32 | 22 36 | 0 35 | 18 18 | 0 36 | 15 6 | 0 8 | 19 7 | 3 42 | 1 58 | 2 14 | 27 56 | 11 4 | 0 9 |
| S 3 | 5 25 | 26 54 | 5 4 | 1 34 | 2 10 | 9 27 | 0 52 | 24 55 | 1 40 | 21 4 | 0 32 | 22 36 | 0 35 | 18 17 | 0 36 | 15 7 | 0 8 | 19 8 | 3 41 | 1 59 | 2 15 | 27 55 | 11 5 | 0 9 |
| M 4 | 5 48 | 28 30 | 5 15 | 0 48 | 2 6 | 9 55 | 0 50 | 24 57 | 1 40 | 21 6 | 0 32 | 22 36 | 0 35 | 18 17 | 0 36 | 15 7 | 0 8 | 19 8 | 3 41 | 1 59 | 2 16 | 27 54 | 11 6 | 0 9 |
| T 5 | 6 11 | 28 13 | 5 6 | 0 1 | 2 3 | 10 24 | 0 48 | 24 58 | 1 39 | 21 8 | 0 32 | 22 36 | 0 35 | 18 16 | 0 36 | 15 7 | 0 8 | 19 8 | 3 41 | 2 0 | 2 17 | 27 54 | 11 8 | 0 9 |
| W 6 | 6 34 | 26 6 | 4 39 | 0n47 | 1 59 | 10 52 | 0 46 | 24 59 | 1 39 | 21 10 | 0 32 | 22 36 | 0 35 | 18 16 | 0 36 | 15 7 | 0 8 | 19 8 | 3 41 | 2 0 | 2 19 | 27 53 | 11 9 | 0 9 |
| T 7 | 6 56 | 22 21 | 3 55 | 1 35 | 1 54 | 11 19 | 0 44 | 25 0 | 1 39 | 21 12 | 0 31 | 22 36 | 0 34 | 18 15 | 0 36 | 15 8 | 0 8 | 19 8 | 3 41 | 1 59 | 2 20 | 27 52 | 11 10 | 0 9 |
| F 8 | 7 19 | 17 22 | 2 58 | 2 25 | 1 49 | 11 47 | 0 42 | 25 0 | 1 39 | 21 13 | 0 31 | 22 36 | 0 34 | 18 15 | 0 36 | 15 8 | 0 8 | 19 8 | 3 41 | 1 59 | 2 21 | 27 51 | 11 11 | 0 9 |
| S 9 | 7 41 | 11 30 | 1 50 | 3 15 | 1 43 | 12 14 | 0 40 | 25 1 | 1 39 | 21 15 | 0 31 | 22 36 | 0 34 | 18 14 | 0 36 | 15 8 | 0 8 | 19 8 | 3 41 | 1 58 | 2 22 | 27 50 | 11 13 | 0 9 |
| S 10 | 8 3 | 5 10 | 0 37 | 4 6 | 1 37 | 12 41 | 0 37 | 25 1 | 1 39 | 21 17 | 0 31 | 22 36 | 0 34 | 18 14 | 0 36 | 15 8 | 0 8 | 19 8 | 3 40 | 1 58 | 2 24 | 27 50 | 11 14 | 0 9 |
| M11 | 8 26 | 1s20 | 0s38 | 4 58 | 1 30 | 13 7 | 0 35 | 25 1 | 1 38 | 21 19 | 0 31 | 22 36 | 0 34 | 18 13 | 0 36 | 15 8 | 0 8 | 19 8 | 3 40 | 1 58 | 2 25 | 27 49 | 11 15 | 0 9 |
| T 12 | 8 48 | 7 40 | 1 49 | 5 50 | 1 23 | 13 34 | 0 33 | 25 1 | 1 38 | 21 21 | 0 31 | 22 36 | 0 34 | 18 13 | 0 36 | 15 9 | 0 8 | 19 9 | 3 40 | 1 59 | 2 26 | 27 48 | 11 16 | 0 9 |
| W13 | 9 9 | 13 34 | 2 52 | 6 42 | 1 15 | 14 0 | 0 31 | 25 1 | 1 38 | 21 23 | 0 31 | 22 36 | 0 33 | 18 13 | 0 36 | 15 9 | 0 8 | 19 9 | 3 40 | 2 0 | 2 27 | 27 47 | 11 18 | 0 9 |
| T 14 | 9 31 | 18 46 | 3 46 | 7 35 | 1 7 | 14 25 | 0 28 | 25 1 | 1 38 | 21 25 | 0 30 | 22 36 | 0 33 | 18 12 | 0 36 | 15 9 | 0 8 | 19 9 | 3 40 | 2 1 | 2 29 | 27 46 | 11 19 | 0 8 |
| F 15 | 9 53 | 23 2 | 4 28 | 8 29 | 0 58 | 14 50 | 0 26 | 25 0 | 1 38 | 21 27 | 0 30 | 22 36 | 0 33 | 18 12 | 0 36 | 15 9 | 0 8 | 19 9 | 3 40 | 2 3 | 2 30 | 27 45 | 11 20 | 0 8 |
| S 16 | 10 14 | 26 10 | 4 56 | 9 22 | 0 49 | 15 15 | 0 23 | 25 0 | 1 37 | 21 28 | 0 30 | 22 36 | 0 33 | 18 12 | 0 36 | 15 9 | 0 8 | 19 9 | 3 40 | 2 5 | 2 31 | 27 44 | 11 21 | 0 8 |
| S 17 | 10 35 | 28 2 | 5 10 | 10 16 | 0 40 | 15 40 | 0 21 | 24 59 | 1 37 | 21 30 | 0 30 | 22 36 | 0 33 | 18 11 | 0 36 | 15 9 | 0 8 | 19 9 | 3 39 | 2 8 | 2 32 | 27 44 | 11 23 | 0 8 |
| M18 | 10 56 | 28 33 | 5 10 | 11 9 | 0 30 | 16 4 | 0 19 | 24 58 | 1 37 | 21 32 | 0 30 | 22 36 | 0 33 | 18 11 | 0 36 | 15 10 | 0 8 | 19 9 | 3 39 | 2 9 | 2 34 | 27 43 | 11 24 | 0 8 |
| T 19 | 11 17 | 27 44 | 4 56 | 12 2 | 0 20 | 16 27 | 0 16 | 24 57 | 1 37 | 21 34 | 0 30 | 22 35 | 0 33 | 18 11 | 0 36 | 15 10 | 0 8 | 19 9 | 3 39 | 2 10 | 2 35 | 27 42 | 11 25 | 0 8 |
| W20 | 11 37 | 25 39 | 4 31 | 12 55 | 0 9 | 16 51 | 0 14 | 24 56 | 1 36 | 21 36 | 0 29 | 22 35 | 0 32 | 18 10 | 0 36 | 15 10 | 0 9 | 19 9 | 3 39 | 2 11 | 2 36 | 27 41 | 11 27 | 0 8 |
| T 21 | 11 58 | 22 27 | 3 53 | 13 47 | 0n 1 | 17 13 | 0 11 | 24 54 | 1 36 | 21 38 | 0 29 | 22 35 | 0 32 | 18 10 | 0 36 | 15 10 | 0 9 | 19 9 | 3 39 | 2 11 | 2 37 | 27 40 | 11 28 | 0 8 |
| F 22 | 12 18 | 18 16 | 3 5 | 14 38 | 0 12 | 17 36 | 0 9 | 24 53 | 1 36 | 21 39 | 0 29 | 22 35 | 0 32 | 18 10 | 0 36 | 15 10 | 0 9 | 19 9 | 3 39 | 2 11 | 2 39 | 27 39 | 11 29 | 0 8 |
| S 23 | 12 38 | 13 17 | 2 7 | 15 28 | 0 23 | 17 58 | 0 6 | 24 51 | 1 36 | 21 41 | 0 29 | 22 35 | 0 32 | 18 9 | 0 36 | 15 10 | 0 9 | 19 10 | 3 39 | 2 10 | 2 40 | 27 38 | 11 30 | 0 8 |
| S 24 | 12 58 | 7 39 | 1 3 | 16 16 | 0 34 | 18 19 | 0 3 | 24 49 | 1 36 | 21 43 | 0 29 | 22 35 | 0 32 | 18 9 | 0 36 | 15 10 | 0 9 | 19 10 | 3 39 | 2 10 | 2 41 | 27 37 | 11 32 | 0 8 |
| M25 | 13 18 | 1 34 | 0n 7 | 17 4 | 0 45 | 18 40 | 0 1 | 24 47 | 1 35 | 21 45 | 0 29 | 22 35 | 0 32 | 18 9 | 0 36 | 15 10 | 0 9 | 19 10 | 3 38 | 2 9 | 2 42 | 27 36 | 11 33 | 0 8 |
| T 26 | 13 37 | 4n46 | 1 18 | 17 49 | 0 56 | 19 1 | 0n 2 | 24 45 | 1 35 | 21 46 | 0 29 | 22 34 | 0 32 | 18 9 | 0 36 | 15 10 | 0 9 | 19 10 | 3 38 | 2 10 | 2 44 | 27 35 | 11 34 | 0 8 |
| W27 | 13 56 | 11 3 | 2 26 | 18 33 | 1 6 | 19 21 | 0 4 | 24 43 | 1 35 | 21 48 | 0 28 | 22 34 | 0 31 | 18 9 | 0 36 | 15 10 | 0 9 | 19 10 | 3 38 | 2 11 | 2 45 | 27 34 | 11 35 | 0 8 |
| T 28 | 14 15 | 16 58 | 3 28 | 19 15 | 1 16 | 19 40 | 0 7 | 24 40 | 1 35 | 21 50 | 0 28 | 22 34 | 0 31 | 18 8 | 0 36 | 15 10 | 0 9 | 19 10 | 3 38 | 2 13 | 2 46 | 27 33 | 11 37 | 0 7 |
| F 29 | 14 34 | 22 5 | 4 17 | 19 54 | 1 26 | 19 59 | 0 10 | 24 37 | 1 34 | 21 52 | 0 28 | 22 34 | 0 31 | 18 8 | 0 37 | 15 10 | 0 9 | 19 10 | 3 38 | 2 15 | 2 47 | 27 32 | 11 38 | 0 7 |
| S 30 | 14n52 | 25n57 | 4n51 | 20n32 | 1n36 | 20n18 | 0n12 | 24n35 | 1n34 | 21n53 | 0s28 | 22n34 | 0s31 | 18s 8 | 0s37 | 15n10 | 0n 9 | 19n10 | 3s38 | 2s18 | 2s49 | 27s31 | 11n39 | 0n 7 |

Julian Day Number = 2603576.5, Delta T = 09m25s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'35, Lahiri = 29°40'37


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## MAY 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 37 57 | 11♉15'30 | 20♊ 6 | 26♉51 | 1♊10 | 10♋35 | 13♊35 | 9♋13 | 10♒35 | 19♑12 | 12♋45 | 24°R 4 | 22♓51 | 13♑26 | 0♉19 | S 1 |
| M 2 | 14 41 53 | 12°13'58 | 4♋43 | 28°38 | 2°24 | 11°11 | 13°48 | 9°18 | 10°36 | 19°12 | 12°46 | 23♓58 | 22°48 | 13°33 | 0°23 | M 2 |
| T 3 | 14 45 50 | 13°12'23 | 19°12 | 0♊22 | 3°37 | 11°47 | 14° 1 | 9°24 | 10°37 | 19°12 | 12°47 | 23°54 | 22°45 | 13°40 | 0°26 | T 3 |
| W 4 | 14 49 47 | 14°10'47 | 3♑30 | 2° 2 | 4°51 | 12°23 | 14°14 | 9°29 | 10°37 | 19°12 | 12°48 | 23°52 | 22°42 | 13°46 | 0°30 | W 4 |
| T 5 | 14 53 43 | 15° 9'08 | 17°35 | 3°39 | 6° 4 | 12°58 | 14°27 | 9°35 | 10°38 | 19°12 | 12°48 | 23°D51 | 22°38 | 13°53 | 0°34 | T 5 |
| F 6 | 14 57 40 | 16° 7'28 | 1♍25 | 5°11 | 7°18 | 13°34 | 14°40 | 9°41 | 10°38 | 19°12 | 12°49 | 23°52 | 22°35 | 14° 0 | 0°37 | F 6 |
| S 7 | 15 1 36 | 17° 5'45 | 15° 1 | 6°40 | 8°31 | 14°10 | 14°53 | 9°46 | 10°39 | 19°13 | 12°50 | 23°53 | 22°32 | 14° 7 | 0°41 | S 7 |
| S 8 | 15 5 33 | 18° 4'00 | 28°23 | 8° 4 | 9°44 | 14°46 | 15° 6 | 9°52 | 10°39 | 19°13 | 12°51 | 23°R53 | 22°29 | 14°13 | 0°45 | S 8 |
| M 9 | 15 9 29 | 19° 2'13 | 11♎33 | 9°24 | 10°58 | 15°22 | 15°19 | 9°58 | 10°39 | 19°13 | 12°52 | 23°52 | 22°26 | 14°20 | 0°48 | M 9 |
| T 10 | 15 13 26 | 20° 0'25 | 24°31 | 10°40 | 12°11 | 15°58 | 15°33 | 10° 4 | 10°40 | 19°14 | 12°53 | 23°48 | 22°22 | 14°27 | 0°52 | T 10 |
| W11 | 15 17 22 | 20°58'34 | 7♏18 | 11°51 | 13°24 | 16°33 | 15°46 | 10°10 | 10°40 | 19°14 | 12°54 | 23°41 | 22°19 | 14°33 | 0°56 | W11 |
| T 12 | 15 21 19 | 21°56'42 | 19°54 | 12°58 | 14°37 | 17° 9 | 15°59 | 10°16 | 10°40 | 19°14 | 12°55 | 23°33 | 22°16 | 14°40 | 0°59 | T 12 |
| F 13 | 15 25 16 | 22°54'48 | 2♐19 | 14° 0 | 15°51 | 17°45 | 16°13 | 10°22 | 10°40 | 19°15 | 12°56 | 23°22 | 22°13 | 14°47 | 1° 3 | F 13 |
| S 14 | 15 29 12 | 23°52'53 | 14°35 | 14°57 | 17° 4 | 18°21 | 16°26 | 10°28 | 10°40 | 19°15 | 12°57 | 23°11 | 22°10 | 14°53 | 1° 6 | S 14 |
| S 15 | 15 33 9 | 24°50'56 | 26°40 | 15°50 | 18°17 | 18°57 | 16°40 | 10°34 | 10°R40 | 19°16 | 12°58 | 23° 0 | 22° 7 | 15° 0 | 1°10 | S 15 |
| M16 | 15 37 5 | 25°48'58 | 8♑38 | 16°38 | 19°30 | 19°33 | 16°53 | 10°41 | 10°40 | 19°16 | 12°59 | 22°51 | 22° 3 | 15° 7 | 1°13 | M16 |
| T 17 | 15 41 2 | 26°46'58 | 20°31 | 17°22 | 20°43 | 20° 9 | 17° 7 | 10°47 | 10°40 | 19°17 | 13° 0 | 22°43 | 22° 0 | 15°14 | 1°17 | T 17 |
| W18 | 15 44 58 | 27°44'57 | 2♒22 | 18° 0 | 21°56 | 20°45 | 17°20 | 10°53 | 10°40 | 19°17 | 13° 1 | 22°37 | 21°57 | 15°20 | 1°20 | W18 |
| T 19 | 15 48 55 | 28°42'54 | 14°15 | 18°34 | 23° 9 | 21°21 | 17°34 | 11° 0 | 10°40 | 19°18 | 13° 2 | 22°34 | 21°54 | 15°27 | 1°24 | T 19 |
| F 20 | 15 52 51 | 29°40'51 | 26°15 | 19° 2 | 24°22 | 21°57 | 17°47 | 11° 6 | 10°39 | 19°19 | 13° 4 | 22°D33 | 21°51 | 15°34 | 1°27 | F 20 |
| S 21 | 15 56 48 | 0♊38'45 | 8♓26 | 19°26 | 25°34 | 22°34 | 18° 1 | 11°13 | 10°39 | 19°19 | 13° 5 | 22°33 | 21°48 | 15°40 | 1°31 | S 21 |
| S 22 | 16 0 45 | 1°36'39 | 20°55 | 19°44 | 26°47 | 23°10 | 18°15 | 11°19 | 10°39 | 19°20 | 13° 6 | 22°R33 | 21°44 | 15°47 | 1°34 | S 22 |
| M23 | 16 4 41 | 2°34'32 | 3♈46 | 19°58 | 28° 0 | 23°46 | 18°28 | 11°26 | 10°38 | 19°21 | 13° 7 | 22°33 | 21°41 | 15°54 | 1°37 | M23 |
| T 24 | 16 8 38 | 3°32'23 | 17° 2 | 20° 6 | 29°13 | 24°22 | 18°42 | 11°33 | 10°38 | 19°22 | 13° 8 | 22°31 | 21°38 | 16° 1 | 1°41 | T 24 |
| W25 | 16 12 34 | 4°30'13 | 0♉46 | 20°R10 | 0♋26 | 24°58 | 18°56 | 11°39 | 10°37 | 19°22 | 13° 9 | 22°26 | 21°35 | 16° 7 | 1°44 | W25 |
| T 26 | 16 16 31 | 5°28'02 | 14°58 | 20° 9 | 1°38 | 25°34 | 19° 9 | 11°46 | 10°37 | 19°23 | 13°11 | 22°19 | 21°32 | 16°14 | 1°47 | T 26 |
| F 27 | 16 20 27 | 6°25'50 | 29°34 | 20° 4 | 2°51 | 26°11 | 19°23 | 11°53 | 10°36 | 19°24 | 13°12 | 22° 9 | 21°28 | 16°21 | 1°51 | F 27 |
| S 28 | 16 24 24 | 7°23'37 | 14♊27 | 19°54 | 4° 4 | 26°47 | 19°37 | 12° 0 | 10°36 | 19°25 | 13°13 | 21°59 | 21°25 | 16°27 | 1°54 | S 28 |
| S 29 | 16 28 20 | 8°21'22 | 29°28 | 19°39 | 5°16 | 27°23 | 19°51 | 12° 7 | 10°35 | 19°26 | 13°14 | 21°48 | 21°22 | 16°34 | 1°57 | S 29 |
| M30 | 16 32 17 | 9°19'06 | 14♋28 | 19°21 | 6°29 | 27°59 | 20° 5 | 12°14 | 10°34 | 19°27 | 13°16 | 21°39 | 21°19 | 16°41 | 2° 0 | M30 |
| T 31 | 16 36 14 | 10♊16'48 | 29♋18 | 18♊59 | 7♋41 | 28♋36 | 20♊19 | 12♋21 | 10♒34 | 19♑28 | 13♋17 | 21♓32 | 21♓16 | 16♑48 | 2♉ 3 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n11 | 28n 7 | 5n 7 | 21n 6 | 1n45 | 20n36 | 0n15 | 24n32 | 1n34 | 21n55 | 0s28 | 22n33 | 0s31 | 18s 8 | 0s37 | 15n10 | 0n 9 | 19n10 | 3s38 | 2s21 | 2s50 | 27s30 | 11n40 | 0n 7 |
| M 2 | 15 28 | 28 20 | 5 2 | 21 39 | 1 53 | 20 53 | 0 17 | 24 28 | 1 34 | 21 57 | 0 28 | 22 33 | 0 31 | 18 8 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 23 | 2 51 | 27 29 | 11 41 | 0 7 |
| T 3 | 15 46 | 26 36 | 4 38 | 22 9 | 2 1 | 21 10 | 0 20 | 24 25 | 1 33 | 21 58 | 0 28 | 22 33 | 0 31 | 18 8 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 25 | 2 52 | 27 28 | 11 43 | 0 7 |
| W 4 | 16 4 | 23 10 | 3 57 | 22 37 | 2 8 | 21 26 | 0 23 | 24 21 | 1 33 | 22 0 | 0 28 | 22 33 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 26 | 2 54 | 27 27 | 11 44 | 0 7 |
| T 5 | 16 21 | 18 25 | 3 2 | 23 2 | 2 14 | 21 41 | 0 25 | 24 18 | 1 33 | 22 2 | 0 27 | 22 32 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 26 | 2 55 | 27 26 | 11 45 | 0 7 |
| F 6 | 16 38 | 12 47 | 1 58 | 23 24 | 2 20 | 21 56 | 0 28 | 24 14 | 1 33 | 22 3 | 0 27 | 22 32 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 26 | 2 56 | 27 25 | 11 46 | 0 7 |
| S 7 | 16 54 | 6 37 | 0 48 | 23 45 | 2 24 | 22 11 | 0 30 | 24 10 | 1 32 | 22 5 | 0 27 | 22 32 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 25 | 2 57 | 27 24 | 11 48 | 0 7 |
| S 8 | 17 11 | 0 16 | 0s24 | 24 2 | 2 28 | 22 25 | 0 33 | 24 6 | 1 32 | 22 7 | 0 27 | 22 31 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 25 | 2 59 | 27 23 | 11 49 | 0 7 |
| M 9 | 17 27 | 5s59 | 1 33 | 24 18 | 2 31 | 22 38 | 0 36 | 24 1 | 1 32 | 22 8 | 0 27 | 22 31 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 37 | 2 26 | 3 0 | 27 22 | 11 50 | 0 7 |
| T 10 | 17 42 | 11 54 | 2 36 | 24 31 | 2 33 | 22 50 | 0 38 | 23 57 | 1 31 | 22 10 | 0 27 | 22 31 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 36 | 2 28 | 3 1 | 27 21 | 11 51 | 0 7 |
| W11 | 17 58 | 17 14 | 3 30 | 24 42 | 2 34 | 23 2 | 0 41 | 23 52 | 1 31 | 22 11 | 0 27 | 22 30 | 0 30 | 18 7 | 0 37 | 15 10 | 0 9 | 19 10 | 3 36 | 2 30 | 3 2 | 27 20 | 11 52 | 0 6 |
| T 12 | 18 13 | 21 44 | 4 13 | 24 51 | 2 34 | 23 13 | 0 43 | 23 48 | 1 31 | 22 13 | 0 27 | 22 30 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 10 | 3 36 | 2 33 | 3 4 | 27 19 | 11 54 | 0 6 |
| F 13 | 18 28 | 25 12 | 4 43 | 24 57 | 2 33 | 23 24 | 0 46 | 23 43 | 1 31 | 22 14 | 0 26 | 22 30 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 10 | 3 36 | 2 37 | 3 5 | 27 18 | 11 55 | 0 6 |
| S 14 | 18 42 | 27 28 | 5 0 | 25 2 | 2 31 | 23 34 | 0 48 | 23 38 | 1 30 | 22 16 | 0 26 | 22 29 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 11 | 3 36 | 2 42 | 3 6 | 27 17 | 11 56 | 0 6 |
| S 15 | 18 56 | 28 23 | 5 3 | 25 5 | 2 28 | 23 43 | 0 51 | 23 32 | 1 30 | 22 17 | 0 26 | 22 29 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 11 | 3 36 | 2 46 | 3 7 | 27 15 | 11 57 | 0 6 |
| M16 | 19 10 | 27 58 | 4 52 | 25 6 | 2 24 | 23 51 | 0 53 | 23 27 | 1 30 | 22 19 | 0 26 | 22 29 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 11 | 3 36 | 2 50 | 3 9 | 27 14 | 11 58 | 0 6 |
| T 17 | 19 24 | 26 15 | 4 29 | 25 5 | 2 18 | 23 59 | 0 56 | 23 21 | 1 30 | 22 20 | 0 26 | 22 28 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 11 | 3 36 | 2 53 | 3 10 | 27 13 | 11 59 | 0 6 |
| W18 | 19 37 | 23 23 | 3 54 | 25 2 | 2 12 | 24 6 | 0 58 | 23 16 | 1 29 | 22 21 | 0 26 | 22 28 | 0 29 | 18 7 | 0 37 | 15 9 | 0 9 | 19 11 | 3 36 | 2 55 | 3 11 | 27 12 | 12 0 | 0 6 |
| T 19 | 19 50 | 19 32 | 3 9 | 24 58 | 2 5 | 24 13 | 1 0 | 23 10 | 1 29 | 22 23 | 0 26 | 22 28 | 0 29 | 18 7 | 0 37 | 15 8 | 0 9 | 19 11 | 3 35 | 2 57 | 3 12 | 27 11 | 12 2 | 0 6 |
| F 20 | 20 2 | 14 52 | 2 15 | 24 52 | 1 57 | 24 19 | 1 3 | 23 4 | 1 29 | 22 24 | 0 26 | 22 27 | 0 28 | 18 7 | 0 37 | 15 8 | 0 9 | 19 11 | 3 35 | 2 57 | 3 14 | 27 10 | 12 3 | 0 6 |
| S 21 | 20 15 | 9 32 | 1 14 | 24 45 | 1 47 | 24 24 | 1 5 | 22 57 | 1 28 | 22 25 | 0 26 | 22 27 | 0 28 | 18 8 | 0 37 | 15 8 | 0 9 | 19 11 | 3 35 | 2 57 | 3 15 | 27 9 | 12 4 | 0 6 |
| S 22 | 20 26 | 3 44 | 0 9 | 24 36 | 1 37 | 24 28 | 1 7 | 22 51 | 1 28 | 22 27 | 0 25 | 22 26 | 0 28 | 18 8 | 0 37 | 15 8 | 0 9 | 19 11 | 3 35 | 2 57 | 3 16 | 27 7 | 12 5 | 0 6 |
| M23 | 20 38 | 2n24 | 0n59 | 24 26 | 1 25 | 24 32 | 1 10 | 22 45 | 1 28 | 22 28 | 0 25 | 22 26 | 0 28 | 18 8 | 0 37 | 15 7 | 0 9 | 19 11 | 3 35 | 2 57 | 3 17 | 27 6 | 12 6 | 0 6 |
| T 24 | 20 49 | 8 37 | 2 6 | 24 14 | 1 13 | 24 35 | 1 12 | 22 38 | 1 28 | 22 29 | 0 25 | 22 25 | 0 28 | 18 8 | 0 37 | 15 7 | 0 9 | 19 11 | 3 35 | 2 58 | 3 19 | 27 5 | 12 7 | 0 6 |
| W25 | 21 0 | 14 39 | 3 8 | 24 1 | 1 0 | 24 37 | 1 14 | 22 31 | 1 27 | 22 31 | 0 25 | 22 25 | 0 28 | 18 8 | 0 37 | 15 7 | 0 9 | 19 11 | 3 35 | 3 0 | 3 20 | 27 4 | 12 8 | 0 5 |
| T 26 | 21 10 | 20 7 | 4 0 | 23 47 | 0 45 | 24 39 | 1 16 | 22 24 | 1 27 | 22 32 | 0 25 | 22 24 | 0 28 | 18 8 | 0 38 | 15 7 | 0 9 | 19 11 | 3 35 | 3 3 | 3 21 | 27 3 | 12 9 | 0 5 |
| F 27 | 21 20 | 24 32 | 4 38 | 23 31 | 0 30 | 24 39 | 1 18 | 22 17 | 1 27 | 22 33 | 0 25 | 22 24 | 0 28 | 18 9 | 0 38 | 15 6 | 0 9 | 19 11 | 3 35 | 3 6 | 3 22 | 27 1 | 12 10 | 0 5 |
| S 28 | 21 30 | 27 25 | 4 58 | 23 15 | 0 15 | 24 40 | 1 20 | 22 10 | 1 26 | 22 34 | 0 25 | 22 23 | 0 28 | 18 9 | 0 38 | 15 6 | 0 9 | 19 11 | 3 34 | 3 10 | 3 24 | 27 0 | 12 11 | 0 5 |
| S 29 | 21 39 | 28 22 | 4 58 | 22 58 | 0s 2 | 24 39 | 1 22 | 22 3 | 1 26 | 22 35 | 0 25 | 22 23 | 0 27 | 18 9 | 0 38 | 15 6 | 0 9 | 19 11 | 3 34 | 3 15 | 3 25 | 26 59 | 12 12 | 0 5 |
| M30 | 21 48 | 27 12 | 4 38 | 22 39 | 0 18 | 24 38 | 1 24 | 21 55 | 1 26 | 22 37 | 0 25 | 22 22 | 0 27 | 18 9 | 0 38 | 15 6 | 0 9 | 19 10 | 3 34 | 3 18 | 3 26 | 26 58 | 12 13 | 0 5 |
| T 31 | 21n57 | 24n 9 | 3n59 | 22n20 | 0s36 | 24n36 | 1n26 | 21n47 | 1n25 | 22n38 | 0s24 | 22n22 | 0s27 | 18s 9 | 0s38 | 15n 5 | 0n 9 | 19n10 | 3s34 | 3s21 | 3s27 | 26s57 | 12n14 | 0n 5 |

Julian Day Number = 2603606.5, Delta T = 09m26s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'39, Lahiri = 29°40'41


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## JUNE 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 40 10 | 11♊14'29 | 13♌51 | 18°R34 | 8♋54 | 29♋12 | 20♊32 | 12♋28 | 10°R33 | 19♌29 | 13♋18 | 21°R27 | 21♓13 | 16♉54 | 2♉ 7 | W 1 |
| T 2 | 16 44 7 | 12°12'08 | 28° 3 | 18♊ 7 | 10° 6 | 29°49 | 20°46 | 12°35 | 10♒32 | 19°30 | 13°19 | 21♓25 | 21° 9 | 17° 1 | 2°10 | T 2 |
| F 3 | 16 48 3 | 13° 9'46 | 11♍54 | 17°36 | 11°18 | 0♌25 | 21° 0 | 12°42 | 10°31 | 19°31 | 13°21 | 21°D25 | 21° 6 | 17° 8 | 2°13 | F 3 |
| S 4 | 16 52 0 | 14° 7'22 | 25°23 | 17° 5 | 12°31 | 1° 1 | 21°14 | 12°49 | 10°30 | 19°32 | 13°22 | 21°R25 | 21° 3 | 17°14 | 2°16 | S 4 |
| S 5 | 16 55 56 | 15° 4'57 | 8♎34 | 16°32 | 13°43 | 1°38 | 21°28 | 12°57 | 10°29 | 19°33 | 13°23 | 21°24 | 21° 0 | 17°21 | 2°19 | S 5 |
| M 6 | 16 59 53 | 16° 2'30 | 21°29 | 15°58 | 14°55 | 2°14 | 21°42 | 13° 4 | 10°28 | 19°35 | 13°25 | 21°21 | 20°57 | 17°28 | 2°22 | M 6 |
| T 7 | 17 3 49 | 17° 0'02 | 4♏10 | 15°24 | 16° 8 | 2°50 | 21°56 | 13°11 | 10°27 | 19°36 | 13°26 | 21°16 | 20°54 | 17°35 | 2°25 | T 7 |
| W 8 | 17 7 46 | 17°57'33 | 16°40 | 14°51 | 17°20 | 3°27 | 22°10 | 13°18 | 10°26 | 19°37 | 13°27 | 21° 8 | 20°50 | 17°41 | 2°28 | W 8 |
| T 9 | 17 11 43 | 18°55'03 | 29° 1 | 14°19 | 18°32 | 4° 3 | 22°24 | 13°26 | 10°25 | 19°38 | 13°29 | 20°58 | 20°47 | 17°48 | 2°30 | T 9 |
| F 10 | 17 15 39 | 19°52'32 | 11♐13 | 13°49 | 19°44 | 4°40 | 22°38 | 13°33 | 10°23 | 19°40 | 13°30 | 20°45 | 20°44 | 17°55 | 2°33 | F 10 |
| S 11 | 17 19 36 | 20°49'59 | 23°18 | 13°21 | 20°56 | 5°16 | 22°51 | 13°40 | 10°22 | 19°41 | 13°32 | 20°31 | 20°41 | 18° 1 | 2°36 | S 11 |
| S 12 | 17 23 32 | 21°47'26 | 5♑17 | 12°55 | 22° 8 | 5°53 | 23° 5 | 13°48 | 10°21 | 19°42 | 13°33 | 20°18 | 20°38 | 18° 8 | 2°39 | S 12 |
| M13 | 17 27 29 | 22°44'52 | 17°11 | 12°32 | 23°20 | 6°29 | 23°19 | 13°55 | 10°20 | 19°44 | 13°34 | 20° 5 | 20°34 | 18°15 | 2°41 | M13 |
| T 14 | 17 31 25 | 23°42'17 | 29° 2 | 12°13 | 24°32 | 7° 6 | 23°33 | 14° 3 | 10°18 | 19°45 | 13°36 | 19°55 | 20°31 | 18°22 | 2°44 | T 14 |
| W15 | 17 35 22 | 24°39'42 | 10♒52 | 11°58 | 25°43 | 7°42 | 23°47 | 14°10 | 10°17 | 19°46 | 13°37 | 19°48 | 20°28 | 18°28 | 2°47 | W15 |
| T 16 | 17 39 19 | 25°37'06 | 22°45 | 11°46 | 26°55 | 8°19 | 24° 1 | 14°18 | 10°15 | 19°48 | 13°39 | 19°43 | 20°25 | 18°35 | 2°49 | T 16 |
| F 17 | 17 43 15 | 26°34'29 | 4♓44 | 11°39 | 28° 7 | 8°56 | 24°15 | 14°25 | 10°14 | 19°49 | 13°40 | 19°41 | 20°22 | 18°42 | 2°52 | F 17 |
| S 18 | 17 47 12 | 27°31'51 | 16°55 | 11°D36 | 29°18 | 9°32 | 24°29 | 14°33 | 10°12 | 19°51 | 13°41 | 19°D40 | 20°19 | 18°48 | 2°55 | S 18 |
| S 19 | 17 51 8 | 28°29'13 | 29°21 | 11°38 | 0♌30 | 10° 9 | 24°43 | 14°41 | 10°11 | 19°52 | 13°43 | 19°R40 | 20°15 | 18°55 | 2°57 | S 19 |
| M20 | 17 55 5 | 29°26'35 | 12♈ 8 | 11°44 | 1°42 | 10°45 | 24°57 | 14°48 | 10° 9 | 19°54 | 13°44 | 19°39 | 20°12 | 19° 2 | 2°59 | M20 |
| T 21 | 17 59 1 | 0♋23'56 | 25°22 | 11°54 | 2°53 | 11°22 | 25°11 | 14°56 | 10° 7 | 19°55 | 13°46 | 19°37 | 20° 9 | 19° 8 | 3° 2 | T 21 |
| W22 | 18 2 58 | 1°21'17 | 9♉ 3 | 12°10 | 4° 5 | 11°59 | 25°24 | 15° 4 | 10° 6 | 19°57 | 13°47 | 19°33 | 20° 6 | 19°15 | 3° 4 | W22 |
| T 23 | 18 6 54 | 2°18'38 | 23°15 | 12°29 | 5°16 | 12°36 | 25°38 | 15°11 | 10° 4 | 19°59 | 13°49 | 19°27 | 20° 3 | 19°22 | 3° 7 | T 23 |
| F 24 | 18 10 51 | 3°15'58 | 7♊54 | 12°54 | 6°27 | 13°12 | 25°52 | 15°19 | 10° 2 | 20° 0 | 13°50 | 19°18 | 20° 0 | 19°29 | 3° 9 | F 24 |
| S 25 | 18 14 48 | 4°13'18 | 22°55 | 13°23 | 7°39 | 13°49 | 26° 6 | 15°27 | 10° 1 | 20° 2 | 13°52 | 19° 8 | 19°56 | 19°35 | 3°11 | S 25 |
| S 26 | 18 18 44 | 5°10'38 | 8♋ 8 | 13°56 | 8°50 | 14°26 | 26°20 | 15°34 | 9°59 | 20° 4 | 13°53 | 18°57 | 19°53 | 19°42 | 3°13 | S 26 |
| M27 | 18 22 41 | 6° 7'57 | 23°23 | 14°33 | 10° 1 | 15° 3 | 26°34 | 15°42 | 9°57 | 20° 5 | 13°55 | 18°48 | 19°50 | 19°49 | 3°15 | M27 |
| T 28 | 18 26 37 | 7° 5'15 | 8♌29 | 15°15 | 11°12 | 15°39 | 26°48 | 15°50 | 9°55 | 20° 7 | 13°56 | 18°41 | 19°47 | 19°55 | 3°17 | T 28 |
| W29 | 18 30 34 | 8° 2'33 | 23°18 | 16° 1 | 12°23 | 16°16 | 27° 1 | 15°58 | 9°53 | 20° 9 | 13°58 | 18°36 | 19°44 | 20° 2 | 3°20 | W29 |
| T 30 | 18 34 30 | 8♋59'50 | 7♍42 | 16♊52 | 13♌34 | 16♌53 | 27♊15 | 16♋ 5 | 9♒51 | 20♌11 | 13♋59 | 18♓34 | 19♓40 | 20♉ 9 | 3♉22 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 5 | 19n35 | 3n 5 | 22n 1 | 0s53 | 24n33 | 1n28 | 21n40 | 1n25 | 22n39 | 0s24 | 22n21 | 0s27 | 18s10 | 0s38 | 15n 5 | 0n 9 | 19n10 | 3s34 | 3s23 | 3s29 | 26s55 | 12n15 | 0n 5 |
| T 2 | 22 12 | 14 0 | 2 0 | 21 41 | 1 11 | 24 29 | 1 29 | 21 32 | 1 25 | 22 40 | 0 24 | 22 21 | 0 27 | 18 10 | 0 38 | 15 5 | 0 9 | 19 10 | 3 34 | 3 24 | 3 30 | 26 54 | 12 16 | 0 5 |
| F 3 | 22 20 | 7 52 | 0 50 | 21 21 | 1 28 | 24 25 | 1 31 | 21 24 | 1 24 | 22 41 | 0 24 | 22 20 | 0 27 | 18 10 | 0 38 | 15 4 | 0 9 | 19 10 | 3 34 | 3 24 | 3 31 | 26 53 | 12 17 | 0 5 |
| S 4 | 22 27 | 1 31 | 0s21 | 21 0 | 1 46 | 24 20 | 1 33 | 21 15 | 1 24 | 22 42 | 0 24 | 22 20 | 0 27 | 18 11 | 0 38 | 15 4 | 0 9 | 19 10 | 3 34 | 3 24 | 3 32 | 26 52 | 12 18 | 0 5 |
| S 5 | 22 33 | 4s46 | 1 29 | 20 40 | 2 3 | 24 15 | 1 34 | 21 7 | 1 24 | 22 43 | 0 24 | 22 19 | 0 27 | 18 11 | 0 38 | 15 4 | 0 9 | 19 10 | 3 34 | 3 24 | 3 34 | 26 50 | 12 19 | 0 5 |
| M 6 | 22 39 | 10 42 | 2 32 | 20 20 | 2 19 | 24 8 | 1 36 | 20 59 | 1 24 | 22 44 | 0 24 | 22 18 | 0 27 | 18 11 | 0 38 | 15 3 | 0 9 | 19 10 | 3 34 | 3 25 | 3 35 | 26 49 | 12 20 | 0 5 |
| T 7 | 22 45 | 16 6 | 3 25 | 20 1 | 2 35 | 24 2 | 1 37 | 20 50 | 1 23 | 22 45 | 0 24 | 22 18 | 0 26 | 18 11 | 0 38 | 15 3 | 0 9 | 19 10 | 3 33 | 3 27 | 3 36 | 26 48 | 12 21 | 0 4 |
| W 8 | 22 51 | 20 44 | 4 8 | 19 43 | 2 50 | 23 54 | 1 39 | 20 41 | 1 23 | 22 46 | 0 24 | 22 17 | 0 26 | 18 12 | 0 38 | 15 3 | 0 9 | 19 10 | 3 33 | 3 30 | 3 37 | 26 46 | 12 22 | 0 4 |
| T 9 | 22 56 | 24 25 | 4 38 | 19 25 | 3 4 | 23 46 | 1 40 | 20 32 | 1 23 | 22 47 | 0 24 | 22 17 | 0 26 | 18 12 | 0 38 | 15 2 | 0 9 | 19 10 | 3 33 | 3 35 | 3 39 | 26 45 | 12 23 | 0 4 |
| F 10 | 23 0 | 26 57 | 4 55 | 19 9 | 3 17 | 23 37 | 1 41 | 20 23 | 1 22 | 22 48 | 0 23 | 22 16 | 0 26 | 18 12 | 0 38 | 15 2 | 0 9 | 19 10 | 3 33 | 3 40 | 3 40 | 26 44 | 12 24 | 0 4 |
| S 11 | 23 4 | 28 12 | 4 59 | 18 54 | 3 29 | 23 27 | 1 43 | 20 14 | 1 22 | 22 48 | 0 23 | 22 15 | 0 26 | 18 13 | 0 38 | 15 1 | 0 9 | 19 10 | 3 33 | 3 45 | 3 41 | 26 42 | 12 25 | 0 4 |
| S 12 | 23 8 | 28 6 | 4 49 | 18 40 | 3 40 | 23 17 | 1 44 | 20 5 | 1 22 | 22 49 | 0 23 | 22 15 | 0 26 | 18 13 | 0 38 | 15 1 | 0 9 | 19 10 | 3 33 | 3 50 | 3 42 | 26 41 | 12 26 | 0 4 |
| M13 | 23 11 | 26 42 | 4 27 | 18 28 | 3 49 | 23 6 | 1 45 | 19 55 | 1 21 | 22 50 | 0 23 | 22 14 | 0 26 | 18 14 | 0 38 | 15 0 | 0 9 | 19 10 | 3 33 | 3 55 | 3 44 | 26 40 | 12 27 | 0 4 |
| T 14 | 23 14 | 24 7 | 3 53 | 18 17 | 3 57 | 22 54 | 1 46 | 19 46 | 1 21 | 22 51 | 0 23 | 22 13 | 0 26 | 18 14 | 0 38 | 15 0 | 0 9 | 19 10 | 3 33 | 3 59 | 3 45 | 26 38 | 12 27 | 0 4 |
| W15 | 23 17 | 20 30 | 3 10 | 18 9 | 4 4 | 22 42 | 1 47 | 19 36 | 1 21 | 22 52 | 0 23 | 22 13 | 0 26 | 18 14 | 0 38 | 15 0 | 0 9 | 19 10 | 3 33 | 4 2 | 3 46 | 26 37 | 12 28 | 0 4 |
| T 16 | 23 19 | 16 4 | 2 17 | 18 2 | 4 9 | 22 29 | 1 48 | 19 26 | 1 20 | 22 52 | 0 23 | 22 12 | 0 25 | 18 15 | 0 38 | 14 59 | 0 9 | 19 10 | 3 33 | 4 4 | 3 47 | 26 36 | 12 29 | 0 4 |
| F 17 | 23 21 | 10 58 | 1 18 | 17 57 | 4 14 | 22 16 | 1 48 | 19 16 | 1 20 | 22 53 | 0 23 | 22 11 | 0 25 | 18 15 | 0 38 | 14 59 | 0 9 | 19 10 | 3 33 | 4 5 | 3 49 | 26 34 | 12 30 | 0 4 |
| S 18 | 23 22 | 5 23 | 0 15 | 17 53 | 4 17 | 22 2 | 1 49 | 19 6 | 1 20 | 22 54 | 0 23 | 22 11 | 0 25 | 18 16 | 0 38 | 14 58 | 0 9 | 19 10 | 3 33 | 4 5 | 3 50 | 26 33 | 12 31 | 0 4 |
| S 19 | 23 23 | 0n31 | 0n51 | 17 52 | 4 18 | 21 47 | 1 50 | 18 56 | 1 19 | 22 54 | 0 23 | 22 10 | 0 25 | 18 16 | 0 38 | 14 58 | 0 9 | 19 10 | 3 32 | 4 5 | 3 51 | 26 32 | 12 31 | 0 4 |
| M20 | 23 23 | 6 34 | 1 56 | 17 52 | 4 19 | 21 32 | 1 50 | 18 46 | 1 19 | 22 55 | 0 23 | 22 9 | 0 25 | 18 17 | 0 38 | 14 57 | 0 9 | 19 10 | 3 32 | 4 5 | 3 52 | 26 30 | 12 32 | 0 3 |
| T 21 | 23 23 | 12 32 | 2 57 | 17 54 | 4 18 | 21 16 | 1 51 | 18 36 | 1 19 | 22 55 | 0 23 | 22 8 | 0 25 | 18 17 | 0 38 | 14 57 | 0 9 | 19 9 | 3 32 | 4 6 | 3 54 | 26 29 | 12 33 | 0 3 |
| W22 | 23 23 | 18 7 | 3 50 | 17 58 | 4 16 | 21 0 | 1 51 | 18 25 | 1 18 | 22 56 | 0 22 | 22 8 | 0 25 | 18 18 | 0 38 | 14 56 | 0 9 | 19 9 | 3 32 | 4 8 | 3 55 | 26 28 | 12 34 | 0 3 |
| T 23 | 23 22 | 22 55 | 4 31 | 18 3 | 4 14 | 20 43 | 1 51 | 18 14 | 1 18 | 22 57 | 0 22 | 22 7 | 0 25 | 18 18 | 0 38 | 14 56 | 0 9 | 19 9 | 3 32 | 4 10 | 3 56 | 26 26 | 12 34 | 0 3 |
| F 24 | 23 21 | 26 26 | 4 55 | 18 10 | 4 10 | 20 25 | 1 52 | 18 4 | 1 18 | 22 57 | 0 22 | 22 6 | 0 25 | 18 19 | 0 38 | 14 55 | 0 9 | 19 9 | 3 32 | 4 14 | 3 57 | 26 25 | 12 35 | 0 3 |
| S 25 | 23 19 | 28 12 | 5 1 | 18 18 | 4 5 | 20 7 | 1 52 | 17 53 | 1 17 | 22 58 | 0 22 | 22 5 | 0 25 | 18 19 | 0 38 | 14 55 | 0 9 | 19 9 | 3 32 | 4 18 | 3 59 | 26 23 | 12 36 | 0 3 |
| S 26 | 23 17 | 27 53 | 4 45 | 18 28 | 3 59 | 19 49 | 1 52 | 17 42 | 1 17 | 22 58 | 0 22 | 22 4 | 0 25 | 18 20 | 0 38 | 14 54 | 0 9 | 19 9 | 3 32 | 4 22 | 4 0 | 26 22 | 12 36 | 0 3 |
| M27 | 23 15 | 25 27 | 4 9 | 18 38 | 3 53 | 19 30 | 1 52 | 17 31 | 1 17 | 22 59 | 0 22 | 22 4 | 0 24 | 18 20 | 0 38 | 14 54 | 0 9 | 19 9 | 3 32 | 4 25 | 4 1 | 26 20 | 12 37 | 0 3 |
| T 28 | 23 12 | 21 15 | 3 15 | 18 50 | 3 46 | 19 10 | 1 52 | 17 19 | 1 16 | 22 59 | 0 22 | 22 3 | 0 24 | 18 21 | 0 39 | 14 53 | 0 9 | 19 9 | 3 32 | 4 28 | 4 2 | 26 19 | 12 38 | 0 3 |
| W29 | 23 9 | 15 46 | 2 10 | 19 3 | 3 38 | 18 50 | 1 51 | 17 8 | 1 16 | 22 59 | 0 22 | 22 2 | 0 24 | 18 21 | 0 39 | 14 53 | 0 9 | 19 9 | 3 32 | 4 30 | 4 4 | 26 18 | 12 38 | 0 3 |
| T 30 | 23n 5 | 9n33 | 0n57 | 19n16 | 3s29 | 18n29 | 1n51 | 16n57 | 1n16 | 23n 0 | 0s22 | 22n 1 | 0s24 | 18s22 | 0s39 | 14n52 | 0n 9 | 19n 9 | 3s32 | 4s31 | 4s 5 | 26s16 | 12n39 | 0n 3 |

Julian Day Number = 2603637.5, Delta T = 09m26s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'43, Lahiri = 29°40'45


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## JULY 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 38 27 | 9♋57'06 | 21♍41 | 17♊46 | 14♌45 | 17♌30 | 27♊29 | 16♋13 | 9°R49 | 20♌12 | 14♋ 1 | 18°D34 | 19♓37 | 20♉16 | 3♉24 | F 1 |
| S 2 | 18 42 23 | 10°54'22 | 5♎14 | 18°45 | 15°56 | 18° 7 | 27°43 | 16°21 | 9♒47 | 20°14 | 14° 2 | 18°R34 | 19°34 | 20°22 | 3°25 | S 2 |
| S 3 | 18 46 20 | 11°51'37 | 18°24 | 19°47 | 17° 7 | 18°44 | 27°56 | 16°29 | 9°45 | 20°16 | 14° 4 | 18♓34 | 19°31 | 20°29 | 3°27 | S 3 |
| M 4 | 18 50 17 | 12°48'52 | 1♏14 | 20°53 | 18°18 | 19°20 | 28°10 | 16°37 | 9°43 | 20°18 | 14° 5 | 18°33 | 19°28 | 20°36 | 3°29 | M 4 |
| T 5 | 18 54 13 | 13°46'06 | 13°47 | 22° 4 | 19°28 | 19°57 | 28°24 | 16°44 | 9°41 | 20°20 | 14° 7 | 18°29 | 19°25 | 20°42 | 3°31 | T 5 |
| W 6 | 18 58 10 | 14°43'19 | 26° 7 | 23°18 | 20°39 | 20°34 | 28°37 | 16°52 | 9°39 | 20°21 | 14° 8 | 18°23 | 19°21 | 20°49 | 3°33 | W 6 |
| T 7 | 19 2 6 | 15°40'33 | 8♐17 | 24°36 | 21°49 | 21°11 | 28°51 | 17° 0 | 9°37 | 20°23 | 14° 9 | 18°14 | 19°18 | 20°56 | 3°34 | T 7 |
| F 8 | 19 6 3 | 16°37'46 | 20°19 | 25°57 | 23° 0 | 21°48 | 29° 4 | 17° 8 | 9°35 | 20°25 | 14°11 | 18° 4 | 19°15 | 21° 2 | 3°36 | F 8 |
| S 9 | 19 9 59 | 17°34'58 | 2♑17 | 27°22 | 24°10 | 22°25 | 29°18 | 17°16 | 9°33 | 20°27 | 14°12 | 17°53 | 19°12 | 21° 9 | 3°37 | S 9 |
| S 10 | 19 13 56 | 18°32'11 | 14°10 | 28°51 | 25°21 | 23° 2 | 29°31 | 17°23 | 9°30 | 20°29 | 14°14 | 17°42 | 19° 9 | 21°16 | 3°39 | S 10 |
| M11 | 19 17 53 | 19°29'24 | 26° 2 | 0♋24 | 26°31 | 23°39 | 29°45 | 17°31 | 9°28 | 20°31 | 14°15 | 17°32 | 19° 6 | 21°23 | 3°40 | M11 |
| T 12 | 19 21 49 | 20°26'36 | 7♒53 | 2° 0 | 27°41 | 24°16 | 29°58 | 17°39 | 9°26 | 20°33 | 14°17 | 17°23 | 19° 2 | 21°29 | 3°42 | T 12 |
| W13 | 19 25 46 | 21°23'49 | 19°45 | 3°39 | 28°51 | 24°53 | 0♋12 | 17°47 | 9°24 | 20°35 | 14°18 | 17°18 | 18°59 | 21°36 | 3°43 | W13 |
| T 14 | 19 29 42 | 22°21'01 | 1♓41 | 5°22 | 0♍ 1 | 25°30 | 0°25 | 17°55 | 9°22 | 20°37 | 14°20 | 17°14 | 18°56 | 21°43 | 3°45 | T 14 |
| F 15 | 19 33 39 | 23°18'14 | 13°44 | 7° 8 | 1°11 | 26° 7 | 0°38 | 18° 2 | 9°19 | 20°39 | 14°21 | 17°D13 | 18°53 | 21°49 | 3°46 | F 15 |
| S 16 | 19 37 35 | 24°15'28 | 25°58 | 8°58 | 2°21 | 26°45 | 0°52 | 18°10 | 9°17 | 20°41 | 14°23 | 17°13 | 18°50 | 21°56 | 3°47 | S 16 |
| S 17 | 19 41 32 | 25°12'41 | 8♈25 | 10°50 | 3°30 | 27°22 | 1° 5 | 18°18 | 9°15 | 20°43 | 14°24 | 17°14 | 18°46 | 22° 3 | 3°48 | S 17 |
| M18 | 19 45 28 | 26° 9'55 | 21°12 | 12°45 | 4°40 | 27°59 | 1°18 | 18°26 | 9°12 | 20°45 | 14°26 | 17°R15 | 18°43 | 22° 9 | 3°49 | M18 |
| T 19 | 19 49 25 | 27° 7'10 | 4♉22 | 14°42 | 5°50 | 28°36 | 1°31 | 18°34 | 9°10 | 20°47 | 14°27 | 17°15 | 18°40 | 22°16 | 3°50 | T 19 |
| W20 | 19 53 22 | 28° 4'25 | 17°58 | 16°42 | 6°59 | 29°13 | 1°44 | 18°41 | 9° 8 | 20°49 | 14°29 | 17°13 | 18°37 | 22°23 | 3°51 | W20 |
| T 21 | 19 57 18 | 29° 1'40 | 2♊ 1 | 18°44 | 8° 9 | 29°50 | 1°58 | 18°49 | 9° 5 | 20°51 | 14°30 | 17° 9 | 18°34 | 22°30 | 3°52 | T 21 |
| F 22 | 20 1 15 | 29°58'57 | 16°32 | 20°48 | 9°18 | 0♍28 | 2°11 | 18°57 | 9° 3 | 20°53 | 14°32 | 17° 4 | 18°31 | 22°36 | 3°53 | F 22 |
| S 23 | 20 5 11 | 0♌56'14 | 1♋25 | 22°53 | 10°27 | 1° 5 | 2°24 | 19° 4 | 9° 1 | 20°56 | 14°33 | 16°58 | 18°27 | 22°43 | 3°54 | S 23 |
| S 24 | 20 9 8 | 1°53'31 | 16°35 | 25° 0 | 11°36 | 1°42 | 2°37 | 19°12 | 8°58 | 20°58 | 14°35 | 16°51 | 18°24 | 22°50 | 3°55 | S 24 |
| M25 | 20 13 4 | 2°50'49 | 1♌50 | 27° 7 | 12°45 | 2°20 | 2°49 | 19°20 | 8°56 | 21° 0 | 14°36 | 16°45 | 18°21 | 22°56 | 3°56 | M25 |
| T 26 | 20 17 1 | 3°48'07 | 17° 0 | 29°15 | 13°54 | 2°57 | 3° 2 | 19°28 | 8°54 | 21° 2 | 14°37 | 16°40 | 18°18 | 23° 3 | 3°56 | T 26 |
| W27 | 20 20 57 | 4°45'26 | 1♍56 | 1♌23 | 15° 3 | 3°34 | 3°15 | 19°35 | 8°51 | 21° 4 | 14°39 | 16°38 | 18°15 | 23°10 | 3°57 | W27 |
| T 28 | 20 24 54 | 5°42'45 | 16°30 | 3°31 | 16°12 | 4°12 | 3°28 | 19°43 | 8°49 | 21° 6 | 14°40 | 16°D37 | 18°12 | 23°16 | 3°58 | T 28 |
| F 29 | 20 28 51 | 6°40'04 | 0♎39 | 5°39 | 17°21 | 4°49 | 3°41 | 19°50 | 8°46 | 21° 8 | 14°42 | 16°37 | 18° 8 | 23°23 | 3°58 | F 29 |
| S 30 | 20 32 47 | 7°37'23 | 14°20 | 7°46 | 18°29 | 5°26 | 3°53 | 19°58 | 8°44 | 21°11 | 14°43 | 16°39 | 18° 5 | 23°30 | 3°58 | S 30 |
| S 31 | 20 36 44 | 8♌34'43 | 27♎34 | 9♌53 | 19♍37 | 6♍ 4 | 4♋ 6 | 20♋ 6 | 8♒42 | 21♌13 | 14♋44 | 16♓40 | 18♓ 2 | 23♉37 | 3♉59 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 1 | 3n 2 | 0s17 | 19n30 | 3s20 | 18n 8 | 1n51 | 16n45 | 1n15 | 23n 0 | 0s22 | 22n 0 | 0s24 | 18s22 | 0s39 | 14n52 | 0n 9 | 19n 9 | 3s32 | 4s31 | 4s 6 | 26s15 | 12n40 | 0n 3 |
| S 2 | 22 56 | 3s25 | 1 27 | 19 45 | 3 10 | 17 47 | 1 50 | 16 33 | 1 15 | 23 0 | 0 22 | 22 0 | 0 24 | 18 23 | 0 39 | 14 51 | 0 9 | 19 9 | 3 32 | 4 31 | 4 7 | 26 13 | 12 40 | 0 3 |
| S 3 | 22 52 | 9 32 | 2 32 | 20 0 | 3 0 | 17 25 | 1 50 | 16 22 | 1 15 | 23 1 | 0 22 | 21 59 | 0 24 | 18 23 | 0 39 | 14 50 | 0 9 | 19 8 | 3 32 | 4 31 | 4 9 | 26 12 | 12 41 | 0 3 |
| M 4 | 22 46 | 15 6 | 3 26 | 20 15 | 2 49 | 17 3 | 1 49 | 16 10 | 1 14 | 23 1 | 0 21 | 21 58 | 0 24 | 18 24 | 0 39 | 14 50 | 0 9 | 19 8 | 3 31 | 4 31 | 4 10 | 26 10 | 12 41 | 0 2 |
| T 5 | 22 41 | 19 55 | 4 10 | 20 31 | 2 38 | 16 40 | 1 48 | 15 58 | 1 14 | 23 1 | 0 21 | 21 57 | 0 24 | 18 24 | 0 39 | 14 49 | 0 9 | 19 8 | 3 31 | 4 33 | 4 11 | 26 9 | 12 42 | 0 2 |
| W 6 | 22 35 | 23 47 | 4 41 | 20 47 | 2 27 | 16 17 | 1 48 | 15 46 | 1 13 | 23 2 | 0 21 | 21 56 | 0 24 | 18 25 | 0 39 | 14 49 | 0 9 | 19 8 | 3 31 | 4 35 | 4 12 | 26 7 | 12 42 | 0 2 |
| T 7 | 22 28 | 26 33 | 4 59 | 21 2 | 2 15 | 15 53 | 1 47 | 15 34 | 1 13 | 23 2 | 0 21 | 21 55 | 0 24 | 18 26 | 0 39 | 14 48 | 0 9 | 19 8 | 3 31 | 4 39 | 4 13 | 26 6 | 12 43 | 0 2 |
| F 8 | 22 21 | 28 4 | 5 3 | 21 17 | 2 3 | 15 29 | 1 46 | 15 21 | 1 13 | 23 2 | 0 21 | 21 54 | 0 23 | 18 26 | 0 39 | 14 48 | 0 9 | 19 8 | 3 31 | 4 43 | 4 15 | 26 4 | 12 43 | 0 2 |
| S 9 | 22 14 | 28 16 | 4 54 | 21 31 | 1 50 | 15 5 | 1 45 | 15 9 | 1 12 | 23 2 | 0 21 | 21 53 | 0 23 | 18 27 | 0 39 | 14 47 | 0 9 | 19 8 | 3 31 | 4 47 | 4 16 | 26 3 | 12 44 | 0 2 |
| S 10 | 22 6 | 27 9 | 4 32 | 21 45 | 1 38 | 14 40 | 1 43 | 14 57 | 1 12 | 23 2 | 0 21 | 21 52 | 0 23 | 18 27 | 0 39 | 14 46 | 0 9 | 19 8 | 3 31 | 4 51 | 4 17 | 26 1 | 12 44 | 0 2 |
| M11 | 21 58 | 24 48 | 3 58 | 21 58 | 1 25 | 14 15 | 1 42 | 14 44 | 1 12 | 23 2 | 0 21 | 21 52 | 0 23 | 18 28 | 0 39 | 14 46 | 0 9 | 19 8 | 3 31 | 4 55 | 4 18 | 26 0 | 12 45 | 0 2 |
| T 12 | 21 50 | 21 23 | 3 14 | 22 10 | 1 13 | 13 50 | 1 41 | 14 31 | 1 11 | 23 2 | 0 21 | 21 51 | 0 23 | 18 29 | 0 39 | 14 45 | 0 9 | 19 8 | 3 31 | 4 58 | 4 20 | 25 58 | 12 45 | 0 2 |
| W13 | 21 41 | 17 6 | 2 22 | 22 20 | 1 0 | 13 24 | 1 39 | 14 19 | 1 11 | 23 2 | 0 21 | 21 50 | 0 23 | 18 29 | 0 39 | 14 45 | 0 9 | 19 7 | 3 31 | 5 1 | 4 21 | 25 56 | 12 45 | 0 2 |
| T 14 | 21 32 | 12 8 | 1 22 | 22 30 | 0 47 | 12 58 | 1 38 | 14 6 | 1 11 | 23 3 | 0 21 | 21 49 | 0 23 | 18 30 | 0 39 | 14 44 | 0 9 | 19 7 | 3 31 | 5 2 | 4 22 | 25 55 | 12 46 | 0 2 |
| F 15 | 21 23 | 6 40 | 0 19 | 22 37 | 0 35 | 12 32 | 1 36 | 13 53 | 1 10 | 23 3 | 0 21 | 21 48 | 0 23 | 18 30 | 0 39 | 14 43 | 0 9 | 19 7 | 3 31 | 5 2 | 4 23 | 25 53 | 12 46 | 0 2 |
| S 16 | 21 13 | 0 53 | 0n47 | 22 43 | 0 22 | 12 5 | 1 34 | 13 40 | 1 10 | 23 3 | 0 21 | 21 47 | 0 23 | 18 31 | 0 39 | 14 43 | 0 9 | 19 7 | 3 31 | 5 2 | 4 25 | 25 52 | 12 47 | 0 1 |
| S 17 | 21 3 | 5n 3 | 1 52 | 22 47 | 0 10 | 11 38 | 1 32 | 13 27 | 1 10 | 23 3 | 0 20 | 21 46 | 0 23 | 18 32 | 0 39 | 14 42 | 0 9 | 19 7 | 3 31 | 5 2 | 4 26 | 25 50 | 12 47 | 0 1 |
| M18 | 20 52 | 10 55 | 2 53 | 22 48 | 0n 2 | 11 11 | 1 30 | 13 14 | 1 9 | 23 2 | 0 20 | 21 45 | 0 23 | 18 32 | 0 39 | 14 41 | 0 9 | 19 7 | 3 31 | 5 2 | 4 27 | 25 49 | 12 47 | 0 1 |
| T 19 | 20 41 | 16 30 | 3 46 | 22 48 | 0 13 | 10 43 | 1 28 | 13 1 | 1 9 | 23 2 | 0 20 | 21 44 | 0 23 | 18 33 | 0 39 | 14 41 | 0 9 | 19 7 | 3 31 | 5 2 | 4 28 | 25 47 | 12 47 | 0 1 |
| W20 | 20 30 | 21 27 | 4 29 | 22 45 | 0 24 | 10 16 | 1 26 | 12 47 | 1 8 | 23 2 | 0 20 | 21 43 | 0 22 | 18 34 | 0 39 | 14 40 | 0 9 | 19 7 | 3 31 | 5 2 | 4 30 | 25 45 | 12 48 | 0 1 |
| T 21 | 20 19 | 25 23 | 4 57 | 22 39 | 0 35 | 9 48 | 1 24 | 12 34 | 1 8 | 23 2 | 0 20 | 21 42 | 0 22 | 18 34 | 0 39 | 14 39 | 0 9 | 19 6 | 3 31 | 5 4 | 4 31 | 25 44 | 12 48 | 0 1 |
| F 22 | 20 7 | 27 49 | 5 8 | 22 31 | 0 45 | 9 20 | 1 22 | 12 20 | 1 8 | 23 2 | 0 20 | 21 41 | 0 22 | 18 35 | 0 39 | 14 39 | 0 9 | 19 6 | 3 31 | 5 6 | 4 32 | 25 42 | 12 48 | 0 1 |
| S 23 | 19 54 | 28 21 | 4 58 | 22 20 | 0 54 | 8 51 | 1 19 | 12 7 | 1 7 | 23 2 | 0 20 | 21 40 | 0 22 | 18 36 | 0 39 | 14 38 | 0 9 | 19 6 | 3 31 | 5 8 | 4 33 | 25 41 | 12 48 | 0 1 |
| S 24 | 19 42 | 26 47 | 4 28 | 22 7 | 1 2 | 8 23 | 1 17 | 11 53 | 1 7 | 23 2 | 0 20 | 21 39 | 0 22 | 18 36 | 0 39 | 14 37 | 0 9 | 19 6 | 3 31 | 5 11 | 4 35 | 25 39 | 12 49 | 0 1 |
| M25 | 19 29 | 23 15 | 3 38 | 21 50 | 1 10 | 7 54 | 1 14 | 11 40 | 1 6 | 23 2 | 0 20 | 21 38 | 0 22 | 18 37 | 0 39 | 14 37 | 0 9 | 19 6 | 3 31 | 5 13 | 4 36 | 25 37 | 12 49 | 0 1 |
| T 26 | 19 16 | 18 9 | 2 33 | 21 31 | 1 17 | 7 25 | 1 11 | 11 26 | 1 6 | 23 1 | 0 20 | 21 37 | 0 22 | 18 37 | 0 39 | 14 36 | 0 9 | 19 6 | 3 31 | 5 15 | 4 37 | 25 36 | 12 49 | 0 1 |
| W27 | 19 2 | 11 59 | 1 19 | 21 10 | 1 24 | 6 56 | 1 9 | 11 12 | 1 6 | 23 1 | 0 20 | 21 36 | 0 22 | 18 38 | 0 39 | 14 35 | 0 9 | 19 6 | 3 31 | 5 16 | 4 38 | 25 34 | 12 49 | 0 1 |
| T 28 | 18 48 | 5 19 | 0 1 | 20 46 | 1 29 | 6 27 | 1 6 | 10 58 | 1 5 | 23 1 | 0 20 | 21 35 | 0 22 | 18 39 | 0 39 | 14 35 | 0 9 | 19 6 | 3 31 | 5 16 | 4 40 | 25 32 | 12 49 | 0 1 |
| F 29 | 18 34 | 1s25 | 1s15 | 20 20 | 1 34 | 5 57 | 1 3 | 10 44 | 1 5 | 23 1 | 0 20 | 21 34 | 0 22 | 18 39 | 0 39 | 14 34 | 0 9 | 19 6 | 3 30 | 5 16 | 4 41 | 25 31 | 12 49 | 0 0 |
| S 30 | 18 19 | 7 52 | 2 25 | 19 52 | 1 38 | 5 28 | 1 0 | 10 30 | 1 5 | 23 0 | 0 20 | 21 33 | 0 22 | 18 40 | 0 39 | 14 33 | 0 9 | 19 5 | 3 30 | 5 16 | 4 42 | 25 29 | 12 49 | 0 0 |
| S 31 | 18n 5 | 13s46 | 3s24 | 19n22 | 1n41 | 4n58 | 0n57 | 10n16 | 1n 4 | 23n 0 | 0s19 | 21n32 | 0s22 | 18s41 | 0s39 | 14n33 | 0n 9 | 19n 5 | 3s30 | 5s15 | 4s43 | 25s27 | 12n49 | 0n 0 |

Julian Day Number = 2603667.5, Delta T = 09m26s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'48, Lahiri = 29°40'49


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## AUGUST 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 40 40 | 9♌32'03 | 10♏26 | 11♌58 | 20♍46 | 6♍41 | 4♋18 | 20♋13 | 8°R39 | 21♌15 | 14♋46 | 16°R40 | 17♓59 | 23♉43 | 3♉59 | M 1 |
| T 2 | 20 44 37 | 10°29'24 | 22°58 | 14° 3 | 21°54 | 7°19 | 4°31 | 20°21 | 8♒37 | 21°17 | 14°47 | 16♓40 | 17°56 | 23°50 | 4° 0 | T 2 |
| W 3 | 20 48 33 | 11°26'44 | 5♐15 | 16° 6 | 23° 2 | 7°56 | 4°43 | 20°28 | 8°34 | 21°19 | 14°49 | 16°37 | 17°52 | 23°57 | 4° 0 | W 3 |
| T 4 | 20 52 30 | 12°24'06 | 17°20 | 18° 8 | 24°10 | 8°34 | 4°55 | 20°36 | 8°32 | 21°21 | 14°50 | 16°33 | 17°49 | 24° 3 | 4° 0 | T 4 |
| F 5 | 20 56 26 | 13°21'28 | 29°18 | 20° 9 | 25°18 | 9°11 | 5° 8 | 20°43 | 8°29 | 21°24 | 14°51 | 16°29 | 17°46 | 24°10 | 4° 0 | F 5 |
| S 6 | 21 0 23 | 14°18'50 | 11♑11 | 22° 8 | 26°25 | 9°49 | 5°20 | 20°50 | 8°27 | 21°26 | 14°53 | 16°23 | 17°43 | 24°17 | 4° 0 | S 6 |
| S 7 | 21 4 20 | 15°16'13 | 23° 2 | 24° 5 | 27°33 | 10°26 | 5°32 | 20°58 | 8°25 | 21°28 | 14°54 | 16°17 | 17°40 | 24°23 | 4°R 0 | S 7 |
| M 8 | 21 8 16 | 16°13'37 | 4♒53 | 26° 2 | 28°40 | 11° 4 | 5°44 | 21° 5 | 8°22 | 21°30 | 14°55 | 16°12 | 17°37 | 24°30 | 4° 0 | M 8 |
| T 9 | 21 12 13 | 17°11'02 | 16°47 | 27°56 | 29°48 | 11°42 | 5°56 | 21°12 | 8°20 | 21°33 | 14°56 | 16° 8 | 17°33 | 24°37 | 4° 0 | T 9 |
| W10 | 21 16 9 | 18° 8'27 | 28°46 | 29°49 | 0♎55 | 12°19 | 6° 8 | 21°20 | 8°18 | 21°35 | 14°58 | 16° 6 | 17°30 | 24°44 | 4° 0 | W10 |
| T 11 | 21 20 6 | 19° 5'54 | 10♓50 | 1♍40 | 2° 2 | 12°57 | 6°20 | 21°27 | 8°15 | 21°37 | 14°59 | 16°D 5 | 17°27 | 24°50 | 4° 0 | T 11 |
| F 12 | 21 24 2 | 20° 3'21 | 23° 3 | 3°30 | 3° 9 | 13°35 | 6°32 | 21°34 | 8°13 | 21°39 | 15° 0 | 16° 5 | 17°24 | 24°57 | 3°59 | F 12 |
| S 13 | 21 27 59 | 21° 0'49 | 5♈27 | 5°18 | 4°15 | 14°12 | 6°44 | 21°41 | 8°11 | 21°41 | 15° 2 | 16° 6 | 17°21 | 25° 4 | 3°59 | S 13 |
| S 14 | 21 31 55 | 21°58'19 | 18° 4 | 7° 4 | 5°22 | 14°50 | 6°55 | 21°49 | 8° 8 | 21°44 | 15° 3 | 16° 7 | 17°18 | 25°10 | 3°59 | S 14 |
| M15 | 21 35 52 | 22°55'50 | 0♉57 | 8°49 | 6°28 | 15°28 | 7° 7 | 21°56 | 8° 6 | 21°46 | 15° 4 | 16° 9 | 17°14 | 25°17 | 3°58 | M15 |
| T 16 | 21 39 49 | 23°53'22 | 14° 8 | 10°33 | 7°35 | 16° 6 | 7°18 | 22° 3 | 8° 4 | 21°48 | 15° 5 | 16°10 | 17°11 | 25°24 | 3°58 | T 16 |
| W17 | 21 43 45 | 24°50'56 | 27°41 | 12°15 | 8°41 | 16°43 | 7°30 | 22°10 | 8° 1 | 21°50 | 15° 6 | 16°R10 | 17° 8 | 25°30 | 3°57 | W17 |
| T 18 | 21 47 42 | 25°48'31 | 11♊36 | 13°55 | 9°47 | 17°21 | 7°41 | 22°17 | 7°59 | 21°53 | 15° 8 | 16° 9 | 17° 5 | 25°37 | 3°57 | T 18 |
| F 19 | 21 51 38 | 26°46'07 | 25°53 | 15°34 | 10°52 | 17°59 | 7°52 | 22°24 | 7°57 | 21°55 | 15° 9 | 16° 8 | 17° 2 | 25°44 | 3°56 | F 19 |
| S 20 | 21 55 35 | 27°43'45 | 10♋30 | 17°11 | 11°58 | 18°37 | 8° 3 | 22°31 | 7°55 | 21°57 | 15°10 | 16° 6 | 16°58 | 25°50 | 3°55 | S 20 |
| S 21 | 21 59 31 | 28°41'25 | 25°22 | 18°47 | 13° 3 | 19°15 | 8°14 | 22°37 | 7°52 | 21°59 | 15°11 | 16° 4 | 16°55 | 25°57 | 3°55 | S 21 |
| M22 | 22 3 28 | 29°39'06 | 10♌22 | 20°21 | 14° 8 | 19°53 | 8°25 | 22°44 | 7°50 | 22° 1 | 15°12 | 16° 2 | 16°52 | 26° 4 | 3°54 | M22 |
| T 23 | 22 7 24 | 0♍36'48 | 25°21 | 21°54 | 15°14 | 20°31 | 8°36 | 22°51 | 7°48 | 22° 4 | 15°13 | 16° 0 | 16°49 | 26°11 | 3°53 | T 23 |
| W24 | 22 11 21 | 1°34'31 | 10♍11 | 23°25 | 16°18 | 21° 9 | 8°47 | 22°58 | 7°46 | 22° 6 | 15°14 | 15°D59 | 16°46 | 26°17 | 3°52 | W24 |
| T 25 | 22 15 18 | 2°32'15 | 24°44 | 24°55 | 17°23 | 21°47 | 8°58 | 23° 4 | 7°44 | 22° 8 | 15°16 | 16° 0 | 16°43 | 26°24 | 3°51 | T 25 |
| F 26 | 22 19 14 | 3°30'01 | 8♎56 | 26°23 | 18°28 | 22°25 | 9° 8 | 23°11 | 7°42 | 22°10 | 15°17 | 16° 0 | 16°39 | 26°31 | 3°50 | F 26 |
| S 27 | 22 23 11 | 4°27'48 | 22°42 | 27°50 | 19°32 | 23° 3 | 9°19 | 23°18 | 7°40 | 22°12 | 15°18 | 16° 1 | 16°36 | 26°37 | 3°49 | S 27 |
| S 28 | 22 27 7 | 5°25'36 | 6♏ 3 | 29°15 | 20°36 | 23°41 | 9°29 | 23°24 | 7°38 | 22°15 | 15°19 | 16° 2 | 16°33 | 26°44 | 3°48 | S 28 |
| M29 | 22 31 4 | 6°23'25 | 18°59 | 0♎38 | 21°40 | 24°19 | 9°40 | 23°30 | 7°36 | 22°17 | 15°20 | 16° 3 | 16°30 | 26°51 | 3°46 | M29 |
| T 30 | 22 35 0 | 7°21'15 | 1♐35 | 2° 0 | 22°43 | 24°57 | 9°50 | 23°37 | 7°34 | 22°19 | 15°21 | 16° 3 | 16°27 | 26°57 | 3°45 | T 30 |
| W31 | 22 38 57 | 8♍19'07 | 13♐53 | 3♎20 | 23♎47 | 25♍36 | 10♋ 0 | 23♋43 | 7♒32 | 22♌21 | 15♋22 | 16°R 3 | 16♓24 | 27♑ 4 | 3♉44 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n50 | 18s54 | 4s11 | 18n49 | 1n44 | 4n28 | 0n53 | 10n 2 | 1n 4 | 23n 0 | 0s19 | 21n31 | 0s22 | 18s41 | 0s39 | 14n32 | 0n 9 | 19n 5 | 3s30 | 5s15 | 4s44 | 25s26 | 12n49 | 0n 0 |
| T 2 | 17 34 | 23 4 | 4 45 | 18 15 | 1 45 | 3 58 | 0 50 | 9 47 | 1 3 | 22 59 | 0 19 | 21 30 | 0 21 | 18 42 | 0 39 | 14 31 | 0 9 | 19 5 | 3 30 | 5 15 | 4 46 | 25 24 | 12 49 | 0 0 |
| W 3 | 17 19 | 26 8 | 5 5 | 17 40 | 1 46 | 3 29 | 0 47 | 9 33 | 1 3 | 22 59 | 0 19 | 21 29 | 0 21 | 18 43 | 0 39 | 14 31 | 0 9 | 19 5 | 3 30 | 5 16 | 4 47 | 25 22 | 12 49 | 0 0 |
| T 4 | 17 3 | 27 57 | 5 11 | 17 3 | 1 47 | 2 58 | 0 43 | 9 19 | 1 3 | 22 59 | 0 19 | 21 28 | 0 21 | 18 43 | 0 39 | 14 30 | 0 9 | 19 5 | 3 30 | 5 18 | 4 48 | 25 20 | 12 49 | 0s 0 |
| F 5 | 16 46 | 28 27 | 5 4 | 16 25 | 1 46 | 2 28 | 0 40 | 9 4 | 1 2 | 22 58 | 0 19 | 21 27 | 0 21 | 18 44 | 0 39 | 14 29 | 0 9 | 19 5 | 3 30 | 5 20 | 4 49 | 25 19 | 12 49 | 0 0 |
| S 6 | 16 30 | 27 37 | 4 43 | 15 46 | 1 45 | 1 58 | 0 36 | 8 50 | 1 2 | 22 58 | 0 19 | 21 26 | 0 21 | 18 44 | 0 39 | 14 28 | 0 9 | 19 4 | 3 30 | 5 22 | 4 51 | 25 17 | 12 49 | 0 0 |
| S 7 | 16 13 | 25 32 | 4 10 | 15 5 | 1 43 | 1 28 | 0 32 | 8 35 | 1 1 | 22 57 | 0 19 | 21 25 | 0 21 | 18 45 | 0 39 | 14 28 | 0 9 | 19 4 | 3 30 | 5 24 | 4 52 | 25 15 | 12 49 | 0 0 |
| M 8 | 15 56 | 22 20 | 3 26 | 14 24 | 1 41 | 0 58 | 0 28 | 8 21 | 1 1 | 22 57 | 0 19 | 21 24 | 0 21 | 18 46 | 0 39 | 14 27 | 0 9 | 19 4 | 3 30 | 5 26 | 4 53 | 25 14 | 12 49 | 0 0 |
| T 9 | 15 39 | 18 13 | 2 34 | 13 42 | 1 38 | 0 27 | 0 25 | 8 6 | 1 1 | 22 56 | 0 19 | 21 22 | 0 21 | 18 46 | 0 39 | 14 26 | 0 9 | 19 4 | 3 30 | 5 27 | 4 54 | 25 12 | 12 49 | 0 0 |
| W10 | 15 22 | 13 20 | 1 34 | 13 0 | 1 35 | 0s 3 | 0 21 | 7 51 | 1 0 | 22 56 | 0 19 | 21 21 | 0 21 | 18 47 | 0 39 | 14 26 | 0 9 | 19 4 | 3 30 | 5 28 | 4 56 | 25 10 | 12 49 | 0 1 |
| T 11 | 15 4 | 7 56 | 0 29 | 12 16 | 1 31 | 0 33 | 0 16 | 7 36 | 1 0 | 22 55 | 0 19 | 21 20 | 0 21 | 18 47 | 0 39 | 14 25 | 0 9 | 19 4 | 3 30 | 5 29 | 4 57 | 25 8 | 12 49 | 0 1 |
| F 12 | 14 46 | 2 10 | 0n38 | 11 33 | 1 27 | 1 4 | 0 12 | 7 22 | 0 59 | 22 55 | 0 19 | 21 19 | 0 21 | 18 48 | 0 39 | 14 24 | 0 9 | 19 4 | 3 30 | 5 29 | 4 58 | 25 7 | 12 49 | 0 1 |
| S 13 | 14 28 | 3n46 | 1 45 | 10 49 | 1 22 | 1 34 | 0 8 | 7 7 | 0 59 | 22 54 | 0 19 | 21 18 | 0 21 | 18 49 | 0 39 | 14 24 | 0 9 | 19 4 | 3 30 | 5 28 | 4 59 | 25 5 | 12 48 | 0 1 |
| S 14 | 14 9 | 9 39 | 2 47 | 10 5 | 1 17 | 2 4 | 0 4 | 6 52 | 0 59 | 22 54 | 0 19 | 21 17 | 0 21 | 18 49 | 0 39 | 14 23 | 0 9 | 19 3 | 3 30 | 5 28 | 5 1 | 25 3 | 12 48 | 0 1 |
| M15 | 13 51 | 15 15 | 3 42 | 9 21 | 1 11 | 2 34 | 0s 1 | 6 37 | 0 58 | 22 53 | 0 19 | 21 16 | 0 21 | 18 50 | 0 39 | 14 22 | 0 9 | 19 3 | 3 30 | 5 27 | 5 2 | 25 1 | 12 48 | 0 1 |
| T 16 | 13 32 | 20 18 | 4 27 | 8 36 | 1 5 | 3 5 | 0 5 | 6 22 | 0 58 | 22 53 | 0 18 | 21 15 | 0 20 | 18 50 | 0 39 | 14 21 | 0 9 | 19 3 | 3 30 | 5 27 | 5 3 | 24 59 | 12 48 | 0 1 |
| W17 | 13 13 | 24 27 | 4 59 | 7 52 | 0 59 | 3 35 | 0 9 | 6 7 | 0 57 | 22 52 | 0 18 | 21 14 | 0 20 | 18 51 | 0 39 | 14 21 | 0 9 | 19 3 | 3 30 | 5 27 | 5 4 | 24 58 | 12 48 | 0 1 |
| T 18 | 12 53 | 27 19 | 5 14 | 7 7 | 0 52 | 4 5 | 0 14 | 5 52 | 0 57 | 22 52 | 0 18 | 21 13 | 0 20 | 18 52 | 0 39 | 14 20 | 0 9 | 19 3 | 3 30 | 5 27 | 5 6 | 24 56 | 12 47 | 0 1 |
| F 19 | 12 34 | 28 30 | 5 11 | 6 23 | 0 45 | 4 35 | 0 19 | 5 37 | 0 57 | 22 51 | 0 18 | 21 12 | 0 20 | 18 52 | 0 39 | 14 19 | 0 9 | 19 3 | 3 30 | 5 28 | 5 7 | 24 54 | 12 47 | 0 1 |
| S 20 | 12 14 | 27 45 | 4 47 | 5 38 | 0 38 | 5 5 | 0 23 | 5 21 | 0 56 | 22 50 | 0 18 | 21 11 | 0 20 | 18 53 | 0 39 | 14 19 | 0 9 | 19 3 | 3 30 | 5 28 | 5 8 | 24 52 | 12 47 | 0 1 |
| S 21 | 11 54 | 25 1 | 4 4 | 4 54 | 0 31 | 5 35 | 0 28 | 5 6 | 0 56 | 22 50 | 0 18 | 21 10 | 0 20 | 18 53 | 0 39 | 14 18 | 0 9 | 19 3 | 3 30 | 5 29 | 5 9 | 24 50 | 12 46 | 0 1 |
| M22 | 11 34 | 20 34 | 3 4 | 4 10 | 0 23 | 6 4 | 0 33 | 4 51 | 0 55 | 22 49 | 0 18 | 21 9 | 0 20 | 18 54 | 0 39 | 14 17 | 0 9 | 19 2 | 3 30 | 5 30 | 5 10 | 24 49 | 12 46 | 0 2 |
| T 23 | 11 14 | 14 48 | 1 52 | 3 27 | 0 15 | 6 34 | 0 38 | 4 36 | 0 55 | 22 49 | 0 18 | 21 8 | 0 20 | 18 54 | 0 39 | 14 17 | 0 9 | 19 2 | 3 30 | 5 31 | 5 12 | 24 47 | 12 46 | 0 2 |
| W24 | 10 53 | 8 14 | 0 32 | 2 43 | 0 7 | 7 4 | 0 43 | 4 20 | 0 54 | 22 48 | 0 18 | 21 7 | 0 20 | 18 55 | 0 39 | 14 16 | 0 9 | 19 2 | 3 30 | 5 31 | 5 13 | 24 45 | 12 45 | 0 2 |
| T 25 | 10 33 | 1 21 | 0s48 | 2 0 | 0s 1 | 7 33 | 0 48 | 4 5 | 0 54 | 22 47 | 0 18 | 21 6 | 0 20 | 18 56 | 0 39 | 14 15 | 0 9 | 19 2 | 3 30 | 5 31 | 5 14 | 24 43 | 12 45 | 0 2 |
| F 26 | 10 12 | 5s26 | 2 4 | 1 17 | 0 9 | 8 2 | 0 53 | 3 50 | 0 54 | 22 47 | 0 18 | 21 5 | 0 20 | 18 56 | 0 39 | 14 14 | 0 9 | 19 2 | 3 30 | 5 31 | 5 15 | 24 41 | 12 44 | 0 2 |
| S 27 | 9 51 | 11 45 | 3 10 | 0 35 | 0 18 | 8 31 | 0 58 | 3 34 | 0 53 | 22 46 | 0 18 | 21 4 | 0 20 | 18 57 | 0 39 | 14 14 | 0 9 | 19 2 | 3 30 | 5 30 | 5 17 | 24 39 | 12 44 | 0 2 |
| S 28 | 9 30 | 17 20 | 4 3 | 0s 7 | 0 27 | 9 0 | 1 3 | 3 19 | 0 53 | 22 45 | 0 18 | 21 3 | 0 20 | 18 57 | 0 39 | 14 13 | 0 10 | 19 2 | 3 30 | 5 30 | 5 18 | 24 38 | 12 43 | 0 2 |
| M29 | 9 9 | 21 57 | 4 42 | 0 48 | 0 36 | 9 29 | 1 9 | 3 3 | 0 52 | 22 45 | 0 18 | 21 2 | 0 20 | 18 58 | 0 39 | 14 12 | 0 10 | 19 2 | 3 30 | 5 30 | 5 19 | 24 36 | 12 43 | 0 2 |
| T 30 | 8 47 | 25 26 | 5 7 | 1 29 | 0 45 | 9 58 | 1 14 | 2 48 | 0 52 | 22 44 | 0 18 | 21 0 | 0 20 | 18 58 | 0 39 | 14 12 | 0 10 | 19 1 | 3 30 | 5 29 | 5 20 | 24 34 | 12 42 | 0 2 |
| W31 | 8n26 | 27s39 | 5s17 | 2s 9 | 0s54 | 10s26 | 1s19 | 2n32 | 0n51 | 22n43 | 0s18 | 20n59 | 0s19 | 18s59 | 0s39 | 14n11 | 0n10 | 19n 1 | 3s30 | 5s29 | 5s22 | 24s32 | 12n42 | 0s 2 |

Julian Day Number = 2603698.5, Delta T = 09m26s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'52, Lahiri = 29°40'53


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## SEPTEMBER 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 42 53 | 9♍16'59 | 25♐57 | 4♎39 | 24♎50 | 26♍14 | 10♋10 | 23♋49 | 7°R30 | 22♑23 | 15♋23 | 16°R 3 | 16♓20 | 27♉11 | 3°R43 | T 1 |
| F 2 | 22 46 50 | 10°14'53 | 7♉53 | 5°56 | 25°53 | 26°52 | 10°20 | 23°56 | 7♒28 | 22°25 | 15°24 | 16♓ 2 | 16°17 | 27°17 | 3♉41 | F 2 |
| S 3 | 22 50 47 | 11°12'48 | 19°45 | 7°11 | 26°55 | 27°30 | 10°30 | 24° 2 | 7°26 | 22°27 | 15°25 | 16° 2 | 16°14 | 27°24 | 3°40 | S 3 |
| S 4 | 22 54 43 | 12°10'45 | 1♒36 | 8°24 | 27°57 | 28° 9 | 10°39 | 24° 8 | 7°24 | 22°30 | 15°25 | 16° 1 | 16°11 | 27°31 | 3°38 | S 4 |
| M 5 | 22 58 40 | 13° 8'43 | 13°30 | 9°35 | 29° 0 | 28°47 | 10°49 | 24°14 | 7°22 | 22°32 | 15°26 | 16° 1 | 16° 8 | 27°37 | 3°37 | M 5 |
| T 6 | 23 2 36 | 14° 6'42 | 25°29 | 10°45 | 0♏ 1 | 29°25 | 10°58 | 24°20 | 7°21 | 22°34 | 15°27 | 16° 0 | 16° 4 | 27°44 | 3°35 | T 6 |
| W 7 | 23 6 33 | 15° 4'42 | 7♓36 | 11°52 | 1° 3 | 0♎ 4 | 11° 8 | 24°26 | 7°19 | 22°36 | 15°28 | 16° 0 | 16° 1 | 27°51 | 3°34 | W 7 |
| T 8 | 23 10 29 | 16° 2'45 | 19°54 | 12°57 | 2° 4 | 0°42 | 11°17 | 24°32 | 7°17 | 22°38 | 15°29 | 16° 0 | 15°58 | 27°58 | 3°32 | T 8 |
| F 9 | 23 14 26 | 17° 0'48 | 2♈22 | 13°59 | 3° 5 | 1°20 | 11°26 | 24°38 | 7°15 | 22°40 | 15°30 | 16° 0 | 15°55 | 28° 4 | 3°30 | F 9 |
| S 10 | 23 18 22 | 17°58'54 | 15° 3 | 14°59 | 4° 5 | 1°59 | 11°35 | 24°43 | 7°14 | 22°42 | 15°31 | 16° 0 | 15°52 | 28°11 | 3°28 | S 10 |
| S 11 | 23 22 19 | 18°57'01 | 27°58 | 15°57 | 5° 6 | 2°37 | 11°44 | 24°49 | 7°12 | 22°44 | 15°31 | 16° 0 | 15°49 | 28°18 | 3°27 | S 11 |
| M12 | 23 26 15 | 19°55'10 | 11♉ 6 | 16°52 | 6° 5 | 3°16 | 11°53 | 24°55 | 7°11 | 22°46 | 15°32 | 16° 0 | 15°45 | 28°24 | 3°25 | M12 |
| T 13 | 23 30 12 | 20°53'22 | 24°29 | 17°44 | 7° 5 | 3°54 | 12° 1 | 25° 0 | 7° 9 | 22°48 | 15°33 | 15°59 | 15°42 | 28°31 | 3°23 | T 13 |
| W14 | 23 34 9 | 21°51'35 | 8♊ 7 | 18°32 | 8° 4 | 4°33 | 12°10 | 25° 6 | 7° 8 | 22°50 | 15°34 | 15°59 | 15°39 | 28°38 | 3°21 | W14 |
| T 15 | 23 38 5 | 22°49'50 | 22° 0 | 19°18 | 9° 3 | 5°12 | 12°18 | 25°11 | 7° 6 | 22°52 | 15°34 | 15°D58 | 15°36 | 28°44 | 3°19 | T 15 |
| F 16 | 23 42 2 | 23°48'08 | 6♋ 7 | 20° 0 | 10° 1 | 5°50 | 12°27 | 25°16 | 7° 5 | 22°54 | 15°35 | 15°59 | 15°33 | 28°51 | 3°17 | F 16 |
| S 17 | 23 45 58 | 24°46'27 | 20°27 | 20°38 | 10°59 | 6°29 | 12°35 | 25°21 | 7° 3 | 22°56 | 15°36 | 15°59 | 15°30 | 28°58 | 3°15 | S 17 |
| S 18 | 23 49 55 | 25°44'49 | 4♌56 | 21°11 | 11°57 | 7° 8 | 12°43 | 25°27 | 7° 2 | 22°58 | 15°36 | 16° 0 | 15°26 | 29° 4 | 3°13 | S 18 |
| M19 | 23 53 51 | 26°43'12 | 19°31 | 21°41 | 12°54 | 7°46 | 12°51 | 25°32 | 7° 1 | 23° 0 | 15°37 | 16° 1 | 15°23 | 29°11 | 3°10 | M19 |
| T 20 | 23 57 48 | 27°41'37 | 4♍ 7 | 22° 6 | 13°51 | 8°25 | 12°58 | 25°37 | 6°59 | 23° 2 | 15°37 | 16° 1 | 15°20 | 29°18 | 3° 8 | T 20 |
| W21 | 0 1 45 | 28°40'05 | 18°37 | 22°25 | 14°47 | 9° 4 | 13° 6 | 25°42 | 6°58 | 23° 4 | 15°38 | 16°R 2 | 15°17 | 29°24 | 3° 6 | W21 |
| T 22 | 0 5 41 | 29°38'34 | 2♎57 | 22°40 | 15°43 | 9°43 | 13°13 | 25°46 | 6°57 | 23° 6 | 15°39 | 16° 1 | 15°14 | 29°31 | 3° 4 | T 22 |
| F 23 | 0 9 38 | 0♎37'05 | 17° 0 | 22°48 | 16°39 | 10°22 | 13°21 | 25°51 | 6°56 | 23° 8 | 15°39 | 16° 0 | 15°10 | 29°38 | 3° 2 | F 23 |
| S 24 | 0 13 34 | 1°35'38 | 0♏43 | 22°R51 | 17°34 | 11° 1 | 13°28 | 25°56 | 6°55 | 23° 9 | 15°40 | 15°58 | 15° 7 | 29°45 | 2°59 | S 24 |
| S 25 | 0 17 31 | 2°34'12 | 14° 4 | 22°46 | 18°28 | 11°40 | 13°35 | 26° 1 | 6°54 | 23°11 | 15°40 | 15°56 | 15° 4 | 29°51 | 2°57 | S 25 |
| M26 | 0 21 27 | 3°32'49 | 27° 3 | 22°36 | 19°22 | 12°19 | 13°41 | 26° 5 | 6°53 | 23°13 | 15°41 | 15°53 | 15° 1 | 29°58 | 2°54 | M26 |
| T 27 | 0 25 24 | 4°31'27 | 9♐41 | 22°18 | 20°15 | 12°58 | 13°48 | 26° 9 | 6°52 | 23°15 | 15°41 | 15°51 | 14°58 | 0♒ 5 | 2°52 | T 27 |
| W28 | 0 29 20 | 5°30'07 | 22° 1 | 21°53 | 21° 8 | 13°37 | 13°55 | 26°14 | 6°51 | 23°17 | 15°41 | 15°50 | 14°55 | 0°11 | 2°49 | W28 |
| T 29 | 0 33 17 | 6°28'48 | 4♑ 6 | 21°21 | 22° 0 | 14°16 | 14° 1 | 26°18 | 6°50 | 23°18 | 15°42 | 15°D49 | 14°51 | 0°18 | 2°47 | T 29 |
| F 30 | 0 37 13 | 7♎27'31 | 16♑ 2 | 20♎42 | 22♏51 | 14♎55 | 14♋ 7 | 26♋22 | 6♒49 | 23♑20 | 15♋42 | 15♓49 | 14♓48 | 0♒25 | 2♉44 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 8n 4 | 28s32 | 5s12 | 2s48 | 1s 3 | 10s54 | 1s25 | 2n17 | 0n51 | 22n43 | 0s17 | 20n58 | 0s19 | 18s59 | 0s39 | 14n10 | 0n10 | 19n 1 | 3s30 | 5s30 | 5s23 | 24s30 | 12n41 | 0s 2 | T 1 |
| F 2 | 7 43 | 28 3 | 4 54 | 3 27 | 1 12 | 11 23 | 1 30 | 2 1 | 0 51 | 22 42 | 0 17 | 20 57 | 0 19 | 19 0 | 0 39 | 14 10 | 0 10 | 19 1 | 3 30 | 5 30 | 5 24 | 24 28 | 12 41 | 0 2 | F 2 |
| S 3 | 7 21 | 26 17 | 4 24 | 4 5 | 1 21 | 11 50 | 1 36 | 1 45 | 0 50 | 22 41 | 0 17 | 20 56 | 0 19 | 19 0 | 0 39 | 14 9 | 0 10 | 19 1 | 3 30 | 5 30 | 5 25 | 24 26 | 12 40 | 0 3 | S 3 |
| S 4 | 6 59 | 23 22 | 3 42 | 4 42 | 1 30 | 12 18 | 1 41 | 1 30 | 0 50 | 22 40 | 0 17 | 20 55 | 0 19 | 19 0 | 0 39 | 14 8 | 0 10 | 19 1 | 3 30 | 5 30 | 5 26 | 24 24 | 12 40 | 0 3 | S 4 |
| M 5 | 6 37 | 19 28 | 2 51 | 5 19 | 1 39 | 12 45 | 1 47 | 1 14 | 0 49 | 22 40 | 0 17 | 20 54 | 0 19 | 19 1 | 0 39 | 14 8 | 0 10 | 19 1 | 3 30 | 5 30 | 5 28 | 24 22 | 12 39 | 0 3 | M 5 |
| T 6 | 6 14 | 14 45 | 1 51 | 5 54 | 1 49 | 13 12 | 1 52 | 0 59 | 0 49 | 22 39 | 0 17 | 20 53 | 0 19 | 19 1 | 0 39 | 14 7 | 0 10 | 19 1 | 3 30 | 5 30 | 5 29 | 24 20 | 12 38 | 0 3 | T 6 |
| W 7 | 5 52 | 9 25 | 0 46 | 6 29 | 1 58 | 13 39 | 1 58 | 0 43 | 0 48 | 22 38 | 0 17 | 20 53 | 0 19 | 19 2 | 0 39 | 14 6 | 0 10 | 19 1 | 3 30 | 5 31 | 5 30 | 24 18 | 12 38 | 0 3 | W 7 |
| T 8 | 5 30 | 3 40 | 0n22 | 7 3 | 2 7 | 14 6 | 2 3 | 0 27 | 0 48 | 22 38 | 0 17 | 20 52 | 0 19 | 19 2 | 0 39 | 14 6 | 0 10 | 19 0 | 3 30 | 5 31 | 5 31 | 24 17 | 12 37 | 0 3 | T 8 |
| F 9 | 5 7 | 2n19 | 1 30 | 7 36 | 2 16 | 14 32 | 2 9 | 0 12 | 0 48 | 22 37 | 0 17 | 20 51 | 0 19 | 19 3 | 0 39 | 14 5 | 0 10 | 19 0 | 3 30 | 5 31 | 5 33 | 24 15 | 12 37 | 0 3 | F 9 |
| S 10 | 4 44 | 8 17 | 2 34 | 8 7 | 2 25 | 14 58 | 2 15 | 0s 4 | 0 47 | 22 36 | 0 17 | 20 50 | 0 19 | 19 3 | 0 39 | 14 4 | 0 10 | 19 0 | 3 30 | 5 31 | 5 34 | 24 13 | 12 36 | 0 3 | S 10 |
| S 11 | 4 22 | 14 2 | 3 32 | 8 37 | 2 33 | 15 24 | 2 20 | 0 20 | 0 47 | 22 35 | 0 17 | 20 49 | 0 19 | 19 3 | 0 39 | 14 4 | 0 10 | 19 0 | 3 30 | 5 31 | 5 35 | 24 11 | 12 35 | 0 3 | S 11 |
| M12 | 3 59 | 19 15 | 4 20 | 9 6 | 2 42 | 15 49 | 2 26 | 0 35 | 0 46 | 22 35 | 0 17 | 20 48 | 0 19 | 19 4 | 0 39 | 14 3 | 0 10 | 19 0 | 3 30 | 5 31 | 5 36 | 24 9 | 12 34 | 0 3 | M12 |
| T 13 | 3 36 | 23 37 | 4 55 | 9 34 | 2 50 | 16 14 | 2 32 | 0 51 | 0 46 | 22 34 | 0 17 | 20 47 | 0 19 | 19 4 | 0 39 | 14 2 | 0 10 | 19 0 | 3 31 | 5 31 | 5 38 | 24 7 | 12 34 | 0 3 | T 13 |
| W14 | 3 13 | 26 47 | 5 14 | 10 0 | 2 59 | 16 39 | 2 38 | 1 7 | 0 45 | 22 33 | 0 17 | 20 46 | 0 19 | 19 4 | 0 39 | 14 2 | 0 10 | 19 0 | 3 31 | 5 31 | 5 39 | 24 5 | 12 33 | 0 3 | W14 |
| T 15 | 2 50 | 28 23 | 5 15 | 10 25 | 3 7 | 17 4 | 2 43 | 1 22 | 0 45 | 22 33 | 0 17 | 20 45 | 0 18 | 19 5 | 0 39 | 14 1 | 0 10 | 19 0 | 3 31 | 5 31 | 5 40 | 24 3 | 12 32 | 0 4 | T 15 |
| F 16 | 2 27 | 28 12 | 4 58 | 10 48 | 3 14 | 17 28 | 2 49 | 1 38 | 0 44 | 22 32 | 0 17 | 20 44 | 0 18 | 19 5 | 0 39 | 14 0 | 0 10 | 19 0 | 3 31 | 5 31 | 5 41 | 24 1 | 12 31 | 0 4 | F 16 |
| S 17 | 2 4 | 26 9 | 4 22 | 11 9 | 3 21 | 17 52 | 2 55 | 1 54 | 0 44 | 22 31 | 0 17 | 20 43 | 0 18 | 19 6 | 0 39 | 14 0 | 0 10 | 19 0 | 3 31 | 5 31 | 5 42 | 23 59 | 12 31 | 0 4 | S 17 |
| S 18 | 1 41 | 22 22 | 3 28 | 11 28 | 3 28 | 18 15 | 3 1 | 2 9 | 0 44 | 22 31 | 0 16 | 20 42 | 0 18 | 19 6 | 0 39 | 13 59 | 0 10 | 18 59 | 3 31 | 5 31 | 5 44 | 23 57 | 12 30 | 0 4 | S 18 |
| M19 | 1 18 | 17 10 | 2 22 | 11 45 | 3 35 | 18 38 | 3 6 | 2 25 | 0 43 | 22 30 | 0 16 | 20 41 | 0 18 | 19 6 | 0 39 | 13 59 | 0 10 | 18 59 | 3 31 | 5 30 | 5 45 | 23 55 | 12 29 | 0 4 | M19 |
| T 20 | 0 55 | 11 0 | 1 5 | 12 0 | 3 40 | 19 1 | 3 12 | 2 41 | 0 43 | 22 29 | 0 16 | 20 41 | 0 18 | 19 6 | 0 39 | 13 58 | 0 10 | 18 59 | 3 31 | 5 30 | 5 46 | 23 53 | 12 28 | 0 4 | T 20 |
| W21 | 0 32 | 4 16 | 0s14 | 12 12 | 3 45 | 19 23 | 3 18 | 2 56 | 0 42 | 22 28 | 0 16 | 20 40 | 0 18 | 19 7 | 0 39 | 13 57 | 0 10 | 18 59 | 3 31 | 5 30 | 5 47 | 23 51 | 12 27 | 0 4 | W21 |
| T 22 | 0 9 | 2s35 | 1 32 | 12 21 | 3 50 | 19 45 | 3 24 | 3 12 | 0 42 | 22 28 | 0 16 | 20 39 | 0 18 | 19 7 | 0 39 | 13 57 | 0 10 | 18 59 | 3 31 | 5 30 | 5 49 | 23 49 | 12 27 | 0 4 | T 22 |
| F 23 | 0s15 | 9 10 | 2 43 | 12 28 | 3 53 | 20 7 | 3 29 | 3 28 | 0 41 | 22 27 | 0 16 | 20 38 | 0 18 | 19 7 | 0 39 | 13 56 | 0 10 | 18 59 | 3 31 | 5 31 | 5 50 | 23 47 | 12 26 | 0 4 | F 23 |
| S 24 | 0 38 | 15 10 | 3 43 | 12 31 | 3 56 | 20 28 | 3 35 | 3 43 | 0 41 | 22 27 | 0 16 | 20 37 | 0 18 | 19 8 | 0 38 | 13 56 | 0 10 | 18 59 | 3 31 | 5 31 | 5 51 | 23 45 | 12 25 | 0 4 | S 24 |
| S 25 | 1 1 | 20 17 | 4 28 | 12 31 | 3 58 | 20 49 | 3 41 | 3 59 | 0 40 | 22 26 | 0 16 | 20 37 | 0 18 | 19 8 | 0 38 | 13 55 | 0 10 | 18 59 | 3 31 | 5 32 | 5 52 | 23 43 | 12 24 | 0 4 | S 25 |
| M26 | 1 24 | 24 18 | 4 59 | 12 27 | 3 58 | 21 9 | 3 46 | 4 15 | 0 40 | 22 25 | 0 16 | 20 36 | 0 18 | 19 8 | 0 38 | 13 54 | 0 10 | 18 59 | 3 31 | 5 33 | 5 53 | 23 41 | 12 23 | 0 5 | M26 |
| T 27 | 1 48 | 27 1 | 5 14 | 12 20 | 3 57 | 21 29 | 3 52 | 4 30 | 0 39 | 22 25 | 0 16 | 20 35 | 0 18 | 19 8 | 0 38 | 13 54 | 0 10 | 18 59 | 3 31 | 5 34 | 5 55 | 23 39 | 12 22 | 0 5 | T 27 |
| W28 | 2 11 | 28 22 | 5 13 | 12 8 | 3 55 | 21 49 | 3 57 | 4 46 | 0 39 | 22 24 | 0 16 | 20 34 | 0 18 | 19 8 | 0 38 | 13 53 | 0 10 | 18 59 | 3 31 | 5 35 | 5 56 | 23 36 | 12 21 | 0 5 | W28 |
| T 29 | 2 34 | 28 19 | 4 59 | 11 53 | 3 51 | 22 8 | 4 3 | 5 1 | 0 38 | 22 23 | 0 16 | 20 34 | 0 18 | 19 9 | 0 38 | 13 53 | 0 10 | 18 58 | 3 31 | 5 35 | 5 57 | 23 34 | 12 20 | 0 5 | T 29 |
| F 30 | 2s57 | 26s56 | 4s33 | 11s33 | 3s45 | 22s27 | 4s 8 | 5s17 | 0n38 | 22n23 | 0s16 | 20n33 | 0s18 | 19s 9 | 0s38 | 13n52 | 0n10 | 18n58 | 3s31 | 5s35 | 5s58 | 23s32 | 12n19 | 0s 5 | F 30 |

Julian Day Number = 2603729.5, Delta T = 09m26s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°33'56, Lahiri = 29°40'58


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## OCTOBER 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 41 10 | 8♎26'16 | 27♉54 | 19°R56 | 23♏42 | 15♎34 | 14♋13 | 26♋26 | 6°R49 | 23♑22 | 15♋43 | 15♓50 | 14♓45 | 0♒31 | 2°R42 | S 1 |
| S 2 | 0 45 7 | 9°25'02 | 9♒45 | 19♎ 4 | 24°32 | 16°13 | 14°19 | 26°30 | 6♒48 | 23°23 | 15°43 | 15°52 | 14°42 | 0°38 | 2♉39 | S 2 |
| M 3 | 0 49 3 | 10°23'51 | 21°41 | 18° 6 | 25°21 | 16°52 | 14°25 | 26°34 | 6°47 | 23°25 | 15°43 | 15°54 | 14°39 | 0°45 | 2°37 | M 3 |
| T 4 | 0 53 0 | 11°22'40 | 3♓45 | 17° 4 | 26°10 | 17°32 | 14°31 | 26°38 | 6°47 | 23°27 | 15°44 | 15°55 | 14°35 | 0°51 | 2°34 | T 4 |
| W 5 | 0 56 56 | 12°21'32 | 16° 1 | 15°58 | 26°58 | 18°11 | 14°36 | 26°42 | 6°46 | 23°28 | 15°44 | 15°R56 | 14°32 | 0°58 | 2°31 | W 5 |
| T 6 | 1 0 53 | 13°20'25 | 28°32 | 14°50 | 27°45 | 18°50 | 14°41 | 26°45 | 6°46 | 23°30 | 15°44 | 15°55 | 14°29 | 1° 5 | 2°29 | T 6 |
| F 7 | 1 4 49 | 14°19'21 | 11♈19 | 13°42 | 28°31 | 19°29 | 14°46 | 26°49 | 6°45 | 23°31 | 15°44 | 15°53 | 14°26 | 1°11 | 2°26 | F 7 |
| S 8 | 1 8 46 | 15°18'18 | 24°22 | 12°36 | 29°16 | 20° 9 | 14°51 | 26°52 | 6°45 | 23°33 | 15°44 | 15°50 | 14°23 | 1°18 | 2°23 | S 8 |
| S 9 | 1 12 42 | 16°17'18 | 7♉40 | 11°33 | 0♐ 1 | 20°48 | 14°56 | 26°56 | 6°44 | 23°34 | 15°45 | 15°45 | 14°20 | 1°25 | 2°21 | S 9 |
| M10 | 1 16 39 | 17°16'19 | 21°13 | 10°35 | 0°44 | 21°28 | 15° 1 | 26°59 | 6°44 | 23°36 | 15°45 | 15°40 | 14°16 | 1°31 | 2°18 | M10 |
| T 11 | 1 20 36 | 18°15'23 | 4♊58 | 9°44 | 1°27 | 22° 7 | 15° 5 | 27° 2 | 6°44 | 23°37 | 15°45 | 15°35 | 14°13 | 1°38 | 2°15 | T 11 |
| W12 | 1 24 32 | 19°14'29 | 18°52 | 9° 1 | 2° 8 | 22°47 | 15° 9 | 27° 5 | 6°43 | 23°39 | 15°45 | 15°31 | 14°10 | 1°45 | 2°12 | W12 |
| T 13 | 1 28 29 | 20°13'38 | 2♋53 | 8°28 | 2°49 | 23°26 | 15°13 | 27° 8 | 6°43 | 23°40 | 15°45 | 15°28 | 14° 7 | 1°51 | 2° 9 | T 13 |
| F 14 | 1 32 25 | 21°12'49 | 17° 0 | 8° 4 | 3°28 | 24° 6 | 15°17 | 27°11 | 6°43 | 23°42 | 15°45 | 15°D27 | 14° 4 | 1°58 | 2° 7 | F 14 |
| S 15 | 1 36 22 | 22°12'02 | 1♌10 | 7°51 | 4° 6 | 24°45 | 15°21 | 27°14 | 6°43 | 23°43 | 15°45 | 15°27 | 14° 1 | 2° 5 | 2° 4 | S 15 |
| S 16 | 1 40 18 | 23°11'17 | 15°21 | 7°D48 | 4°43 | 25°25 | 15°24 | 27°16 | 6°D43 | 23°44 | 15°R45 | 15°29 | 13°57 | 2°12 | 2° 1 | S 16 |
| M17 | 1 44 15 | 24°10'35 | 29°32 | 7°57 | 5°19 | 26° 5 | 15°28 | 27°19 | 6°43 | 23°46 | 15°45 | 15°30 | 13°54 | 2°18 | 1°58 | M17 |
| T 18 | 1 48 11 | 25° 9'54 | 13♍41 | 8°16 | 5°53 | 26°45 | 15°31 | 27°21 | 6°43 | 23°47 | 15°45 | 15°R31 | 13°51 | 2°25 | 1°55 | T 18 |
| W19 | 1 52 8 | 26° 9'16 | 27°44 | 8°45 | 6°27 | 27°24 | 15°34 | 27°24 | 6°43 | 23°48 | 15°45 | 15°30 | 13°48 | 2°32 | 1°52 | W19 |
| T 20 | 1 56 5 | 27° 8'41 | 11♎39 | 9°23 | 6°58 | 28° 4 | 15°36 | 27°26 | 6°43 | 23°49 | 15°45 | 15°28 | 13°45 | 2°38 | 1°49 | T 20 |
| F 21 | 2 0 1 | 28° 8'07 | 25°23 | 10°10 | 7°29 | 28°44 | 15°39 | 27°28 | 6°44 | 23°51 | 15°45 | 15°23 | 13°41 | 2°45 | 1°47 | F 21 |
| S 22 | 2 3 58 | 29° 7'35 | 8♏52 | 11° 5 | 7°58 | 29°24 | 15°41 | 27°30 | 6°44 | 23°52 | 15°45 | 15°16 | 13°38 | 2°52 | 1°44 | S 22 |
| S 23 | 2 7 54 | 0♏ 7'06 | 22° 5 | 12° 7 | 8°25 | 0♏ 4 | 15°44 | 27°32 | 6°44 | 23°53 | 15°44 | 15° 9 | 13°35 | 2°58 | 1°41 | S 23 |
| M24 | 2 11 51 | 1° 6'38 | 4♐59 | 13°15 | 8°51 | 0°44 | 15°46 | 27°34 | 6°45 | 23°54 | 15°44 | 15° 0 | 13°32 | 3° 5 | 1°38 | M24 |
| T 25 | 2 15 47 | 2° 6'12 | 17°34 | 14°29 | 9°15 | 1°24 | 15°47 | 27°35 | 6°45 | 23°55 | 15°44 | 14°52 | 13°29 | 3°12 | 1°35 | T 25 |
| W26 | 2 19 44 | 3° 5'48 | 29°54 | 15°47 | 9°37 | 2° 4 | 15°49 | 27°37 | 6°46 | 23°56 | 15°44 | 14°46 | 13°26 | 3°18 | 1°32 | W26 |
| T 27 | 2 23 40 | 4° 5'26 | 11♉59 | 17°10 | 9°57 | 2°44 | 15°50 | 27°38 | 6°46 | 23°57 | 15°44 | 14°41 | 13°22 | 3°25 | 1°29 | T 27 |
| F 28 | 2 27 37 | 5° 5'06 | 23°55 | 18°36 | 10°16 | 3°24 | 15°52 | 27°40 | 6°47 | 23°58 | 15°43 | 14°38 | 13°19 | 3°32 | 1°26 | F 28 |
| S 29 | 2 31 34 | 6° 4'47 | 5♒45 | 20° 5 | 10°32 | 4° 4 | 15°53 | 27°41 | 6°47 | 23°59 | 15°43 | 14°D38 | 13°16 | 3°38 | 1°23 | S 29 |
| S 30 | 2 35 30 | 7° 4'30 | 17°35 | 21°37 | 10°47 | 4°44 | 15°53 | 27°42 | 6°48 | 24° 0 | 15°43 | 14°38 | 13°13 | 3°45 | 1°20 | S 30 |
| M31 | 2 39 27 | 8♏ 4'14 | 29♒31 | 23♎10 | 11♐ 0 | 5♏25 | 15♋54 | 27♋43 | 6♒49 | 24♑ 1 | 15♋42 | 14♓39 | 13♓10 | 3♒52 | 1♉18 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 3s20 | 24s22 | 3s54 | 11s 9 | 3s38 | 22s45 | 4s14 | 5s32 | 0n37 | 22n22 | 0s16 | 20n32 | 0s17 | 19s 9 | 0s38 | 13n52 | 0n10 | 18n58 | 3s31 | 5s34 | 6s 0 | 23s30 | 12n18 | 0s 5 | S 1 |
| S 2 | 3 43 | 20 45 | 3 6 | 10 40 | 3 29 | 23 3 | 4 19 | 5 48 | 0 37 | 22 22 | 0 16 | 20 31 | 0 17 | 19 9 | 0 38 | 13 51 | 0 10 | 18 58 | 3 31 | 5 34 | 6 1 | 23 28 | 12 17 | 0 5 | S 2 |
| M 3 | 4 6 | 16 17 | 2 9 | 10 8 | 3 18 | 23 20 | 4 24 | 6 3 | 0 36 | 22 21 | 0 15 | 20 31 | 0 17 | 19 9 | 0 38 | 13 50 | 0 10 | 18 58 | 3 31 | 5 33 | 6 2 | 23 26 | 12 16 | 0 5 | M 3 |
| T 4 | 4 29 | 11 9 | 1 6 | 9 32 | 3 5 | 23 37 | 4 29 | 6 19 | 0 36 | 22 21 | 0 15 | 20 30 | 0 17 | 19 9 | 0 38 | 13 50 | 0 10 | 18 58 | 3 31 | 5 33 | 6 3 | 23 24 | 12 15 | 0 5 | T 4 |
| W 5 | 4 52 | 5 30 | 0n 1 | 8 53 | 2 50 | 23 53 | 4 35 | 6 34 | 0 35 | 22 20 | 0 15 | 20 29 | 0 17 | 19 9 | 0 38 | 13 49 | 0 10 | 18 58 | 3 31 | 5 32 | 6 4 | 23 22 | 12 14 | 0 5 | W 5 |
| T 6 | 5 15 | 0n28 | 1 9 | 8 11 | 2 33 | 24 9 | 4 40 | 6 49 | 0 35 | 22 20 | 0 15 | 20 29 | 0 17 | 19 10 | 0 38 | 13 49 | 0 10 | 18 58 | 3 31 | 5 33 | 6 6 | 23 20 | 12 13 | 0 5 | T 6 |
| F 7 | 5 38 | 6 32 | 2 15 | 7 29 | 2 15 | 24 24 | 4 45 | 7 5 | 0 35 | 22 19 | 0 15 | 20 28 | 0 17 | 19 10 | 0 38 | 13 48 | 0 10 | 18 58 | 3 31 | 5 33 | 6 7 | 23 18 | 12 12 | 0 5 | F 7 |
| S 8 | 6 1 | 12 27 | 3 15 | 6 45 | 1 56 | 24 39 | 4 49 | 7 20 | 0 34 | 22 19 | 0 15 | 20 28 | 0 17 | 19 10 | 0 38 | 13 48 | 0 10 | 18 58 | 3 31 | 5 35 | 6 8 | 23 15 | 12 11 | 0 6 | S 8 |
| S 9 | 6 24 | 17 55 | 4 6 | 6 2 | 1 36 | 24 54 | 4 54 | 7 35 | 0 34 | 22 18 | 0 15 | 20 27 | 0 17 | 19 10 | 0 38 | 13 47 | 0 10 | 18 58 | 3 31 | 5 36 | 6 9 | 23 13 | 12 10 | 0 6 | S 9 |
| M10 | 6 46 | 22 35 | 4 44 | 5 21 | 1 16 | 25 8 | 4 59 | 7 50 | 0 33 | 22 18 | 0 15 | 20 26 | 0 17 | 19 10 | 0 38 | 13 47 | 0 10 | 18 58 | 3 31 | 5 38 | 6 11 | 23 11 | 12 9 | 0 6 | M10 |
| T 11 | 7 9 | 26 6 | 5 6 | 4 42 | 0 56 | 25 21 | 5 3 | 8 6 | 0 33 | 22 17 | 0 15 | 20 26 | 0 17 | 19 10 | 0 38 | 13 47 | 0 10 | 18 58 | 3 31 | 5 40 | 6 12 | 23 9 | 12 8 | 0 6 | T 11 |
| W12 | 7 31 | 28 5 | 5 11 | 4 7 | 0 35 | 25 34 | 5 8 | 8 21 | 0 32 | 22 17 | 0 15 | 20 25 | 0 17 | 19 10 | 0 38 | 13 46 | 0 10 | 18 58 | 3 31 | 5 42 | 6 13 | 23 7 | 12 7 | 0 6 | W12 |
| T 13 | 7 53 | 28 19 | 4 57 | 3 35 | 0 16 | 25 46 | 5 12 | 8 36 | 0 32 | 22 17 | 0 15 | 20 25 | 0 17 | 19 10 | 0 38 | 13 46 | 0 10 | 18 58 | 3 31 | 5 43 | 6 14 | 23 5 | 12 6 | 0 6 | T 13 |
| F 14 | 8 15 | 26 42 | 4 26 | 3 8 | 0n 3 | 25 58 | 5 16 | 8 51 | 0 31 | 22 16 | 0 15 | 20 24 | 0 17 | 19 10 | 0 38 | 13 45 | 0 10 | 18 58 | 3 31 | 5 43 | 6 15 | 23 3 | 12 5 | 0 6 | F 14 |
| S 15 | 8 38 | 23 24 | 3 38 | 2 47 | 0 21 | 26 10 | 5 20 | 9 6 | 0 31 | 22 16 | 0 15 | 20 24 | 0 17 | 19 10 | 0 38 | 13 45 | 0 10 | 18 58 | 3 31 | 5 43 | 6 17 | 23 0 | 12 4 | 0 6 | S 15 |
| S 16 | 9 0 | 18 42 | 2 37 | 2 31 | 0 38 | 26 20 | 5 24 | 9 21 | 0 30 | 22 16 | 0 15 | 20 23 | 0 16 | 19 10 | 0 38 | 13 44 | 0 10 | 18 58 | 3 31 | 5 43 | 6 18 | 22 58 | 12 3 | 0 6 | S 16 |
| M17 | 9 21 | 12 57 | 1 26 | 2 20 | 0 53 | 26 31 | 5 28 | 9 35 | 0 30 | 22 15 | 0 15 | 20 23 | 0 16 | 19 10 | 0 38 | 13 44 | 0 10 | 18 58 | 3 31 | 5 42 | 6 19 | 22 56 | 12 2 | 0 6 | M17 |
| T 18 | 9 43 | 6 34 | 0 10 | 2 15 | 1 6 | 26 40 | 5 31 | 9 50 | 0 29 | 22 15 | 0 14 | 20 23 | 0 16 | 19 10 | 0 38 | 13 44 | 0 10 | 18 58 | 3 31 | 5 42 | 6 20 | 22 54 | 12 1 | 0 6 | T 18 |
| W19 | 10 5 | 0s 7 | 1s 6 | 2 16 | 1 18 | 26 50 | 5 34 | 10 5 | 0 29 | 22 15 | 0 14 | 20 22 | 0 16 | 19 10 | 0 38 | 13 43 | 0 10 | 18 58 | 3 31 | 5 42 | 6 22 | 22 52 | 12 0 | 0 7 | W19 |
| T 20 | 10 26 | 6 42 | 2 17 | 2 21 | 1 29 | 26 58 | 5 37 | 10 20 | 0 28 | 22 14 | 0 14 | 20 22 | 0 16 | 19 10 | 0 38 | 13 43 | 0 10 | 18 58 | 3 31 | 5 43 | 6 23 | 22 50 | 11 59 | 0 7 | T 20 |
| F 21 | 10 47 | 12 53 | 3 19 | 2 31 | 1 38 | 27 6 | 5 40 | 10 34 | 0 28 | 22 14 | 0 14 | 20 22 | 0 16 | 19 10 | 0 38 | 13 42 | 0 10 | 18 58 | 3 32 | 5 45 | 6 24 | 22 47 | 11 58 | 0 7 | F 21 |
| S 22 | 11 8 | 18 21 | 4 8 | 2 45 | 1 45 | 27 14 | 5 43 | 10 49 | 0 27 | 22 14 | 0 14 | 20 21 | 0 16 | 19 10 | 0 38 | 13 42 | 0 10 | 18 58 | 3 32 | 5 48 | 6 25 | 22 45 | 11 57 | 0 7 | S 22 |
| S 23 | 11 29 | 22 48 | 4 43 | 3 4 | 1 51 | 27 20 | 5 45 | 11 3 | 0 27 | 22 14 | 0 14 | 20 21 | 0 16 | 19 9 | 0 38 | 13 42 | 0 10 | 18 58 | 3 32 | 5 51 | 6 26 | 22 43 | 11 55 | 0 7 | S 23 |
| M24 | 11 50 | 26 3 | 5 3 | 3 26 | 1 56 | 27 27 | 5 47 | 11 18 | 0 26 | 22 14 | 0 14 | 20 21 | 0 16 | 19 9 | 0 38 | 13 41 | 0 10 | 18 58 | 3 32 | 5 54 | 6 28 | 22 41 | 11 54 | 0 7 | M24 |
| T 25 | 12 11 | 27 54 | 5 7 | 3 51 | 2 0 | 27 32 | 5 49 | 11 32 | 0 25 | 22 14 | 0 14 | 20 20 | 0 16 | 19 9 | 0 38 | 13 41 | 0 10 | 18 58 | 3 32 | 5 57 | 6 29 | 22 38 | 11 53 | 0 7 | T 25 |
| W26 | 12 31 | 28 20 | 4 57 | 4 19 | 2 2 | 27 37 | 5 51 | 11 46 | 0 25 | 22 13 | 0 14 | 20 20 | 0 16 | 19 9 | 0 38 | 13 41 | 0 10 | 18 58 | 3 32 | 5 59 | 6 30 | 22 36 | 11 52 | 0 7 | W26 |
| T 27 | 12 51 | 27 24 | 4 34 | 4 50 | 2 3 | 27 42 | 5 52 | 12 1 | 0 24 | 22 13 | 0 14 | 20 20 | 0 16 | 19 9 | 0 38 | 13 40 | 0 10 | 18 58 | 3 32 | 6 1 | 6 31 | 22 34 | 11 51 | 0 7 | T 27 |
| F 28 | 13 11 | 25 12 | 3 59 | 5 22 | 2 4 | 27 45 | 5 53 | 12 15 | 0 24 | 22 13 | 0 14 | 20 20 | 0 16 | 19 9 | 0 38 | 13 40 | 0 10 | 18 58 | 3 32 | 6 2 | 6 33 | 22 32 | 11 50 | 0 7 | F 28 |
| S 29 | 13 31 | 21 55 | 3 14 | 5 56 | 2 3 | 27 48 | 5 53 | 12 29 | 0 23 | 22 13 | 0 14 | 20 20 | 0 16 | 19 8 | 0 38 | 13 40 | 0 10 | 18 58 | 3 32 | 6 2 | 6 34 | 22 30 | 11 49 | 0 7 | S 29 |
| S 30 | 13 51 | 17 45 | 2 20 | 6 31 | 2 2 | 27 51 | 5 53 | 12 43 | 0 23 | 22 13 | 0 14 | 20 19 | 0 16 | 19 8 | 0 38 | 13 39 | 0 10 | 18 58 | 3 32 | 6 2 | 6 35 | 22 27 | 11 48 | 0 7 | S 30 |
| M31 | 14s10 | 12s53 | 1s21 | 7s 8 | 2n 0 | 27s52 | 5s53 | 12s57 | 0n22 | 22n13 | 0s13 | 20n19 | 0s15 | 19s 8 | 0s38 | 13n39 | 0n10 | 18n58 | 3s32 | 6s 2 | 6s36 | 22s25 | 11n47 | 0s 8 | M31 |

Julian Day Number = 2603759.5, Delta T = 09m27s
Ecliptic obliquity = 23°23'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'00, Lahiri = 29°41'02


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## NOVEMBER 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 43 23 | 9♏ 4'00 | 11♓37 | 24♎45 | 11♐10 | 6♏ 5 | 15♋54 | 27♋44 | 6♒50 | 24♑ 2 | 15°R42 | 14°R40 | 13♓ 7 | 3♒58 | 1°R15 | T 1 |
| W 2 | 2 47 20 | 10° 3'48 | 23°58 | 26°22 | 11°18 | 6°45 | 15°55 | 27°45 | 6°51 | 24° 3 | 15♋42 | 14♓40 | 13° 3 | 4° 5 | 1♉12 | W 2 |
| T 3 | 2 51 16 | 11° 3'37 | 6♈38 | 27°59 | 11°24 | 7°25 | 15°R55 | 27°45 | 6°51 | 24° 3 | 15°41 | 14°37 | 13° 0 | 4°12 | 1° 9 | T 3 |
| F 4 | 2 55 13 | 12° 3'29 | 19°38 | 29°37 | 11°28 | 8° 6 | 15°54 | 27°46 | 6°52 | 24° 4 | 15°41 | 14°32 | 12°57 | 4°18 | 1° 6 | F 4 |
| S 5 | 2 59 9 | 13° 3'22 | 3♉ 1 | 1♏15 | 11°R29 | 8°46 | 15°54 | 27°46 | 6°53 | 24° 5 | 15°40 | 14°25 | 12°54 | 4°25 | 1° 3 | S 5 |
| S 6 | 3 3 6 | 14° 3'17 | 16°44 | 2°54 | 11°28 | 9°27 | 15°53 | 27°47 | 6°54 | 24° 5 | 15°40 | 14°16 | 12°51 | 4°32 | 1° 1 | S 6 |
| M 7 | 3 7 3 | 15° 3'14 | 0♊45 | 4°33 | 11°24 | 10° 7 | 15°53 | 27°47 | 6°56 | 24° 6 | 15°39 | 14° 6 | 12°47 | 4°38 | 0°58 | M 7 |
| T 8 | 3 10 59 | 16° 3'13 | 14°58 | 6°13 | 11°18 | 10°48 | 15°52 | 27°47 | 6°57 | 24° 7 | 15°39 | 13°56 | 12°44 | 4°45 | 0°55 | T 8 |
| W 9 | 3 14 56 | 17° 3'14 | 29°18 | 7°52 | 11°10 | 11°28 | 15°50 | 27°R47 | 6°58 | 24° 7 | 15°38 | 13°47 | 12°41 | 4°52 | 0°52 | W 9 |
| T 10 | 3 18 52 | 18° 3'17 | 13♋40 | 9°31 | 10°59 | 12° 9 | 15°49 | 27°47 | 6°59 | 24° 8 | 15°38 | 13°40 | 12°38 | 4°58 | 0°49 | T 10 |
| F 11 | 3 22 49 | 19° 3'22 | 27°58 | 11°10 | 10°46 | 12°49 | 15°48 | 27°47 | 7° 0 | 24° 8 | 15°37 | 13°36 | 12°35 | 5° 5 | 0°47 | F 11 |
| S 12 | 3 26 45 | 20° 3'30 | 12♌11 | 12°49 | 10°30 | 13°30 | 15°46 | 27°47 | 7° 2 | 24° 9 | 15°37 | 13°34 | 12°32 | 5°12 | 0°44 | S 12 |
| S 13 | 3 30 42 | 21° 3'39 | 26°16 | 14°27 | 10°12 | 14°11 | 15°44 | 27°46 | 7° 3 | 24° 9 | 15°36 | 13°D34 | 12°28 | 5°18 | 0°41 | S 13 |
| M14 | 3 34 38 | 22° 3'50 | 10♍12 | 16° 6 | 9°52 | 14°52 | 15°42 | 27°46 | 7° 5 | 24°10 | 15°35 | 13°R35 | 12°25 | 5°25 | 0°39 | M14 |
| T 15 | 3 38 35 | 23° 4'03 | 23°59 | 17°44 | 9°30 | 15°32 | 15°39 | 27°45 | 7° 6 | 24°10 | 15°35 | 13°34 | 12°22 | 5°32 | 0°36 | T 15 |
| W16 | 3 42 32 | 24° 4'19 | 7♎38 | 19°21 | 9° 5 | 16°13 | 15°37 | 27°44 | 7° 8 | 24°11 | 15°34 | 13°32 | 12°19 | 5°38 | 0°33 | W16 |
| T 17 | 3 46 28 | 25° 4'36 | 21° 7 | 20°59 | 8°39 | 16°54 | 15°34 | 27°43 | 7° 9 | 24°11 | 15°33 | 13°27 | 12°16 | 5°45 | 0°31 | T 17 |
| F 18 | 3 50 25 | 26° 4'55 | 4♏26 | 22°36 | 8°10 | 17°35 | 15°31 | 27°42 | 7°11 | 24°11 | 15°33 | 13°19 | 12°13 | 5°52 | 0°28 | F 18 |
| S 19 | 3 54 21 | 27° 5'16 | 17°34 | 24°12 | 7°40 | 18°16 | 15°28 | 27°41 | 7°12 | 24°11 | 15°32 | 13° 8 | 12° 9 | 5°59 | 0°26 | S 19 |
| S 20 | 3 58 18 | 28° 5'39 | 0♐30 | 25°49 | 7° 9 | 18°57 | 15°24 | 27°40 | 7°14 | 24°12 | 15°31 | 12°55 | 12° 6 | 6° 5 | 0°23 | S 20 |
| M21 | 4 2 14 | 29° 6'03 | 13°11 | 27°25 | 6°36 | 19°38 | 15°21 | 27°39 | 7°16 | 24°12 | 15°30 | 12°42 | 12° 3 | 6°12 | 0°21 | M21 |
| T 22 | 4 6 11 | 0♐ 6'30 | 25°39 | 29° 1 | 6° 2 | 20°19 | 15°17 | 27°37 | 7°18 | 24°12 | 15°30 | 12°29 | 12° 0 | 6°19 | 0°18 | T 22 |
| W23 | 4 10 7 | 1° 6'57 | 7♑53 | 0♐37 | 5°27 | 21° 1 | 15°13 | 27°36 | 7°20 | 24°12 | 15°29 | 12°17 | 11°57 | 6°25 | 0°16 | W23 |
| T 24 | 4 14 4 | 2° 7'26 | 19°55 | 2°12 | 4°51 | 21°42 | 15° 9 | 27°34 | 7°22 | 24°12 | 15°28 | 12° 8 | 11°53 | 6°32 | 0°14 | T 24 |
| F 25 | 4 18 1 | 3° 7'56 | 1♒49 | 3°47 | 4°15 | 22°23 | 15° 5 | 27°32 | 7°23 | 24°12 | 15°27 | 12° 1 | 11°50 | 6°39 | 0°11 | F 25 |
| S 26 | 4 21 57 | 4° 8'28 | 13°37 | 5°22 | 3°38 | 23° 4 | 15° 0 | 27°31 | 7°25 | 24°R12 | 15°26 | 11°57 | 11°47 | 6°45 | 0° 9 | S 26 |
| S 27 | 4 25 54 | 5° 9'00 | 25°25 | 6°57 | 3° 2 | 23°45 | 14°56 | 27°29 | 7°27 | 24°12 | 15°25 | 11°56 | 11°44 | 6°52 | 0° 7 | S 27 |
| M28 | 4 29 50 | 6° 9'34 | 7♓18 | 8°31 | 2°26 | 24°27 | 14°51 | 27°26 | 7°30 | 24°12 | 15°24 | 11°56 | 11°41 | 6°59 | 0° 5 | M28 |
| T 29 | 4 33 47 | 7°10'09 | 19°22 | 10° 5 | 1°50 | 25° 8 | 14°46 | 27°24 | 7°32 | 24°12 | 15°23 | 11°56 | 11°38 | 7° 5 | 0° 2 | T 29 |
| W30 | 4 37 43 | 8♐10'46 | 1♈42 | 11♐39 | 1♐15 | 25♏50 | 14♋41 | 27♋22 | 7♒34 | 24♑12 | 15♋23 | 11♓54 | 11♓34 | 7♒12 | 0♉ 0 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s29 | 7s27 | 0s16 | 7s45 | 1n57 | 27s53 | 5s53 | 13s11 | 0n22 | 22n13 | 0s13 | 20n19 | 0s15 | 19s 8 | 0s38 | 13n39 | 0n10 | 18n58 | 3s32 | 6s 1 | 6s37 | 22s23 | 11n46 | 0s 8 |
| W 2 | 14 48 | 1 38 | 0n50 | 8 23 | 1 54 | 27 53 | 5 52 | 13 24 | 0 21 | 22 13 | 0 13 | 20 19 | 0 15 | 19 8 | 0 37 | 13 39 | 0 10 | 18 58 | 3 32 | 6 2 | 6 39 | 22 21 | 11 45 | 0 8 |
| T 3 | 15 7 | 4n23 | 1 55 | 9 2 | 1 50 | 27 53 | 5 50 | 13 38 | 0 21 | 22 13 | 0 13 | 20 19 | 0 15 | 19 7 | 0 37 | 13 38 | 0 10 | 18 58 | 3 32 | 6 3 | 6 40 | 22 18 | 11 44 | 0 8 |
| F 4 | 15 25 | 10 23 | 2 56 | 9 40 | 1 45 | 27 51 | 5 48 | 13 51 | 0 20 | 22 14 | 0 13 | 20 19 | 0 15 | 19 7 | 0 37 | 13 38 | 0 10 | 18 58 | 3 32 | 6 4 | 6 41 | 22 16 | 11 43 | 0 8 |
| S 5 | 15 43 | 16 4 | 3 49 | 10 19 | 1 41 | 27 49 | 5 45 | 14 5 | 0 20 | 22 14 | 0 13 | 20 19 | 0 15 | 19 7 | 0 37 | 13 38 | 0 11 | 18 58 | 3 32 | 6 7 | 6 42 | 22 14 | 11 41 | 0 8 |
| S 6 | 16 1 | 21 6 | 4 30 | 10 57 | 1 36 | 27 46 | 5 42 | 14 18 | 0 19 | 22 14 | 0 13 | 20 19 | 0 15 | 19 7 | 0 37 | 13 38 | 0 11 | 18 58 | 3 32 | 6 11 | 6 43 | 22 11 | 11 40 | 0 8 |
| M 7 | 16 19 | 25 5 | 4 55 | 11 36 | 1 30 | 27 42 | 5 39 | 14 32 | 0 19 | 22 14 | 0 13 | 20 19 | 0 15 | 19 6 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 15 | 6 45 | 22 9 | 11 39 | 0 8 |
| T 8 | 16 36 | 27 34 | 5 3 | 12 14 | 1 24 | 27 37 | 5 35 | 14 45 | 0 18 | 22 14 | 0 13 | 20 19 | 0 15 | 19 6 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 18 | 6 46 | 22 7 | 11 38 | 0 8 |
| W 9 | 16 53 | 28 16 | 4 53 | 12 52 | 1 19 | 27 31 | 5 30 | 14 58 | 0 17 | 22 14 | 0 13 | 20 19 | 0 15 | 19 6 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 22 | 6 47 | 22 4 | 11 37 | 0 8 |
| T 10 | 17 10 | 27 3 | 4 23 | 13 29 | 1 12 | 27 24 | 5 25 | 15 11 | 0 17 | 22 15 | 0 13 | 20 19 | 0 15 | 19 5 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 24 | 6 48 | 22 2 | 11 36 | 0 8 |
| F 11 | 17 27 | 24 4 | 3 38 | 14 6 | 1 6 | 27 16 | 5 19 | 15 24 | 0 16 | 22 15 | 0 12 | 20 19 | 0 15 | 19 5 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 26 | 6 50 | 22 0 | 11 35 | 0 8 |
| S 12 | 17 43 | 19 39 | 2 39 | 14 42 | 1 0 | 27 7 | 5 12 | 15 36 | 0 16 | 22 15 | 0 12 | 20 19 | 0 15 | 19 5 | 0 37 | 13 37 | 0 11 | 18 58 | 3 32 | 6 27 | 6 51 | 21 58 | 11 34 | 0 9 |
| S 13 | 17 59 | 14 10 | 1 31 | 15 18 | 0 53 | 26 57 | 5 5 | 15 49 | 0 15 | 22 16 | 0 12 | 20 20 | 0 15 | 19 4 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 27 | 6 52 | 21 55 | 11 33 | 0 9 |
| M14 | 18 15 | 8 0 | 0 18 | 15 52 | 0 47 | 26 46 | 4 57 | 16 2 | 0 15 | 22 16 | 0 12 | 20 20 | 0 14 | 19 4 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 27 | 6 53 | 21 53 | 11 32 | 0 9 |
| T 15 | 18 30 | 1 33 | 0s55 | 16 27 | 0 40 | 26 34 | 4 48 | 16 14 | 0 14 | 22 16 | 0 12 | 20 20 | 0 14 | 19 3 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 27 | 6 54 | 21 51 | 11 31 | 0 9 |
| W16 | 18 45 | 4s55 | 2 4 | 17 0 | 0 33 | 26 21 | 4 39 | 16 26 | 0 14 | 22 17 | 0 12 | 20 20 | 0 14 | 19 3 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 28 | 6 56 | 21 48 | 11 30 | 0 9 |
| T 17 | 19 0 | 11 5 | 3 5 | 17 32 | 0 26 | 26 7 | 4 29 | 16 38 | 0 13 | 22 17 | 0 12 | 20 20 | 0 14 | 19 3 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 30 | 6 57 | 21 46 | 11 29 | 0 9 |
| F 18 | 19 14 | 16 39 | 3 55 | 18 4 | 0 19 | 25 52 | 4 18 | 16 50 | 0 12 | 22 18 | 0 12 | 20 21 | 0 14 | 19 2 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 33 | 6 58 | 21 43 | 11 28 | 0 9 |
| S 19 | 19 28 | 21 23 | 4 32 | 18 35 | 0 13 | 25 36 | 4 7 | 17 2 | 0 12 | 22 18 | 0 12 | 20 21 | 0 14 | 19 2 | 0 37 | 13 36 | 0 11 | 18 58 | 3 32 | 6 37 | 6 59 | 21 41 | 11 27 | 0 9 |
| S 20 | 19 42 | 25 0 | 4 54 | 19 5 | 0 6 | 25 19 | 3 55 | 17 14 | 0 11 | 22 18 | 0 12 | 20 21 | 0 14 | 19 1 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 6 42 | 7 0 | 21 39 | 11 26 | 0 9 |
| M21 | 19 55 | 27 18 | 5 0 | 19 33 | 0s 1 | 25 1 | 3 43 | 17 26 | 0 11 | 22 19 | 0 12 | 20 22 | 0 14 | 19 1 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 6 47 | 7 2 | 21 36 | 11 25 | 0 9 |
| T 22 | 20 8 | 28 12 | 4 53 | 20 1 | 0 8 | 24 43 | 3 30 | 17 37 | 0 10 | 22 19 | 0 11 | 20 22 | 0 14 | 19 0 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 6 52 | 7 3 | 21 34 | 11 25 | 0 9 |
| W23 | 20 20 | 27 40 | 4 32 | 20 28 | 0 15 | 24 23 | 3 16 | 17 49 | 0 10 | 22 20 | 0 11 | 20 22 | 0 14 | 19 0 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 6 56 | 7 4 | 21 32 | 11 24 | 0 9 |
| T 24 | 20 32 | 25 51 | 3 58 | 20 54 | 0 21 | 24 3 | 3 2 | 18 0 | 0 9 | 22 21 | 0 11 | 20 23 | 0 14 | 18 59 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 0 | 7 5 | 21 29 | 11 23 | 0 10 |
| F 25 | 20 44 | 22 53 | 3 15 | 21 19 | 0 28 | 23 42 | 2 48 | 18 11 | 0 9 | 22 21 | 0 11 | 20 23 | 0 14 | 18 59 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 2 | 7 6 | 21 27 | 11 22 | 0 10 |
| S 26 | 20 56 | 19 0 | 2 24 | 21 43 | 0 34 | 23 21 | 2 33 | 18 22 | 0 8 | 22 22 | 0 11 | 20 24 | 0 13 | 18 58 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 4 | 7 8 | 21 24 | 11 21 | 0 10 |
| S 27 | 21 7 | 14 22 | 1 26 | 22 5 | 0 41 | 22 59 | 2 18 | 18 33 | 0 7 | 22 22 | 0 11 | 20 24 | 0 13 | 18 58 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 4 | 7 9 | 21 22 | 11 20 | 0 10 |
| M28 | 21 17 | 9 11 | 0 24 | 22 27 | 0 47 | 22 37 | 2 3 | 18 44 | 0 7 | 22 23 | 0 11 | 20 25 | 0 13 | 18 57 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 4 | 7 10 | 21 20 | 11 19 | 0 10 |
| T 29 | 21 28 | 3 36 | 0n39 | 22 47 | 0 53 | 22 14 | 1 48 | 18 54 | 0 6 | 22 24 | 0 11 | 20 25 | 0 13 | 18 57 | 0 37 | 13 36 | 0 11 | 18 59 | 3 32 | 7 4 | 7 11 | 21 17 | 11 18 | 0 10 |
| W30 | 21s37 | 2n15 | 1n43 | 23s 7 | 0s59 | 21s52 | 1s32 | 19s 5 | 0n 6 | 22n24 | 0s11 | 20n26 | 0s13 | 18s56 | 0s37 | 13n36 | 0n11 | 18n59 | 3s32 | 7s 5 | 7s12 | 21s15 | 11n18 | 0s10 |

Julian Day Number = 2603790.5, Delta T = 09m27s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'05, Lahiri = 29°41'06


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# ASTRODIENST EPHEMERIS for the year 2416
# geocentric

## DECEMBER 2416 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 41 40 | 9♐11'23 | 14♈23 | 13♐13 | 0°R41 | 26♏31 | 14°R35 | 27°R20 | 7♒36 | 24°R12 | 15°R22 | 11°R51 | 11♓31 | 7♒19 | 29°R58 | T 1 |
| F 2 | 4 45 36 | 10°12'01 | 27°29 | 14°47 | 0♐ 9 | 27°13 | 14♋30 | 27♋17 | 7°38 | 24♎12 | 15♋21 | 11♓46 | 11°28 | 7°25 | 29♈56 | F 2 |
| S 3 | 4 49 33 | 11°12'41 | 11♉ 2 | 16°21 | 29♏38 | 27°54 | 14°24 | 27°15 | 7°41 | 24°12 | 15°20 | 11°37 | 11°25 | 7°32 | 29°54 | S 3 |
| S 4 | 4 53 30 | 12°13'22 | 25° 1 | 17°54 | 29° 8 | 28°36 | 14°18 | 27°12 | 7°43 | 24°11 | 15°19 | 11°26 | 11°22 | 7°39 | 29°52 | S 4 |
| M 5 | 4 57 26 | 13°14'04 | 9♊23 | 19°28 | 28°41 | 29°17 | 14°12 | 27° 9 | 7°45 | 24°11 | 15°18 | 11°14 | 11°19 | 7°45 | 29°50 | M 5 |
| T 6 | 5 1 23 | 14°14'48 | 24° 2 | 21° 1 | 28°15 | 29°59 | 14° 6 | 27° 6 | 7°48 | 24°11 | 15°17 | 11° 2 | 11°15 | 7°52 | 29°48 | T 6 |
| W 7 | 5 5 19 | 15°15'33 | 8♋50 | 22°34 | 27°51 | 0♐41 | 14° 0 | 27° 3 | 7°50 | 24°10 | 15°16 | 10°51 | 11°12 | 7°59 | 29°46 | W 7 |
| T 8 | 5 9 16 | 16°16'19 | 23°38 | 24° 7 | 27°30 | 1°22 | 13°54 | 27° 0 | 7°52 | 24°10 | 15°15 | 10°42 | 11° 9 | 8° 5 | 29°45 | T 8 |
| F 9 | 5 13 12 | 17°17'06 | 8♌19 | 25°40 | 27°11 | 2° 4 | 13°47 | 26°57 | 7°55 | 24° 9 | 15°14 | 10°37 | 11° 6 | 8°12 | 29°43 | F 9 |
| S 10 | 5 17 9 | 18°17'55 | 22°47 | 27°14 | 26°54 | 2°46 | 13°41 | 26°54 | 7°58 | 24° 9 | 15°12 | 10°34 | 11° 3 | 8°19 | 29°41 | S 10 |
| S 11 | 5 21 6 | 19°18'45 | 7♍ 0 | 28°47 | 26°40 | 3°28 | 13°34 | 26°51 | 8° 0 | 24° 9 | 15°11 | 10°D33 | 10°59 | 8°25 | 29°40 | S 11 |
| M12 | 5 25 2 | 20°19'36 | 20°55 | 0♎20 | 26°28 | 4°10 | 13°27 | 26°47 | 8° 3 | 24° 8 | 15°10 | 10°R33 | 10°56 | 8°32 | 29°38 | M12 |
| T 13 | 5 28 59 | 21°20'29 | 4♎34 | 1°52 | 26°19 | 4°52 | 13°20 | 26°44 | 8° 5 | 24° 7 | 15° 9 | 10°33 | 10°53 | 8°39 | 29°36 | T 13 |
| W14 | 5 32 55 | 22°21'23 | 17°58 | 3°25 | 26°12 | 5°34 | 13°13 | 26°40 | 8° 8 | 24° 7 | 15° 8 | 10°30 | 10°50 | 8°45 | 29°35 | W14 |
| T 15 | 5 36 52 | 23°22'19 | 1♏ 8 | 4°58 | 26° 8 | 6°16 | 13° 6 | 26°37 | 8°11 | 24° 6 | 15° 7 | 10°25 | 10°47 | 8°52 | 29°34 | T 15 |
| F 16 | 5 40 48 | 24°23'16 | 14° 6 | 6°30 | 26°D 6 | 6°58 | 12°58 | 26°33 | 8°14 | 24° 6 | 15° 6 | 10°17 | 10°44 | 8°59 | 29°32 | F 16 |
| S 17 | 5 44 45 | 25°24'13 | 26°53 | 8° 3 | 26° 7 | 7°40 | 12°51 | 26°29 | 8°16 | 24° 5 | 15° 5 | 10° 7 | 10°40 | 9° 5 | 29°31 | S 17 |
| S 18 | 5 48 41 | 26°25'12 | 9♐29 | 9°35 | 26°10 | 8°22 | 12°43 | 26°25 | 8°19 | 24° 4 | 15° 4 | 9°54 | 10°37 | 9°12 | 29°30 | S 18 |
| M19 | 5 52 38 | 27°26'12 | 21°54 | 11° 7 | 26°15 | 9° 5 | 12°36 | 26°21 | 8°22 | 24° 4 | 15° 2 | 9°40 | 10°34 | 9°19 | 29°28 | M19 |
| T 20 | 5 56 35 | 28°27'13 | 4♑ 9 | 12°39 | 26°23 | 9°47 | 12°28 | 26°17 | 8°25 | 24° 3 | 15° 1 | 9°27 | 10°31 | 9°25 | 29°27 | T 20 |
| W21 | 6 0 31 | 29°28'14 | 16°15 | 14°10 | 26°33 | 10°29 | 12°20 | 26°13 | 8°28 | 24° 2 | 15° 0 | 9°15 | 10°28 | 9°32 | 29°26 | W21 |
| T 22 | 6 4 28 | 0♑29'16 | 28°11 | 15°41 | 26°45 | 11°11 | 12°13 | 26° 9 | 8°31 | 24° 1 | 14°59 | 9° 5 | 10°25 | 9°39 | 29°25 | T 22 |
| F 23 | 6 8 24 | 1°30'19 | 10♒ 2 | 17°12 | 27° 0 | 11°54 | 12° 5 | 26° 5 | 8°34 | 24° 0 | 14°58 | 8°58 | 10°21 | 9°45 | 29°24 | F 23 |
| S 24 | 6 12 21 | 2°31'22 | 21°48 | 18°42 | 27°16 | 12°36 | 11°57 | 26° 0 | 8°37 | 23°59 | 14°57 | 8°54 | 10°18 | 9°52 | 29°23 | S 24 |
| S 25 | 6 16 17 | 3°32'26 | 3♓35 | 20°11 | 27°35 | 13°19 | 11°49 | 25°56 | 8°40 | 23°58 | 14°55 | 8°D52 | 10°15 | 9°59 | 29°22 | S 25 |
| M26 | 6 20 14 | 4°33'29 | 15°26 | 21°39 | 27°55 | 14° 1 | 11°41 | 25°52 | 8°43 | 23°57 | 14°54 | 8°52 | 10°12 | 10° 5 | 29°21 | M26 |
| T 27 | 6 24 10 | 5°34'34 | 27°27 | 23° 5 | 28°17 | 14°44 | 11°33 | 25°47 | 8°46 | 23°57 | 14°53 | 8°53 | 10° 9 | 10°12 | 29°21 | T 27 |
| W28 | 6 28 7 | 6°35'38 | 9♈43 | 24°31 | 28°41 | 15°26 | 11°25 | 25°43 | 8°49 | 23°56 | 14°52 | 8°R53 | 10° 5 | 10°19 | 29°20 | W28 |
| T 29 | 6 32 4 | 7°36'43 | 22°20 | 25°55 | 29° 7 | 16° 9 | 11°17 | 25°38 | 8°52 | 23°54 | 14°50 | 8°52 | 10° 2 | 10°25 | 29°19 | T 29 |
| F 30 | 6 36 0 | 8°37'47 | 5♉21 | 27°17 | 29°35 | 16°52 | 11° 8 | 25°34 | 8°55 | 23°53 | 14°49 | 8°49 | 9°59 | 10°32 | 29°19 | F 30 |
| S 31 | 6 39 57 | 9♑38'53 | 18♉51 | 28♑36 | 0♐ 4 | 17♐34 | 11♋ 0 | 25♋29 | 8♒58 | 23♎52 | 14♋48 | 8♓43 | 9♓56 | 10♒39 | 29♈18 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s47 | 8n 9 | 2n43 | 23s25 | 1s 5 | 21s30 | 1s17 | 19s15 | 0n 5 | 22n25 | 0s10 | 20n26 | 0s13 | 18s55 | 0s37 | 13n36 | 0n11 | 19n 0 | 3s32 | 7s 6 | 7s14 | 21s12 | 11n17 | 0s10 |
| F 2 | 21 56 | 13 55 | 3 36 | 23 42 | 1 11 | 21 8 | 1 1 | 19 25 | 0 4 | 22 26 | 0 10 | 20 27 | 0 13 | 18 55 | 0 37 | 13 36 | 0 11 | 19 0 | 3 32 | 7 8 | 7 15 | 21 10 | 11 16 | 0 10 |
| S 3 | 22 4 | 19 12 | 4 19 | 23 57 | 1 16 | 20 46 | 0 46 | 19 35 | 0 4 | 22 27 | 0 10 | 20 27 | 0 13 | 18 54 | 0 37 | 13 36 | 0 11 | 19 0 | 3 32 | 7 11 | 7 16 | 21 8 | 11 15 | 0 10 |
| S 4 | 22 13 | 23 38 | 4 48 | 24 12 | 1 22 | 20 25 | 0 30 | 19 45 | 0 3 | 22 27 | 0 10 | 20 28 | 0 13 | 18 54 | 0 37 | 13 36 | 0 11 | 19 0 | 3 32 | 7 16 | 7 17 | 21 5 | 11 14 | 0 10 |
| M 5 | 22 20 | 26 45 | 5 0 | 24 25 | 1 27 | 20 4 | 0 15 | 19 55 | 0 3 | 22 28 | 0 10 | 20 29 | 0 13 | 18 53 | 0 37 | 13 36 | 0 11 | 19 0 | 3 32 | 7 20 | 7 19 | 21 3 | 11 14 | 0 10 |
| T 6 | 22 28 | 28 7 | 4 53 | 24 37 | 1 32 | 19 44 | 0 0 | 20 4 | 0 2 | 22 29 | 0 10 | 20 29 | 0 13 | 18 52 | 0 37 | 13 36 | 0 11 | 19 0 | 3 32 | 7 25 | 7 20 | 21 0 | 11 13 | 0 10 |
| W 7 | 22 34 | 27 31 | 4 26 | 24 48 | 1 37 | 19 24 | 0n14 | 20 13 | 0 1 | 22 30 | 0 10 | 20 30 | 0 13 | 18 52 | 0 37 | 13 37 | 0 11 | 19 0 | 3 32 | 7 29 | 7 21 | 20 58 | 11 12 | 0 11 |
| T 8 | 22 41 | 24 57 | 3 41 | 24 57 | 1 42 | 19 6 | 0 29 | 20 23 | 0 1 | 22 30 | 0 10 | 20 30 | 0 12 | 18 51 | 0 37 | 13 37 | 0 11 | 19 0 | 3 32 | 7 32 | 7 22 | 20 55 | 11 12 | 0 11 |
| F 9 | 22 47 | 20 45 | 2 41 | 25 5 | 1 46 | 18 48 | 0 42 | 20 32 | 0 0 | 22 31 | 0 9 | 20 31 | 0 12 | 18 50 | 0 37 | 13 37 | 0 11 | 19 1 | 3 32 | 7 34 | 7 23 | 20 53 | 11 11 | 0 11 |
| S 10 | 22 52 | 15 21 | 1 32 | 25 12 | 1 50 | 18 31 | 0 56 | 20 40 | 0s 0 | 22 32 | 0 9 | 20 32 | 0 12 | 18 50 | 0 37 | 13 37 | 0 11 | 19 1 | 3 32 | 7 35 | 7 25 | 20 50 | 11 10 | 0 11 |
| S 11 | 22 57 | 9 13 | 0 19 | 25 17 | 1 54 | 18 15 | 1 9 | 20 49 | 0 1 | 22 33 | 0 9 | 20 33 | 0 12 | 18 49 | 0 37 | 13 37 | 0 11 | 19 1 | 3 32 | 7 36 | 7 26 | 20 48 | 11 10 | 0 11 |
| M12 | 23 2 | 2 45 | 0s55 | 25 21 | 1 58 | 18 0 | 1 22 | 20 57 | 0 2 | 22 33 | 0 9 | 20 33 | 0 12 | 18 48 | 0 37 | 13 37 | 0 11 | 19 1 | 3 32 | 7 36 | 7 27 | 20 45 | 11 9 | 0 11 |
| T 13 | 23 6 | 3s42 | 2 3 | 25 24 | 2 1 | 17 46 | 1 34 | 21 6 | 0 2 | 22 34 | 0 9 | 20 34 | 0 12 | 18 48 | 0 37 | 13 38 | 0 11 | 19 1 | 3 32 | 7 36 | 7 28 | 20 43 | 11 8 | 0 11 |
| W14 | 23 10 | 9 52 | 3 4 | 25 25 | 2 5 | 17 33 | 1 45 | 21 14 | 0 3 | 22 35 | 0 9 | 20 35 | 0 12 | 18 47 | 0 37 | 13 38 | 0 11 | 19 1 | 3 32 | 7 37 | 7 29 | 20 40 | 11 8 | 0 11 |
| T 15 | 23 13 | 15 30 | 3 54 | 25 25 | 2 7 | 17 21 | 1 57 | 21 22 | 0 3 | 22 36 | 0 9 | 20 36 | 0 12 | 18 46 | 0 36 | 13 38 | 0 11 | 19 1 | 3 32 | 7 39 | 7 31 | 20 38 | 11 7 | 0 11 |
| F 16 | 23 16 | 20 20 | 4 30 | 25 23 | 2 10 | 17 10 | 2 7 | 21 29 | 0 4 | 22 37 | 0 9 | 20 36 | 0 12 | 18 45 | 0 36 | 13 38 | 0 11 | 19 2 | 3 32 | 7 42 | 7 32 | 20 35 | 11 7 | 0 11 |
| S 17 | 23 18 | 24 10 | 4 53 | 25 20 | 2 12 | 17 1 | 2 18 | 21 37 | 0 5 | 22 38 | 0 8 | 20 37 | 0 12 | 18 45 | 0 36 | 13 38 | 0 11 | 19 2 | 3 32 | 7 46 | 7 33 | 20 33 | 11 6 | 0 11 |
| S 18 | 23 20 | 26 47 | 5 1 | 25 16 | 2 14 | 16 52 | 2 27 | 21 44 | 0 5 | 22 38 | 0 8 | 20 38 | 0 12 | 18 44 | 0 36 | 13 39 | 0 11 | 19 2 | 3 32 | 7 50 | 7 34 | 20 30 | 11 6 | 0 11 |
| M19 | 23 22 | 28 2 | 4 54 | 25 10 | 2 15 | 16 44 | 2 37 | 21 52 | 0 6 | 22 39 | 0 8 | 20 39 | 0 11 | 18 43 | 0 36 | 13 39 | 0 11 | 19 2 | 3 32 | 7 56 | 7 35 | 20 28 | 11 5 | 0 11 |
| T 20 | 23 23 | 27 53 | 4 34 | 25 2 | 2 16 | 16 37 | 2 45 | 21 58 | 0 6 | 22 40 | 0 8 | 20 40 | 0 11 | 18 42 | 0 36 | 13 39 | 0 11 | 19 2 | 3 32 | 8 1 | 7 37 | 20 25 | 11 5 | 0 12 |
| W21 | 23 23 | 26 24 | 4 1 | 24 54 | 2 16 | 16 31 | 2 54 | 22 5 | 0 7 | 22 41 | 0 8 | 20 41 | 0 11 | 18 42 | 0 36 | 13 40 | 0 11 | 19 2 | 3 32 | 8 5 | 7 38 | 20 23 | 11 4 | 0 12 |
| T 22 | 23 23 | 23 43 | 3 18 | 24 43 | 2 16 | 16 27 | 3 2 | 22 12 | 0 8 | 22 42 | 0 8 | 20 42 | 0 11 | 18 41 | 0 36 | 13 40 | 0 11 | 19 2 | 3 32 | 8 9 | 7 39 | 20 20 | 11 4 | 0 12 |
| F 23 | 23 23 | 20 3 | 2 27 | 24 32 | 2 16 | 16 23 | 3 9 | 22 18 | 0 8 | 22 43 | 0 8 | 20 42 | 0 11 | 18 40 | 0 36 | 13 40 | 0 11 | 19 3 | 3 32 | 8 11 | 7 40 | 20 18 | 11 3 | 0 12 |
| S 24 | 23 22 | 15 37 | 1 30 | 24 19 | 2 15 | 16 20 | 3 16 | 22 24 | 0 9 | 22 44 | 0 8 | 20 43 | 0 11 | 18 39 | 0 36 | 13 40 | 0 11 | 19 3 | 3 32 | 8 13 | 7 41 | 20 15 | 11 3 | 0 12 |
| S 25 | 23 20 | 10 37 | 0 28 | 24 4 | 2 13 | 16 17 | 3 22 | 22 30 | 0 10 | 22 44 | 0 7 | 20 44 | 0 11 | 18 38 | 0 36 | 13 41 | 0 11 | 19 3 | 3 32 | 8 14 | 7 43 | 20 13 | 11 2 | 0 12 |
| M26 | 23 19 | 5 11 | 0n35 | 23 48 | 2 11 | 16 16 | 3 29 | 22 36 | 0 10 | 22 45 | 0 7 | 20 45 | 0 11 | 18 38 | 0 36 | 13 41 | 0 11 | 19 3 | 3 31 | 8 14 | 7 44 | 20 10 | 11 2 | 0 12 |
| T 27 | 23 16 | 0n29 | 1 38 | 23 31 | 2 8 | 16 15 | 3 34 | 22 42 | 0 11 | 22 46 | 0 7 | 20 46 | 0 11 | 18 37 | 0 36 | 13 41 | 0 11 | 19 3 | 3 31 | 8 13 | 7 45 | 20 8 | 11 2 | 0 12 |
| W28 | 23 13 | 6 15 | 2 37 | 23 13 | 2 5 | 16 15 | 3 39 | 22 47 | 0 11 | 22 47 | 0 7 | 20 47 | 0 11 | 18 36 | 0 36 | 13 42 | 0 11 | 19 4 | 3 31 | 8 13 | 7 46 | 20 5 | 11 1 | 0 12 |
| T 29 | 23 10 | 11 56 | 3 31 | 22 53 | 2 0 | 16 16 | 3 44 | 22 52 | 0 12 | 22 48 | 0 7 | 20 48 | 0 10 | 18 35 | 0 36 | 13 42 | 0 11 | 19 4 | 3 31 | 8 14 | 7 47 | 20 2 | 11 1 | 0 12 |
| F 30 | 23 6 | 17 17 | 4 15 | 22 33 | 1 55 | 16 17 | 3 49 | 22 57 | 0 13 | 22 49 | 0 7 | 20 49 | 0 10 | 18 34 | 0 36 | 13 43 | 0 11 | 19 4 | 3 31 | 8 15 | 7 49 | 20 0 | 11 1 | 0 12 |
| S 31 | 23s 2 | 22n 0 | 4n47 | 22s11 | 1s49 | 16s20 | 3n53 | 23s 2 | 0s13 | 22n49 | 0s 7 | 20n50 | 0s10 | 18s34 | 0s36 | 13n43 | 0n11 | 19n 4 | 3s31 | 8s17 | 7s50 | 19s57 | 11n 1 | 0s12 |

Julian Day Number = 2603820.5, Delta T = 09m27s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'09, Lahiri = 29°41'10


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## JANUARY 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 43 53 | 10♑39'58 | 2♊51 | 29♑53 | 0♐35 | 18♐17 | 10°R52 | 25°R24 | 9♒ 1 | 23°R51 | 14°R47 | 8°R35 | 9♓53 | 10♒45 | 29°R18 | S 1 |
| M 2 | 6 47 50 | 11°41'03 | 17°19 | 1♒ 6 | 1° 8 | 19° 0 | 10♋44 | 25♋20 | 9° 5 | 23♌50 | 14♋46 | 8♓26 | 9°50 | 10°52 | 29♈17 | M 2 |
| T 3 | 6 51 46 | 12°42'09 | 2♋10 | 2°16 | 1°42 | 19°43 | 10°36 | 25°15 | 9° 8 | 23°49 | 14°44 | 8°17 | 9°46 | 10°59 | 29°17 | T 3 |
| W 4 | 6 55 43 | 13°43'15 | 17°15 | 3°22 | 2°17 | 20°26 | 10°28 | 25°10 | 9°11 | 23°48 | 14°43 | 8° 8 | 9°43 | 11° 5 | 29°16 | W 4 |
| T 5 | 6 59 40 | 14°44'21 | 2♌25 | 4°22 | 2°54 | 21° 9 | 10°20 | 25° 5 | 9°14 | 23°47 | 14°42 | 8° 2 | 9°40 | 11°12 | 29°16 | T 5 |
| F 6 | 7 3 36 | 15°45'28 | 17°30 | 5°16 | 3°32 | 21°51 | 10°12 | 25° 0 | 9°18 | 23°45 | 14°41 | 7°58 | 9°37 | 11°19 | 29°16 | F 6 |
| S 7 | 7 7 33 | 16°46'34 | 2♍21 | 6° 4 | 4°11 | 22°34 | 10° 4 | 24°55 | 9°21 | 23°44 | 14°39 | 7°D56 | 9°34 | 11°25 | 29°16 | S 7 |
| S 8 | 7 11 29 | 17°47'41 | 16°52 | 6°44 | 4°52 | 23°17 | 9°56 | 24°51 | 9°24 | 23°43 | 14°38 | 7°56 | 9°31 | 11°32 | 29°16 | S 8 |
| M 9 | 7 15 26 | 18°48'48 | 1♎ 0 | 7°16 | 5°33 | 24° 1 | 9°48 | 24°46 | 9°28 | 23°41 | 14°37 | 7°57 | 9°27 | 11°39 | 29°D16 | M 9 |
| T 10 | 7 19 22 | 19°49'56 | 14°45 | 7°38 | 6°16 | 24°44 | 9°40 | 24°41 | 9°31 | 23°40 | 14°36 | 7°R58 | 9°24 | 11°45 | 29°16 | T 10 |
| W11 | 7 23 19 | 20°51'04 | 28° 7 | 7°51 | 7° 0 | 25°27 | 9°32 | 24°36 | 9°34 | 23°39 | 14°35 | 7°58 | 9°21 | 11°52 | 29°16 | W11 |
| T 12 | 7 27 15 | 21°52'12 | 11♏10 | 7°R52 | 7°45 | 26°10 | 9°24 | 24°31 | 9°38 | 23°37 | 14°33 | 7°56 | 9°18 | 11°59 | 29°16 | T 12 |
| F 13 | 7 31 12 | 22°53'21 | 23°56 | 7°42 | 8°31 | 26°53 | 9°16 | 24°26 | 9°41 | 23°36 | 14°32 | 7°52 | 9°15 | 12° 5 | 29°16 | F 13 |
| S 14 | 7 35 9 | 23°54'30 | 6♐28 | 7°19 | 9°18 | 27°37 | 9° 9 | 24°21 | 9°45 | 23°35 | 14°31 | 7°46 | 9°11 | 12°12 | 29°17 | S 14 |
| S 15 | 7 39 5 | 24°55'39 | 18°49 | 6°46 | 10° 6 | 28°20 | 9° 1 | 24°16 | 9°48 | 23°33 | 14°30 | 7°38 | 9° 8 | 12°19 | 29°17 | S 15 |
| M16 | 7 43 2 | 25°56'47 | 0♑59 | 6° 0 | 10°54 | 29° 3 | 8°54 | 24°11 | 9°52 | 23°32 | 14°29 | 7°30 | 9° 5 | 12°25 | 29°17 | M16 |
| T 17 | 7 46 58 | 26°57'56 | 13° 2 | 5° 5 | 11°44 | 29°47 | 8°46 | 24° 6 | 9°55 | 23°30 | 14°27 | 7°22 | 9° 2 | 12°32 | 29°18 | T 17 |
| W18 | 7 50 55 | 27°59'05 | 24°58 | 4° 0 | 12°34 | 0♑30 | 8°39 | 24° 1 | 9°58 | 23°29 | 14°26 | 7°14 | 8°59 | 12°39 | 29°18 | W18 |
| T 19 | 7 54 51 | 29° 0'13 | 6♒49 | 2°48 | 13°25 | 1°14 | 8°32 | 23°56 | 10° 2 | 23°27 | 14°25 | 7° 9 | 8°56 | 12°45 | 29°19 | T 19 |
| F 20 | 7 58 48 | 0♒ 1'21 | 18°37 | 1°32 | 14°17 | 1°57 | 8°24 | 23°51 | 10° 5 | 23°26 | 14°24 | 7° 5 | 8°52 | 12°52 | 29°20 | F 20 |
| S 21 | 8 2 44 | 1° 2'28 | 0♓24 | 0°13 | 15°10 | 2°41 | 8°17 | 23°46 | 10° 9 | 23°24 | 14°23 | 7° 3 | 8°49 | 12°59 | 29°20 | S 21 |
| S 22 | 8 6 41 | 2° 3'35 | 12°13 | 28♑54 | 16° 3 | 3°24 | 8°11 | 23°42 | 10°12 | 23°23 | 14°21 | 7°D 3 | 8°46 | 13° 5 | 29°21 | S 22 |
| M23 | 8 10 38 | 3° 4'41 | 24° 6 | 27°38 | 16°57 | 4° 8 | 8° 4 | 23°37 | 10°16 | 23°21 | 14°20 | 7° 4 | 8°43 | 13°12 | 29°22 | M23 |
| T 24 | 8 14 34 | 4° 5'46 | 6♈ 9 | 26°26 | 17°51 | 4°52 | 7°57 | 23°32 | 10°19 | 23°20 | 14°19 | 7° 6 | 8°40 | 13°18 | 29°23 | T 24 |
| W25 | 8 18 31 | 5° 6'51 | 18°24 | 25°21 | 18°47 | 5°35 | 7°51 | 23°27 | 10°23 | 23°18 | 14°18 | 7° 8 | 8°37 | 13°25 | 29°24 | W25 |
| T 26 | 8 22 27 | 6° 7'55 | 0♉57 | 24°23 | 19°42 | 6°19 | 7°44 | 23°22 | 10°26 | 23°17 | 14°17 | 7°R 9 | 8°33 | 13°32 | 29°25 | T 26 |
| F 27 | 8 26 24 | 7° 8'58 | 13°52 | 23°34 | 20°39 | 7° 3 | 7°38 | 23°18 | 10°30 | 23°15 | 14°16 | 7° 9 | 8°30 | 13°38 | 29°26 | F 27 |
| S 28 | 8 30 20 | 8°10'00 | 27°13 | 22°54 | 21°35 | 7°47 | 7°32 | 23°13 | 10°33 | 23°13 | 14°15 | 7° 7 | 8°27 | 13°45 | 29°27 | S 28 |
| S 29 | 8 34 17 | 9°11'02 | 11♊ 2 | 22°23 | 22°33 | 8°31 | 7°26 | 23° 8 | 10°37 | 23°12 | 14°13 | 7° 4 | 8°24 | 13°52 | 29°28 | S 29 |
| M30 | 8 38 13 | 10°12'02 | 25°20 | 22° 2 | 23°31 | 9°14 | 7°20 | 23° 4 | 10°40 | 23°10 | 14°12 | 7° 1 | 8°21 | 13°58 | 29°29 | M30 |
| T 31 | 8 42 10 | 11♒13'02 | 10♋ 4 | 21♑49 | 24♐29 | 9♑58 | 7♋15 | 22♋59 | 10♒44 | 23♌ 8 | 14♋11 | 6♓57 | 8♓17 | 14♒ 5 | 29♈31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s58 | 25n39 | 5n 4 | 21s48 | 1s43 | 16s22 | 3n57 | 23s 6 | 0s14 | 22n50 | 0s 6 | 20n51 | 0s10 | 18s33 | 0s36 | 13n43 | 0n11 | 19n 4 | 3s31 | 8s20 | 7s51 | 19s55 | 11n 0 | 0s12 |
| M 2 | 22 52 | 27 47 | 5 2 | 21 25 | 1 35 | 16 25 | 4 0 | 23 11 | 0 15 | 22 51 | 0 6 | 20 52 | 0 10 | 18 32 | 0 36 | 13 44 | 0 11 | 19 4 | 3 31 | 8 23 | 7 52 | 19 52 | 11 0 | 0 12 |
| T 3 | 22 47 | 28 2 | 4 39 | 21 1 | 1 27 | 16 29 | 4 3 | 23 15 | 0 15 | 22 52 | 0 6 | 20 53 | 0 10 | 18 31 | 0 36 | 13 44 | 0 11 | 19 5 | 3 31 | 8 27 | 7 53 | 19 50 | 11 0 | 0 13 |
| W 4 | 22 41 | 26 12 | 3 58 | 20 37 | 1 17 | 16 33 | 4 6 | 23 18 | 0 16 | 22 53 | 0 6 | 20 54 | 0 10 | 18 30 | 0 36 | 13 44 | 0 12 | 19 5 | 3 31 | 8 30 | 7 54 | 19 47 | 11 0 | 0 13 |
| T 5 | 22 34 | 22 29 | 2 59 | 20 12 | 1 6 | 16 38 | 4 8 | 23 22 | 0 17 | 22 53 | 0 6 | 20 55 | 0 10 | 18 29 | 0 36 | 13 45 | 0 12 | 19 5 | 3 31 | 8 32 | 7 56 | 19 44 | 11 0 | 0 13 |
| F 6 | 22 28 | 17 16 | 1 48 | 19 47 | 0 55 | 16 43 | 4 11 | 23 25 | 0 17 | 22 54 | 0 6 | 20 56 | 0 10 | 18 28 | 0 36 | 13 45 | 0 12 | 19 5 | 3 31 | 8 34 | 7 57 | 19 42 | 10 59 | 0 13 |
| S 7 | 22 20 | 11 5 | 0 30 | 19 23 | 0 42 | 16 48 | 4 12 | 23 29 | 0 18 | 22 55 | 0 6 | 20 57 | 0 10 | 18 27 | 0 36 | 13 46 | 0 12 | 19 5 | 3 31 | 8 35 | 7 58 | 19 39 | 10 59 | 0 13 |
| S 8 | 22 12 | 4 26 | 0s48 | 19 0 | 0 28 | 16 54 | 4 14 | 23 32 | 0 19 | 22 56 | 0 5 | 20 58 | 0 9 | 18 27 | 0 36 | 13 46 | 0 12 | 19 6 | 3 31 | 8 35 | 7 59 | 19 37 | 10 59 | 0 13 |
| M 9 | 22 4 | 2s15 | 2 1 | 18 37 | 0 13 | 17 0 | 4 15 | 23 34 | 0 19 | 22 56 | 0 5 | 20 59 | 0 9 | 18 26 | 0 36 | 13 47 | 0 12 | 19 6 | 3 31 | 8 34 | 8 0 | 19 34 | 10 59 | 0 13 |
| T 10 | 21 56 | 8 39 | 3 5 | 18 16 | 0n 3 | 17 6 | 4 16 | 23 37 | 0 20 | 22 57 | 0 5 | 20 59 | 0 9 | 18 25 | 0 36 | 13 47 | 0 12 | 19 6 | 3 31 | 8 34 | 8 2 | 19 31 | 10 59 | 0 13 |
| W11 | 21 46 | 14 29 | 3 57 | 17 56 | 0 21 | 17 12 | 4 17 | 23 39 | 0 20 | 22 58 | 0 5 | 21 0 | 0 9 | 18 24 | 0 36 | 13 47 | 0 12 | 19 6 | 3 31 | 8 34 | 8 3 | 19 29 | 10 59 | 0 13 |
| T 12 | 21 37 | 19 31 | 4 36 | 17 39 | 0 38 | 17 19 | 4 18 | 23 41 | 0 21 | 22 58 | 0 5 | 21 1 | 0 9 | 18 23 | 0 36 | 13 48 | 0 12 | 19 6 | 3 31 | 8 35 | 8 4 | 19 26 | 10 59 | 0 13 |
| F 13 | 21 27 | 23 33 | 5 0 | 17 23 | 0 57 | 17 26 | 4 18 | 23 43 | 0 22 | 22 59 | 0 5 | 21 2 | 0 9 | 18 22 | 0 36 | 13 48 | 0 12 | 19 6 | 3 31 | 8 36 | 8 5 | 19 24 | 10 59 | 0 13 |
| S 14 | 21 17 | 26 24 | 5 9 | 17 11 | 1 16 | 17 33 | 4 18 | 23 44 | 0 22 | 23 0 | 0 5 | 21 3 | 0 9 | 18 21 | 0 36 | 13 49 | 0 12 | 19 7 | 3 30 | 8 38 | 8 6 | 19 21 | 10 59 | 0 13 |
| S 15 | 21 6 | 27 57 | 5 3 | 17 1 | 1 35 | 17 40 | 4 18 | 23 46 | 0 23 | 23 0 | 0 4 | 21 4 | 0 9 | 18 20 | 0 36 | 13 49 | 0 12 | 19 7 | 3 30 | 8 41 | 8 8 | 19 18 | 10 59 | 0 13 |
| M16 | 20 55 | 28 6 | 4 43 | 16 54 | 1 54 | 17 47 | 4 17 | 23 47 | 0 24 | 23 1 | 0 4 | 21 5 | 0 9 | 18 19 | 0 36 | 13 50 | 0 12 | 19 7 | 3 30 | 8 44 | 8 9 | 19 16 | 10 59 | 0 13 |
| T 17 | 20 43 | 26 55 | 4 12 | 16 49 | 2 12 | 17 54 | 4 17 | 23 48 | 0 24 | 23 2 | 0 4 | 21 6 | 0 8 | 18 18 | 0 36 | 13 50 | 0 12 | 19 7 | 3 30 | 8 47 | 8 10 | 19 13 | 10 59 | 0 14 |
| W18 | 20 31 | 24 31 | 3 29 | 16 48 | 2 29 | 18 1 | 4 16 | 23 48 | 0 25 | 23 2 | 0 4 | 21 7 | 0 8 | 18 17 | 0 36 | 13 51 | 0 12 | 19 7 | 3 30 | 8 50 | 8 11 | 19 10 | 11 0 | 0 14 |
| T 19 | 20 19 | 21 4 | 2 37 | 16 50 | 2 44 | 18 8 | 4 15 | 23 49 | 0 26 | 23 3 | 0 4 | 21 8 | 0 8 | 18 17 | 0 36 | 13 51 | 0 12 | 19 8 | 3 30 | 8 52 | 8 12 | 19 8 | 11 0 | 0 14 |
| F 20 | 20 6 | 16 47 | 1 39 | 16 53 | 2 57 | 18 15 | 4 14 | 23 49 | 0 26 | 23 4 | 0 4 | 21 9 | 0 8 | 18 16 | 0 36 | 13 52 | 0 12 | 19 8 | 3 30 | 8 54 | 8 14 | 19 5 | 11 0 | 0 14 |
| S 21 | 19 53 | 11 52 | 0 36 | 16 59 | 3 8 | 18 23 | 4 13 | 23 49 | 0 27 | 23 4 | 0 4 | 21 10 | 0 8 | 18 15 | 0 36 | 13 52 | 0 12 | 19 8 | 3 30 | 8 54 | 8 15 | 19 2 | 11 0 | 0 14 |
| S 22 | 19 39 | 6 32 | 0n28 | 17 7 | 3 17 | 18 30 | 4 11 | 23 48 | 0 28 | 23 5 | 0 3 | 21 11 | 0 8 | 18 14 | 0 36 | 13 53 | 0 12 | 19 8 | 3 30 | 8 54 | 8 16 | 19 0 | 11 0 | 0 14 |
| M23 | 19 26 | 0 56 | 1 32 | 17 16 | 3 23 | 18 36 | 4 10 | 23 48 | 0 28 | 23 5 | 0 3 | 21 12 | 0 8 | 18 13 | 0 36 | 13 53 | 0 12 | 19 8 | 3 30 | 8 54 | 8 17 | 18 57 | 11 0 | 0 14 |
| T 24 | 19 11 | 4n46 | 2 33 | 17 26 | 3 27 | 18 43 | 4 8 | 23 47 | 0 29 | 23 6 | 0 3 | 21 13 | 0 8 | 18 12 | 0 36 | 13 54 | 0 12 | 19 9 | 3 30 | 8 53 | 8 18 | 18 54 | 11 1 | 0 14 |
| W25 | 18 57 | 10 24 | 3 27 | 17 37 | 3 28 | 18 50 | 4 6 | 23 46 | 0 30 | 23 6 | 0 3 | 21 14 | 0 8 | 18 11 | 0 36 | 13 54 | 0 12 | 19 9 | 3 30 | 8 53 | 8 19 | 18 52 | 11 1 | 0 14 |
| T 26 | 18 42 | 15 44 | 4 14 | 17 48 | 3 27 | 18 56 | 4 4 | 23 45 | 0 30 | 23 7 | 0 3 | 21 15 | 0 7 | 18 10 | 0 36 | 13 55 | 0 12 | 19 9 | 3 29 | 8 52 | 8 21 | 18 49 | 11 1 | 0 14 |
| F 27 | 18 27 | 20 33 | 4 49 | 17 59 | 3 24 | 19 3 | 4 2 | 23 43 | 0 31 | 23 7 | 0 3 | 21 16 | 0 7 | 18 9 | 0 36 | 13 56 | 0 12 | 19 9 | 3 29 | 8 52 | 8 22 | 18 46 | 11 2 | 0 14 |
| S 28 | 18 11 | 24 31 | 5 9 | 18 11 | 3 19 | 19 9 | 3 59 | 23 41 | 0 32 | 23 8 | 0 3 | 21 17 | 0 7 | 18 8 | 0 36 | 13 56 | 0 12 | 19 10 | 3 29 | 8 53 | 8 23 | 18 44 | 11 2 | 0 14 |
| S 29 | 17 55 | 27 13 | 5 13 | 18 22 | 3 13 | 19 14 | 3 57 | 23 39 | 0 32 | 23 8 | 0 2 | 21 18 | 0 7 | 18 7 | 0 36 | 13 57 | 0 12 | 19 10 | 3 29 | 8 54 | 8 24 | 18 41 | 11 2 | 0 14 |
| M30 | 17 39 | 28 16 | 4 58 | 18 33 | 3 5 | 19 20 | 3 54 | 23 37 | 0 33 | 23 9 | 0 2 | 21 18 | 0 7 | 18 6 | 0 36 | 13 57 | 0 12 | 19 10 | 3 29 | 8 55 | 8 25 | 18 38 | 11 3 | 0 14 |
| T 31 | 17s22 | 27n23 | 4n23 | 18s43 | 2n56 | 19s25 | 3n51 | 23s34 | 0s34 | 23n 9 | 0s 2 | 21n19 | 0s 7 | 18s 5 | 0s36 | 13n58 | 0n12 | 19n10 | 3s29 | 8s56 | 8s27 | 18s35 | 11n 3 | 0s14 |

Julian Day Number = 2603851.5, Delta T = 09m27s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'13, Lahiri = 29°41'14


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## FEBRUARY 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 46 7 | 12♒14'00 | 25♋ 8 | 21°D45 | 25♐28 | 10♑42 | 7°R 9 | 22°R54 | 10♒47 | 23°R 7 | 14°R10 | 6°R53 | 8♓14 | 14♒12 | 29♈32 | W 1 |
| T 2 | 8 50 3 | 13°14'58 | 10♌23 | 21♑49 | 26°27 | 11°26 | 7♋ 4 | 22♋50 | 10°51 | 23♌ 5 | 14♋ 9 | 6♓51 | 8°11 | 14°18 | 29°33 | T 2 |
| F 3 | 8 54 0 | 14°15'54 | 25°38 | 22° 0 | 27°27 | 12°10 | 6°59 | 22°46 | 10°55 | 23° 4 | 14° 8 | 6°49 | 8° 8 | 14°25 | 29°35 | F 3 |
| S 4 | 8 57 56 | 15°16'50 | 10♍45 | 22°18 | 28°27 | 12°54 | 6°54 | 22°41 | 10°58 | 23° 2 | 14° 7 | 6°D49 | 8° 5 | 14°32 | 29°36 | S 4 |
| S 5 | 9 1 53 | 16°17'45 | 25°34 | 22°43 | 29°28 | 13°39 | 6°49 | 22°37 | 11° 2 | 23° 0 | 14° 6 | 6°50 | 8° 2 | 14°38 | 29°38 | S 5 |
| M 6 | 9 5 49 | 17°18'39 | 9♎59 | 23°13 | 0♑28 | 14°23 | 6°45 | 22°33 | 11° 5 | 22°59 | 14° 5 | 6°51 | 7°58 | 14°45 | 29°39 | M 6 |
| T 7 | 9 9 46 | 18°19'33 | 23°59 | 23°49 | 1°30 | 15° 7 | 6°40 | 22°28 | 11° 9 | 22°57 | 14° 4 | 6°52 | 7°55 | 14°52 | 29°41 | T 7 |
| W 8 | 9 13 42 | 19°20'26 | 7♏31 | 24°29 | 2°32 | 15°51 | 6°36 | 22°24 | 11°12 | 22°55 | 14° 3 | 6°53 | 7°52 | 14°58 | 29°43 | W 8 |
| T 9 | 9 17 39 | 20°21'18 | 20°38 | 25°14 | 3°34 | 16°35 | 6°32 | 22°20 | 11°16 | 22°54 | 14° 2 | 6°R54 | 7°49 | 15° 5 | 29°44 | T 9 |
| F 10 | 9 21 36 | 21°22'10 | 3♐23 | 26° 3 | 4°36 | 17°20 | 6°28 | 22°16 | 11°19 | 22°52 | 14° 1 | 6°53 | 7°46 | 15°12 | 29°46 | F 10 |
| S 11 | 9 25 32 | 22°23'00 | 15°50 | 26°55 | 5°39 | 18° 4 | 6°24 | 22°12 | 11°23 | 22°50 | 14° 0 | 6°52 | 7°43 | 15°18 | 29°48 | S 11 |
| S 12 | 9 29 29 | 23°23'50 | 28° 3 | 27°50 | 6°42 | 18°48 | 6°21 | 22° 8 | 11°26 | 22°48 | 13°59 | 6°51 | 7°39 | 15°25 | 29°50 | S 12 |
| M13 | 9 33 25 | 24°24'39 | 10♑ 5 | 28°49 | 7°45 | 19°33 | 6°17 | 22° 4 | 11°29 | 22°47 | 13°58 | 6°49 | 7°36 | 15°32 | 29°52 | M13 |
| T 14 | 9 37 22 | 25°25'27 | 21°59 | 29°51 | 8°49 | 20°17 | 6°14 | 22° 1 | 11°33 | 22°45 | 13°57 | 6°47 | 7°33 | 15°38 | 29°54 | T 14 |
| W15 | 9 41 18 | 26°26'14 | 3♒48 | 0♒54 | 9°53 | 21° 2 | 6°11 | 21°57 | 11°36 | 22°43 | 13°57 | 6°45 | 7°30 | 15°45 | 29°56 | W15 |
| T 16 | 9 45 15 | 27°26'59 | 15°36 | 2° 1 | 10°57 | 21°46 | 6° 8 | 21°54 | 11°40 | 22°42 | 13°56 | 6°44 | 7°27 | 15°52 | 29°58 | T 16 |
| F 17 | 9 49 11 | 28°27'44 | 27°24 | 3° 9 | 12° 2 | 22°31 | 6° 6 | 21°50 | 11°43 | 22°40 | 13°55 | 6°43 | 7°23 | 15°58 | 0♉ 0 | F 17 |
| S 18 | 9 53 8 | 29°28'27 | 9♓15 | 4°20 | 13° 6 | 23°15 | 6° 4 | 21°47 | 11°47 | 22°38 | 13°54 | 6°D43 | 7°20 | 16° 5 | 0° 3 | S 18 |
| S 19 | 9 57 5 | 0♓29'08 | 21°10 | 5°32 | 14°11 | 24° 0 | 6° 1 | 21°43 | 11°50 | 22°37 | 13°53 | 6°43 | 7°17 | 16°12 | 0° 5 | S 19 |
| M20 | 10 1 1 | 1°29'48 | 3♈11 | 6°46 | 15°16 | 24°45 | 5°59 | 21°40 | 11°53 | 22°35 | 13°53 | 6°44 | 7°14 | 16°18 | 0° 7 | M20 |
| T 21 | 10 4 58 | 2°30'27 | 15°22 | 8° 2 | 16°22 | 25°29 | 5°58 | 21°37 | 11°57 | 22°33 | 13°52 | 6°44 | 7°11 | 16°25 | 0°10 | T 21 |
| W22 | 10 8 54 | 3°31'04 | 27°45 | 9°19 | 17°28 | 26°14 | 5°56 | 21°34 | 12° 0 | 22°32 | 13°51 | 6°45 | 7° 8 | 16°32 | 0°12 | W22 |
| T 23 | 10 12 51 | 4°31'39 | 10♉22 | 10°38 | 18°33 | 26°59 | 5°55 | 21°31 | 12° 3 | 22°30 | 13°50 | 6°45 | 7° 4 | 16°38 | 0°14 | T 23 |
| F 24 | 10 16 47 | 5°32'13 | 23°17 | 11°58 | 19°39 | 27°44 | 5°54 | 21°28 | 12° 7 | 22°28 | 13°50 | 6°45 | 7° 1 | 16°45 | 0°17 | F 24 |
| S 25 | 10 20 44 | 6°32'45 | 6♊33 | 13°19 | 20°46 | 28°28 | 5°53 | 21°25 | 12°10 | 22°27 | 13°49 | 6°45 | 6°58 | 16°51 | 0°19 | S 25 |
| S 26 | 10 24 40 | 7°33'15 | 20°11 | 14°42 | 21°52 | 29°13 | 5°52 | 21°23 | 12°13 | 22°25 | 13°48 | 6°45 | 6°55 | 16°58 | 0°22 | S 26 |
| M27 | 10 28 37 | 8°33'44 | 4♋14 | 16° 6 | 22°59 | 29°58 | 5°51 | 21°20 | 12°17 | 22°24 | 13°48 | 6°45 | 6°52 | 17° 5 | 0°25 | M27 |
| T 28 | 10 32 34 | 9♓34'10 | 18♋39 | 17♒31 | 24♑ 6 | 0♒43 | 5♋51 | 21♋18 | 12♒20 | 22♌22 | 13♋47 | 6♓46 | 6♓49 | 17♒11 | 0♉27 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s 5 | 24n30 | 3n30 | 18s53 | 2n47 | 19s30 | 3n48 | 23s32 | 0s34 | 23n10 | 0s 2 | 21n20 | 0s 7 | 18s 4 | 0s36 | 13n58 | 0n12 | 19n10 | 3s29 | 8s58 | 8s28 | 18s33 | 11n 3 | 0s15 |
| T 2 | 16 48 | 19 51 | 2 21 | 19 3 | 2 37 | 19 35 | 3 45 | 23 29 | 0 35 | 23 10 | 0 2 | 21 21 | 0 7 | 18 3 | 0 36 | 13 59 | 0 12 | 19 11 | 3 29 | 8 59 | 8 29 | 18 30 | 11 4 | 0 15 |
| F 3 | 16 31 | 13 54 | 1 1 | 19 11 | 2 26 | 19 40 | 3 42 | 23 25 | 0 36 | 23 10 | 0 2 | 21 22 | 0 7 | 18 2 | 0 36 | 13 59 | 0 12 | 19 11 | 3 29 | 8 59 | 8 30 | 18 27 | 11 4 | 0 15 |
| S 4 | 16 13 | 7 11 | 0s22 | 19 19 | 2 15 | 19 44 | 3 39 | 23 22 | 0 36 | 23 11 | 0 2 | 21 23 | 0 6 | 18 1 | 0 36 | 14 0 | 0 12 | 19 11 | 3 29 | 8 59 | 8 31 | 18 25 | 11 5 | 0 15 |
| S 5 | 15 55 | 0 12 | 1 42 | 19 26 | 2 4 | 19 48 | 3 36 | 23 18 | 0 37 | 23 11 | 0 1 | 21 23 | 0 6 | 18 0 | 0 36 | 14 0 | 0 12 | 19 11 | 3 29 | 8 59 | 8 33 | 18 22 | 11 5 | 0 15 |
| M 6 | 15 37 | 6s36 | 2 53 | 19 32 | 1 53 | 19 51 | 3 32 | 23 14 | 0 38 | 23 12 | 0 1 | 21 24 | 0 6 | 17 59 | 0 36 | 14 1 | 0 12 | 19 11 | 3 28 | 8 59 | 8 34 | 18 19 | 11 6 | 0 15 |
| T 7 | 15 18 | 12 53 | 3 52 | 19 37 | 1 42 | 19 54 | 3 29 | 23 10 | 0 38 | 23 12 | 0 1 | 21 25 | 0 6 | 17 58 | 0 36 | 14 2 | 0 12 | 19 12 | 3 28 | 8 58 | 8 35 | 18 16 | 11 6 | 0 15 |
| W 8 | 14 59 | 18 20 | 4 36 | 19 41 | 1 31 | 19 57 | 3 25 | 23 6 | 0 39 | 23 12 | 0 1 | 21 26 | 0 6 | 17 58 | 0 36 | 14 2 | 0 12 | 19 12 | 3 28 | 8 58 | 8 36 | 18 14 | 11 7 | 0 15 |
| T 9 | 14 40 | 22 45 | 5 4 | 19 44 | 1 20 | 19 59 | 3 21 | 23 1 | 0 40 | 23 13 | 0 1 | 21 27 | 0 6 | 17 57 | 0 36 | 14 3 | 0 12 | 19 12 | 3 28 | 8 58 | 8 37 | 18 11 | 11 7 | 0 15 |
| F 10 | 14 21 | 25 57 | 5 16 | 19 46 | 1 9 | 20 1 | 3 18 | 22 56 | 0 40 | 23 13 | 0 1 | 21 27 | 0 6 | 17 56 | 0 36 | 14 3 | 0 12 | 19 12 | 3 28 | 8 58 | 8 38 | 18 8 | 11 8 | 0 15 |
| S 11 | 14 1 | 27 49 | 5 13 | 19 46 | 0 58 | 20 2 | 3 14 | 22 51 | 0 41 | 23 13 | 0 1 | 21 28 | 0 6 | 17 55 | 0 36 | 14 4 | 0 12 | 19 12 | 3 28 | 8 58 | 8 40 | 18 5 | 11 8 | 0 15 |
| S 12 | 13 41 | 28 18 | 4 55 | 19 46 | 0 48 | 20 4 | 3 10 | 22 46 | 0 42 | 23 14 | 0 1 | 21 29 | 0 6 | 17 54 | 0 36 | 14 4 | 0 12 | 19 13 | 3 28 | 8 59 | 8 41 | 18 3 | 11 9 | 0 15 |
| M13 | 13 21 | 27 25 | 4 25 | 19 45 | 0 37 | 20 4 | 3 6 | 22 40 | 0 42 | 23 14 | 0 0 | 21 30 | 0 5 | 17 53 | 0 36 | 14 5 | 0 12 | 19 13 | 3 28 | 9 0 | 8 42 | 18 0 | 11 10 | 0 15 |
| T 14 | 13 1 | 25 16 | 3 43 | 19 42 | 0 27 | 20 4 | 3 2 | 22 34 | 0 43 | 23 14 | 0 0 | 21 30 | 0 5 | 17 52 | 0 36 | 14 6 | 0 12 | 19 13 | 3 28 | 9 0 | 8 43 | 17 57 | 11 10 | 0 15 |
| W15 | 12 41 | 22 3 | 2 53 | 19 38 | 0 17 | 20 4 | 2 58 | 22 28 | 0 44 | 23 14 | 0 0 | 21 31 | 0 5 | 17 51 | 0 36 | 14 6 | 0 12 | 19 13 | 3 27 | 9 1 | 8 44 | 17 54 | 11 11 | 0 15 |
| T 16 | 12 20 | 17 57 | 1 55 | 19 33 | 0 8 | 20 3 | 2 54 | 22 22 | 0 45 | 23 15 | 0 0 | 21 32 | 0 5 | 17 50 | 0 36 | 14 7 | 0 12 | 19 13 | 3 27 | 9 1 | 8 45 | 17 52 | 11 12 | 0 16 |
| F 17 | 11 59 | 13 9 | 0 52 | 19 26 | 0s 2 | 20 2 | 2 49 | 22 15 | 0 45 | 23 15 | 0n 0 | 21 32 | 0 5 | 17 49 | 0 36 | 14 7 | 0 12 | 19 14 | 3 27 | 9 1 | 8 47 | 17 49 | 11 12 | 0 16 |
| S 18 | 11 38 | 7 52 | 0n14 | 19 19 | 0 11 | 20 0 | 2 45 | 22 9 | 0 46 | 23 15 | 0 0 | 21 33 | 0 5 | 17 48 | 0 36 | 14 8 | 0 12 | 19 14 | 3 27 | 9 2 | 8 48 | 17 46 | 11 13 | 0 16 |
| S 19 | 11 17 | 2 17 | 1 19 | 19 10 | 0 20 | 19 58 | 2 41 | 22 2 | 0 47 | 23 15 | 0 0 | 21 34 | 0 5 | 17 47 | 0 36 | 14 8 | 0 12 | 19 14 | 3 27 | 9 1 | 8 49 | 17 43 | 11 14 | 0 16 |
| M20 | 10 55 | 3n26 | 2 22 | 19 0 | 0 28 | 19 55 | 2 37 | 21 54 | 0 47 | 23 16 | 0 1 | 21 34 | 0 5 | 17 46 | 0 36 | 14 9 | 0 12 | 19 14 | 3 27 | 9 1 | 8 50 | 17 40 | 11 15 | 0 16 |
| T 21 | 10 34 | 9 6 | 3 19 | 18 48 | 0 36 | 19 52 | 2 32 | 21 47 | 0 48 | 23 16 | 0 1 | 21 35 | 0 5 | 17 45 | 0 36 | 14 9 | 0 12 | 19 14 | 3 27 | 9 1 | 8 51 | 17 38 | 11 15 | 0 16 |
| W22 | 10 12 | 14 30 | 4 7 | 18 36 | 0 44 | 19 48 | 2 28 | 21 39 | 0 49 | 23 16 | 0 1 | 21 35 | 0 4 | 17 44 | 0 36 | 14 10 | 0 12 | 19 15 | 3 27 | 9 1 | 8 53 | 17 35 | 11 16 | 0 16 |
| T 23 | 9 50 | 19 24 | 4 45 | 18 22 | 0 52 | 19 44 | 2 23 | 21 31 | 0 49 | 23 16 | 0 1 | 21 36 | 0 4 | 17 43 | 0 36 | 14 10 | 0 12 | 19 15 | 3 27 | 9 1 | 8 54 | 17 32 | 11 17 | 0 16 |
| F 24 | 9 28 | 23 32 | 5 9 | 18 7 | 0 59 | 19 40 | 2 19 | 21 23 | 0 50 | 23 16 | 0 1 | 21 37 | 0 4 | 17 43 | 0 36 | 14 11 | 0 12 | 19 15 | 3 26 | 9 1 | 8 55 | 17 29 | 11 18 | 0 16 |
| S 25 | 9 5 | 26 34 | 5 18 | 17 51 | 1 6 | 19 34 | 2 14 | 21 15 | 0 51 | 23 17 | 0 1 | 21 37 | 0 4 | 17 42 | 0 36 | 14 12 | 0 12 | 19 15 | 3 26 | 9 1 | 8 56 | 17 26 | 11 19 | 0 16 |
| S 26 | 8 43 | 28 10 | 5 9 | 17 33 | 1 13 | 19 29 | 2 10 | 21 6 | 0 51 | 23 17 | 0 1 | 21 38 | 0 4 | 17 41 | 0 36 | 14 12 | 0 12 | 19 15 | 3 26 | 9 1 | 8 57 | 17 24 | 11 19 | 0 16 |
| M27 | 8 21 | 28 1 | 4 42 | 17 15 | 1 19 | 19 22 | 2 5 | 20 57 | 0 52 | 23 17 | 0 1 | 21 38 | 0 4 | 17 40 | 0 37 | 14 13 | 0 12 | 19 15 | 3 26 | 9 1 | 8 58 | 17 21 | 11 20 | 0 16 |
| T 28 | 7s58 | 26n 0 | 3n57 | 16s55 | 1s26 | 19s16 | 2n 1 | 20s48 | 0s53 | 23n17 | 0n 1 | 21n39 | 0s 4 | 17s39 | 0s37 | 14n13 | 0n12 | 19n16 | 3s26 | 9s 1 | 9s 0 | 17s18 | 11n21 | 0s16 |

Julian Day Number = 2603882.5, Delta T = 09m28s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'17, Lahiri = 29°41'19


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## MARCH 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 36 30 | 10♓34'35 | 3♌25 | 18♒57 | 25♉13 | 1♒28 | 5°D51 | 21°R15 | 12♒23 | 22°R20 | 13°R46 | 6♓46 | 6♓45 | 17♒18 | 0♉30 | W 1 |
| T 2 | 10 40 27 | 11°34'58 | 18°25 | 20°24 | 26°20 | 2°13 | 5♋51 | 21♋13 | 12°26 | 22♌19 | 13♋46 | 6°46 | 6°42 | 17°25 | 0°33 | T 2 |
| F 3 | 10 44 23 | 12°35'19 | 3♍32 | 21°53 | 27°27 | 2°58 | 5°51 | 21°11 | 12°29 | 22°17 | 13°45 | 6°R47 | 6°39 | 17°31 | 0°35 | F 3 |
| S 4 | 10 48 20 | 13°35'38 | 18°37 | 23°22 | 28°35 | 3°43 | 5°51 | 21° 9 | 12°32 | 22°16 | 13°45 | 6°46 | 6°36 | 17°38 | 0°38 | S 4 |
| S 5 | 10 52 16 | 14°35'56 | 3♎30 | 24°53 | 29°42 | 4°28 | 5°52 | 21° 7 | 12°36 | 22°14 | 13°44 | 6°46 | 6°33 | 17°45 | 0°41 | S 5 |
| M 6 | 10 56 13 | 15°36'12 | 18° 5 | 26°25 | 0♒50 | 5°13 | 5°53 | 21° 5 | 12°39 | 22°13 | 13°44 | 6°45 | 6°29 | 17°51 | 0°44 | M 6 |
| T 7 | 11 0 9 | 16°36'26 | 2♏16 | 27°58 | 1°58 | 5°58 | 5°54 | 21° 3 | 12°42 | 22°11 | 13°43 | 6°44 | 6°26 | 17°58 | 0°47 | T 7 |
| W 8 | 11 4 6 | 17°36'39 | 16° 0 | 29°31 | 3° 6 | 6°43 | 5°55 | 21° 2 | 12°45 | 22°10 | 13°43 | 6°43 | 6°23 | 18° 5 | 0°50 | W 8 |
| T 9 | 11 8 3 | 18°36'51 | 29°16 | 1♐ 6 | 4°14 | 7°28 | 5°57 | 21° 0 | 12°48 | 22° 8 | 13°42 | 6°41 | 6°20 | 18°11 | 0°53 | T 9 |
| F 10 | 11 11 59 | 19°37'01 | 12♑ 7 | 2°42 | 5°23 | 8°13 | 5°58 | 20°59 | 12°51 | 22° 7 | 13°42 | 6°41 | 6°17 | 18°18 | 0°56 | F 10 |
| S 11 | 11 15 56 | 20°37'10 | 24°37 | 4°19 | 6°31 | 8°59 | 6° 0 | 20°57 | 12°54 | 22° 5 | 13°41 | 6°D41 | 6°14 | 18°25 | 0°59 | S 11 |
| S 12 | 11 19 52 | 21°37'17 | 6♉49 | 5°57 | 7°40 | 9°44 | 6° 2 | 20°56 | 12°57 | 22° 4 | 13°41 | 6°41 | 6°10 | 18°31 | 1° 2 | S 12 |
| M13 | 11 23 49 | 22°37'22 | 18°48 | 7°37 | 8°49 | 10°29 | 6° 4 | 20°55 | 13° 0 | 22° 2 | 13°41 | 6°42 | 6° 7 | 18°38 | 1° 5 | M13 |
| T 14 | 11 27 45 | 23°37'26 | 0♒39 | 9°17 | 9°58 | 11°14 | 6° 7 | 20°54 | 13° 3 | 22° 1 | 13°40 | 6°44 | 6° 4 | 18°45 | 1° 8 | T 14 |
| W15 | 11 31 42 | 24°37'29 | 12°26 | 10°58 | 11° 7 | 12° 0 | 6° 9 | 20°53 | 13° 5 | 22° 0 | 13°40 | 6°45 | 6° 1 | 18°51 | 1°12 | W15 |
| T 16 | 11 35 38 | 25°37'29 | 24°13 | 12°41 | 12°16 | 12°45 | 6°12 | 20°52 | 13° 8 | 21°58 | 13°40 | 6°47 | 5°58 | 18°58 | 1°15 | T 16 |
| F 17 | 11 39 35 | 26°37'28 | 6♐ 4 | 14°24 | 13°25 | 13°30 | 6°15 | 20°52 | 13°11 | 21°57 | 13°40 | 6°R47 | 5°54 | 19° 5 | 1°18 | F 17 |
| S 18 | 11 43 32 | 27°37'25 | 18° 0 | 16° 9 | 14°34 | 14°16 | 6°18 | 20°51 | 13°14 | 21°56 | 13°39 | 6°47 | 5°51 | 19°11 | 1°21 | S 18 |
| S 19 | 11 47 28 | 28°37'20 | 0♈ 5 | 17°55 | 15°44 | 15° 1 | 6°21 | 20°51 | 13°17 | 21°54 | 13°39 | 6°45 | 5°48 | 19°18 | 1°25 | S 19 |
| M20 | 11 51 25 | 29°37'13 | 12°20 | 19°42 | 16°53 | 15°47 | 6°25 | 20°50 | 13°19 | 21°53 | 13°39 | 6°42 | 5°45 | 19°24 | 1°28 | M20 |
| T 21 | 11 55 21 | 0♈37'04 | 24°47 | 21°31 | 18° 3 | 16°32 | 6°29 | 20°50 | 13°22 | 21°52 | 13°39 | 6°39 | 5°42 | 19°31 | 1°31 | T 21 |
| W22 | 11 59 18 | 1°36'53 | 7♉25 | 23°20 | 19°13 | 17°17 | 6°32 | 20°D50 | 13°25 | 21°51 | 13°39 | 6°35 | 5°39 | 19°38 | 1°35 | W22 |
| T 23 | 12 3 14 | 2°36'41 | 20°17 | 25°11 | 20°22 | 18° 3 | 6°36 | 20°50 | 13°27 | 21°49 | 13°38 | 6°31 | 5°35 | 19°44 | 1°38 | T 23 |
| F 24 | 12 7 11 | 3°36'26 | 3♊23 | 27° 3 | 21°32 | 18°48 | 6°41 | 20°50 | 13°30 | 21°48 | 13°38 | 6°27 | 5°32 | 19°51 | 1°42 | F 24 |
| S 25 | 12 11 7 | 4°36'08 | 16°44 | 28°56 | 22°42 | 19°34 | 6°45 | 20°51 | 13°32 | 21°47 | 13°38 | 6°24 | 5°29 | 19°58 | 1°45 | S 25 |
| S 26 | 12 15 4 | 5°35'49 | 0♋20 | 0♈50 | 23°52 | 20°19 | 6°50 | 20°51 | 13°35 | 21°46 | 13°38 | 6°D23 | 5°26 | 20° 4 | 1°49 | S 26 |
| M27 | 12 19 1 | 6°35'27 | 14°13 | 2°45 | 25° 2 | 21° 5 | 6°54 | 20°51 | 13°37 | 21°45 | 13°D38 | 6°23 | 5°23 | 20°11 | 1°52 | M27 |
| T 28 | 12 22 57 | 7°35'03 | 28°22 | 4°42 | 26°12 | 21°50 | 6°59 | 20°52 | 13°40 | 21°44 | 13°38 | 6°24 | 5°20 | 20°18 | 1°56 | T 28 |
| W29 | 12 26 54 | 8°34'37 | 12♌46 | 6°39 | 27°23 | 22°36 | 7° 4 | 20°53 | 13°42 | 21°43 | 13°38 | 6°26 | 5°16 | 20°24 | 1°59 | W29 |
| T 30 | 12 30 50 | 9°34'08 | 27°22 | 8°38 | 28°33 | 23°22 | 7°10 | 20°53 | 13°44 | 21°42 | 13°38 | 6°27 | 5°13 | 20°31 | 2° 3 | T 30 |
| F 31 | 12 34 47 | 10♈33'37 | 12♍ 6 | 10♈38 | 29♒43 | 24♒ 7 | 7♋15 | 20♋54 | 13♒47 | 21♌41 | 13♋38 | 6°R27 | 5♓10 | 20♒38 | 2♉ 6 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s35 | 22n11 | 2n55 | 16s33 | 1s31 | 19s 8 | 1n56 | 20s39 | 0s53 | 23n17 | 0n 2 | 21n39 | 0s 4 | 17s38 | 0s37 | 14n14 | 0n12 | 19n16 | 3s26 | 9s 1 | 9s 1 | 17s15 | 11n22 | 0s16 |
| T 2 | 7 12 | 16 52 | 1 40 | 16 11 | 1 37 | 19 1 | 1 52 | 20 30 | 0 54 | 23 17 | 0 2 | 21 40 | 0 4 | 17 37 | 0 37 | 14 14 | 0 12 | 19 16 | 3 26 | 9 0 | 9 2 | 17 12 | 11 23 | 0 16 |
| F 3 | 6 49 | 10 28 | 0 18 | 15 47 | 1 42 | 18 52 | 1 47 | 20 20 | 0 55 | 23 17 | 0 2 | 21 40 | 0 3 | 17 36 | 0 37 | 14 15 | 0 12 | 19 16 | 3 26 | 9 0 | 9 3 | 17 9 | 11 24 | 0 17 |
| S 4 | 6 26 | 3 30 | 1s 5 | 15 22 | 1 46 | 18 44 | 1 43 | 20 10 | 0 55 | 23 17 | 0 2 | 21 40 | 0 3 | 17 35 | 0 37 | 14 15 | 0 12 | 19 16 | 3 25 | 9 0 | 9 4 | 17 7 | 11 25 | 0 17 |
| S 5 | 6 3 | 3s35 | 2 23 | 14 56 | 1 51 | 18 34 | 1 38 | 20 0 | 0 56 | 23 18 | 0 2 | 21 41 | 0 3 | 17 35 | 0 37 | 14 16 | 0 12 | 19 17 | 3 25 | 9 1 | 9 5 | 17 4 | 11 26 | 0 17 |
| M 6 | 5 40 | 10 19 | 3 30 | 14 29 | 1 55 | 18 24 | 1 33 | 19 50 | 0 56 | 23 18 | 0 2 | 21 41 | 0 3 | 17 34 | 0 37 | 14 16 | 0 12 | 19 17 | 3 25 | 9 1 | 9 7 | 17 1 | 11 27 | 0 17 |
| T 7 | 5 17 | 16 20 | 4 22 | 14 0 | 1 58 | 18 14 | 1 29 | 19 40 | 0 57 | 23 18 | 0 2 | 21 42 | 0 3 | 17 33 | 0 37 | 14 17 | 0 12 | 19 17 | 3 25 | 9 1 | 9 8 | 16 58 | 11 28 | 0 17 |
| W 8 | 4 53 | 21 19 | 4 57 | 13 31 | 2 1 | 18 3 | 1 24 | 19 29 | 0 58 | 23 18 | 0 2 | 21 42 | 0 3 | 17 32 | 0 37 | 14 17 | 0 12 | 19 17 | 3 25 | 9 2 | 9 9 | 16 55 | 11 29 | 0 17 |
| T 9 | 4 30 | 25 4 | 5 15 | 13 0 | 2 4 | 17 52 | 1 20 | 19 18 | 0 58 | 23 18 | 0 3 | 21 42 | 0 3 | 17 31 | 0 37 | 14 18 | 0 12 | 19 17 | 3 25 | 9 2 | 9 10 | 16 52 | 11 30 | 0 17 |
| F 10 | 4 6 | 27 25 | 5 16 | 12 27 | 2 7 | 17 40 | 1 15 | 19 7 | 0 59 | 23 18 | 0 3 | 21 43 | 0 3 | 17 30 | 0 37 | 14 18 | 0 12 | 19 17 | 3 25 | 9 2 | 9 11 | 16 50 | 11 30 | 0 17 |
| S 11 | 3 43 | 28 18 | 5 2 | 11 54 | 2 9 | 17 28 | 1 11 | 18 56 | 1 0 | 23 18 | 0 3 | 21 43 | 0 3 | 17 30 | 0 37 | 14 19 | 0 12 | 19 18 | 3 25 | 9 2 | 9 12 | 16 47 | 11 31 | 0 17 |
| S 12 | 3 19 | 27 47 | 4 34 | 11 20 | 2 10 | 17 15 | 1 6 | 18 45 | 1 0 | 23 18 | 0 3 | 21 43 | 0 2 | 17 29 | 0 37 | 14 19 | 0 12 | 19 18 | 3 24 | 9 2 | 9 14 | 16 44 | 11 33 | 0 17 |
| M13 | 2 55 | 25 58 | 3 56 | 10 44 | 2 11 | 17 1 | 1 2 | 18 33 | 1 1 | 23 18 | 0 3 | 21 44 | 0 2 | 17 28 | 0 37 | 14 20 | 0 12 | 19 18 | 3 24 | 9 2 | 9 15 | 16 41 | 11 34 | 0 17 |
| T 14 | 2 32 | 23 1 | 3 7 | 10 7 | 2 12 | 16 48 | 0 57 | 18 21 | 1 2 | 23 18 | 0 3 | 21 44 | 0 2 | 17 27 | 0 37 | 14 20 | 0 12 | 19 18 | 3 24 | 9 1 | 9 16 | 16 38 | 11 35 | 0 17 |
| W15 | 2 8 | 19 8 | 2 11 | 9 29 | 2 13 | 16 33 | 0 53 | 18 9 | 1 2 | 23 18 | 0 3 | 21 44 | 0 2 | 17 26 | 0 37 | 14 21 | 0 12 | 19 18 | 3 24 | 9 1 | 9 17 | 16 35 | 11 36 | 0 17 |
| T 16 | 1 44 | 14 30 | 1 9 | 8 50 | 2 13 | 16 19 | 0 48 | 17 57 | 1 3 | 23 18 | 0 3 | 21 44 | 0 2 | 17 26 | 0 37 | 14 21 | 0 12 | 19 18 | 3 24 | 9 0 | 9 18 | 16 32 | 11 37 | 0 17 |
| F 17 | 1 20 | 9 20 | 0 4 | 8 9 | 2 12 | 16 3 | 0 44 | 17 45 | 1 4 | 23 18 | 0 3 | 21 44 | 0 2 | 17 25 | 0 37 | 14 21 | 0 12 | 19 19 | 3 24 | 9 0 | 9 20 | 16 29 | 11 38 | 0 17 |
| S 18 | 0 57 | 3 47 | 1n 2 | 7 28 | 2 11 | 15 48 | 0 40 | 17 32 | 1 4 | 23 18 | 0 4 | 21 45 | 0 2 | 17 24 | 0 37 | 14 22 | 0 12 | 19 19 | 3 24 | 9 0 | 9 21 | 16 27 | 11 39 | 0 18 |
| S 19 | 0 33 | 1n57 | 2 5 | 6 45 | 2 10 | 15 31 | 0 35 | 17 20 | 1 5 | 23 18 | 0 4 | 21 45 | 0 2 | 17 23 | 0 37 | 14 22 | 0 12 | 19 19 | 3 23 | 9 1 | 9 22 | 16 24 | 11 40 | 0 18 |
| M20 | 0 9 | 7 41 | 3 4 | 6 2 | 2 8 | 15 15 | 0 31 | 17 7 | 1 5 | 23 18 | 0 4 | 21 45 | 0 2 | 17 23 | 0 37 | 14 23 | 0 12 | 19 19 | 3 23 | 9 2 | 9 23 | 16 21 | 11 41 | 0 18 |
| T 21 | 0n15 | 13 12 | 3 54 | 5 17 | 2 6 | 14 58 | 0 27 | 16 54 | 1 6 | 23 18 | 0 4 | 21 45 | 0 2 | 17 22 | 0 37 | 14 23 | 0 12 | 19 19 | 3 23 | 9 3 | 9 24 | 16 18 | 11 42 | 0 18 |
| W22 | 0 38 | 18 17 | 4 34 | 4 31 | 2 3 | 14 40 | 0 23 | 16 41 | 1 7 | 23 18 | 0 4 | 21 45 | 0 1 | 17 21 | 0 37 | 14 23 | 0 12 | 19 19 | 3 23 | 9 5 | 9 25 | 16 15 | 11 43 | 0 18 |
| T 23 | 1 2 | 22 37 | 5 1 | 3 44 | 1 59 | 14 22 | 0 18 | 16 27 | 1 7 | 23 17 | 0 4 | 21 45 | 0 1 | 17 20 | 0 37 | 14 24 | 0 12 | 19 20 | 3 23 | 9 6 | 9 26 | 16 12 | 11 44 | 0 18 |
| F 24 | 1 26 | 25 54 | 5 13 | 2 56 | 1 55 | 14 4 | 0 14 | 16 14 | 1 8 | 23 17 | 0 4 | 21 45 | 0 1 | 17 20 | 0 37 | 14 24 | 0 12 | 19 20 | 3 23 | 9 8 | 9 28 | 16 9 | 11 45 | 0 18 |
| S 25 | 1 50 | 27 51 | 5 9 | 2 8 | 1 51 | 13 45 | 0 10 | 16 0 | 1 8 | 23 17 | 0 4 | 21 45 | 0 1 | 17 19 | 0 37 | 14 25 | 0 12 | 19 20 | 3 23 | 9 8 | 9 29 | 16 6 | 11 47 | 0 18 |
| S 26 | 2 13 | 28 10 | 4 47 | 1 18 | 1 46 | 13 26 | 0 6 | 15 46 | 1 9 | 23 17 | 0 4 | 21 46 | 0 1 | 17 18 | 0 37 | 14 25 | 0 12 | 19 20 | 3 23 | 9 9 | 9 30 | 16 3 | 11 48 | 0 18 |
| M27 | 2 37 | 26 44 | 4 8 | 0 27 | 1 41 | 13 7 | 0 2 | 15 32 | 1 10 | 23 17 | 0 4 | 21 46 | 0 1 | 17 18 | 0 37 | 14 25 | 0 12 | 19 20 | 3 22 | 9 9 | 9 31 | 16 0 | 11 49 | 0 18 |
| T 28 | 3 0 | 23 36 | 3 14 | 0n25 | 1 35 | 12 47 | 0s 2 | 15 18 | 1 10 | 23 17 | 0 5 | 21 46 | 0 1 | 17 17 | 0 37 | 14 26 | 0 12 | 19 20 | 3 22 | 9 8 | 9 32 | 15 58 | 11 50 | 0 18 |
| W29 | 3 24 | 18 58 | 2 6 | 1 17 | 1 28 | 12 27 | 0 5 | 15 4 | 1 11 | 23 17 | 0 5 | 21 46 | 0 1 | 17 16 | 0 37 | 14 26 | 0 12 | 19 20 | 3 22 | 9 8 | 9 33 | 15 55 | 11 51 | 0 18 |
| T 30 | 3 47 | 13 8 | 0 50 | 2 10 | 1 21 | 12 6 | 0 9 | 14 50 | 1 11 | 23 16 | 0 5 | 21 46 | 0 1 | 17 16 | 0 37 | 14 26 | 0 12 | 19 20 | 3 22 | 9 7 | 9 35 | 15 52 | 11 52 | 0 18 |
| F 31 | 4n10 | 6n32 | 0s31 | 3n 4 | 1s14 | 11s45 | 0s13 | 14s35 | 1s12 | 23n16 | 0n 5 | 21n45 | 0s 0 | 17s15 | 0s37 | 14n27 | 0n12 | 19n21 | 3s22 | 9s 7 | 9s36 | 15s49 | 11n53 | 0s18 |

Julian Day Number = 2603910.5, Delta T = 09m28s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'21, Lahiri = 29°41'23


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## APRIL 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 38 43 | 11♈33'04 | 26♍51 | 12♈38 | 0♓54 | 24♒53 | 7♋21 | 20♋55 | 13♒49 | 21°R40 | 13♋39 | 6°R26 | 5♓ 7 | 20♒44 | 2♉10 | S 1 |
| S 2 | 12 42 40 | 12°32'29 | 11♎32 | 14°40 | 2° 4 | 25°38 | 7°26 | 20°56 | 13°51 | 21♏39 | 13°39 | 6♓23 | 5° 4 | 20°51 | 2°14 | S 2 |
| M 3 | 12 46 36 | 13°31'52 | 26° 0 | 16°42 | 3°15 | 26°24 | 7°32 | 20°58 | 13°53 | 21°38 | 13°39 | 6°18 | 5° 0 | 20°58 | 2°17 | M 3 |
| T 4 | 12 50 33 | 14°31'13 | 10♏ 9 | 18°44 | 4°25 | 27°10 | 7°38 | 20°59 | 13°55 | 21°37 | 13°39 | 6°12 | 4°57 | 21° 4 | 2°21 | T 4 |
| W 5 | 12 54 29 | 15°30'32 | 23°56 | 20°47 | 5°36 | 27°55 | 7°45 | 21° 1 | 13°58 | 21°36 | 13°39 | 6° 5 | 4°54 | 21°11 | 2°25 | W 5 |
| T 6 | 12 58 26 | 16°29'49 | 7♐17 | 22°50 | 6°47 | 28°41 | 7°51 | 21° 2 | 14° 0 | 21°35 | 13°39 | 6° 0 | 4°51 | 21°18 | 2°28 | T 6 |
| F 7 | 13 2 23 | 17°29'04 | 20°14 | 24°52 | 7°58 | 29°27 | 7°57 | 21° 4 | 14° 2 | 21°34 | 13°40 | 5°55 | 4°48 | 21°24 | 2°32 | F 7 |
| S 8 | 13 6 19 | 18°28'18 | 2♑47 | 26°55 | 9° 9 | 0♓12 | 8° 4 | 21° 6 | 14° 4 | 21°34 | 13°40 | 5°52 | 4°45 | 21°31 | 2°36 | S 8 |
| S 9 | 13 10 16 | 19°27'30 | 15° 2 | 28°56 | 10°20 | 0°58 | 8°11 | 21° 7 | 14° 6 | 21°33 | 13°40 | 5°D50 | 4°41 | 21°37 | 2°39 | S 9 |
| M10 | 13 14 12 | 20°26'40 | 27° 3 | 0♉57 | 11°31 | 1°44 | 8°18 | 21° 9 | 14° 7 | 21°32 | 13°40 | 5°50 | 4°38 | 21°44 | 2°43 | M10 |
| T 11 | 13 18 9 | 21°25'49 | 8♒54 | 2°55 | 12°42 | 2°30 | 8°25 | 21°12 | 14° 9 | 21°32 | 13°41 | 5°51 | 4°35 | 21°51 | 2°47 | T 11 |
| W12 | 13 22 5 | 22°24'55 | 20°41 | 4°53 | 13°53 | 3°15 | 8°32 | 21°14 | 14°11 | 21°31 | 13°41 | 5°53 | 4°32 | 21°57 | 2°51 | W12 |
| T 13 | 13 26 2 | 23°24'00 | 2♓30 | 6°48 | 15° 4 | 4° 1 | 8°40 | 21°16 | 14°13 | 21°30 | 13°41 | 5°R54 | 4°29 | 22° 4 | 2°55 | T 13 |
| F 14 | 13 29 59 | 24°23'03 | 14°24 | 8°40 | 16°15 | 4°47 | 8°47 | 21°18 | 14°15 | 21°30 | 13°42 | 5°53 | 4°26 | 22°11 | 2°58 | F 14 |
| S 15 | 13 33 55 | 25°22'04 | 26°27 | 10°29 | 17°26 | 5°33 | 8°55 | 21°21 | 14°16 | 21°29 | 13°42 | 5°51 | 4°22 | 22°17 | 3° 2 | S 15 |
| S 16 | 13 37 52 | 26°21'03 | 8♈43 | 12°15 | 18°38 | 6°18 | 9° 2 | 21°24 | 14°18 | 21°29 | 13°43 | 5°47 | 4°19 | 22°24 | 3° 6 | S 16 |
| M17 | 13 41 48 | 27°20'01 | 21°13 | 13°58 | 19°49 | 7° 4 | 9°10 | 21°26 | 14°19 | 21°28 | 13°43 | 5°40 | 4°16 | 22°31 | 3°10 | M17 |
| T 18 | 13 45 45 | 28°18'56 | 3♉58 | 15°37 | 21° 0 | 7°50 | 9°18 | 21°29 | 14°21 | 21°28 | 13°44 | 5°31 | 4°13 | 22°37 | 3°13 | T 18 |
| W19 | 13 49 41 | 29°17'49 | 16°58 | 17°11 | 22°12 | 8°36 | 9°27 | 21°32 | 14°23 | 21°27 | 13°44 | 5°22 | 4°10 | 22°44 | 3°17 | W19 |
| T 20 | 13 53 38 | 0♉16'41 | 0♊12 | 18°41 | 23°23 | 9°22 | 9°35 | 21°35 | 14°24 | 21°27 | 13°45 | 5°12 | 4° 6 | 22°51 | 3°21 | T 20 |
| F 21 | 13 57 34 | 1°15'30 | 13°38 | 20° 6 | 24°35 | 10° 7 | 9°43 | 21°38 | 14°25 | 21°26 | 13°45 | 5° 4 | 4° 3 | 22°57 | 3°25 | F 21 |
| S 22 | 14 1 31 | 2°14'17 | 27°16 | 21°27 | 25°46 | 10°53 | 9°52 | 21°41 | 14°27 | 21°26 | 13°46 | 4°57 | 4° 0 | 23° 4 | 3°29 | S 22 |
| S 23 | 14 5 27 | 3°13'02 | 11♋ 2 | 22°42 | 26°58 | 11°39 | 10° 1 | 21°45 | 14°28 | 21°26 | 13°46 | 4°52 | 3°57 | 23°11 | 3°33 | S 23 |
| M24 | 14 9 24 | 4°11'45 | 24°58 | 23°52 | 28° 9 | 12°25 | 10°10 | 21°48 | 14°29 | 21°25 | 13°47 | 4°50 | 3°54 | 23°17 | 3°36 | M24 |
| T 25 | 14 13 21 | 5°10'26 | 9♌ 1 | 24°57 | 29°21 | 13°10 | 10°18 | 21°52 | 14°30 | 21°25 | 13°48 | 4°D50 | 3°51 | 23°24 | 3°40 | T 25 |
| W26 | 14 17 17 | 6° 9'04 | 23°10 | 25°56 | 0♈32 | 13°56 | 10°28 | 21°55 | 14°32 | 21°25 | 13°48 | 4°51 | 3°47 | 23°30 | 3°44 | W26 |
| T 27 | 14 21 14 | 7° 7'40 | 7♍25 | 26°50 | 1°44 | 14°42 | 10°37 | 21°59 | 14°33 | 21°25 | 13°49 | 4°R51 | 3°44 | 23°37 | 3°48 | T 27 |
| F 28 | 14 25 10 | 8° 6'14 | 21°44 | 27°38 | 2°56 | 15°28 | 10°46 | 22° 3 | 14°34 | 21°25 | 13°50 | 4°50 | 3°41 | 23°44 | 3°52 | F 28 |
| S 29 | 14 29 7 | 9° 4'45 | 6♎ 4 | 28°20 | 4° 7 | 16°13 | 10°55 | 22° 7 | 14°35 | 21°25 | 13°51 | 4°46 | 3°38 | 23°50 | 3°55 | S 29 |
| S 30 | 14 33 3 | 10♉ 3'15 | 20♎20 | 28♉57 | 5♈19 | 16♓59 | 11♋ 5 | 22♋11 | 14♒36 | 21♏25 | 13♋51 | 4♓40 | 3♓35 | 23♒57 | 3♉59 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n34 | 0s25 | 1s49 | 3n58 | 1s 6 | 11s24 | 0s17 | 14s20 | 1s13 | 23n16 | 0n 5 | 21n45 | 0s 0 | 17s14 | 0s37 | 14n27 | 0n12 | 19n21 | 3s22 | 9s 8 | 9s37 | 15s46 | 11n55 | 0s18 |
| S 2 | 4 57 | 7 18 | 3 0 | 4 53 | 0 57 | 11 2 | 0 20 | 14 6 | 1 13 | 23 16 | 0 5 | 21 45 | 0 0 | 17 14 | 0 37 | 14 27 | 0 12 | 19 21 | 3 22 | 9 9 | 9 38 | 15 43 | 11 56 | 0 19 |
| M 3 | 5 20 | 13 42 | 3 57 | 5 48 | 0 48 | 10 40 | 0 24 | 13 51 | 1 14 | 23 16 | 0 5 | 21 45 | 0 0 | 17 13 | 0 37 | 14 28 | 0 12 | 19 21 | 3 21 | 9 11 | 9 39 | 15 40 | 11 57 | 0 19 |
| T 4 | 5 43 | 19 15 | 4 39 | 6 43 | 0 39 | 10 18 | 0 27 | 13 36 | 1 14 | 23 15 | 0 5 | 21 45 | 0 0 | 17 13 | 0 37 | 14 28 | 0 12 | 19 21 | 3 21 | 9 13 | 9 40 | 15 37 | 11 58 | 0 19 |
| W 5 | 6 6 | 23 37 | 5 4 | 7 39 | 0 29 | 9 55 | 0 31 | 13 20 | 1 15 | 23 15 | 0 5 | 21 45 | 0n 0 | 17 12 | 0 37 | 14 28 | 0 12 | 19 21 | 3 21 | 9 15 | 9 42 | 15 34 | 11 59 | 0 19 |
| T 6 | 6 28 | 26 35 | 5 10 | 8 34 | 0 19 | 9 32 | 0 34 | 13 5 | 1 15 | 23 15 | 0 5 | 21 45 | 0 0 | 17 11 | 0 38 | 14 28 | 0 12 | 19 21 | 3 21 | 9 18 | 9 43 | 15 31 | 12 1 | 0 19 |
| F 7 | 6 51 | 28 2 | 5 1 | 9 29 | 0 8 | 9 9 | 0 38 | 12 50 | 1 16 | 23 14 | 0 6 | 21 45 | 0 0 | 17 11 | 0 38 | 14 29 | 0 12 | 19 21 | 3 21 | 9 19 | 9 44 | 15 28 | 12 2 | 0 19 |
| S 8 | 7 13 | 27 58 | 4 37 | 10 23 | 0n 3 | 8 45 | 0 41 | 12 34 | 1 17 | 23 14 | 0 6 | 21 45 | 0 0 | 17 10 | 0 38 | 14 29 | 0 12 | 19 22 | 3 21 | 9 21 | 9 45 | 15 25 | 12 3 | 0 19 |
| S 9 | 7 36 | 26 32 | 4 1 | 11 17 | 0 14 | 8 21 | 0 44 | 12 18 | 1 17 | 23 14 | 0 6 | 21 44 | 0 0 | 17 10 | 0 38 | 14 29 | 0 12 | 19 22 | 3 21 | 9 21 | 9 46 | 15 22 | 12 4 | 0 19 |
| M10 | 7 58 | 23 53 | 3 15 | 12 10 | 0 25 | 7 57 | 0 47 | 12 3 | 1 18 | 23 14 | 0 6 | 21 44 | 0 0 | 17 9 | 0 38 | 14 29 | 0 12 | 19 22 | 3 20 | 9 21 | 9 47 | 15 19 | 12 5 | 0 19 |
| T 11 | 8 20 | 20 16 | 2 21 | 13 2 | 0 37 | 7 33 | 0 50 | 11 47 | 1 18 | 23 13 | 0 6 | 21 44 | 0 1 | 17 9 | 0 38 | 14 30 | 0 12 | 19 22 | 3 20 | 9 21 | 9 49 | 15 16 | 12 7 | 0 19 |
| W12 | 8 42 | 15 51 | 1 21 | 13 52 | 0 48 | 7 9 | 0 53 | 11 31 | 1 19 | 23 13 | 0 6 | 21 44 | 0 1 | 17 8 | 0 38 | 14 30 | 0 12 | 19 22 | 3 20 | 9 20 | 9 50 | 15 13 | 12 8 | 0 19 |
| T 13 | 9 4 | 10 51 | 0 18 | 14 41 | 0 59 | 6 44 | 0 56 | 11 15 | 1 19 | 23 12 | 0 6 | 21 43 | 0 1 | 17 8 | 0 38 | 14 30 | 0 12 | 19 22 | 3 20 | 9 20 | 9 51 | 15 10 | 12 9 | 0 19 |
| F 14 | 9 26 | 5 26 | 0n46 | 15 29 | 1 11 | 6 19 | 0 59 | 10 58 | 1 20 | 23 12 | 0 6 | 21 43 | 0 1 | 17 7 | 0 38 | 14 30 | 0 12 | 19 22 | 3 20 | 9 20 | 9 52 | 15 7 | 12 10 | 0 19 |
| S 15 | 9 47 | 0n15 | 1 49 | 16 14 | 1 22 | 5 54 | 1 1 | 10 42 | 1 20 | 23 12 | 0 6 | 21 43 | 0 1 | 17 7 | 0 38 | 14 30 | 0 12 | 19 22 | 3 20 | 9 21 | 9 53 | 15 4 | 12 11 | 0 20 |
| S 16 | 10 9 | 6 1 | 2 47 | 16 57 | 1 33 | 5 28 | 1 4 | 10 26 | 1 21 | 23 11 | 0 6 | 21 43 | 0 1 | 17 7 | 0 38 | 14 31 | 0 12 | 19 22 | 3 20 | 9 22 | 9 54 | 15 1 | 12 13 | 0 20 |
| M17 | 10 30 | 11 39 | 3 39 | 17 38 | 1 43 | 5 3 | 1 7 | 10 9 | 1 21 | 23 11 | 0 6 | 21 42 | 0 1 | 17 6 | 0 38 | 14 31 | 0 13 | 19 22 | 3 20 | 9 25 | 9 55 | 14 58 | 12 14 | 0 20 |
| T 18 | 10 51 | 16 54 | 4 21 | 18 17 | 1 53 | 4 37 | 1 9 | 9 53 | 1 22 | 23 10 | 0 7 | 21 42 | 0 1 | 17 6 | 0 38 | 14 31 | 0 13 | 19 22 | 3 19 | 9 28 | 9 57 | 14 55 | 12 15 | 0 20 |
| W19 | 11 12 | 21 30 | 4 50 | 18 53 | 2 2 | 4 11 | 1 12 | 9 36 | 1 22 | 23 10 | 0 7 | 21 41 | 0 1 | 17 5 | 0 38 | 14 31 | 0 13 | 19 23 | 3 19 | 9 31 | 9 58 | 14 52 | 12 16 | 0 20 |
| T 20 | 11 33 | 25 6 | 5 4 | 19 26 | 2 11 | 3 45 | 1 14 | 9 19 | 1 23 | 23 9 | 0 7 | 21 41 | 0 1 | 17 5 | 0 38 | 14 31 | 0 13 | 19 23 | 3 19 | 9 35 | 9 59 | 14 49 | 12 18 | 0 20 |
| F 21 | 11 53 | 27 23 | 5 2 | 19 57 | 2 19 | 3 19 | 1 16 | 9 2 | 1 23 | 23 9 | 0 7 | 21 41 | 0 2 | 17 5 | 0 38 | 14 31 | 0 13 | 19 23 | 3 19 | 9 38 | 10 0 | 14 46 | 12 19 | 0 20 |
| S 22 | 12 13 | 28 4 | 4 43 | 20 26 | 2 26 | 2 53 | 1 18 | 8 45 | 1 24 | 23 8 | 0 7 | 21 40 | 0 2 | 17 4 | 0 38 | 14 31 | 0 13 | 19 23 | 3 19 | 9 41 | 10 1 | 14 43 | 12 20 | 0 20 |
| S 23 | 12 34 | 27 2 | 4 7 | 20 51 | 2 32 | 2 26 | 1 21 | 8 29 | 1 24 | 23 8 | 0 7 | 21 40 | 0 2 | 17 4 | 0 38 | 14 32 | 0 13 | 19 23 | 3 19 | 9 42 | 10 2 | 14 40 | 12 21 | 0 20 |
| M24 | 12 53 | 24 19 | 3 17 | 21 14 | 2 38 | 2 0 | 1 23 | 8 11 | 1 24 | 23 7 | 0 7 | 21 39 | 0 2 | 17 3 | 0 38 | 14 32 | 0 13 | 19 23 | 3 19 | 9 43 | 10 4 | 14 37 | 12 22 | 0 20 |
| T 25 | 13 13 | 20 7 | 2 14 | 21 35 | 2 42 | 1 33 | 1 24 | 7 54 | 1 25 | 23 6 | 0 7 | 21 39 | 0 2 | 17 3 | 0 38 | 14 32 | 0 13 | 19 23 | 3 19 | 9 43 | 10 5 | 14 34 | 12 24 | 0 20 |
| W26 | 13 33 | 14 45 | 1 2 | 21 53 | 2 46 | 1 6 | 1 26 | 7 37 | 1 25 | 23 6 | 0 7 | 21 38 | 0 2 | 17 3 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 43 | 10 6 | 14 31 | 12 25 | 0 20 |
| T 27 | 13 52 | 8 33 | 0s14 | 22 8 | 2 48 | 0 40 | 1 28 | 7 20 | 1 26 | 23 5 | 0 7 | 21 38 | 0 2 | 17 3 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 43 | 10 7 | 14 28 | 12 26 | 0 20 |
| F 28 | 14 11 | 1 54 | 1 29 | 22 20 | 2 49 | 0 13 | 1 30 | 7 3 | 1 26 | 23 5 | 0 7 | 21 37 | 0 2 | 17 2 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 43 | 10 8 | 14 25 | 12 27 | 0 21 |
| S 29 | 14 29 | 4s50 | 2 38 | 22 30 | 2 50 | 0n14 | 1 31 | 6 45 | 1 27 | 23 4 | 0 7 | 21 37 | 0 2 | 17 2 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 44 | 10 9 | 14 22 | 12 29 | 0 21 |
| S 30 | 14n48 | 11s17 | 3s37 | 22n37 | 2n49 | 0n41 | 1s33 | 6s28 | 1s27 | 23n 3 | 0n 8 | 21n36 | 0n 2 | 17s 2 | 0s38 | 14n32 | 0n13 | 19n23 | 3s18 | 9s47 | 10s10 | 14s19 | 12n30 | 0s21 |

Julian Day Number = 2603941.5, Delta T = 09m28s
Ecliptic obliquity = 23°23'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'25, Lahiri = 29°41'27


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## MAY 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 37 0 | 11♉ 1'42 | 4♏27 | 29♉28 | 6♈31 | 17♓45 | 11♋14 | 22♋15 | 14♒37 | 21°R24 | 13♋52 | 4°R32 | 3♓31 | 24♒ 4 | 4♉ 3 | M 1 |
| T 2 | 14 40 56 | 12° 0'08 | 18°21 | 29°53 | 7°43 | 18°31 | 11°24 | 22°19 | 14°38 | 21°D24 | 13°53 | 4♓21 | 3°28 | 24°10 | 4° 7 | T 2 |
| W 3 | 14 44 53 | 12°58'32 | 1♐57 | 0♊12 | 8°55 | 19°16 | 11°34 | 22°23 | 14°38 | 21♑25 | 13°54 | 4°10 | 3°25 | 24°17 | 4°11 | W 3 |
| T 4 | 14 48 50 | 13°56'54 | 15°13 | 0°25 | 10° 6 | 20° 2 | 11°44 | 22°27 | 14°39 | 21°25 | 13°54 | 3°59 | 3°22 | 24°24 | 4°14 | T 4 |
| F 5 | 14 52 46 | 14°55'15 | 28° 7 | 0°33 | 11°18 | 20°48 | 11°54 | 22°32 | 14°40 | 21°25 | 13°55 | 3°50 | 3°19 | 24°30 | 4°18 | F 5 |
| S 6 | 14 56 43 | 15°53'34 | 10♑40 | 0°R36 | 12°30 | 21°33 | 12° 4 | 22°36 | 14°41 | 21°25 | 13°56 | 3°43 | 3°16 | 24°37 | 4°22 | S 6 |
| S 7 | 15 0 39 | 16°51'52 | 22°56 | 0°32 | 13°42 | 22°19 | 12°14 | 22°41 | 14°41 | 21°25 | 13°57 | 3°38 | 3°12 | 24°44 | 4°26 | S 7 |
| M 8 | 15 4 36 | 17°50'08 | 4♒57 | 0°24 | 14°54 | 23° 5 | 12°24 | 22°45 | 14°42 | 21°25 | 13°58 | 3°35 | 3° 9 | 24°50 | 4°29 | M 8 |
| T 9 | 15 8 32 | 18°48'22 | 16°49 | 0°11 | 16° 6 | 23°50 | 12°35 | 22°50 | 14°42 | 21°25 | 13°59 | 3°D35 | 3° 6 | 24°57 | 4°33 | T 9 |
| W10 | 15 12 29 | 19°46'35 | 28°38 | 29♉53 | 17°18 | 24°36 | 12°45 | 22°55 | 14°43 | 21°26 | 14° 0 | 3°R35 | 3° 3 | 25° 4 | 4°37 | W10 |
| T 11 | 15 16 26 | 20°44'47 | 10♓28 | 29°31 | 18°30 | 25°22 | 12°56 | 23° 0 | 14°43 | 21°26 | 14° 1 | 3°35 | 3° 0 | 25°10 | 4°41 | T 11 |
| F 12 | 15 20 22 | 21°42'57 | 22°24 | 29° 6 | 19°42 | 26° 7 | 13° 7 | 23° 5 | 14°44 | 21°26 | 14° 2 | 3°33 | 2°57 | 25°17 | 4°44 | F 12 |
| S 13 | 15 24 19 | 22°41'05 | 4♈33 | 28°37 | 20°54 | 26°53 | 13°17 | 23°10 | 14°44 | 21°27 | 14° 3 | 3°30 | 2°53 | 25°23 | 4°48 | S 13 |
| S 14 | 15 28 15 | 23°39'12 | 16°57 | 28° 5 | 22° 6 | 27°38 | 13°28 | 23°15 | 14°44 | 21°27 | 14° 4 | 3°24 | 2°50 | 25°30 | 4°52 | S 14 |
| M15 | 15 32 12 | 24°37'18 | 29°39 | 27°31 | 23°19 | 28°24 | 13°39 | 23°20 | 14°44 | 21°27 | 14° 5 | 3°15 | 2°47 | 25°37 | 4°55 | M15 |
| T 16 | 15 36 8 | 25°35'22 | 12♉41 | 26°56 | 24°31 | 29°10 | 13°50 | 23°25 | 14°45 | 21°28 | 14° 6 | 3° 4 | 2°44 | 25°43 | 4°59 | T 16 |
| W17 | 15 40 5 | 26°33'25 | 26° 2 | 26°20 | 25°43 | 29°55 | 14° 1 | 23°31 | 14°45 | 21°28 | 14° 7 | 2°52 | 2°41 | 25°50 | 5° 3 | W17 |
| T 18 | 15 44 1 | 27°31'26 | 9♊40 | 25°43 | 26°55 | 0♈41 | 14°12 | 23°36 | 14°45 | 21°29 | 14° 8 | 2°40 | 2°37 | 25°57 | 5° 6 | T 18 |
| F 19 | 15 47 58 | 28°29'26 | 23°32 | 25° 7 | 28° 7 | 1°26 | 14°24 | 23°42 | 14°R45 | 21°29 | 14° 9 | 2°28 | 2°34 | 26° 3 | 5°10 | F 19 |
| S 20 | 15 51 55 | 29°27'24 | 7♋34 | 24°32 | 29°20 | 2°12 | 14°35 | 23°47 | 14°45 | 21°30 | 14°10 | 2°19 | 2°31 | 26°10 | 5°13 | S 20 |
| S 21 | 15 55 51 | 0♊25'20 | 21°41 | 23°59 | 0♉32 | 2°57 | 14°46 | 23°53 | 14°45 | 21°31 | 14°11 | 2°13 | 2°28 | 26°17 | 5°17 | S 21 |
| M22 | 15 59 48 | 1°23'15 | 5♑50 | 23°28 | 1°44 | 3°42 | 14°58 | 23°59 | 14°45 | 21°31 | 14°12 | 2°10 | 2°25 | 26°23 | 5°20 | M22 |
| T 23 | 16 3 44 | 2°21'07 | 20° 0 | 22°59 | 2°56 | 4°28 | 15° 9 | 24° 4 | 14°44 | 21°32 | 14°14 | 2° 8 | 2°22 | 26°30 | 5°24 | T 23 |
| W24 | 16 7 41 | 3°18'58 | 4♍ 7 | 22°34 | 4° 9 | 5°13 | 15°21 | 24°10 | 14°44 | 21°33 | 14°15 | 2° 8 | 2°18 | 26°37 | 5°27 | W24 |
| T 25 | 16 11 37 | 4°16'47 | 18°12 | 22°12 | 5°21 | 5°58 | 15°33 | 24°16 | 14°44 | 21°33 | 14°16 | 2° 8 | 2°15 | 26°43 | 5°31 | T 25 |
| F 26 | 16 15 34 | 5°14'35 | 2♎14 | 21°54 | 6°33 | 6°44 | 15°45 | 24°22 | 14°44 | 21°34 | 14°17 | 2° 6 | 2°12 | 26°50 | 5°34 | F 26 |
| S 27 | 16 19 30 | 6°12'20 | 16°11 | 21°40 | 7°45 | 7°29 | 15°56 | 24°28 | 14°43 | 21°35 | 14°18 | 2° 2 | 2° 9 | 26°56 | 5°38 | S 27 |
| S 28 | 16 23 27 | 7°10'05 | 0♏ 1 | 21°30 | 8°58 | 8°14 | 16° 8 | 24°34 | 14°43 | 21°36 | 14°20 | 1°55 | 2° 6 | 27° 3 | 5°41 | S 28 |
| M29 | 16 27 24 | 8° 7'47 | 13°43 | 21°24 | 10°10 | 8°59 | 16°20 | 24°40 | 14°42 | 21°37 | 14°21 | 1°46 | 2° 3 | 27°10 | 5°44 | M29 |
| T 30 | 16 31 20 | 9° 5'29 | 27°13 | 21°D23 | 11°23 | 9°44 | 16°32 | 24°46 | 14°42 | 21°38 | 14°22 | 1°34 | 1°59 | 27°16 | 5°48 | T 30 |
| W31 | 16 35 17 | 10♊ 3'09 | 10♐29 | 21♉26 | 12♉35 | 10♈29 | 16♋44 | 24♋53 | 14♒41 | 21♑38 | 14♋23 | 1♓22 | 1♓56 | 27♒23 | 5♉51 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n 6 | 17s 5 | 4s22 | 22n42 | 2n47 | 1n 8 | 1s34 | 6s10 | 1s27 | 23n 2 | 0n 8 | 21n36 | 0n 2 | 17s 2 | 0s38 | 14n32 | 0n13 | 19n23 | 3s18 | 9s50 | 10s12 | 14s16 | 12n31 | 0s21 |
| T 2 | 15 24 | 21 55 | 4 51 | 22 44 | 2 43 | 1 35 | 1 36 | 5 53 | 1 28 | 23 2 | 0 8 | 21 35 | 0 3 | 17 1 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 53 | 10 13 | 14 13 | 12 32 | 0 21 |
| W 3 | 15 42 | 25 26 | 5 2 | 22 44 | 2 39 | 2 2 | 1 37 | 5 35 | 1 28 | 23 1 | 0 8 | 21 35 | 0 3 | 17 1 | 0 38 | 14 32 | 0 13 | 19 23 | 3 18 | 9 58 | 10 14 | 14 10 | 12 33 | 0 21 |
| T 4 | 15 59 | 27 29 | 4 57 | 22 41 | 2 33 | 2 29 | 1 38 | 5 18 | 1 29 | 23 0 | 0 8 | 21 34 | 0 3 | 17 1 | 0 39 | 14 32 | 0 13 | 19 23 | 3 17 | 10 1 | 10 15 | 14 7 | 12 35 | 0 21 |
| F 5 | 16 17 | 27 59 | 4 36 | 22 36 | 2 26 | 2 56 | 1 39 | 5 0 | 1 29 | 22 59 | 0 8 | 21 33 | 0 3 | 17 1 | 0 39 | 14 32 | 0 13 | 19 23 | 3 17 | 10 5 | 10 16 | 14 4 | 12 36 | 0 21 |
| S 6 | 16 34 | 26 59 | 4 3 | 22 28 | 2 17 | 3 23 | 1 40 | 4 43 | 1 29 | 22 58 | 0 8 | 21 33 | 0 3 | 17 1 | 0 39 | 14 32 | 0 13 | 19 23 | 3 17 | 10 8 | 10 17 | 14 1 | 12 37 | 0 21 |
| S 7 | 16 50 | 24 42 | 3 18 | 22 18 | 2 8 | 3 50 | 1 41 | 4 25 | 1 30 | 22 58 | 0 8 | 21 32 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 17 | 10 9 | 10 18 | 13 58 | 12 38 | 0 21 |
| M 8 | 17 7 | 21 21 | 2 26 | 22 6 | 1 57 | 4 17 | 1 42 | 4 7 | 1 30 | 22 57 | 0 8 | 21 31 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 17 | 10 10 | 10 20 | 13 55 | 12 39 | 0 21 |
| T 9 | 17 23 | 17 9 | 1 28 | 21 51 | 1 45 | 4 44 | 1 43 | 3 50 | 1 30 | 22 56 | 0 8 | 21 31 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 17 | 10 10 | 10 21 | 13 52 | 12 40 | 0 21 |
| W10 | 17 39 | 12 20 | 0 26 | 21 35 | 1 32 | 5 11 | 1 44 | 3 32 | 1 31 | 22 55 | 0 8 | 21 30 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 17 | 10 10 | 10 22 | 13 49 | 12 42 | 0 21 |
| T 11 | 17 54 | 7 4 | 0n36 | 21 16 | 1 18 | 5 38 | 1 44 | 3 14 | 1 31 | 22 54 | 0 8 | 21 29 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 17 | 10 10 | 10 23 | 13 46 | 12 43 | 0 22 |
| F 12 | 18 9 | 1 30 | 1 38 | 20 56 | 1 3 | 6 5 | 1 45 | 2 56 | 1 31 | 22 53 | 0 9 | 21 28 | 0 3 | 17 0 | 0 39 | 14 32 | 0 13 | 19 24 | 3 16 | 10 11 | 10 24 | 13 43 | 12 44 | 0 22 |
| S 13 | 18 24 | 4n12 | 2 36 | 20 34 | 0 47 | 6 31 | 1 45 | 2 38 | 1 32 | 22 52 | 0 9 | 21 28 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 12 | 10 25 | 13 40 | 12 45 | 0 22 |
| S 14 | 18 39 | 9 51 | 3 28 | 20 11 | 0 31 | 6 58 | 1 45 | 2 21 | 1 32 | 22 51 | 0 9 | 21 27 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 14 | 10 26 | 13 37 | 12 46 | 0 22 |
| M15 | 18 53 | 15 14 | 4 11 | 19 47 | 0 14 | 7 24 | 1 46 | 2 3 | 1 32 | 22 50 | 0 9 | 21 26 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 17 | 10 28 | 13 34 | 12 47 | 0 22 |
| T 16 | 19 7 | 20 5 | 4 42 | 19 22 | 0s 4 | 7 50 | 1 46 | 1 45 | 1 33 | 22 49 | 0 9 | 21 25 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 21 | 10 29 | 13 31 | 12 49 | 0 22 |
| W17 | 19 21 | 24 3 | 4 58 | 18 57 | 0 21 | 8 16 | 1 46 | 1 27 | 1 33 | 22 48 | 0 9 | 21 25 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 26 | 10 30 | 13 28 | 12 50 | 0 22 |
| T 18 | 19 34 | 26 46 | 4 58 | 18 31 | 0 39 | 8 42 | 1 46 | 1 9 | 1 33 | 22 47 | 0 9 | 21 24 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 30 | 10 31 | 13 24 | 12 51 | 0 22 |
| F 19 | 19 47 | 27 54 | 4 41 | 18 5 | 0 56 | 9 8 | 1 46 | 0 51 | 1 33 | 22 46 | 0 9 | 21 23 | 0 4 | 17 0 | 0 39 | 14 31 | 0 13 | 19 24 | 3 16 | 10 34 | 10 32 | 13 21 | 12 52 | 0 22 |
| S 20 | 19 59 | 27 16 | 4 6 | 17 40 | 1 14 | 9 34 | 1 46 | 0 34 | 1 34 | 22 45 | 0 9 | 21 22 | 0 4 | 17 0 | 0 39 | 14 30 | 0 13 | 19 24 | 3 16 | 10 37 | 10 33 | 13 18 | 12 53 | 0 22 |
| S 21 | 20 12 | 24 53 | 3 16 | 17 16 | 1 30 | 9 59 | 1 46 | 0 16 | 1 34 | 22 43 | 0 9 | 21 21 | 0 4 | 17 0 | 0 39 | 14 30 | 0 13 | 19 24 | 3 15 | 10 40 | 10 34 | 13 15 | 12 54 | 0 22 |
| M22 | 20 24 | 20 56 | 2 14 | 16 53 | 1 46 | 10 24 | 1 45 | 0n 2 | 1 34 | 22 42 | 0 9 | 21 20 | 0 4 | 17 0 | 0 39 | 14 30 | 0 13 | 19 24 | 3 15 | 10 41 | 10 36 | 13 12 | 12 55 | 0 22 |
| T 23 | 20 35 | 15 47 | 1 4 | 16 31 | 2 2 | 10 49 | 1 45 | 0 20 | 1 34 | 22 41 | 0 9 | 21 19 | 0 4 | 17 0 | 0 39 | 14 30 | 0 13 | 19 24 | 3 15 | 10 41 | 10 37 | 13 9 | 12 56 | 0 23 |
| W24 | 20 46 | 9 49 | 0s11 | 16 10 | 2 16 | 11 14 | 1 45 | 0 37 | 1 34 | 22 40 | 0 10 | 21 18 | 0 4 | 17 0 | 0 39 | 14 30 | 0 13 | 19 24 | 3 15 | 10 42 | 10 38 | 13 6 | 12 57 | 0 23 |
| T 25 | 20 57 | 3 22 | 1 24 | 15 52 | 2 30 | 11 38 | 1 44 | 0 55 | 1 35 | 22 39 | 0 10 | 21 17 | 0 5 | 17 0 | 0 39 | 14 29 | 0 13 | 19 24 | 3 15 | 10 42 | 10 39 | 13 3 | 12 58 | 0 23 |
| F 26 | 21 8 | 3s13 | 2 32 | 15 35 | 2 43 | 12 3 | 1 44 | 1 13 | 1 35 | 22 37 | 0 10 | 21 16 | 0 5 | 17 0 | 0 39 | 14 29 | 0 13 | 19 24 | 3 15 | 10 42 | 10 40 | 13 0 | 12 59 | 0 23 |
| S 27 | 21 18 | 9 35 | 3 30 | 15 20 | 2 54 | 12 27 | 1 43 | 1 30 | 1 35 | 22 36 | 0 10 | 21 15 | 0 5 | 17 1 | 0 39 | 14 29 | 0 13 | 19 24 | 3 15 | 10 44 | 10 41 | 12 57 | 13 1 | 0 23 |
| S 28 | 21 28 | 15 27 | 4 16 | 15 7 | 3 5 | 12 50 | 1 42 | 1 48 | 1 35 | 22 35 | 0 10 | 21 14 | 0 5 | 17 1 | 0 39 | 14 29 | 0 13 | 19 24 | 3 15 | 10 46 | 10 42 | 12 54 | 13 2 | 0 23 |
| M29 | 21 37 | 20 28 | 4 46 | 14 57 | 3 14 | 13 14 | 1 41 | 2 6 | 1 35 | 22 33 | 0 10 | 21 13 | 0 5 | 17 1 | 0 39 | 14 28 | 0 13 | 19 23 | 3 15 | 10 49 | 10 43 | 12 51 | 13 3 | 0 23 |
| T 30 | 21 46 | 24 21 | 5 0 | 14 48 | 3 23 | 13 37 | 1 41 | 2 23 | 1 35 | 22 32 | 0 10 | 21 12 | 0 5 | 17 1 | 0 39 | 14 28 | 0 13 | 19 23 | 3 14 | 10 54 | 10 45 | 12 47 | 13 4 | 0 23 |
| W31 | 21n55 | 26s52 | 4s57 | 14n42 | 3s30 | 14n 0 | 1s40 | 2n41 | 1s36 | 22n30 | 0n10 | 21n11 | 0n 5 | 17s 1 | 0s40 | 14n28 | 0n13 | 19n23 | 3s14 | 10s58 | 10s46 | 12s44 | 13n 5 | 0s23 |

Julian Day Number = 2603971.5, Delta T = 09m28s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'30, Lahiri = 29°41'31


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## JUNE 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 39 13 | 11♊ 0'48 | 23♐30 | 21♉34 | 13♉47 | 11♈14 | 16♋56 | 24♋59 | 14°R41 | 21♑39 | 14♋25 | 1°R10 | 1♓53 | 27♒30 | 5♉54 | T 1 |
| F 2 | 16 43 10 | 11°58'25 | 6♑13 | 21°47 | 15° 0 | 11°59 | 17° 9 | 25° 5 | 14♒40 | 21°40 | 14°26 | 0♓59 | 1°50 | 27°36 | 5°58 | F 2 |
| S 3 | 16 47 6 | 12°56'02 | 18°40 | 22° 4 | 16°12 | 12°44 | 17°21 | 25°12 | 14°39 | 21°41 | 14°27 | 0°51 | 1°47 | 27°43 | 6° 1 | S 3 |
| S 4 | 16 51 3 | 13°53'37 | 0♒51 | 22°25 | 17°25 | 13°29 | 17°33 | 25°18 | 14°39 | 21°42 | 14°28 | 0°45 | 1°43 | 27°50 | 6° 4 | S 4 |
| M 5 | 16 54 59 | 14°51'12 | 12°51 | 22°50 | 18°37 | 14°14 | 17°46 | 25°25 | 14°38 | 21°44 | 14°30 | 0°41 | 1°40 | 27°56 | 6° 7 | M 5 |
| T 6 | 16 58 56 | 15°48'46 | 24°42 | 23°20 | 19°50 | 14°59 | 17°58 | 25°31 | 14°37 | 21°45 | 14°31 | 0°40 | 1°37 | 28° 3 | 6°10 | T 6 |
| W 7 | 17 2 53 | 16°46'18 | 6♓31 | 23°54 | 21° 2 | 15°44 | 18°10 | 25°38 | 14°36 | 21°46 | 14°32 | 0°D40 | 1°34 | 28°10 | 6°14 | W 7 |
| T 8 | 17 6 49 | 17°43'50 | 18°21 | 24°32 | 22°15 | 16°29 | 18°23 | 25°45 | 14°35 | 21°47 | 14°34 | 0°R40 | 1°31 | 28°16 | 6°17 | T 8 |
| F 9 | 17 10 46 | 18°41'21 | 0♈19 | 25°14 | 23°27 | 17°13 | 18°35 | 25°51 | 14°34 | 21°48 | 14°35 | 0°40 | 1°28 | 28°23 | 6°20 | F 9 |
| S 10 | 17 14 42 | 19°38'52 | 12°29 | 26° 0 | 24°40 | 17°58 | 18°48 | 25°58 | 14°33 | 21°49 | 14°36 | 0°37 | 1°24 | 28°30 | 6°23 | S 10 |
| S 11 | 17 18 39 | 20°36'21 | 24°57 | 26°49 | 25°52 | 18°43 | 19° 1 | 26° 5 | 14°32 | 21°51 | 14°38 | 0°33 | 1°21 | 28°36 | 6°26 | S 11 |
| M12 | 17 22 35 | 21°33'50 | 7♉45 | 27°43 | 27° 5 | 19°27 | 19°13 | 26°12 | 14°31 | 21°52 | 14°39 | 0°26 | 1°18 | 28°43 | 6°29 | M12 |
| T 13 | 17 26 32 | 22°31'19 | 20°58 | 28°39 | 28°18 | 20°12 | 19°26 | 26°19 | 14°30 | 21°53 | 14°41 | 0°17 | 1°15 | 28°49 | 6°32 | T 13 |
| W14 | 17 30 28 | 23°28'46 | 4♊34 | 29°39 | 29°30 | 20°56 | 19°39 | 26°26 | 14°29 | 21°54 | 14°42 | 0° 7 | 1°12 | 28°56 | 6°34 | W14 |
| T 15 | 17 34 25 | 24°26'13 | 18°31 | 0♊43 | 0♊43 | 21°41 | 19°52 | 26°33 | 14°27 | 21°56 | 14°43 | 29♒56 | 1° 9 | 29° 3 | 6°37 | T 15 |
| F 16 | 17 38 22 | 25°23'39 | 2♋46 | 1°50 | 1°56 | 22°25 | 20° 5 | 26°40 | 14°26 | 21°57 | 14°45 | 29°47 | 1° 5 | 29° 9 | 6°40 | F 16 |
| S 17 | 17 42 18 | 26°21'05 | 17°12 | 3° 0 | 3° 8 | 23°10 | 20°17 | 26°47 | 14°25 | 21°59 | 14°46 | 29°39 | 1° 2 | 29°16 | 6°43 | S 17 |
| S 18 | 17 46 15 | 27°18'29 | 1♌45 | 4°14 | 4°21 | 23°54 | 20°30 | 26°54 | 14°23 | 22° 0 | 14°48 | 29°34 | 0°59 | 29°23 | 6°46 | S 18 |
| M19 | 17 50 11 | 28°15'52 | 16°16 | 5°30 | 5°34 | 24°38 | 20°43 | 27° 1 | 14°22 | 22° 1 | 14°49 | 29°31 | 0°56 | 29°29 | 6°48 | M19 |
| T 20 | 17 54 8 | 29°13'15 | 0♍42 | 6°50 | 6°46 | 25°22 | 20°56 | 27° 8 | 14°21 | 22° 3 | 14°51 | 29°D30 | 0°53 | 29°36 | 6°51 | T 20 |
| W21 | 17 58 4 | 0♋10'36 | 15° 0 | 8°13 | 7°59 | 26° 6 | 21° 9 | 27°15 | 14°19 | 22° 4 | 14°52 | 29°31 | 0°49 | 29°43 | 6°54 | W21 |
| T 22 | 18 2 1 | 1° 7'56 | 29° 6 | 9°39 | 9°12 | 26°50 | 21°22 | 27°23 | 14°18 | 22° 6 | 14°54 | 29°R31 | 0°46 | 29°49 | 6°56 | T 22 |
| F 23 | 18 5 57 | 2° 5'16 | 13♎ 1 | 11° 8 | 10°25 | 27°34 | 21°36 | 27°30 | 14°16 | 22° 7 | 14°55 | 29°31 | 0°43 | 29°56 | 6°59 | F 23 |
| S 24 | 18 9 54 | 3° 2'34 | 26°45 | 12°39 | 11°37 | 28°18 | 21°49 | 27°37 | 14°15 | 22° 9 | 14°56 | 29°28 | 0°40 | 0♓ 3 | 7° 1 | S 24 |
| S 25 | 18 13 51 | 3°59'52 | 10♏16 | 14°14 | 12°50 | 29° 2 | 22° 2 | 27°44 | 14°13 | 22°11 | 14°58 | 29°24 | 0°37 | 0° 9 | 7° 4 | S 25 |
| M26 | 18 17 47 | 4°57'09 | 23°36 | 15°52 | 14° 3 | 29°46 | 22°15 | 27°52 | 14°11 | 22°12 | 14°59 | 29°17 | 0°34 | 0°16 | 7° 6 | M26 |
| T 27 | 18 21 44 | 5°54'25 | 6♐43 | 17°33 | 15°16 | 0♉30 | 22°28 | 27°59 | 14°10 | 22°14 | 15° 1 | 29° 9 | 0°30 | 0°22 | 7° 8 | T 27 |
| W28 | 18 25 40 | 6°51'41 | 19°37 | 19°17 | 16°29 | 1°13 | 22°41 | 28° 7 | 14° 8 | 22°16 | 15° 2 | 29° 0 | 0°27 | 0°29 | 7°11 | W28 |
| T 29 | 18 29 37 | 7°48'56 | 2♑18 | 21° 3 | 17°42 | 1°57 | 22°55 | 28°14 | 14° 6 | 22°17 | 15° 4 | 28°51 | 0°24 | 0°36 | 7°13 | T 29 |
| F 30 | 18 33 33 | 8♋46'11 | 14♑46 | 22♊53 | 18♊54 | 2♉40 | 23♋ 8 | 28♋22 | 14♒ 4 | 22♑19 | 15♋ 5 | 28♒43 | 0♓21 | 0♓42 | 7♉15 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 3 | 27s52 | 4s38 | 14n38 | 3s36 | 14n22 | 1s39 | 2n58 | 1s36 | 22n29 | 0n10 | 21n10 | 0n 5 | 17s 2 | 0s40 | 14n27 | 0n13 | 19n23 | 3s14 | 11s 2 | 10s47 | 12s41 | 13n 6 | 0s23 |
| F 2 | 22 11 | 27 21 | 4 6 | 14 37 | 3 41 | 14 45 | 1 38 | 3 16 | 1 36 | 22 28 | 0 10 | 21 9 | 0 5 | 17 2 | 0 40 | 14 27 | 0 13 | 19 23 | 3 14 | 11 6 | 10 48 | 12 38 | 13 7 | 0 23 |
| S 3 | 22 18 | 25 27 | 3 23 | 14 37 | 3 45 | 15 7 | 1 36 | 3 33 | 1 36 | 22 26 | 0 10 | 21 8 | 0 5 | 17 2 | 0 40 | 14 27 | 0 13 | 19 23 | 3 14 | 11 9 | 10 49 | 12 35 | 13 8 | 0 24 |
| S 4 | 22 25 | 22 23 | 2 31 | 14 39 | 3 48 | 15 28 | 1 35 | 3 50 | 1 36 | 22 25 | 0 10 | 21 7 | 0 5 | 17 2 | 0 40 | 14 26 | 0 13 | 19 23 | 3 14 | 11 11 | 10 50 | 12 32 | 13 9 | 0 24 |
| M 5 | 22 32 | 18 24 | 1 33 | 14 44 | 3 50 | 15 49 | 1 34 | 4 7 | 1 36 | 22 23 | 0 10 | 21 6 | 0 5 | 17 3 | 0 40 | 14 26 | 0 13 | 19 23 | 3 14 | 11 12 | 10 51 | 12 29 | 13 10 | 0 24 |
| T 6 | 22 38 | 13 45 | 0 32 | 14 50 | 3 51 | 16 10 | 1 33 | 4 25 | 1 36 | 22 22 | 0 11 | 21 5 | 0 6 | 17 3 | 0 40 | 14 26 | 0 13 | 19 23 | 3 14 | 11 13 | 10 53 | 12 26 | 13 10 | 0 24 |
| W 7 | 22 44 | 8 37 | 0n31 | 14 59 | 3 51 | 16 30 | 1 31 | 4 42 | 1 36 | 22 20 | 0 11 | 21 4 | 0 6 | 17 3 | 0 40 | 14 25 | 0 13 | 19 23 | 3 14 | 11 13 | 10 54 | 12 23 | 13 11 | 0 24 |
| T 8 | 22 49 | 3 11 | 1 33 | 15 8 | 3 50 | 16 50 | 1 30 | 4 59 | 1 36 | 22 18 | 0 11 | 21 3 | 0 6 | 17 3 | 0 40 | 14 25 | 0 13 | 19 23 | 3 14 | 11 13 | 10 55 | 12 19 | 13 12 | 0 24 |
| F 9 | 22 54 | 2n26 | 2 31 | 15 20 | 3 48 | 17 10 | 1 28 | 5 16 | 1 36 | 22 17 | 0 11 | 21 1 | 0 6 | 17 4 | 0 40 | 14 25 | 0 13 | 19 23 | 3 14 | 11 13 | 10 56 | 12 16 | 13 13 | 0 24 |
| S 10 | 22 59 | 8 2 | 3 23 | 15 33 | 3 46 | 17 29 | 1 27 | 5 33 | 1 36 | 22 15 | 0 11 | 21 0 | 0 6 | 17 4 | 0 40 | 14 24 | 0 13 | 19 23 | 3 13 | 11 14 | 10 57 | 12 13 | 13 14 | 0 24 |
| S 11 | 23 3 | 13 28 | 4 7 | 15 48 | 3 43 | 17 48 | 1 25 | 5 50 | 1 36 | 22 13 | 0 11 | 20 59 | 0 6 | 17 4 | 0 40 | 14 24 | 0 13 | 19 23 | 3 13 | 11 15 | 10 58 | 12 10 | 13 15 | 0 24 |
| M12 | 23 7 | 18 29 | 4 40 | 16 3 | 3 39 | 18 6 | 1 24 | 6 7 | 1 36 | 22 12 | 0 11 | 20 58 | 0 6 | 17 5 | 0 40 | 14 23 | 0 13 | 19 23 | 3 13 | 11 18 | 10 59 | 12 7 | 13 16 | 0 24 |
| T 13 | 23 11 | 22 46 | 4 59 | 16 20 | 3 34 | 18 24 | 1 22 | 6 23 | 1 36 | 22 10 | 0 11 | 20 57 | 0 6 | 17 5 | 0 40 | 14 23 | 0 13 | 19 23 | 3 13 | 11 21 | 11 0 | 12 4 | 13 17 | 0 24 |
| W14 | 23 14 | 25 57 | 5 2 | 16 38 | 3 28 | 18 42 | 1 20 | 6 40 | 1 36 | 22 8 | 0 11 | 20 55 | 0 6 | 17 5 | 0 40 | 14 23 | 0 13 | 19 23 | 3 13 | 11 25 | 11 2 | 12 1 | 13 18 | 0 25 |
| T 15 | 23 16 | 27 40 | 4 47 | 16 57 | 3 22 | 18 59 | 1 18 | 6 57 | 1 36 | 22 6 | 0 11 | 20 54 | 0 6 | 17 6 | 0 40 | 14 22 | 0 13 | 19 23 | 3 13 | 11 28 | 11 3 | 11 57 | 13 19 | 0 25 |
| F 16 | 23 18 | 27 36 | 4 15 | 17 17 | 3 15 | 19 15 | 1 17 | 7 13 | 1 36 | 22 5 | 0 11 | 20 53 | 0 6 | 17 6 | 0 40 | 14 22 | 0 13 | 19 23 | 3 13 | 11 32 | 11 4 | 11 54 | 13 19 | 0 25 |
| S 17 | 23 20 | 25 41 | 3 26 | 17 38 | 3 8 | 19 31 | 1 15 | 7 29 | 1 36 | 22 3 | 0 11 | 20 52 | 0 6 | 17 7 | 0 40 | 14 21 | 0 13 | 19 22 | 3 13 | 11 34 | 11 5 | 11 51 | 13 20 | 0 25 |
| S 18 | 23 22 | 22 3 | 2 23 | 17 59 | 3 0 | 19 47 | 1 13 | 7 46 | 1 36 | 22 1 | 0 12 | 20 50 | 0 7 | 17 7 | 0 40 | 14 21 | 0 13 | 19 22 | 3 13 | 11 36 | 11 6 | 11 48 | 13 21 | 0 25 |
| M19 | 23 23 | 17 3 | 1 10 | 18 21 | 2 52 | 20 1 | 1 11 | 8 2 | 1 36 | 21 59 | 0 12 | 20 49 | 0 7 | 17 8 | 0 40 | 14 20 | 0 13 | 19 22 | 3 13 | 11 37 | 11 7 | 11 45 | 13 22 | 0 25 |
| T 20 | 23 23 | 11 6 | 0s 6 | 18 43 | 2 43 | 20 16 | 1 9 | 8 18 | 1 36 | 21 57 | 0 12 | 20 48 | 0 7 | 17 8 | 0 40 | 14 20 | 0 13 | 19 22 | 3 13 | 11 37 | 11 8 | 11 42 | 13 23 | 0 25 |
| W21 | 23 23 | 4 38 | 1 22 | 19 6 | 2 34 | 20 30 | 1 7 | 8 34 | 1 36 | 21 55 | 0 12 | 20 46 | 0 7 | 17 8 | 0 40 | 14 19 | 0 13 | 19 22 | 3 13 | 11 37 | 11 9 | 11 39 | 13 23 | 0 25 |
| T 22 | 23 23 | 1s58 | 2 32 | 19 29 | 2 24 | 20 43 | 1 4 | 8 50 | 1 36 | 21 53 | 0 12 | 20 45 | 0 7 | 17 9 | 0 40 | 14 19 | 0 13 | 19 22 | 3 13 | 11 37 | 11 11 | 11 35 | 13 24 | 0 25 |
| F 23 | 23 22 | 8 23 | 3 31 | 19 51 | 2 14 | 20 56 | 1 2 | 9 6 | 1 36 | 21 51 | 0 12 | 20 44 | 0 7 | 17 9 | 0 40 | 14 18 | 0 13 | 19 22 | 3 12 | 11 37 | 11 12 | 11 32 | 13 25 | 0 25 |
| S 24 | 23 21 | 14 18 | 4 18 | 20 14 | 2 3 | 21 8 | 1 0 | 9 21 | 1 36 | 21 49 | 0 12 | 20 42 | 0 7 | 17 10 | 0 40 | 14 18 | 0 13 | 19 22 | 3 12 | 11 38 | 11 13 | 11 29 | 13 25 | 0 26 |
| S 25 | 23 20 | 19 26 | 4 49 | 20 36 | 1 52 | 21 20 | 0 58 | 9 37 | 1 36 | 21 47 | 0 12 | 20 41 | 0 7 | 17 10 | 0 40 | 14 17 | 0 13 | 19 22 | 3 12 | 11 39 | 11 14 | 11 26 | 13 26 | 0 26 |
| M26 | 23 18 | 23 32 | 5 4 | 20 58 | 1 41 | 21 31 | 0 56 | 9 53 | 1 35 | 21 45 | 0 12 | 20 40 | 0 7 | 17 11 | 0 40 | 14 17 | 0 13 | 19 22 | 3 12 | 11 42 | 11 15 | 11 23 | 13 27 | 0 26 |
| T 27 | 23 15 | 26 22 | 5 3 | 21 19 | 1 30 | 21 41 | 0 53 | 10 8 | 1 35 | 21 43 | 0 12 | 20 38 | 0 7 | 17 11 | 0 40 | 14 16 | 0 13 | 19 22 | 3 12 | 11 45 | 11 16 | 11 20 | 13 28 | 0 26 |
| W28 | 23 13 | 27 45 | 4 47 | 21 39 | 1 18 | 21 51 | 0 51 | 10 23 | 1 35 | 21 41 | 0 12 | 20 37 | 0 7 | 17 12 | 0 40 | 14 16 | 0 13 | 19 22 | 3 12 | 11 48 | 11 17 | 11 16 | 13 28 | 0 26 |
| T 29 | 23 9 | 27 38 | 4 16 | 21 59 | 1 7 | 22 0 | 0 49 | 10 38 | 1 35 | 21 39 | 0 12 | 20 35 | 0 7 | 17 12 | 0 40 | 14 15 | 0 13 | 19 21 | 3 12 | 11 51 | 11 18 | 11 13 | 13 29 | 0 26 |
| F 30 | 23n 6 | 26s 6 | 3s33 | 22n17 | 0s55 | 22n 9 | 0s46 | 10n53 | 1s35 | 21n37 | 0n13 | 20n34 | 0n 8 | 17s13 | 0s40 | 14n15 | 0n13 | 19n21 | 3s12 | 11s54 | 11s20 | 11s10 | 13n29 | 0s26 |

Julian Day Number = 2604002.5, Delta T = 09m29s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'34, Lahiri = 29°41'35


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## JULY 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 30 | 9♋43'25 | 27♉ 1 | 24♊45 | 20♊ 7 | 3♉24 | 23♋21 | 28♋29 | 14°R 2 | 22♌21 | 15♋ 7 | 28°R37 | 0♓18 | 0♓49 | 7♉18 | S 1 |
| S 2 | 18 41 27 | 10°40'40 | 9♒ 5 | 26°40 | 21°20 | 4° 7 | 23°34 | 28°37 | 14♒ 1 | 22°22 | 15° 8 | 28♒33 | 0°15 | 0°56 | 7°20 | S 2 |
| M 3 | 18 45 23 | 11°37'53 | 21° 0 | 28°37 | 22°33 | 4°50 | 23°48 | 28°44 | 13°59 | 22°24 | 15°10 | 28°31 | 0°11 | 1° 2 | 7°22 | M 3 |
| T 4 | 18 49 20 | 12°35'07 | 2♓49 | 0♋36 | 23°46 | 5°33 | 24° 1 | 28°52 | 13°57 | 22°26 | 15°11 | 28°D31 | 0° 8 | 1° 9 | 7°24 | T 4 |
| W 5 | 18 53 16 | 13°32'21 | 14°37 | 2°38 | 24°59 | 6°17 | 24°15 | 28°59 | 13°55 | 22°28 | 15°13 | 28°32 | 0° 5 | 1°16 | 7°26 | W 5 |
| T 6 | 18 57 13 | 14°29'34 | 26°27 | 4°42 | 26°12 | 7° 0 | 24°28 | 29° 7 | 13°53 | 22°30 | 15°14 | 28°33 | 0° 2 | 1°22 | 7°28 | T 6 |
| F 7 | 19 1 9 | 15°26'48 | 8♈24 | 6°47 | 27°25 | 7°43 | 24°41 | 29°15 | 13°51 | 22°31 | 15°16 | 28°34 | 29♒59 | 1°29 | 7°30 | F 7 |
| S 8 | 19 5 6 | 16°24'02 | 20°34 | 8°55 | 28°38 | 8°25 | 24°55 | 29°22 | 13°49 | 22°33 | 15°17 | 28°R34 | 29°55 | 1°36 | 7°32 | S 8 |
| S 9 | 19 9 2 | 17°21'16 | 3♉ 1 | 11° 3 | 29°52 | 9° 8 | 25° 8 | 29°30 | 13°47 | 22°35 | 15°19 | 28°33 | 29°52 | 1°42 | 7°33 | S 9 |
| M10 | 19 12 59 | 18°18'30 | 15°51 | 13°12 | 1♋ 5 | 9°51 | 25°22 | 29°38 | 13°45 | 22°37 | 15°20 | 28°30 | 29°49 | 1°49 | 7°35 | M10 |
| T 11 | 19 16 56 | 19°15'45 | 29° 5 | 15°22 | 2°18 | 10°34 | 25°35 | 29°45 | 13°43 | 22°39 | 15°22 | 28°26 | 29°46 | 1°56 | 7°37 | T 11 |
| W12 | 19 20 52 | 20°12'59 | 12♊45 | 17°32 | 3°31 | 11°16 | 25°48 | 29°53 | 13°41 | 22°41 | 15°23 | 28°20 | 29°43 | 2° 2 | 7°39 | W12 |
| T 13 | 19 24 49 | 21°10'14 | 26°52 | 19°43 | 4°44 | 11°59 | 26° 2 | 0♌ 1 | 13°38 | 22°43 | 15°25 | 28°15 | 29°40 | 2° 9 | 7°40 | T 13 |
| F 14 | 19 28 45 | 22° 7'29 | 11♋20 | 21°53 | 5°57 | 12°41 | 26°15 | 0° 8 | 13°36 | 22°45 | 15°26 | 28° 9 | 29°36 | 2°15 | 7°42 | F 14 |
| S 15 | 19 32 42 | 23° 4'44 | 26° 5 | 24° 3 | 7°11 | 13°23 | 26°29 | 0°16 | 13°34 | 22°47 | 15°28 | 28° 5 | 29°33 | 2°22 | 7°43 | S 15 |
| S 16 | 19 36 38 | 24° 2'00 | 10♌58 | 26°12 | 8°24 | 14° 5 | 26°42 | 0°24 | 13°32 | 22°49 | 15°29 | 28° 2 | 29°30 | 2°29 | 7°45 | S 16 |
| M17 | 19 40 35 | 24°59'15 | 25°52 | 28°20 | 9°37 | 14°48 | 26°56 | 0°32 | 13°30 | 22°51 | 15°31 | 28°D 2 | 29°27 | 2°35 | 7°46 | M17 |
| T 18 | 19 44 31 | 25°56'30 | 10♍40 | 0♌27 | 10°50 | 15°30 | 27° 9 | 0°39 | 13°27 | 22°53 | 15°32 | 28° 2 | 29°24 | 2°42 | 7°48 | T 18 |
| W19 | 19 48 28 | 26°53'45 | 25°15 | 2°33 | 12° 4 | 16°11 | 27°23 | 0°47 | 13°25 | 22°55 | 15°34 | 28° 3 | 29°21 | 2°49 | 7°49 | W19 |
| T 20 | 19 52 25 | 27°51'00 | 9♎33 | 4°37 | 13°17 | 16°53 | 27°36 | 0°55 | 13°23 | 22°57 | 15°35 | 28° 5 | 29°17 | 2°55 | 7°50 | T 20 |
| F 21 | 19 56 21 | 28°48'15 | 23°33 | 6°40 | 14°30 | 17°35 | 27°50 | 1° 3 | 13°21 | 22°59 | 15°37 | 28°R 5 | 29°14 | 3° 2 | 7°51 | F 21 |
| S 22 | 20 0 18 | 29°45'30 | 7♏13 | 8°42 | 15°44 | 18°16 | 28° 3 | 1°11 | 13°18 | 23° 1 | 15°38 | 28° 5 | 29°11 | 3° 9 | 7°52 | S 22 |
| S 23 | 20 4 14 | 0♌42'45 | 20°35 | 10°42 | 16°57 | 18°58 | 28°17 | 1°18 | 13°16 | 23° 3 | 15°40 | 28° 4 | 29° 8 | 3°15 | 7°54 | S 23 |
| M24 | 20 8 11 | 1°40'00 | 3♐40 | 12°40 | 18°11 | 19°39 | 28°30 | 1°26 | 13°14 | 23° 5 | 15°41 | 28° 2 | 29° 5 | 3°22 | 7°55 | M24 |
| T 25 | 20 12 7 | 2°37'16 | 16°30 | 14°36 | 19°24 | 20°20 | 28°44 | 1°34 | 13°11 | 23° 7 | 15°43 | 27°58 | 29° 1 | 3°29 | 7°56 | T 25 |
| W26 | 20 16 4 | 3°34'31 | 29° 5 | 16°31 | 20°37 | 21° 2 | 28°57 | 1°42 | 13° 9 | 23° 9 | 15°44 | 27°54 | 28°58 | 3°35 | 7°57 | W26 |
| T 27 | 20 20 0 | 4°31'47 | 11♑29 | 18°23 | 21°51 | 21°43 | 29°10 | 1°50 | 13° 7 | 23°11 | 15°45 | 27°51 | 28°55 | 3°42 | 7°57 | T 27 |
| F 28 | 20 23 57 | 5°29'03 | 23°41 | 20°14 | 23° 4 | 22°23 | 29°24 | 1°57 | 13° 4 | 23°14 | 15°47 | 27°47 | 28°52 | 3°49 | 7°58 | F 28 |
| S 29 | 20 27 54 | 6°26'20 | 5♒44 | 22° 4 | 24°18 | 23° 4 | 29°37 | 2° 5 | 13° 2 | 23°16 | 15°48 | 27°45 | 28°49 | 3°55 | 7°59 | S 29 |
| S 30 | 20 31 50 | 7°23'37 | 17°40 | 23°51 | 25°32 | 23°45 | 29°51 | 2°13 | 12°59 | 23°18 | 15°50 | 27°44 | 28°46 | 4° 2 | 8° 0 | S 30 |
| M31 | 20 35 47 | 8♌20'55 | 29♒30 | 25♌37 | 26♋45 | 24♉25 | 0♌ 4 | 2♌21 | 12♒57 | 23♌20 | 15♋51 | 27°D43 | 28♒42 | 4♓ 8 | 8♉ 0 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 2 | 23s21 | 2s42 | 22n34 | 0s43 | 22n17 | 0s44 | 11n 8 | 1s34 | 21n35 | 0n13 | 20n33 | 0n 8 | 17s14 | 0s41 | 14n14 | 0n13 | 19n21 | 3s12 | 11s56 | 11s21 | 11s 7 | 13n30 | 0s26 |
| S 2 | 22 58 | 19 36 | 1 43 | 22 49 | 0 31 | 22 25 | 0 42 | 11 23 | 1 34 | 21 33 | 0 13 | 20 31 | 0 8 | 17 14 | 0 41 | 14 14 | 0 13 | 19 21 | 3 12 | 11 57 | 11 22 | 11 4 | 13 31 | 0 26 |
| M 3 | 22 53 | 15 6 | 0 41 | 23 3 | 0 20 | 22 31 | 0 39 | 11 38 | 1 34 | 21 30 | 0 13 | 20 30 | 0 8 | 17 15 | 0 41 | 14 13 | 0 13 | 19 21 | 3 12 | 11 58 | 11 23 | 11 1 | 13 31 | 0 26 |
| T 4 | 22 48 | 10 5 | 0n23 | 23 15 | 0 8 | 22 38 | 0 37 | 11 52 | 1 34 | 21 28 | 0 13 | 20 28 | 0 8 | 17 15 | 0 41 | 14 12 | 0 13 | 19 21 | 3 12 | 11 58 | 11 24 | 10 57 | 13 32 | 0 27 |
| W 5 | 22 42 | 4 43 | 1 26 | 23 25 | 0n 3 | 22 43 | 0 34 | 12 7 | 1 33 | 21 26 | 0 13 | 20 27 | 0 8 | 17 16 | 0 41 | 14 12 | 0 13 | 19 21 | 3 12 | 11 58 | 11 25 | 10 54 | 13 32 | 0 27 |
| T 6 | 22 36 | 0n49 | 2 26 | 23 32 | 0 14 | 22 48 | 0 32 | 12 21 | 1 33 | 21 24 | 0 13 | 20 25 | 0 8 | 17 16 | 0 41 | 14 11 | 0 13 | 19 21 | 3 12 | 11 57 | 11 26 | 10 51 | 13 33 | 0 27 |
| F 7 | 22 30 | 6 23 | 3 19 | 23 37 | 0 25 | 22 52 | 0 29 | 12 35 | 1 33 | 21 21 | 0 13 | 20 24 | 0 8 | 17 17 | 0 41 | 14 11 | 0 13 | 19 21 | 3 12 | 11 57 | 11 27 | 10 48 | 13 33 | 0 27 |
| S 8 | 22 23 | 11 48 | 4 5 | 23 40 | 0 35 | 22 56 | 0 27 | 12 49 | 1 33 | 21 19 | 0 13 | 20 22 | 0 8 | 17 18 | 0 41 | 14 10 | 0 13 | 19 20 | 3 12 | 11 57 | 11 28 | 10 45 | 13 34 | 0 27 |
| S 9 | 22 16 | 16 53 | 4 41 | 23 40 | 0 45 | 22 59 | 0 24 | 13 3 | 1 32 | 21 17 | 0 13 | 20 21 | 0 8 | 17 18 | 0 41 | 14 10 | 0 13 | 19 20 | 3 11 | 11 57 | 11 30 | 10 41 | 13 34 | 0 27 |
| M10 | 22 8 | 21 23 | 5 3 | 23 38 | 0 54 | 23 1 | 0 22 | 13 17 | 1 32 | 21 14 | 0 13 | 20 19 | 0 8 | 17 19 | 0 41 | 14 9 | 0 13 | 19 20 | 3 11 | 11 58 | 11 31 | 10 38 | 13 35 | 0 27 |
| T 11 | 22 0 | 24 58 | 5 11 | 23 32 | 1 2 | 23 3 | 0 19 | 13 30 | 1 32 | 21 12 | 0 13 | 20 18 | 0 8 | 17 19 | 0 41 | 14 8 | 0 13 | 19 20 | 3 11 | 12 0 | 11 32 | 10 35 | 13 35 | 0 27 |
| W12 | 21 52 | 27 15 | 5 1 | 23 24 | 1 10 | 23 4 | 0 17 | 13 44 | 1 31 | 21 10 | 0 14 | 20 16 | 0 9 | 17 20 | 0 41 | 14 8 | 0 13 | 19 20 | 3 11 | 12 2 | 11 33 | 10 32 | 13 36 | 0 27 |
| T 13 | 21 43 | 27 54 | 4 33 | 23 13 | 1 17 | 23 4 | 0 14 | 13 57 | 1 31 | 21 7 | 0 14 | 20 15 | 0 9 | 17 21 | 0 41 | 14 7 | 0 13 | 19 20 | 3 11 | 12 4 | 11 34 | 10 29 | 13 36 | 0 28 |
| F 14 | 21 34 | 26 41 | 3 47 | 23 0 | 1 24 | 23 3 | 0 12 | 14 10 | 1 31 | 21 5 | 0 14 | 20 13 | 0 9 | 17 21 | 0 41 | 14 6 | 0 13 | 19 20 | 3 11 | 12 5 | 11 35 | 10 26 | 13 37 | 0 28 |
| S 15 | 21 25 | 23 36 | 2 46 | 22 44 | 1 30 | 23 2 | 0 9 | 14 23 | 1 30 | 21 2 | 0 14 | 20 12 | 0 9 | 17 22 | 0 41 | 14 6 | 0 13 | 19 20 | 3 11 | 12 7 | 11 36 | 10 22 | 13 37 | 0 28 |
| S 16 | 21 15 | 18 55 | 1 32 | 22 25 | 1 35 | 23 0 | 0 7 | 14 36 | 1 30 | 21 0 | 0 14 | 20 10 | 0 9 | 17 23 | 0 41 | 14 5 | 0 13 | 19 20 | 3 11 | 12 8 | 11 37 | 10 19 | 13 37 | 0 28 |
| M17 | 21 5 | 13 3 | 0 12 | 22 4 | 1 39 | 22 58 | 0 4 | 14 49 | 1 29 | 20 57 | 0 14 | 20 8 | 0 9 | 17 23 | 0 41 | 14 4 | 0 13 | 19 19 | 3 11 | 12 8 | 11 38 | 10 16 | 13 38 | 0 28 |
| T 18 | 20 55 | 6 30 | 1s 9 | 21 41 | 1 42 | 22 55 | 0 2 | 15 1 | 1 29 | 20 55 | 0 14 | 20 7 | 0 9 | 17 24 | 0 41 | 14 4 | 0 13 | 19 19 | 3 11 | 12 8 | 11 40 | 10 13 | 13 38 | 0 28 |
| W19 | 20 44 | 0s19 | 2 24 | 21 15 | 1 45 | 22 51 | 0n 1 | 15 14 | 1 29 | 20 52 | 0 14 | 20 5 | 0 9 | 17 25 | 0 41 | 14 3 | 0 13 | 19 19 | 3 11 | 12 7 | 11 41 | 10 9 | 13 38 | 0 28 |
| T 20 | 20 33 | 6 58 | 3 28 | 20 48 | 1 47 | 22 47 | 0 3 | 15 26 | 1 28 | 20 50 | 0 14 | 20 4 | 0 9 | 17 25 | 0 41 | 14 3 | 0 13 | 19 19 | 3 11 | 12 7 | 11 42 | 10 6 | 13 39 | 0 28 |
| F 21 | 20 21 | 13 8 | 4 19 | 20 19 | 1 48 | 22 42 | 0 6 | 15 38 | 1 28 | 20 47 | 0 14 | 20 2 | 0 9 | 17 26 | 0 41 | 14 2 | 0 13 | 19 19 | 3 11 | 12 7 | 11 43 | 10 3 | 13 39 | 0 28 |
| S 22 | 20 9 | 18 31 | 4 53 | 19 48 | 1 49 | 22 36 | 0 8 | 15 50 | 1 27 | 20 45 | 0 14 | 20 0 | 0 9 | 17 27 | 0 41 | 14 1 | 0 13 | 19 19 | 3 11 | 12 7 | 11 44 | 10 0 | 13 39 | 0 28 |
| S 23 | 19 57 | 22 51 | 5 11 | 19 15 | 1 49 | 22 29 | 0 11 | 16 2 | 1 27 | 20 42 | 0 15 | 19 59 | 0 9 | 17 27 | 0 41 | 14 1 | 0 13 | 19 19 | 3 11 | 12 7 | 11 45 | 9 57 | 13 40 | 0 29 |
| M24 | 19 45 | 25 57 | 5 12 | 18 42 | 1 48 | 22 22 | 0 13 | 16 14 | 1 26 | 20 39 | 0 15 | 19 57 | 0 10 | 17 28 | 0 41 | 14 0 | 0 13 | 19 19 | 3 11 | 12 8 | 11 46 | 9 53 | 13 40 | 0 29 |
| T 25 | 19 32 | 27 38 | 4 58 | 18 7 | 1 46 | 22 15 | 0 15 | 16 25 | 1 26 | 20 37 | 0 15 | 19 55 | 0 10 | 17 29 | 0 41 | 13 59 | 0 13 | 19 18 | 3 11 | 12 9 | 11 47 | 9 50 | 13 40 | 0 29 |
| W26 | 19 19 | 27 52 | 4 29 | 17 31 | 1 44 | 22 6 | 0 18 | 16 36 | 1 25 | 20 34 | 0 15 | 19 54 | 0 10 | 17 29 | 0 41 | 13 58 | 0 13 | 19 18 | 3 11 | 12 11 | 11 48 | 9 47 | 13 40 | 0 29 |
| T 27 | 19 5 | 26 40 | 3 48 | 16 54 | 1 41 | 21 57 | 0 20 | 16 47 | 1 25 | 20 31 | 0 15 | 19 52 | 0 10 | 17 30 | 0 41 | 13 58 | 0 13 | 19 18 | 3 11 | 12 12 | 11 49 | 9 44 | 13 40 | 0 29 |
| F 28 | 18 51 | 24 13 | 2 57 | 16 16 | 1 38 | 21 47 | 0 23 | 16 58 | 1 24 | 20 29 | 0 15 | 19 51 | 0 10 | 17 31 | 0 41 | 13 57 | 0 13 | 19 18 | 3 11 | 12 13 | 11 51 | 9 41 | 13 41 | 0 29 |
| S 29 | 18 37 | 20 42 | 1 58 | 15 37 | 1 34 | 21 37 | 0 25 | 17 9 | 1 24 | 20 26 | 0 15 | 19 49 | 0 10 | 17 31 | 0 41 | 13 56 | 0 13 | 19 18 | 3 11 | 12 14 | 11 52 | 9 37 | 13 41 | 0 29 |
| S 30 | 18 23 | 16 23 | 0 55 | 14 58 | 1 30 | 21 26 | 0 27 | 17 20 | 1 23 | 20 23 | 0 15 | 19 47 | 0 10 | 17 32 | 0 41 | 13 56 | 0 13 | 19 18 | 3 11 | 12 14 | 11 53 | 9 34 | 13 41 | 0 29 |
| M31 | 18n 8 | 11s28 | 0n10 | 14n18 | 1n25 | 21n15 | 0n30 | 17n30 | 1s22 | 20n20 | 0n15 | 19n46 | 0n10 | 17s33 | 0s41 | 13n55 | 0n13 | 19n18 | 3s11 | 12s14 | 11s54 | 9s31 | 13n41 | 0s29 |

Julian Day Number = 2604032.5, Delta T = 09m29s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'38, Lahiri = 29°41'39


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## AUGUST 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 39 43 | 9♌18'13 | 11♓18 | 27♌21 | 27♋59 | 25♉ 6 | 0♌17 | 2♌28 | 12°R55 | 23♌22 | 15♋52 | 27♒44 | 28♒39 | 4♓15 | 8♉ 1 | T 1 |
| W 2 | 20 43 40 | 10°15'32 | 23° 6 | 29° 3 | 29°12 | 25°46 | 0°31 | 2°36 | 12♒52 | 23°24 | 15°54 | 27°45 | 28°36 | 4°22 | 8° 2 | W 2 |
| T 3 | 20 47 36 | 11°12'52 | 4♈57 | 0♍43 | 0♌26 | 26°26 | 0°44 | 2°44 | 12°50 | 23°27 | 15°55 | 27°46 | 28°33 | 4°28 | 8° 2 | T 3 |
| F 4 | 20 51 33 | 12°10'13 | 16°55 | 2°22 | 1°40 | 27° 6 | 0°57 | 2°52 | 12°47 | 23°29 | 15°57 | 27°48 | 28°30 | 4°35 | 8° 3 | F 4 |
| S 5 | 20 55 29 | 13° 7'35 | 29° 5 | 3°59 | 2°53 | 27°46 | 1°11 | 2°59 | 12°45 | 23°31 | 15°58 | 27°49 | 28°27 | 4°42 | 8° 3 | S 5 |
| S 6 | 20 59 26 | 14° 4'58 | 11♉31 | 5°34 | 4° 7 | 28°26 | 1°24 | 3° 7 | 12°43 | 23°33 | 15°59 | 27°R49 | 28°23 | 4°48 | 8° 3 | S 6 |
| M 7 | 21 3 23 | 15° 2'22 | 24°18 | 7° 7 | 5°21 | 29° 6 | 1°37 | 3°15 | 12°40 | 23°35 | 16° 1 | 27°49 | 28°20 | 4°55 | 8° 4 | M 7 |
| T 8 | 21 7 19 | 15°59'47 | 7♊28 | 8°39 | 6°35 | 29°45 | 1°51 | 3°22 | 12°38 | 23°38 | 16° 2 | 27°48 | 28°17 | 5° 2 | 8° 4 | T 8 |
| W 9 | 21 11 16 | 16°57'13 | 21° 4 | 10° 9 | 7°48 | 0♊25 | 2° 4 | 3°30 | 12°35 | 23°40 | 16° 3 | 27°47 | 28°14 | 5° 8 | 8° 4 | W 9 |
| T 10 | 21 15 12 | 17°54'40 | 5♋ 7 | 11°37 | 9° 2 | 1° 4 | 2°17 | 3°38 | 12°33 | 23°42 | 16° 5 | 27°46 | 28°11 | 5°15 | 8° 4 | T 10 |
| F 11 | 21 19 9 | 18°52'09 | 19°36 | 13° 3 | 10°16 | 1°43 | 2°30 | 3°45 | 12°31 | 23°44 | 16° 6 | 27°45 | 28° 7 | 5°22 | 8°R 4 | F 11 |
| S 12 | 21 23 5 | 19°49'38 | 4♌25 | 14°27 | 11°30 | 2°22 | 2°43 | 3°53 | 12°28 | 23°46 | 16° 7 | 27°44 | 28° 4 | 5°28 | 8° 4 | S 12 |
| S 13 | 21 27 2 | 20°47'09 | 19°29 | 15°50 | 12°44 | 3° 1 | 2°56 | 4° 0 | 12°26 | 23°49 | 16° 9 | 27°44 | 28° 1 | 5°35 | 8° 4 | S 13 |
| M14 | 21 30 58 | 21°44'41 | 4♍38 | 17°11 | 13°58 | 3°40 | 3°10 | 4° 8 | 12°24 | 23°51 | 16°10 | 27°D44 | 27°58 | 5°41 | 8° 4 | M14 |
| T 15 | 21 34 55 | 22°42'13 | 19°43 | 18°30 | 15°12 | 4°18 | 3°23 | 4°16 | 12°21 | 23°53 | 16°11 | 27°44 | 27°55 | 5°48 | 8° 4 | T 15 |
| W16 | 21 38 52 | 23°39'46 | 4♎36 | 19°47 | 16°26 | 4°56 | 3°36 | 4°23 | 12°19 | 23°55 | 16°12 | 27°44 | 27°52 | 5°55 | 8° 3 | W16 |
| T 17 | 21 42 48 | 24°37'20 | 19°10 | 21° 1 | 17°40 | 5°35 | 3°49 | 4°31 | 12°17 | 23°58 | 16°14 | 27°45 | 27°48 | 6° 1 | 8° 3 | T 17 |
| F 18 | 21 46 45 | 25°34'55 | 3♏21 | 22°14 | 18°54 | 6°13 | 4° 2 | 4°38 | 12°14 | 24° 0 | 16°15 | 27°45 | 27°45 | 6° 8 | 8° 3 | F 18 |
| S 19 | 21 50 41 | 26°32'31 | 17° 8 | 23°25 | 20° 8 | 6°50 | 4°14 | 4°45 | 12°12 | 24° 2 | 16°16 | 27°45 | 27°42 | 6°15 | 8° 2 | S 19 |
| S 20 | 21 54 38 | 27°30'08 | 0♐30 | 24°33 | 21°22 | 7°28 | 4°27 | 4°53 | 12°10 | 24° 4 | 16°17 | 27°45 | 27°39 | 6°21 | 8° 2 | S 20 |
| M21 | 21 58 34 | 28°27'45 | 13°29 | 25°39 | 22°36 | 8° 6 | 4°40 | 5° 0 | 12° 7 | 24° 6 | 16°18 | 27°45 | 27°36 | 6°28 | 8° 1 | M21 |
| T 22 | 22 2 31 | 29°25'24 | 26° 9 | 26°43 | 23°50 | 8°43 | 4°53 | 5° 8 | 12° 5 | 24° 9 | 16°19 | 27°45 | 27°33 | 6°35 | 8° 1 | T 22 |
| W23 | 22 6 27 | 0♑23'04 | 8♑33 | 27°44 | 25° 4 | 9°20 | 5° 6 | 5°15 | 12° 3 | 24°11 | 16°21 | 27°45 | 27°29 | 6°41 | 8° 0 | W23 |
| T 24 | 22 10 24 | 1°20'44 | 20°44 | 28°42 | 26°18 | 9°57 | 5°19 | 5°22 | 12° 1 | 24°13 | 16°22 | 27°46 | 27°26 | 6°48 | 8° 0 | T 24 |
| F 25 | 22 14 21 | 2°18'26 | 2♒45 | 29°38 | 27°32 | 10°34 | 5°31 | 5°29 | 11°58 | 24°15 | 16°23 | 27°46 | 27°23 | 6°55 | 7°59 | F 25 |
| S 26 | 22 18 17 | 3°16'09 | 14°39 | 0♎31 | 28°46 | 11°11 | 5°44 | 5°37 | 11°56 | 24°17 | 16°24 | 27°46 | 27°20 | 7° 1 | 7°58 | S 26 |
| S 27 | 22 22 14 | 4°13'53 | 26°28 | 1°20 | 0♍ 1 | 11°47 | 5°56 | 5°44 | 11°54 | 24°20 | 16°25 | 27°R47 | 27°17 | 7° 8 | 7°57 | S 27 |
| M28 | 22 26 10 | 5°11'38 | 8♓16 | 2° 7 | 1°15 | 12°23 | 6° 9 | 5°51 | 11°52 | 24°22 | 16°26 | 27°47 | 27°13 | 7°15 | 7°56 | M28 |
| T 29 | 22 30 7 | 6° 9'25 | 20° 5 | 2°50 | 2°29 | 12°59 | 6°21 | 5°58 | 11°50 | 24°24 | 16°27 | 27°46 | 27°10 | 7°21 | 7°55 | T 29 |
| W30 | 22 34 3 | 7° 7'13 | 1♈56 | 3°29 | 3°43 | 13°35 | 6°34 | 6° 5 | 11°48 | 24°26 | 16°28 | 27°45 | 27° 7 | 7°28 | 7°54 | W30 |
| T 31 | 22 38 0 | 8♍ 5'02 | 13♈52 | 4♎ 4 | 4♍57 | 14♊11 | 6♌46 | 6♌12 | 11♒46 | 24♌28 | 16♋29 | 27♒44 | 27♒ 4 | 7♓34 | 7♉53 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n53 | 6s10 | 1n14 | 13n37 | 1n20 | 21n 2 | 0n32 | 17n41 | 1s22 | 20n18 | 0n15 | 19n44 | 0n10 | 17s33 | 0s41 | 13n54 | 0n13 | 19n17 | 3s11 | 12s14 | 11s55 | 9s28 | 13n41 | 0s30 |
| W 2 | 17 38 | 0 39 | 2 16 | 12 56 | 1 14 | 20 50 | 0 34 | 17 51 | 1 21 | 20 15 | 0 15 | 19 42 | 0 10 | 17 34 | 0 41 | 13 54 | 0 13 | 19 17 | 3 11 | 12 14 | 11 56 | 9 24 | 13 41 | 0 30 |
| T 3 | 17 22 | 4n54 | 3 12 | 12 15 | 1 8 | 20 36 | 0 36 | 18 1 | 1 21 | 20 12 | 0 16 | 19 41 | 0 10 | 17 35 | 0 41 | 13 53 | 0 13 | 19 17 | 3 11 | 12 13 | 11 57 | 9 21 | 13 41 | 0 30 |
| F 4 | 17 7 | 10 20 | 4 0 | 11 34 | 1 2 | 20 22 | 0 38 | 18 10 | 1 20 | 20 9 | 0 16 | 19 39 | 0 11 | 17 35 | 0 41 | 13 52 | 0 13 | 19 17 | 3 10 | 12 13 | 11 58 | 9 18 | 13 41 | 0 30 |
| S 5 | 16 50 | 15 27 | 4 38 | 10 53 | 0 55 | 20 8 | 0 41 | 18 20 | 1 19 | 20 7 | 0 16 | 19 37 | 0 11 | 17 36 | 0 41 | 13 51 | 0 13 | 19 17 | 3 10 | 12 12 | 11 59 | 9 15 | 13 41 | 0 30 |
| S 6 | 16 34 | 20 5 | 5 4 | 10 11 | 0 48 | 19 53 | 0 43 | 18 29 | 1 19 | 20 4 | 0 16 | 19 36 | 0 11 | 17 37 | 0 41 | 13 51 | 0 13 | 19 17 | 3 10 | 12 12 | 12 1 | 9 11 | 13 41 | 0 30 |
| M 7 | 16 17 | 23 55 | 5 16 | 9 30 | 0 40 | 19 37 | 0 45 | 18 39 | 1 18 | 20 1 | 0 16 | 19 34 | 0 11 | 17 38 | 0 41 | 13 50 | 0 13 | 19 17 | 3 10 | 12 12 | 12 2 | 9 8 | 13 41 | 0 30 |
| T 8 | 16 0 | 26 39 | 5 13 | 8 48 | 0 32 | 19 21 | 0 47 | 18 48 | 1 17 | 19 58 | 0 16 | 19 32 | 0 11 | 17 38 | 0 41 | 13 49 | 0 13 | 19 16 | 3 10 | 12 13 | 12 3 | 9 5 | 13 41 | 0 30 |
| W 9 | 15 43 | 27 56 | 4 51 | 8 7 | 0 24 | 19 4 | 0 49 | 18 57 | 1 16 | 19 55 | 0 16 | 19 30 | 0 11 | 17 39 | 0 41 | 13 49 | 0 13 | 19 16 | 3 10 | 12 13 | 12 4 | 9 2 | 13 41 | 0 30 |
| T 10 | 15 26 | 27 29 | 4 12 | 7 26 | 0 15 | 18 46 | 0 51 | 19 6 | 1 16 | 19 52 | 0 16 | 19 29 | 0 11 | 17 40 | 0 41 | 13 48 | 0 13 | 19 16 | 3 10 | 12 13 | 12 5 | 8 59 | 13 41 | 0 31 |
| F 11 | 15 8 | 25 12 | 3 16 | 6 45 | 0 7 | 18 28 | 0 53 | 19 14 | 1 15 | 19 49 | 0 16 | 19 27 | 0 11 | 17 40 | 0 41 | 13 47 | 0 13 | 19 16 | 3 10 | 12 14 | 12 6 | 8 55 | 13 41 | 0 31 |
| S 12 | 14 50 | 21 9 | 2 6 | 6 4 | 0s 2 | 18 10 | 0 54 | 19 23 | 1 14 | 19 47 | 0 16 | 19 25 | 0 11 | 17 41 | 0 41 | 13 46 | 0 13 | 19 16 | 3 10 | 12 14 | 12 7 | 8 52 | 13 41 | 0 31 |
| S 13 | 14 32 | 15 40 | 0 46 | 5 24 | 0 11 | 17 51 | 0 56 | 19 31 | 1 14 | 19 44 | 0 17 | 19 24 | 0 11 | 17 42 | 0 41 | 13 46 | 0 13 | 19 16 | 3 10 | 12 14 | 12 8 | 8 49 | 13 41 | 0 31 |
| M14 | 14 14 | 9 12 | 0s38 | 4 44 | 0 21 | 17 32 | 0 58 | 19 39 | 1 13 | 19 41 | 0 17 | 19 22 | 0 11 | 17 42 | 0 41 | 13 45 | 0 13 | 19 16 | 3 10 | 12 14 | 12 9 | 8 46 | 13 41 | 0 31 |
| T 15 | 13 55 | 2 14 | 1 59 | 4 4 | 0 30 | 17 12 | 1 0 | 19 47 | 1 12 | 19 38 | 0 17 | 19 20 | 0 12 | 17 43 | 0 41 | 13 44 | 0 13 | 19 16 | 3 10 | 12 14 | 12 10 | 8 42 | 13 40 | 0 31 |
| W16 | 13 36 | 4s45 | 3 11 | 3 25 | 0 40 | 16 51 | 1 1 | 19 54 | 1 11 | 19 35 | 0 17 | 19 19 | 0 12 | 17 44 | 0 41 | 13 44 | 0 13 | 19 15 | 3 10 | 12 14 | 12 11 | 8 39 | 13 40 | 0 31 |
| T 17 | 13 17 | 11 19 | 4 9 | 2 47 | 0 50 | 16 30 | 1 3 | 20 2 | 1 10 | 19 32 | 0 17 | 19 17 | 0 12 | 17 44 | 0 41 | 13 43 | 0 13 | 19 15 | 3 10 | 12 14 | 12 13 | 8 36 | 13 40 | 0 31 |
| F 18 | 12 58 | 17 8 | 4 50 | 2 9 | 1 0 | 16 9 | 1 4 | 20 9 | 1 10 | 19 29 | 0 17 | 19 15 | 0 12 | 17 45 | 0 41 | 13 42 | 0 13 | 19 15 | 3 10 | 12 14 | 12 14 | 8 33 | 13 40 | 0 31 |
| S 19 | 12 38 | 21 54 | 5 12 | 1 32 | 1 10 | 15 47 | 1 6 | 20 17 | 1 9 | 19 26 | 0 17 | 19 14 | 0 12 | 17 46 | 0 41 | 13 41 | 0 13 | 19 15 | 3 10 | 12 14 | 12 15 | 8 29 | 13 40 | 0 32 |
| S 20 | 12 19 | 25 23 | 5 17 | 0 56 | 1 20 | 15 25 | 1 7 | 20 24 | 1 8 | 19 23 | 0 17 | 19 12 | 0 12 | 17 46 | 0 41 | 13 41 | 0 13 | 19 15 | 3 10 | 12 14 | 12 16 | 8 26 | 13 39 | 0 32 |
| M21 | 11 59 | 27 26 | 5 6 | 0 20 | 1 31 | 15 2 | 1 9 | 20 31 | 1 7 | 19 20 | 0 17 | 19 10 | 0 12 | 17 47 | 0 41 | 13 40 | 0 13 | 19 15 | 3 10 | 12 14 | 12 17 | 8 23 | 13 39 | 0 32 |
| T 22 | 11 39 | 27 59 | 4 40 | 0s15 | 1 41 | 14 39 | 1 10 | 20 37 | 1 6 | 19 17 | 0 18 | 19 8 | 0 12 | 17 47 | 0 41 | 13 39 | 0 13 | 19 15 | 3 10 | 12 14 | 12 18 | 8 20 | 13 39 | 0 32 |
| W23 | 11 19 | 27 7 | 4 1 | 0 48 | 1 52 | 14 16 | 1 12 | 20 44 | 1 5 | 19 14 | 0 18 | 19 7 | 0 12 | 17 48 | 0 41 | 13 38 | 0 13 | 19 14 | 3 10 | 12 14 | 12 19 | 8 16 | 13 38 | 0 32 |
| T 24 | 10 58 | 24 57 | 3 12 | 1 21 | 2 2 | 13 52 | 1 13 | 20 50 | 1 4 | 19 11 | 0 18 | 19 5 | 0 12 | 17 49 | 0 41 | 13 38 | 0 13 | 19 14 | 3 10 | 12 13 | 12 20 | 8 13 | 13 38 | 0 32 |
| F 25 | 10 38 | 21 41 | 2 15 | 1 53 | 2 12 | 13 28 | 1 14 | 20 56 | 1 3 | 19 8 | 0 18 | 19 3 | 0 12 | 17 49 | 0 41 | 13 37 | 0 13 | 19 14 | 3 10 | 12 13 | 12 21 | 8 10 | 13 38 | 0 32 |
| S 26 | 10 17 | 17 33 | 1 12 | 2 23 | 2 23 | 13 3 | 1 15 | 21 2 | 1 2 | 19 5 | 0 18 | 19 2 | 0 13 | 17 50 | 0 41 | 13 36 | 0 13 | 19 14 | 3 10 | 12 13 | 12 22 | 8 6 | 13 37 | 0 32 |
| S 27 | 9 56 | 12 47 | 0 7 | 2 52 | 2 33 | 12 38 | 1 16 | 21 8 | 1 1 | 19 2 | 0 18 | 19 0 | 0 13 | 17 50 | 0 41 | 13 36 | 0 13 | 19 14 | 3 10 | 12 13 | 12 23 | 8 3 | 13 37 | 0 33 |
| M28 | 9 35 | 7 33 | 0n58 | 3 20 | 2 43 | 12 13 | 1 17 | 21 14 | 1 0 | 18 59 | 0 18 | 18 58 | 0 13 | 17 51 | 0 41 | 13 35 | 0 13 | 19 14 | 3 10 | 12 13 | 12 25 | 8 0 | 13 37 | 0 33 |
| T 29 | 9 14 | 2 4 | 2 1 | 3 46 | 2 53 | 11 47 | 1 18 | 21 20 | 0 59 | 18 56 | 0 18 | 18 57 | 0 13 | 17 52 | 0 41 | 13 34 | 0 13 | 19 14 | 3 10 | 12 13 | 12 26 | 7 57 | 13 36 | 0 33 |
| W30 | 8 53 | 3n30 | 2 58 | 4 11 | 3 3 | 11 21 | 1 19 | 21 25 | 0 58 | 18 53 | 0 18 | 18 55 | 0 13 | 17 52 | 0 41 | 13 33 | 0 13 | 19 14 | 3 10 | 12 14 | 12 27 | 7 53 | 13 36 | 0 33 |
| T 31 | 8n31 | 8n58 | 3n49 | 4s34 | 3s13 | 10n55 | 1n20 | 21n30 | 0s57 | 18n50 | 0n19 | 18n54 | 0n13 | 17s53 | 0s41 | 13n33 | 0n13 | 19n13 | 3s10 | 12s14 | 12s28 | 7s50 | 13n35 | 0s33 |

Julian Day Number = 2604063.5, Delta T = 09m29s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'42, Lahiri = 29°41'44


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## SEPTEMBER 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 41 56 | 9♍ 2'54 | 25♈55 | 4♎35 | 6♍12 | 14♊46 | 6♌59 | 6♌19 | 11°R43 | 24♌31 | 16♋30 | 27°R42 | 27♒ 1 | 7♓41 | 7°R52 | F 1 |
| S 2 | 22 45 53 | 10° 0'47 | 8♉10 | 5° 2 | 7°26 | 15°22 | 7°11 | 6°26 | 11♒41 | 24°33 | 16°31 | 27♒41 | 26°58 | 7°48 | 7♉51 | S 2 |
| S 3 | 22 49 50 | 10°58'41 | 20°38 | 5°24 | 8°40 | 15°57 | 7°23 | 6°33 | 11°39 | 24°35 | 16°32 | 27°39 | 26°54 | 7°54 | 7°50 | S 3 |
| M 4 | 22 53 46 | 11°56'38 | 3♊23 | 5°42 | 9°55 | 16°32 | 7°35 | 6°40 | 11°37 | 24°37 | 16°33 | 27°38 | 26°51 | 8° 1 | 7°48 | M 4 |
| T 5 | 22 57 43 | 12°54'36 | 16°28 | 5°54 | 11° 9 | 17° 6 | 7°47 | 6°47 | 11°36 | 24°39 | 16°34 | 27°D38 | 26°48 | 8° 8 | 7°47 | T 5 |
| W 6 | 23 1 39 | 13°52'36 | 29°56 | 6° 1 | 12°23 | 17°41 | 8° 0 | 6°54 | 11°34 | 24°41 | 16°35 | 27°39 | 26°45 | 8°14 | 7°46 | W 6 |
| T 7 | 23 5 36 | 14°50'39 | 13♋49 | 6°R 2 | 13°38 | 18°15 | 8°12 | 7° 0 | 11°32 | 24°43 | 16°36 | 27°40 | 26°42 | 8°21 | 7°44 | T 7 |
| F 8 | 23 9 32 | 15°48'43 | 28° 7 | 5°57 | 14°52 | 18°49 | 8°23 | 7° 7 | 11°30 | 24°46 | 16°37 | 27°41 | 26°39 | 8°28 | 7°43 | F 8 |
| S 9 | 23 13 29 | 16°46'48 | 12♌47 | 5°46 | 16° 7 | 19°23 | 8°35 | 7°14 | 11°28 | 24°48 | 16°38 | 27°42 | 26°35 | 8°34 | 7°41 | S 9 |
| S 10 | 23 17 25 | 17°44'56 | 27°46 | 5°28 | 17°21 | 19°56 | 8°47 | 7°20 | 11°26 | 24°50 | 16°38 | 27°R43 | 26°32 | 8°41 | 7°40 | S 10 |
| M11 | 23 21 22 | 18°43'05 | 12♍55 | 5° 5 | 18°36 | 20°29 | 8°59 | 7°27 | 11°24 | 24°52 | 16°39 | 27°42 | 26°29 | 8°48 | 7°38 | M11 |
| T 12 | 23 25 19 | 19°41'16 | 28° 6 | 4°35 | 19°50 | 21° 2 | 9°11 | 7°33 | 11°23 | 24°54 | 16°40 | 27°40 | 26°26 | 8°54 | 7°36 | T 12 |
| W13 | 23 29 15 | 20°39'29 | 13♎ 9 | 3°59 | 21° 5 | 21°35 | 9°22 | 7°40 | 11°21 | 24°56 | 16°41 | 27°38 | 26°23 | 9° 1 | 7°35 | W13 |
| T 14 | 23 33 12 | 21°37'43 | 27°55 | 3°17 | 22°19 | 22° 8 | 9°34 | 7°46 | 11°19 | 24°58 | 16°41 | 27°35 | 26°19 | 9° 8 | 7°33 | T 14 |
| F 15 | 23 37 8 | 22°35'59 | 12♏18 | 2°30 | 23°34 | 22°40 | 9°45 | 7°52 | 11°18 | 25° 0 | 16°42 | 27°31 | 26°16 | 9°14 | 7°31 | F 15 |
| S 16 | 23 41 5 | 23°34'16 | 26°13 | 1°38 | 24°48 | 23°12 | 9°57 | 7°59 | 11°16 | 25° 2 | 16°43 | 27°28 | 26°13 | 9°21 | 7°29 | S 16 |
| S 17 | 23 45 1 | 24°32'35 | 9♐41 | 0°42 | 26° 3 | 23°43 | 10° 8 | 8° 5 | 11°15 | 25° 4 | 16°44 | 27°26 | 26°10 | 9°27 | 7°27 | S 17 |
| M18 | 23 48 58 | 25°30'56 | 22°42 | 29♍42 | 27°17 | 24°15 | 10°19 | 8°11 | 11°13 | 25° 6 | 16°44 | 27°D26 | 26° 7 | 9°34 | 7°25 | M18 |
| T 19 | 23 52 54 | 26°29'18 | 5♑20 | 28°41 | 28°32 | 24°46 | 10°30 | 8°17 | 11°12 | 25° 8 | 16°45 | 27°26 | 26° 4 | 9°41 | 7°23 | T 19 |
| W20 | 23 56 51 | 27°27'41 | 17°39 | 27°40 | 29°46 | 25°17 | 10°41 | 8°23 | 11°10 | 25°10 | 16°46 | 27°27 | 26° 0 | 9°47 | 7°21 | W20 |
| T 21 | 0 0 48 | 28°26'06 | 29°44 | 26°39 | 1♏ 1 | 25°47 | 10°52 | 8°29 | 11° 9 | 25°12 | 16°46 | 27°29 | 25°57 | 9°54 | 7°19 | T 21 |
| F 22 | 0 4 44 | 29°24'33 | 11♒39 | 25°41 | 2°16 | 26°17 | 11° 3 | 8°35 | 11° 8 | 25°14 | 16°47 | 27°30 | 25°54 | 10° 1 | 7°17 | F 22 |
| S 23 | 0 8 41 | 0♏23'01 | 23°28 | 24°46 | 3°30 | 26°47 | 11°14 | 8°41 | 11° 6 | 25°16 | 16°47 | 27°R31 | 25°51 | 10° 7 | 7°15 | S 23 |
| S 24 | 0 12 37 | 1°21'31 | 5♓15 | 23°57 | 4°45 | 27°17 | 11°25 | 8°46 | 11° 5 | 25°18 | 16°48 | 27°31 | 25°48 | 10°14 | 7°13 | S 24 |
| M25 | 0 16 34 | 2°20'02 | 17° 4 | 23°14 | 5°59 | 27°46 | 11°36 | 8°52 | 11° 4 | 25°19 | 16°48 | 27°29 | 25°44 | 10°21 | 7°11 | M25 |
| T 26 | 0 20 30 | 3°18'36 | 28°56 | 22°38 | 7°14 | 28°15 | 11°46 | 8°58 | 11° 3 | 25°21 | 16°49 | 27°26 | 25°41 | 10°27 | 7° 8 | T 26 |
| W27 | 0 24 27 | 4°17'11 | 10♈54 | 22°11 | 8°29 | 28°44 | 11°57 | 9° 3 | 11° 1 | 25°23 | 16°49 | 27°21 | 25°38 | 10°34 | 7° 6 | W27 |
| T 28 | 0 28 23 | 5°15'48 | 23° 0 | 21°54 | 9°43 | 29°12 | 12° 7 | 9° 9 | 11° 0 | 25°25 | 16°50 | 27°14 | 25°35 | 10°41 | 7° 4 | T 28 |
| F 29 | 0 32 20 | 6°14'27 | 5♉15 | 21°D45 | 10°58 | 29°40 | 12°17 | 9°14 | 10°59 | 25°27 | 16°50 | 27° 7 | 25°32 | 10°47 | 7° 1 | F 29 |
| S 30 | 0 36 17 | 7♎13'09 | 17♉40 | 21♍47 | 12♎13 | 0♋ 7 | 12♌27 | 9♌19 | 10♒58 | 25♌28 | 16♋51 | 27♒ 0 | 25♒29 | 10♓54 | 6♉59 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 8n10 | 14n10 | 4n29 | 4s55 | 3s22 | 10n28 | 1n21 | 21n35 | 0s56 | 18n47 | 0n19 | 18n52 | 0n13 | 17s53 | 0s41 | 13n32 | 0n13 | 19n13 | 3s10 | 12s15 | 12s29 | 7s47 | 13n35 | 0s33 |
| S 2 | 7 48 | 18 54 | 4 58 | 5 13 | 3 31 | 10 1 | 1 21 | 21 40 | 0 55 | 18 44 | 0 19 | 18 50 | 0 13 | 17 54 | 0 41 | 13 31 | 0 13 | 19 13 | 3 10 | 12 15 | 12 30 | 7 44 | 13 34 | 0 33 |
| S 3 | 7 26 | 22 55 | 5 14 | 5 30 | 3 39 | 9 34 | 1 22 | 21 45 | 0 54 | 18 41 | 0 19 | 18 49 | 0 13 | 17 54 | 0 41 | 13 31 | 0 13 | 19 13 | 3 10 | 12 16 | 12 31 | 7 40 | 13 34 | 0 33 |
| M 4 | 7 4 | 25 56 | 5 15 | 5 44 | 3 47 | 9 7 | 1 23 | 21 50 | 0 53 | 18 38 | 0 19 | 18 47 | 0 13 | 17 55 | 0 41 | 13 30 | 0 13 | 19 13 | 3 10 | 12 16 | 12 32 | 7 37 | 13 33 | 0 33 |
| T 5 | 6 42 | 27 40 | 5 0 | 5 56 | 3 55 | 8 39 | 1 23 | 21 54 | 0 52 | 18 35 | 0 19 | 18 45 | 0 14 | 17 55 | 0 41 | 13 29 | 0 13 | 19 13 | 3 10 | 12 16 | 12 33 | 7 34 | 13 33 | 0 34 |
| W 6 | 6 20 | 27 51 | 4 28 | 6 5 | 4 2 | 8 11 | 1 24 | 21 58 | 0 51 | 18 32 | 0 19 | 18 44 | 0 14 | 17 56 | 0 41 | 13 29 | 0 13 | 19 13 | 3 10 | 12 16 | 12 34 | 7 31 | 13 32 | 0 34 |
| T 7 | 5 57 | 26 19 | 3 40 | 6 11 | 4 8 | 7 43 | 1 24 | 22 3 | 0 50 | 18 29 | 0 19 | 18 42 | 0 14 | 17 57 | 0 41 | 13 28 | 0 13 | 19 13 | 3 10 | 12 15 | 12 35 | 7 27 | 13 32 | 0 34 |
| F 8 | 5 35 | 23 3 | 2 36 | 6 13 | 4 13 | 7 15 | 1 24 | 22 7 | 0 49 | 18 26 | 0 20 | 18 41 | 0 14 | 17 57 | 0 41 | 13 27 | 0 13 | 19 13 | 3 10 | 12 15 | 12 36 | 7 24 | 13 31 | 0 34 |
| S 9 | 5 12 | 18 14 | 1 22 | 6 13 | 4 17 | 6 46 | 1 25 | 22 11 | 0 47 | 18 23 | 0 20 | 18 39 | 0 14 | 17 57 | 0 41 | 13 26 | 0 13 | 19 12 | 3 10 | 12 15 | 12 38 | 7 21 | 13 31 | 0 34 |
| S 10 | 4 50 | 12 13 | 0s 0 | 6 9 | 4 20 | 6 17 | 1 25 | 22 14 | 0 46 | 18 21 | 0 20 | 18 37 | 0 14 | 17 58 | 0 41 | 13 26 | 0 13 | 19 12 | 3 10 | 12 15 | 12 39 | 7 17 | 13 30 | 0 34 |
| M11 | 4 27 | 5 25 | 1 23 | 6 1 | 4 21 | 5 48 | 1 25 | 22 18 | 0 45 | 18 18 | 0 20 | 18 36 | 0 14 | 17 58 | 0 41 | 13 25 | 0 13 | 19 12 | 3 10 | 12 15 | 12 40 | 7 14 | 13 29 | 0 34 |
| T 12 | 4 4 | 1s41 | 2 40 | 5 49 | 4 22 | 5 19 | 1 25 | 22 21 | 0 44 | 18 15 | 0 20 | 18 34 | 0 14 | 17 59 | 0 41 | 13 24 | 0 14 | 19 12 | 3 10 | 12 15 | 12 41 | 7 11 | 13 29 | 0 34 |
| W13 | 3 42 | 8 38 | 3 45 | 5 34 | 4 20 | 4 50 | 1 25 | 22 25 | 0 42 | 18 12 | 0 20 | 18 33 | 0 14 | 17 59 | 0 41 | 13 24 | 0 14 | 19 12 | 3 10 | 12 16 | 12 42 | 7 8 | 13 28 | 0 34 |
| T 14 | 3 19 | 14 58 | 4 34 | 5 14 | 4 17 | 4 20 | 1 25 | 22 28 | 0 41 | 18 9 | 0 20 | 18 31 | 0 14 | 18 0 | 0 41 | 13 23 | 0 14 | 19 12 | 3 10 | 12 17 | 12 43 | 7 4 | 13 27 | 0 35 |
| F 15 | 2 56 | 20 18 | 5 3 | 4 51 | 4 12 | 3 51 | 1 25 | 22 31 | 0 40 | 18 6 | 0 20 | 18 30 | 0 15 | 18 0 | 0 41 | 13 22 | 0 14 | 19 12 | 3 10 | 12 18 | 12 44 | 7 1 | 13 27 | 0 35 |
| S 16 | 2 33 | 24 21 | 5 14 | 4 24 | 4 6 | 3 21 | 1 25 | 22 34 | 0 39 | 18 3 | 0 21 | 18 28 | 0 15 | 18 1 | 0 41 | 13 22 | 0 14 | 19 12 | 3 10 | 12 19 | 12 45 | 6 58 | 13 26 | 0 35 |
| S 17 | 2 10 | 26 55 | 5 7 | 3 54 | 3 57 | 2 52 | 1 24 | 22 37 | 0 37 | 18 0 | 0 21 | 18 27 | 0 15 | 18 1 | 0 41 | 13 21 | 0 14 | 19 12 | 3 10 | 12 20 | 12 46 | 6 54 | 13 25 | 0 35 |
| M18 | 1 47 | 27 55 | 4 44 | 3 21 | 3 46 | 2 22 | 1 24 | 22 40 | 0 36 | 17 57 | 0 21 | 18 25 | 0 15 | 18 1 | 0 41 | 13 20 | 0 14 | 19 11 | 3 10 | 12 20 | 12 47 | 6 51 | 13 24 | 0 35 |
| T 19 | 1 24 | 27 25 | 4 8 | 2 45 | 3 34 | 1 52 | 1 24 | 22 42 | 0 35 | 17 54 | 0 21 | 18 24 | 0 15 | 18 2 | 0 41 | 13 20 | 0 14 | 19 11 | 3 10 | 12 20 | 12 48 | 6 48 | 13 24 | 0 35 |
| W20 | 1 0 | 25 33 | 3 21 | 2 8 | 3 20 | 1 22 | 1 23 | 22 45 | 0 33 | 17 51 | 0 21 | 18 22 | 0 15 | 18 2 | 0 41 | 13 19 | 0 14 | 19 11 | 3 10 | 12 20 | 12 49 | 6 45 | 13 23 | 0 35 |
| T 21 | 0 37 | 22 33 | 2 27 | 1 29 | 3 4 | 0 52 | 1 23 | 22 47 | 0 32 | 17 48 | 0 21 | 18 21 | 0 15 | 18 3 | 0 41 | 13 19 | 0 14 | 19 11 | 3 10 | 12 19 | 12 50 | 6 41 | 13 22 | 0 35 |
| F 22 | 0 14 | 18 38 | 1 26 | 0 50 | 2 47 | 0 21 | 1 22 | 22 50 | 0 30 | 17 46 | 0 21 | 18 19 | 0 15 | 18 3 | 0 41 | 13 18 | 0 14 | 19 11 | 3 10 | 12 19 | 12 51 | 6 38 | 13 21 | 0 35 |
| S 23 | 0s 9 | 14 1 | 0 22 | 0 12 | 2 28 | 0s 9 | 1 21 | 22 52 | 0 29 | 17 43 | 0 21 | 18 18 | 0 15 | 18 3 | 0 41 | 13 17 | 0 14 | 19 11 | 3 10 | 12 18 | 12 53 | 6 35 | 13 21 | 0 36 |
| S 24 | 0 32 | 8 55 | 0n42 | 0n25 | 2 9 | 0 39 | 1 21 | 22 54 | 0 28 | 17 40 | 0 22 | 18 17 | 0 16 | 18 4 | 0 41 | 13 17 | 0 14 | 19 11 | 3 11 | 12 18 | 12 54 | 6 31 | 13 20 | 0 36 |
| M25 | 0 56 | 3 29 | 1 45 | 1 0 | 1 49 | 1 9 | 1 20 | 22 56 | 0 26 | 17 37 | 0 22 | 18 15 | 0 16 | 18 4 | 0 41 | 13 16 | 0 14 | 19 11 | 3 11 | 12 19 | 12 55 | 6 28 | 13 19 | 0 36 |
| T 26 | 1 19 | 2n 4 | 2 43 | 1 33 | 1 29 | 1 39 | 1 19 | 22 58 | 0 25 | 17 34 | 0 22 | 18 14 | 0 16 | 18 4 | 0 40 | 13 15 | 0 14 | 19 11 | 3 11 | 12 20 | 12 56 | 6 25 | 13 18 | 0 36 |
| W27 | 1 42 | 7 35 | 3 34 | 2 2 | 1 9 | 2 9 | 1 18 | 23 0 | 0 23 | 17 32 | 0 22 | 18 13 | 0 16 | 18 4 | 0 40 | 13 15 | 0 14 | 19 11 | 3 11 | 12 22 | 12 57 | 6 22 | 13 17 | 0 36 |
| T 28 | 2 5 | 12 53 | 4 17 | 2 27 | 0 50 | 2 40 | 1 17 | 23 2 | 0 21 | 17 29 | 0 22 | 18 11 | 0 16 | 18 5 | 0 40 | 13 14 | 0 14 | 19 11 | 3 11 | 12 24 | 12 58 | 6 18 | 13 16 | 0 36 |
| F 29 | 2 28 | 17 45 | 4 48 | 2 48 | 0 30 | 3 10 | 1 16 | 23 3 | 0 20 | 17 26 | 0 22 | 18 10 | 0 16 | 18 5 | 0 40 | 13 14 | 0 14 | 19 11 | 3 11 | 12 27 | 12 59 | 6 15 | 13 15 | 0 36 |
| S 30 | 2s52 | 21n57 | 5n 6 | 3n 4 | 0s12 | 3s40 | 1n15 | 23n 5 | 0s18 | 17n23 | 0n22 | 18n 9 | 0n16 | 18s 5 | 0s40 | 13n13 | 0n14 | 19n11 | 3s11 | 12s29 | 13s 0 | 6s12 | 13n15 | 0s36 |

Julian Day Number = 2604094.5, Delta T = 09m29s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'47, Lahiri = 29°41'48


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## OCTOBER 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 40 13 | 8♎11'52 | 0♊17 | 21♍59 | 13♎27 | 0♋35 | 12♌38 | 9♌25 | 10°R57 | 25♌30 | 16♋51 | 26°R54 | 25♒25 | 11♓ 1 | 6°R56 | S 1 |
| M 2 | 0 44 10 | 9°10'38 | 13° 7 | 22°20 | 14°42 | 1° 1 | 12°48 | 9°30 | 10♒56 | 25°32 | 16°51 | 26♒49 | 25°22 | 11° 7 | 6♉54 | M 2 |
| T 3 | 0 48 6 | 10° 9'26 | 26°14 | 22°51 | 15°57 | 1°28 | 12°57 | 9°35 | 10°55 | 25°34 | 16°52 | 26°47 | 25°19 | 11°14 | 6°51 | T 3 |
| W 4 | 0 52 3 | 11° 8'16 | 9♋37 | 23°31 | 17°12 | 1°54 | 13° 7 | 9°40 | 10°55 | 25°35 | 16°52 | 26°D46 | 25°16 | 11°20 | 6°49 | W 4 |
| T 5 | 0 55 59 | 12° 7'09 | 23°20 | 24°20 | 18°26 | 2°20 | 13°17 | 9°45 | 10°54 | 25°37 | 16°52 | 26°46 | 25°13 | 11°27 | 6°46 | T 5 |
| F 6 | 0 59 56 | 13° 6'04 | 7♌24 | 25°16 | 19°41 | 2°45 | 13°27 | 9°50 | 10°53 | 25°39 | 16°53 | 26°47 | 25°10 | 11°34 | 6°44 | F 6 |
| S 7 | 1 3 52 | 14° 5'01 | 21°47 | 26°20 | 20°56 | 3°10 | 13°36 | 9°55 | 10°52 | 25°40 | 16°53 | 26°R48 | 25° 6 | 11°40 | 6°41 | S 7 |
| S 8 | 1 7 49 | 15° 4'00 | 6♍28 | 27°30 | 22°11 | 3°34 | 13°45 | 9°59 | 10°52 | 25°42 | 16°53 | 26°48 | 25° 3 | 11°47 | 6°38 | S 8 |
| M 9 | 1 11 46 | 16° 3'01 | 21°22 | 28°47 | 23°25 | 3°59 | 13°55 | 10° 4 | 10°51 | 25°43 | 16°53 | 26°46 | 25° 0 | 11°54 | 6°36 | M 9 |
| T 10 | 1 15 42 | 17° 2'05 | 6♎22 | 0♎ 8 | 24°40 | 4°22 | 14° 4 | 10° 9 | 10°51 | 25°45 | 16°54 | 26°41 | 24°57 | 12° 0 | 6°33 | T 10 |
| W11 | 1 19 39 | 18° 1'10 | 21°20 | 1°34 | 25°55 | 4°45 | 14°13 | 10°13 | 10°50 | 25°46 | 16°54 | 26°34 | 24°54 | 12° 7 | 6°30 | W11 |
| T 12 | 1 23 35 | 19° 0'18 | 6♏ 6 | 3° 4 | 27°10 | 5° 8 | 14°22 | 10°17 | 10°50 | 25°48 | 16°54 | 26°26 | 24°50 | 12°14 | 6°27 | T 12 |
| F 13 | 1 27 32 | 19°59'28 | 20°32 | 4°37 | 28°24 | 5°30 | 14°30 | 10°22 | 10°49 | 25°49 | 16°54 | 26°18 | 24°47 | 12°20 | 6°25 | F 13 |
| S 14 | 1 31 28 | 20°58'39 | 4♐33 | 6°13 | 29°39 | 5°52 | 14°39 | 10°26 | 10°49 | 25°51 | 16°54 | 26°10 | 24°44 | 12°27 | 6°22 | S 14 |
| S 15 | 1 35 25 | 21°57'53 | 18° 7 | 7°52 | 0♏54 | 6°13 | 14°48 | 10°30 | 10°49 | 25°52 | 16°54 | 26° 3 | 24°41 | 12°34 | 6°19 | S 15 |
| M16 | 1 39 21 | 22°57'08 | 1♑12 | 9°31 | 2° 9 | 6°34 | 14°56 | 10°34 | 10°49 | 25°54 | 16°54 | 25°58 | 24°38 | 12°40 | 6°16 | M16 |
| T 17 | 1 43 18 | 23°56'25 | 13°53 | 11°13 | 3°24 | 6°54 | 15° 4 | 10°38 | 10°48 | 25°55 | 16°R54 | 25°56 | 24°35 | 12°47 | 6°13 | T 17 |
| W18 | 1 47 15 | 24°55'43 | 26°12 | 12°55 | 4°38 | 7°14 | 15°13 | 10°42 | 10°48 | 25°56 | 16°54 | 25°D55 | 24°31 | 12°54 | 6°11 | W18 |
| T 19 | 1 51 11 | 25°55'04 | 8♒16 | 14°38 | 5°53 | 7°33 | 15°21 | 10°46 | 10°48 | 25°58 | 16°54 | 25°56 | 24°28 | 13° 0 | 6° 8 | T 19 |
| F 20 | 1 55 8 | 26°54'26 | 20° 9 | 16°22 | 7° 8 | 7°52 | 15°29 | 10°49 | 10°D48 | 25°59 | 16°54 | 25°R57 | 24°25 | 13° 7 | 6° 5 | F 20 |
| S 21 | 1 59 4 | 27°53'49 | 1♓57 | 18° 6 | 8°23 | 8°10 | 15°36 | 10°53 | 10°48 | 26° 0 | 16°54 | 25°57 | 24°22 | 13°14 | 6° 2 | S 21 |
| S 22 | 2 3 1 | 28°53'15 | 13°44 | 19°50 | 9°38 | 8°28 | 15°44 | 10°56 | 10°48 | 26° 2 | 16°54 | 25°55 | 24°19 | 13°20 | 5°59 | S 22 |
| M23 | 2 6 57 | 29°52'42 | 25°36 | 21°34 | 10°52 | 8°45 | 15°51 | 11° 0 | 10°48 | 26° 3 | 16°54 | 25°51 | 24°16 | 13°27 | 5°56 | M23 |
| T 24 | 2 10 54 | 0♏52'11 | 7♈34 | 23°17 | 12° 7 | 9° 1 | 15°59 | 11° 3 | 10°48 | 26° 4 | 16°54 | 25°44 | 24°12 | 13°34 | 5°53 | T 24 |
| W25 | 2 14 50 | 1°51'43 | 19°42 | 25° 1 | 13°22 | 9°17 | 16° 6 | 11° 6 | 10°49 | 26° 5 | 16°53 | 25°35 | 24° 9 | 13°40 | 5°50 | W25 |
| T 26 | 2 18 47 | 2°51'16 | 2♉ 1 | 26°44 | 14°37 | 9°32 | 16°13 | 11° 9 | 10°49 | 26° 6 | 16°53 | 25°23 | 24° 6 | 13°47 | 5°47 | T 26 |
| F 27 | 2 22 43 | 3°50'51 | 14°31 | 28°27 | 15°52 | 9°47 | 16°20 | 11°12 | 10°49 | 26° 7 | 16°53 | 25°11 | 24° 3 | 13°53 | 5°44 | F 27 |
| S 28 | 2 26 40 | 4°50'28 | 27°14 | 0♏10 | 17° 7 | 10° 1 | 16°27 | 11°15 | 10°50 | 26° 8 | 16°53 | 24°59 | 24° 0 | 14° 0 | 5°42 | S 28 |
| S 29 | 2 30 37 | 5°50'07 | 10♊ 8 | 1°52 | 18°21 | 10°14 | 16°33 | 11°18 | 10°50 | 26° 9 | 16°52 | 24°48 | 23°56 | 14° 7 | 5°39 | S 29 |
| M30 | 2 34 33 | 6°49'49 | 23°14 | 3°33 | 19°36 | 10°27 | 16°40 | 11°20 | 10°50 | 26°10 | 16°52 | 24°39 | 23°53 | 14°13 | 5°36 | M30 |
| T 31 | 2 38 30 | 7♏49'32 | 6♋32 | 5♏14 | 20♏51 | 10♋39 | 16♌46 | 11♌23 | 10♒51 | 26♌11 | 16♋52 | 24♒32 | 23♒50 | 14♓20 | 5♉33 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s15 | 25n12 | 5n 9 | 3n15 | 0n 5 | 4s10 | 1n14 | 23n 6 | 0s17 | 17n21 | 0n23 | 18n 7 | 0n16 | 18s 6 | 0s40 | 13n12 | 0n14 | 19n10 | 3s11 | 12s31 | 13s 1 | 6s 8 | 13n14 | 0s36 |
| M 2 | 3 38 | 27 14 | 4 57 | 3 22 | 0 21 | 4 40 | 1 13 | 23 8 | 0 15 | 17 18 | 0 23 | 18 6 | 0 16 | 18 6 | 0 40 | 13 12 | 0 14 | 19 10 | 3 11 | 12 33 | 13 2 | 6 5 | 13 13 | 0 36 |
| T 3 | 4 1 | 27 50 | 4 30 | 3 23 | 0 36 | 5 10 | 1 12 | 23 9 | 0 13 | 17 15 | 0 23 | 18 5 | 0 17 | 18 6 | 0 40 | 13 11 | 0 14 | 19 10 | 3 11 | 12 34 | 13 3 | 6 2 | 13 12 | 0 37 |
| W 4 | 4 24 | 26 49 | 3 47 | 3 20 | 0 50 | 5 39 | 1 10 | 23 11 | 0 12 | 17 13 | 0 23 | 18 4 | 0 17 | 18 6 | 0 40 | 13 11 | 0 14 | 19 10 | 3 11 | 12 34 | 13 4 | 5 58 | 13 11 | 0 37 |
| T 5 | 4 47 | 24 11 | 2 51 | 3 12 | 1 3 | 6 9 | 1 9 | 23 12 | 0 10 | 17 10 | 0 23 | 18 2 | 0 17 | 18 6 | 0 40 | 13 10 | 0 14 | 19 10 | 3 11 | 12 34 | 13 5 | 5 55 | 13 10 | 0 37 |
| F 6 | 5 10 | 20 3 | 1 43 | 3 0 | 1 14 | 6 38 | 1 8 | 23 13 | 0 8 | 17 7 | 0 23 | 18 1 | 0 17 | 18 7 | 0 40 | 13 10 | 0 14 | 19 10 | 3 11 | 12 34 | 13 6 | 5 52 | 13 9 | 0 37 |
| S 7 | 5 33 | 14 39 | 0 27 | 2 44 | 1 23 | 7 8 | 1 6 | 23 14 | 0 7 | 17 5 | 0 24 | 18 0 | 0 17 | 18 7 | 0 40 | 13 9 | 0 14 | 19 10 | 3 11 | 12 33 | 13 7 | 5 49 | 13 8 | 0 37 |
| S 8 | 5 55 | 8 19 | 0s52 | 2 23 | 1 32 | 7 37 | 1 5 | 23 16 | 0 5 | 17 2 | 0 24 | 17 59 | 0 17 | 18 7 | 0 40 | 13 9 | 0 14 | 19 10 | 3 11 | 12 33 | 13 9 | 5 45 | 13 7 | 0 37 |
| M 9 | 6 18 | 1 27 | 2 9 | 2 0 | 1 39 | 8 6 | 1 3 | 23 17 | 0 3 | 17 0 | 0 24 | 17 58 | 0 17 | 18 7 | 0 40 | 13 8 | 0 14 | 19 10 | 3 11 | 12 34 | 13 10 | 5 42 | 13 6 | 0 37 |
| T 10 | 6 41 | 5s32 | 3 17 | 1 33 | 1 44 | 8 35 | 1 1 | 23 18 | 0 1 | 16 57 | 0 24 | 17 57 | 0 17 | 18 7 | 0 40 | 13 8 | 0 14 | 19 10 | 3 11 | 12 36 | 13 11 | 5 39 | 13 5 | 0 37 |
| W11 | 7 3 | 12 11 | 4 11 | 1 3 | 1 49 | 9 4 | 1 0 | 23 19 | 0n 1 | 16 55 | 0 24 | 17 56 | 0 18 | 18 7 | 0 40 | 13 7 | 0 14 | 19 10 | 3 11 | 12 38 | 13 12 | 5 35 | 13 4 | 0 37 |
| T 12 | 7 26 | 18 2 | 4 47 | 0 30 | 1 53 | 9 32 | 0 58 | 23 20 | 0 3 | 16 52 | 0 24 | 17 54 | 0 18 | 18 7 | 0 40 | 13 7 | 0 14 | 19 10 | 3 11 | 12 41 | 13 13 | 5 32 | 13 3 | 0 37 |
| F 13 | 7 48 | 22 44 | 5 5 | 0s 4 | 1 55 | 10 0 | 0 56 | 23 21 | 0 4 | 16 50 | 0 24 | 17 53 | 0 18 | 18 7 | 0 40 | 13 6 | 0 14 | 19 10 | 3 11 | 12 44 | 13 14 | 5 29 | 13 2 | 0 38 |
| S 14 | 8 10 | 25 58 | 5 3 | 0 41 | 1 56 | 10 29 | 0 54 | 23 22 | 0 6 | 16 48 | 0 25 | 17 52 | 0 18 | 18 7 | 0 40 | 13 6 | 0 14 | 19 10 | 3 11 | 12 46 | 13 15 | 5 25 | 13 1 | 0 38 |
| S 15 | 8 32 | 27 34 | 4 44 | 1 19 | 1 57 | 10 56 | 0 53 | 23 23 | 0 8 | 16 45 | 0 25 | 17 51 | 0 18 | 18 7 | 0 40 | 13 5 | 0 14 | 19 10 | 3 11 | 12 48 | 13 16 | 5 22 | 13 0 | 0 38 |
| M16 | 8 54 | 27 34 | 4 11 | 1 59 | 1 57 | 11 24 | 0 51 | 23 24 | 0 10 | 16 43 | 0 25 | 17 50 | 0 18 | 18 8 | 0 40 | 13 5 | 0 14 | 19 10 | 3 11 | 12 50 | 13 17 | 5 19 | 12 59 | 0 38 |
| T 17 | 9 16 | 26 5 | 3 26 | 2 39 | 1 56 | 11 51 | 0 49 | 23 25 | 0 12 | 16 41 | 0 25 | 17 50 | 0 18 | 18 8 | 0 40 | 13 4 | 0 14 | 19 10 | 3 11 | 12 51 | 13 18 | 5 15 | 12 58 | 0 38 |
| W18 | 9 38 | 23 21 | 2 32 | 3 21 | 1 54 | 12 18 | 0 47 | 23 26 | 0 14 | 16 39 | 0 25 | 17 49 | 0 18 | 18 8 | 0 40 | 13 4 | 0 14 | 19 10 | 3 11 | 12 51 | 13 19 | 5 12 | 12 57 | 0 38 |
| T 19 | 9 59 | 19 40 | 1 33 | 4 3 | 1 51 | 12 45 | 0 45 | 23 27 | 0 16 | 16 36 | 0 25 | 17 48 | 0 19 | 18 8 | 0 40 | 13 3 | 0 14 | 19 10 | 3 11 | 12 51 | 13 20 | 5 9 | 12 56 | 0 38 |
| F 20 | 10 21 | 15 13 | 0 31 | 4 45 | 1 48 | 13 11 | 0 43 | 23 28 | 0 19 | 16 34 | 0 26 | 17 47 | 0 19 | 18 8 | 0 40 | 13 3 | 0 14 | 19 10 | 3 11 | 12 51 | 13 21 | 5 6 | 12 55 | 0 38 |
| S 21 | 10 42 | 10 15 | 0n32 | 5 28 | 1 45 | 13 38 | 0 41 | 23 29 | 0 21 | 16 32 | 0 26 | 17 46 | 0 19 | 18 7 | 0 40 | 13 3 | 0 14 | 19 10 | 3 11 | 12 51 | 13 22 | 5 2 | 12 54 | 0 38 |
| S 22 | 11 3 | 4 56 | 1 34 | 6 11 | 1 41 | 14 3 | 0 38 | 23 30 | 0 23 | 16 30 | 0 26 | 17 45 | 0 19 | 18 7 | 0 40 | 13 2 | 0 14 | 19 10 | 3 11 | 12 51 | 13 23 | 4 59 | 12 53 | 0 38 |
| M23 | 11 24 | 0n34 | 2 31 | 6 54 | 1 37 | 14 29 | 0 36 | 23 31 | 0 25 | 16 28 | 0 26 | 17 44 | 0 19 | 18 7 | 0 40 | 13 2 | 0 14 | 19 10 | 3 11 | 12 53 | 13 24 | 4 56 | 12 52 | 0 39 |
| T 24 | 11 45 | 6 6 | 3 23 | 7 36 | 1 32 | 14 54 | 0 34 | 23 32 | 0 27 | 16 26 | 0 26 | 17 44 | 0 19 | 18 7 | 0 40 | 13 1 | 0 14 | 19 10 | 3 11 | 12 55 | 13 25 | 4 52 | 12 51 | 0 39 |
| W25 | 12 6 | 11 28 | 4 5 | 8 19 | 1 27 | 15 19 | 0 32 | 23 33 | 0 30 | 16 24 | 0 26 | 17 43 | 0 19 | 18 7 | 0 40 | 13 1 | 0 14 | 19 10 | 3 11 | 12 58 | 13 27 | 4 49 | 12 50 | 0 39 |
| T 26 | 12 26 | 16 29 | 4 37 | 9 1 | 1 22 | 15 43 | 0 30 | 23 34 | 0 32 | 16 22 | 0 27 | 17 42 | 0 19 | 18 7 | 0 40 | 13 1 | 0 14 | 19 10 | 3 11 | 13 2 | 13 28 | 4 46 | 12 49 | 0 39 |
| F 27 | 12 46 | 20 53 | 4 57 | 9 43 | 1 16 | 16 7 | 0 27 | 23 36 | 0 34 | 16 20 | 0 27 | 17 41 | 0 20 | 18 7 | 0 40 | 13 0 | 0 14 | 19 10 | 3 11 | 13 6 | 13 29 | 4 42 | 12 48 | 0 39 |
| S 28 | 13 6 | 24 23 | 5 2 | 10 25 | 1 10 | 16 30 | 0 25 | 23 37 | 0 37 | 16 18 | 0 27 | 17 41 | 0 20 | 18 7 | 0 40 | 13 0 | 0 14 | 19 10 | 3 11 | 13 10 | 13 30 | 4 39 | 12 47 | 0 39 |
| S 29 | 13 26 | 26 43 | 4 51 | 11 6 | 1 4 | 16 54 | 0 23 | 23 38 | 0 39 | 16 16 | 0 27 | 17 40 | 0 20 | 18 7 | 0 40 | 13 0 | 0 14 | 19 10 | 3 11 | 13 14 | 13 31 | 4 36 | 12 46 | 0 39 |
| M30 | 13 46 | 27 38 | 4 26 | 11 46 | 0 58 | 17 16 | 0 20 | 23 40 | 0 41 | 16 15 | 0 27 | 17 40 | 0 20 | 18 7 | 0 40 | 12 59 | 0 14 | 19 10 | 3 11 | 13 17 | 13 32 | 4 32 | 12 45 | 0 39 |
| T 31 | 14s 5 | 26n58 | 3n45 | 12s26 | 0n52 | 17s38 | 0n18 | 23n41 | 0n44 | 16n13 | 0n28 | 17n39 | 0n20 | 18s 6 | 0s40 | 12n59 | 0n14 | 19n10 | 3s11 | 13s19 | 13s33 | 4s29 | 12n43 | 0s39 |

Julian Day Number = 2604124.5, Delta T = 09m30s
Ecliptic obliquity = 23°23'14, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'51, Lahiri = 29°41'52


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## NOVEMBER 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 42 26 | 8♏49'18 | 20♋ 1 | 6♏55 | 22♏ 6 | 10♋50 | 16♌52 | 11♌25 | 10♒52 | 26♌12 | 16°R52 | 24°R29 | 23♒47 | 14♓27 | 5°R30 | W 1 |
| T 2 | 2 46 23 | 9°49'06 | 3♌42 | 8°35 | 23°21 | 11° 1 | 16°59 | 11°28 | 10°52 | 26°13 | 16♋51 | 24♒27 | 23°44 | 14°33 | 5♉27 | T 2 |
| F 3 | 2 50 19 | 10°48'57 | 17°37 | 10°14 | 24°36 | 11°11 | 17° 4 | 11°30 | 10°53 | 26°14 | 16°51 | 24°27 | 23°41 | 14°40 | 5°24 | F 3 |
| S 4 | 2 54 16 | 11°48'49 | 1♍45 | 11°53 | 25°50 | 11°20 | 17°10 | 11°32 | 10°54 | 26°15 | 16°50 | 24°27 | 23°37 | 14°47 | 5°21 | S 4 |
| S 5 | 2 58 12 | 12°48'44 | 16° 5 | 13°32 | 27° 5 | 11°28 | 17°16 | 11°34 | 10°54 | 26°16 | 16°50 | 24°26 | 23°34 | 14°53 | 5°18 | S 5 |
| M 6 | 3 2 9 | 13°48'40 | 0♎36 | 15°10 | 28°20 | 11°36 | 17°21 | 11°36 | 10°55 | 26°16 | 16°50 | 24°22 | 23°31 | 15° 0 | 5°15 | M 6 |
| T 7 | 3 6 6 | 14°48'39 | 15°14 | 16°47 | 29°35 | 11°43 | 17°26 | 11°38 | 10°56 | 26°17 | 16°49 | 24°15 | 23°28 | 15° 7 | 5°12 | T 7 |
| W 8 | 3 10 2 | 15°48'40 | 29°51 | 18°24 | 0♐50 | 11°49 | 17°31 | 11°40 | 10°57 | 26°18 | 16°49 | 24° 6 | 23°25 | 15°13 | 5° 9 | W 8 |
| T 9 | 3 13 59 | 16°48'43 | 14♏21 | 20° 0 | 2° 5 | 11°55 | 17°36 | 11°41 | 10°58 | 26°19 | 16°48 | 23°54 | 23°22 | 15°20 | 5° 7 | T 9 |
| F 10 | 3 17 55 | 17°48'48 | 28°37 | 21°37 | 3°19 | 11°59 | 17°41 | 11°43 | 10°59 | 26°19 | 16°48 | 23°42 | 23°18 | 15°27 | 5° 4 | F 10 |
| S 11 | 3 21 52 | 18°48'55 | 12♐32 | 23°12 | 4°34 | 12° 3 | 17°46 | 11°44 | 11° 0 | 26°20 | 16°47 | 23°30 | 23°15 | 15°33 | 5° 1 | S 11 |
| S 12 | 3 25 48 | 19°49'03 | 26° 3 | 24°47 | 5°49 | 12° 6 | 17°50 | 11°45 | 11° 1 | 26°20 | 16°46 | 23°20 | 23°12 | 15°40 | 4°58 | S 12 |
| M13 | 3 29 45 | 20°49'13 | 9♑10 | 26°22 | 7° 4 | 12° 8 | 17°54 | 11°47 | 11° 2 | 26°21 | 16°46 | 23°12 | 23° 9 | 15°47 | 4°55 | M13 |
| T 14 | 3 33 42 | 21°49'25 | 21°52 | 27°57 | 8°19 | 12° 9 | 17°58 | 11°48 | 11° 4 | 26°21 | 16°45 | 23° 7 | 23° 6 | 15°53 | 4°52 | T 14 |
| W15 | 3 37 38 | 22°49'38 | 4♒13 | 29°31 | 9°34 | 12°R10 | 18° 2 | 11°49 | 11° 5 | 26°22 | 16°45 | 23° 4 | 23° 2 | 16° 0 | 4°50 | W15 |
| T 16 | 3 41 35 | 23°49'52 | 16°18 | 1♐ 4 | 10°49 | 12° 9 | 18° 6 | 11°49 | 11° 6 | 26°22 | 16°44 | 23° 3 | 22°59 | 16° 7 | 4°47 | T 16 |
| F 17 | 3 45 31 | 24°50'08 | 28°12 | 2°38 | 12° 3 | 12° 8 | 18° 9 | 11°50 | 11° 7 | 26°23 | 16°43 | 23° 3 | 22°56 | 16°13 | 4°44 | F 17 |
| S 18 | 3 49 28 | 25°50'26 | 10♓ 1 | 4°11 | 13°18 | 12° 6 | 18°13 | 11°51 | 11° 9 | 26°23 | 16°43 | 23° 3 | 22°53 | 16°20 | 4°42 | S 18 |
| S 19 | 3 53 24 | 26°50'44 | 21°49 | 5°44 | 14°33 | 12° 3 | 18°16 | 11°51 | 11°10 | 26°24 | 16°42 | 23° 1 | 22°50 | 16°27 | 4°39 | S 19 |
| M20 | 3 57 21 | 27°51'05 | 3♈43 | 7°16 | 15°48 | 11°59 | 18°19 | 11°52 | 11°12 | 26°24 | 16°41 | 22°56 | 22°47 | 16°33 | 4°36 | M20 |
| T 21 | 4 1 17 | 28°51'26 | 15°46 | 8°48 | 17° 3 | 11°54 | 18°21 | 11°52 | 11°13 | 26°24 | 16°40 | 22°49 | 22°43 | 16°40 | 4°34 | T 21 |
| W22 | 4 5 14 | 29°51'49 | 28° 2 | 10°20 | 18°18 | 11°49 | 18°24 | 11°52 | 11°15 | 26°24 | 16°40 | 22°39 | 22°40 | 16°47 | 4°31 | W22 |
| T 23 | 4 9 10 | 0♐52'14 | 10♉34 | 11°52 | 19°32 | 11°42 | 18°26 | 11°R52 | 11°17 | 26°25 | 16°39 | 22°27 | 22°37 | 16°53 | 4°28 | T 23 |
| F 24 | 4 13 7 | 1°52'40 | 23°21 | 13°23 | 20°47 | 11°35 | 18°28 | 11°52 | 11°18 | 26°25 | 16°38 | 22°14 | 22°34 | 17° 0 | 4°26 | F 24 |
| S 25 | 4 17 4 | 2°53'08 | 6♊24 | 14°54 | 22° 2 | 11°27 | 18°31 | 11°52 | 11°20 | 26°25 | 16°37 | 22° 1 | 22°31 | 17° 7 | 4°23 | S 25 |
| S 26 | 4 21 0 | 3°53'37 | 19°41 | 16°25 | 23°17 | 11°18 | 18°32 | 11°52 | 11°22 | 26°25 | 16°36 | 21°48 | 22°28 | 17°13 | 4°21 | S 26 |
| M27 | 4 24 57 | 4°54'08 | 3♋10 | 17°55 | 24°32 | 11° 8 | 18°34 | 11°51 | 11°24 | 26°25 | 16°35 | 21°39 | 22°24 | 17°20 | 4°19 | M27 |
| T 28 | 4 28 53 | 5°54'40 | 16°49 | 19°26 | 25°46 | 10°57 | 18°35 | 11°51 | 11°26 | 26°25 | 16°35 | 21°32 | 22°21 | 17°26 | 4°16 | T 28 |
| W29 | 4 32 50 | 6°55'15 | 0♌36 | 20°56 | 27° 1 | 10°45 | 18°37 | 11°50 | 11°28 | 26°R25 | 16°34 | 21°27 | 22°18 | 17°33 | 4°14 | W29 |
| T 30 | 4 36 46 | 7♐55'50 | 14♌29 | 22♐25 | 28♐16 | 10♋33 | 18♌38 | 11♌49 | 11♒30 | 26♌25 | 16♋33 | 21♒26 | 22♒15 | 17♓40 | 4♉11 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s25 | 24n44 | 2n52 | 13s 5 | 0n45 | 18s 0 | 0n16 | 23n43 | 0n46 | 16n11 | 0n28 | 17n38 | 0n20 | 18s 6 | 0s39 | 12n59 | 0n14 | 19n10 | 3s11 | 13s20 | 13s34 | 4s26 | 12n42 | 0s39 |
| T 2 | 14 44 | 21 2 | 1 48 | 13 43 | 0 39 | 18 21 | 0 13 | 23 44 | 0 49 | 16 9 | 0 28 | 17 38 | 0 20 | 18 6 | 0 39 | 12 59 | 0 14 | 19 10 | 3 11 | 13 20 | 13 35 | 4 22 | 12 41 | 0 39 |
| F 3 | 15 2 | 16 6 | 0 36 | 14 21 | 0 32 | 18 42 | 0 11 | 23 46 | 0 51 | 16 8 | 0 28 | 17 37 | 0 20 | 18 6 | 0 39 | 12 58 | 0 14 | 19 10 | 3 11 | 13 21 | 13 36 | 4 19 | 12 40 | 0 39 |
| S 4 | 15 21 | 10 14 | 0s39 | 14 58 | 0 25 | 19 3 | 0 8 | 23 48 | 0 54 | 16 6 | 0 28 | 17 37 | 0 21 | 18 6 | 0 39 | 12 58 | 0 14 | 19 10 | 3 11 | 13 21 | 13 37 | 4 16 | 12 39 | 0 40 |
| S 5 | 15 39 | 3 45 | 1 52 | 15 34 | 0 18 | 19 22 | 0 6 | 23 50 | 0 56 | 16 5 | 0 28 | 17 36 | 0 21 | 18 5 | 0 39 | 12 58 | 0 14 | 19 10 | 3 11 | 13 21 | 13 38 | 4 13 | 12 38 | 0 40 |
| M 6 | 15 57 | 2s58 | 2 59 | 16 10 | 0 12 | 19 42 | 0 3 | 23 52 | 0 59 | 16 3 | 0 29 | 17 36 | 0 21 | 18 5 | 0 39 | 12 57 | 0 14 | 19 10 | 3 11 | 13 22 | 13 39 | 4 9 | 12 37 | 0 40 |
| T 7 | 16 15 | 9 35 | 3 54 | 16 44 | 0 5 | 20 0 | 0 1 | 23 54 | 1 2 | 16 2 | 0 29 | 17 36 | 0 21 | 18 5 | 0 39 | 12 57 | 0 14 | 19 10 | 3 11 | 13 24 | 13 40 | 4 6 | 12 36 | 0 40 |
| W 8 | 16 32 | 15 40 | 4 34 | 17 18 | 0s 2 | 20 19 | 0s 2 | 23 56 | 1 4 | 16 1 | 0 29 | 17 35 | 0 21 | 18 5 | 0 39 | 12 57 | 0 14 | 19 10 | 3 11 | 13 28 | 13 41 | 4 3 | 12 35 | 0 40 |
| T 9 | 16 49 | 20 49 | 4 56 | 17 51 | 0 9 | 20 36 | 0 4 | 23 58 | 1 7 | 15 59 | 0 29 | 17 35 | 0 21 | 18 4 | 0 39 | 12 57 | 0 14 | 19 10 | 3 11 | 13 31 | 13 42 | 3 59 | 12 34 | 0 40 |
| F 10 | 17 6 | 24 40 | 4 59 | 18 22 | 0 15 | 20 53 | 0 7 | 24 1 | 1 10 | 15 58 | 0 29 | 17 35 | 0 21 | 18 4 | 0 39 | 12 57 | 0 14 | 19 10 | 3 11 | 13 36 | 13 43 | 3 56 | 12 33 | 0 40 |
| S 11 | 17 23 | 26 57 | 4 44 | 18 53 | 0 22 | 21 10 | 0 9 | 24 3 | 1 13 | 15 57 | 0 30 | 17 34 | 0 22 | 18 4 | 0 39 | 12 56 | 0 15 | 19 10 | 3 11 | 13 39 | 13 44 | 3 53 | 12 32 | 0 40 |
| S 12 | 17 39 | 27 33 | 4 13 | 19 23 | 0 29 | 21 25 | 0 12 | 24 6 | 1 16 | 15 56 | 0 30 | 17 34 | 0 22 | 18 3 | 0 39 | 12 56 | 0 15 | 19 10 | 3 11 | 13 43 | 13 45 | 3 49 | 12 31 | 0 40 |
| M13 | 17 55 | 26 34 | 3 30 | 19 52 | 0 35 | 21 41 | 0 14 | 24 8 | 1 18 | 15 55 | 0 30 | 17 34 | 0 22 | 18 3 | 0 39 | 12 56 | 0 15 | 19 10 | 3 11 | 13 45 | 13 46 | 3 46 | 12 30 | 0 40 |
| T 14 | 18 11 | 24 12 | 2 37 | 20 20 | 0 42 | 21 55 | 0 17 | 24 11 | 1 21 | 15 53 | 0 30 | 17 34 | 0 22 | 18 3 | 0 39 | 12 56 | 0 15 | 19 10 | 3 11 | 13 47 | 13 47 | 3 43 | 12 29 | 0 40 |
| W15 | 18 26 | 20 45 | 1 38 | 20 47 | 0 48 | 22 9 | 0 19 | 24 14 | 1 24 | 15 52 | 0 30 | 17 34 | 0 22 | 18 2 | 0 39 | 12 56 | 0 15 | 19 11 | 3 11 | 13 48 | 13 48 | 3 39 | 12 28 | 0 40 |
| T 16 | 18 41 | 16 29 | 0 36 | 21 13 | 0 55 | 22 23 | 0 22 | 24 17 | 1 27 | 15 52 | 0 31 | 17 34 | 0 22 | 18 2 | 0 39 | 12 56 | 0 15 | 19 11 | 3 11 | 13 48 | 13 49 | 3 36 | 12 27 | 0 41 |
| F 17 | 18 56 | 11 39 | 0n27 | 21 38 | 1 1 | 22 35 | 0 24 | 24 20 | 1 30 | 15 51 | 0 31 | 17 34 | 0 22 | 18 1 | 0 39 | 12 56 | 0 15 | 19 11 | 3 11 | 13 48 | 13 51 | 3 33 | 12 26 | 0 41 |
| S 18 | 19 11 | 6 26 | 1 29 | 22 2 | 1 7 | 22 48 | 0 27 | 24 23 | 1 33 | 15 50 | 0 31 | 17 34 | 0 23 | 18 1 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 13 48 | 13 52 | 3 29 | 12 25 | 0 41 |
| S 19 | 19 25 | 1 0 | 2 26 | 22 24 | 1 13 | 22 59 | 0 29 | 24 26 | 1 36 | 15 49 | 0 31 | 17 34 | 0 23 | 18 1 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 13 49 | 13 53 | 3 26 | 12 24 | 0 41 |
| M20 | 19 38 | 4n30 | 3 17 | 22 46 | 1 19 | 23 10 | 0 32 | 24 30 | 1 39 | 15 48 | 0 31 | 17 34 | 0 23 | 18 0 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 13 50 | 13 54 | 3 23 | 12 23 | 0 41 |
| T 21 | 19 52 | 9 54 | 4 1 | 23 6 | 1 24 | 23 20 | 0 34 | 24 33 | 1 42 | 15 48 | 0 32 | 17 34 | 0 23 | 18 0 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 13 53 | 13 55 | 3 19 | 12 22 | 0 41 |
| W22 | 20 5 | 15 0 | 4 34 | 23 26 | 1 30 | 23 29 | 0 37 | 24 37 | 1 45 | 15 47 | 0 32 | 17 34 | 0 23 | 17 59 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 13 56 | 13 56 | 3 16 | 12 21 | 0 41 |
| T 23 | 20 17 | 19 36 | 4 54 | 23 44 | 1 35 | 23 38 | 0 39 | 24 40 | 1 48 | 15 47 | 0 32 | 17 34 | 0 23 | 17 59 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 14 0 | 13 57 | 3 13 | 12 20 | 0 41 |
| F 24 | 20 30 | 23 25 | 5 0 | 24 1 | 1 40 | 23 46 | 0 42 | 24 44 | 1 51 | 15 46 | 0 32 | 17 34 | 0 23 | 17 58 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 14 4 | 13 58 | 3 9 | 12 19 | 0 41 |
| S 25 | 20 41 | 26 6 | 4 51 | 24 17 | 1 45 | 23 53 | 0 44 | 24 48 | 1 54 | 15 46 | 0 32 | 17 34 | 0 24 | 17 58 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 14 9 | 13 59 | 3 6 | 12 19 | 0 41 |
| S 26 | 20 53 | 27 24 | 4 26 | 24 31 | 1 50 | 23 59 | 0 46 | 24 52 | 1 57 | 15 45 | 0 33 | 17 34 | 0 24 | 17 57 | 0 39 | 12 55 | 0 15 | 19 11 | 3 11 | 14 12 | 14 0 | 3 3 | 12 18 | 0 41 |
| M27 | 21 4 | 27 7 | 3 46 | 24 44 | 1 54 | 24 5 | 0 49 | 24 55 | 2 1 | 15 45 | 0 33 | 17 35 | 0 24 | 17 57 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 16 | 14 1 | 3 0 | 12 17 | 0 41 |
| T 28 | 21 15 | 25 11 | 2 52 | 24 56 | 1 59 | 24 10 | 0 51 | 24 59 | 2 4 | 15 45 | 0 33 | 17 35 | 0 24 | 17 56 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 18 | 14 2 | 2 56 | 12 16 | 0 41 |
| W29 | 21 25 | 21 44 | 1 48 | 25 7 | 2 3 | 24 15 | 0 53 | 25 3 | 2 7 | 15 45 | 0 33 | 17 35 | 0 24 | 17 56 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 19 | 14 3 | 2 53 | 12 15 | 0 41 |
| T 30 | 21s35 | 17n 2 | 0n37 | 25s16 | 2s 6 | 24s18 | 0s56 | 25n 8 | 2n10 | 15n44 | 0n33 | 17n36 | 0n24 | 17s55 | 0s39 | 12n55 | 0n15 | 19n12 | 3s11 | 14s20 | 14s 4 | 2s50 | 12n14 | 0s41 |

Julian Day Number = 2604155.5, Delta T = 09m30s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'55, Lahiri = 29°41'56


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# ASTRODIENST EPHEMERIS for the year 2417
# geocentric

## DECEMBER 2417 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 40 43 | 8♐56'28 | 28♌28 | 23♐54 | 29♐31 | 10°R20 | 18♌39 | 11°R48 | 11♒32 | 26°R25 | 16°R32 | 21°D26 | 22♒12 | 17♓46 | 4°R 9 | F 1 |
| S 2 | 4 44 40 | 9°57'07 | 12♍31 | 25°23 | 0♑46 | 10♋ 5 | 18°39 | 11♌47 | 11°34 | 26♌25 | 16♋31 | 21°R26 | 22° 8 | 17°53 | 4♉ 7 | S 2 |
| S 3 | 4 48 36 | 10°57'47 | 26°39 | 26°51 | 2° 0 | 9°51 | 18°40 | 11°46 | 11°36 | 26°25 | 16°30 | 21♒25 | 22° 5 | 18° 0 | 4° 5 | S 3 |
| M 4 | 4 52 33 | 11°58'30 | 10♎50 | 28°19 | 3°15 | 9°35 | 18°40 | 11°45 | 11°38 | 26°25 | 16°29 | 21°22 | 22° 2 | 18° 6 | 4° 2 | M 4 |
| T 5 | 4 56 29 | 12°59'14 | 25° 2 | 29°47 | 4°30 | 9°18 | 18°R40 | 11°44 | 11°40 | 26°24 | 16°28 | 21°16 | 21°59 | 18°13 | 4° 0 | T 5 |
| W 6 | 5 0 26 | 13°59'59 | 9♏11 | 1♑13 | 5°45 | 9° 1 | 18°40 | 11°42 | 11°42 | 26°24 | 16°27 | 21° 8 | 21°56 | 18°20 | 3°58 | W 6 |
| T 7 | 5 4 22 | 15° 0'46 | 23°15 | 2°39 | 7° 0 | 8°43 | 18°40 | 11°41 | 11°44 | 26°24 | 16°26 | 20°57 | 21°53 | 18°26 | 3°56 | T 7 |
| F 8 | 5 8 19 | 16° 1'35 | 7♐ 7 | 4° 5 | 8°14 | 8°25 | 18°39 | 11°39 | 11°47 | 26°24 | 16°25 | 20°46 | 21°49 | 18°33 | 3°54 | F 8 |
| S 9 | 5 12 15 | 17° 2'24 | 20°44 | 5°29 | 9°29 | 8° 6 | 18°38 | 11°38 | 11°49 | 26°23 | 16°24 | 20°35 | 21°46 | 18°40 | 3°52 | S 9 |
| S 10 | 5 16 12 | 18° 3'15 | 4♑ 2 | 6°52 | 10°44 | 7°46 | 18°37 | 11°36 | 11°51 | 26°23 | 16°23 | 20°25 | 21°43 | 18°46 | 3°50 | S 10 |
| M11 | 5 20 9 | 19° 4'07 | 17° 1 | 8°14 | 11°59 | 7°26 | 18°36 | 11°34 | 11°54 | 26°22 | 16°22 | 20°18 | 21°40 | 18°53 | 3°49 | M11 |
| T 12 | 5 24 5 | 20° 5'00 | 29°39 | 9°34 | 13°14 | 7° 5 | 18°35 | 11°32 | 11°56 | 26°22 | 16°21 | 20°13 | 21°37 | 19° 0 | 3°47 | T 12 |
| W13 | 5 28 2 | 21° 5'53 | 11♒59 | 10°53 | 14°28 | 6°43 | 18°33 | 11°30 | 11°59 | 26°22 | 16°20 | 20°11 | 21°34 | 19° 6 | 3°45 | W13 |
| T 14 | 5 31 58 | 22° 6'48 | 24° 4 | 12° 9 | 15°43 | 6°22 | 18°32 | 11°27 | 12° 1 | 26°21 | 16°19 | 20°D11 | 21°30 | 19°13 | 3°43 | T 14 |
| F 15 | 5 35 55 | 23° 7'43 | 5♓59 | 13°23 | 16°58 | 5°59 | 18°30 | 11°25 | 12° 4 | 26°20 | 16°17 | 20°11 | 21°27 | 19°20 | 3°42 | F 15 |
| S 16 | 5 39 51 | 24° 8'38 | 17°48 | 14°35 | 18°12 | 5°37 | 18°28 | 11°23 | 12° 7 | 26°20 | 16°16 | 20°12 | 21°24 | 19°26 | 3°40 | S 16 |
| S 17 | 5 43 48 | 25° 9'35 | 29°37 | 15°43 | 19°27 | 5°14 | 18°25 | 11°20 | 12° 9 | 26°19 | 16°15 | 20°R12 | 21°21 | 19°33 | 3°38 | S 17 |
| M18 | 5 47 44 | 26°10'32 | 11♈32 | 16°48 | 20°42 | 4°51 | 18°23 | 11°17 | 12°12 | 26°19 | 16°14 | 20°11 | 21°18 | 19°40 | 3°37 | M18 |
| T 19 | 5 51 41 | 27°11'29 | 23°36 | 17°49 | 21°57 | 4°28 | 18°20 | 11°15 | 12°15 | 26°18 | 16°13 | 20° 7 | 21°14 | 19°46 | 3°35 | T 19 |
| W20 | 5 55 38 | 28°12'28 | 5♉55 | 18°45 | 23°11 | 4° 5 | 18°17 | 11°12 | 12°17 | 26°17 | 16°12 | 20° 1 | 21°11 | 19°53 | 3°34 | W20 |
| T 21 | 5 59 34 | 29°13'27 | 18°33 | 19°35 | 24°26 | 3°41 | 18°14 | 11° 9 | 12°20 | 26°17 | 16°11 | 19°54 | 21° 8 | 20° 0 | 3°33 | T 21 |
| F 22 | 6 3 31 | 0♑14'26 | 1♊31 | 20°19 | 25°41 | 3°18 | 18°11 | 11° 6 | 12°23 | 26°16 | 16° 9 | 19°45 | 21° 5 | 20° 6 | 3°31 | F 22 |
| S 23 | 6 7 27 | 1°15'26 | 14°49 | 20°57 | 26°55 | 2°54 | 18° 7 | 11° 3 | 12°26 | 26°15 | 16° 8 | 19°36 | 21° 2 | 20°13 | 3°30 | S 23 |
| S 24 | 6 11 24 | 2°16'27 | 28°27 | 21°26 | 28°10 | 2°31 | 18° 4 | 10°59 | 12°28 | 26°14 | 16° 7 | 19°28 | 20°59 | 20°20 | 3°29 | S 24 |
| M25 | 6 15 20 | 3°17'28 | 12♋21 | 21°46 | 29°24 | 2° 7 | 18° 0 | 10°56 | 12°31 | 26°13 | 16° 6 | 19°21 | 20°55 | 20°26 | 3°28 | M25 |
| T 26 | 6 19 17 | 4°18'30 | 26°28 | 21°57 | 0♒39 | 1°44 | 17°56 | 10°53 | 12°34 | 26°12 | 16° 5 | 19°17 | 20°52 | 20°33 | 3°27 | T 26 |
| W27 | 6 23 14 | 5°19'33 | 10♌42 | 21°R57 | 1°53 | 1°21 | 17°52 | 10°49 | 12°37 | 26°12 | 16° 3 | 19°15 | 20°49 | 20°40 | 3°26 | W27 |
| T 28 | 6 27 10 | 6°20'36 | 24°59 | 21°46 | 3° 8 | 0°58 | 17°47 | 10°46 | 12°40 | 26°11 | 16° 2 | 19°D14 | 20°46 | 20°46 | 3°25 | T 28 |
| F 29 | 6 31 7 | 7°21'41 | 9♍16 | 21°24 | 4°22 | 0°36 | 17°43 | 10°42 | 12°43 | 26°10 | 16° 1 | 19°15 | 20°43 | 20°53 | 3°24 | F 29 |
| S 30 | 6 35 3 | 8°22'45 | 23°30 | 20°49 | 5°37 | 0°14 | 17°38 | 10°38 | 12°46 | 26° 9 | 16° 0 | 19°17 | 20°40 | 21° 0 | 3°23 | S 30 |
| S 31 | 6 39 0 | 9♑23'51 | 7♎39 | 20♑ 3 | 6♒51 | 29♊52 | 17♌33 | 10♌35 | 12♒49 | 26♌ 8 | 15♋59 | 19°R18 | 20♒36 | 21♓ 6 | 3♉22 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s45 | 11n24 | 0s37 | 25s24 | 2s10 | 24s21 | 0s58 | 25n12 | 2n13 | 15n44 | 0n34 | 17n36 | 0n24 | 17s54 | 0s39 | 12n55 | 0n15 | 19n12 | 3s11 | 14s20 | 14s 5 | 2s46 | 12n13 | 0s42 |
| S 2 | 21 54 | 5 10 | 1 50 | 25 31 | 2 13 | 24 23 | 1 0 | 25 16 | 2 16 | 15 44 | 0 34 | 17 36 | 0 25 | 17 54 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 20 | 14 6 | 2 43 | 12 13 | 0 42 |
| S 3 | 22 2 | 1s21 | 2 55 | 25 37 | 2 16 | 24 25 | 1 2 | 25 20 | 2 19 | 15 44 | 0 34 | 17 37 | 0 25 | 17 53 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 20 | 14 7 | 2 40 | 12 12 | 0 42 |
| M 4 | 22 11 | 7 49 | 3 51 | 25 41 | 2 18 | 24 25 | 1 4 | 25 24 | 2 22 | 15 45 | 0 34 | 17 37 | 0 25 | 17 53 | 0 39 | 12 55 | 0 15 | 19 12 | 3 11 | 14 21 | 14 8 | 2 36 | 12 11 | 0 42 |
| T 5 | 22 18 | 13 53 | 4 32 | 25 43 | 2 20 | 24 25 | 1 6 | 25 28 | 2 25 | 15 45 | 0 35 | 17 38 | 0 25 | 17 52 | 0 39 | 12 55 | 0 15 | 19 13 | 3 11 | 14 23 | 14 9 | 2 33 | 12 10 | 0 42 |
| W 6 | 22 26 | 19 12 | 4 56 | 25 45 | 2 22 | 24 24 | 1 9 | 25 32 | 2 28 | 15 45 | 0 35 | 17 38 | 0 25 | 17 51 | 0 39 | 12 55 | 0 15 | 19 13 | 3 11 | 14 25 | 14 10 | 2 30 | 12 10 | 0 42 |
| T 7 | 22 33 | 23 25 | 5 2 | 25 44 | 2 23 | 24 23 | 1 11 | 25 37 | 2 31 | 15 45 | 0 35 | 17 39 | 0 25 | 17 51 | 0 39 | 12 56 | 0 15 | 19 13 | 3 11 | 14 29 | 14 11 | 2 26 | 12 9 | 0 42 |
| F 8 | 22 39 | 26 13 | 4 51 | 25 43 | 2 24 | 24 20 | 1 12 | 25 41 | 2 34 | 15 46 | 0 35 | 17 39 | 0 25 | 17 50 | 0 39 | 12 56 | 0 15 | 19 13 | 3 11 | 14 32 | 14 12 | 2 23 | 12 8 | 0 42 |
| S 9 | 22 45 | 27 26 | 4 22 | 25 40 | 2 24 | 24 17 | 1 14 | 25 45 | 2 37 | 15 46 | 0 35 | 17 40 | 0 26 | 17 49 | 0 38 | 12 56 | 0 15 | 19 13 | 3 11 | 14 36 | 14 13 | 2 20 | 12 7 | 0 42 |
| S 10 | 22 51 | 27 0 | 3 40 | 25 36 | 2 24 | 24 13 | 1 16 | 25 49 | 2 39 | 15 47 | 0 36 | 17 41 | 0 26 | 17 49 | 0 38 | 12 56 | 0 15 | 19 13 | 3 11 | 14 39 | 14 14 | 2 16 | 12 7 | 0 42 |
| M11 | 22 56 | 25 5 | 2 47 | 25 30 | 2 23 | 24 9 | 1 18 | 25 53 | 2 42 | 15 47 | 0 36 | 17 41 | 0 26 | 17 48 | 0 38 | 12 56 | 0 15 | 19 13 | 3 11 | 14 41 | 14 15 | 2 13 | 12 6 | 0 42 |
| T 12 | 23 1 | 21 56 | 1 48 | 25 23 | 2 21 | 24 3 | 1 20 | 25 57 | 2 45 | 15 48 | 0 36 | 17 42 | 0 26 | 17 47 | 0 38 | 12 56 | 0 15 | 19 14 | 3 11 | 14 43 | 14 16 | 2 10 | 12 5 | 0 42 |
| W13 | 23 5 | 17 52 | 0 44 | 25 15 | 2 19 | 23 57 | 1 22 | 26 0 | 2 48 | 15 48 | 0 36 | 17 43 | 0 26 | 17 47 | 0 38 | 12 56 | 0 15 | 19 14 | 3 11 | 14 43 | 14 17 | 2 6 | 12 5 | 0 42 |
| T 14 | 23 9 | 13 8 | 0n21 | 25 6 | 2 16 | 23 51 | 1 23 | 26 4 | 2 50 | 15 49 | 0 36 | 17 44 | 0 26 | 17 46 | 0 38 | 12 57 | 0 15 | 19 14 | 3 11 | 14 44 | 14 18 | 2 3 | 12 4 | 0 42 |
| F 15 | 23 13 | 8 0 | 1 24 | 24 55 | 2 13 | 23 43 | 1 25 | 26 8 | 2 53 | 15 50 | 0 37 | 17 44 | 0 26 | 17 45 | 0 38 | 12 57 | 0 15 | 19 14 | 3 11 | 14 43 | 14 19 | 2 0 | 12 3 | 0 42 |
| S 16 | 23 15 | 2 37 | 2 23 | 24 43 | 2 8 | 23 35 | 1 26 | 26 11 | 2 55 | 15 51 | 0 37 | 17 45 | 0 26 | 17 44 | 0 38 | 12 57 | 0 15 | 19 14 | 3 11 | 14 43 | 14 20 | 1 56 | 12 3 | 0 42 |
| S 17 | 23 18 | 2n50 | 3 16 | 24 30 | 2 3 | 23 26 | 1 28 | 26 14 | 2 58 | 15 52 | 0 37 | 17 46 | 0 27 | 17 44 | 0 38 | 12 57 | 0 15 | 19 14 | 3 11 | 14 43 | 14 21 | 1 53 | 12 2 | 0 42 |
| M18 | 23 20 | 8 14 | 4 0 | 24 16 | 1 57 | 23 16 | 1 29 | 26 18 | 3 0 | 15 53 | 0 37 | 17 47 | 0 27 | 17 43 | 0 38 | 12 57 | 0 15 | 19 15 | 3 11 | 14 43 | 14 22 | 1 50 | 12 2 | 0 42 |
| T 19 | 23 21 | 13 24 | 4 35 | 24 1 | 1 50 | 23 6 | 1 31 | 26 21 | 3 2 | 15 54 | 0 38 | 17 48 | 0 27 | 17 42 | 0 38 | 12 58 | 0 15 | 19 15 | 3 11 | 14 45 | 14 23 | 1 46 | 12 1 | 0 43 |
| W20 | 23 22 | 18 9 | 4 58 | 23 46 | 1 42 | 22 55 | 1 32 | 26 24 | 3 4 | 15 55 | 0 38 | 17 49 | 0 27 | 17 41 | 0 38 | 12 58 | 0 15 | 19 15 | 3 11 | 14 46 | 14 24 | 1 43 | 12 1 | 0 43 |
| T 21 | 23 23 | 22 13 | 5 7 | 23 29 | 1 33 | 22 43 | 1 33 | 26 26 | 3 6 | 15 56 | 0 38 | 17 50 | 0 27 | 17 41 | 0 38 | 12 58 | 0 15 | 19 15 | 3 11 | 14 49 | 14 25 | 1 40 | 12 0 | 0 43 |
| F 22 | 23 23 | 25 19 | 5 1 | 23 12 | 1 22 | 22 31 | 1 35 | 26 29 | 3 8 | 15 57 | 0 38 | 17 51 | 0 27 | 17 40 | 0 38 | 12 59 | 0 15 | 19 15 | 3 11 | 14 52 | 14 26 | 1 37 | 12 0 | 0 43 |
| S 23 | 23 23 | 27 8 | 4 38 | 22 55 | 1 11 | 22 18 | 1 36 | 26 31 | 3 10 | 15 58 | 0 38 | 17 52 | 0 27 | 17 39 | 0 38 | 12 59 | 0 15 | 19 15 | 3 11 | 14 54 | 14 27 | 1 33 | 11 59 | 0 43 |
| S 24 | 23 22 | 27 22 | 3 59 | 22 38 | 0 58 | 22 4 | 1 37 | 26 34 | 3 12 | 16 0 | 0 39 | 17 53 | 0 28 | 17 38 | 0 38 | 12 59 | 0 15 | 19 16 | 3 11 | 14 57 | 14 28 | 1 30 | 11 59 | 0 43 |
| M25 | 23 21 | 25 54 | 3 6 | 22 21 | 0 44 | 21 50 | 1 38 | 26 36 | 3 14 | 16 1 | 0 39 | 17 54 | 0 28 | 17 37 | 0 38 | 12 59 | 0 15 | 19 16 | 3 11 | 14 59 | 14 29 | 1 27 | 11 58 | 0 43 |
| T 26 | 23 19 | 22 47 | 2 0 | 22 4 | 0 28 | 21 35 | 1 39 | 26 38 | 3 15 | 16 3 | 0 39 | 17 55 | 0 28 | 17 36 | 0 38 | 13 0 | 0 15 | 19 16 | 3 11 | 15 0 | 14 30 | 1 23 | 11 58 | 0 43 |
| W27 | 23 17 | 18 15 | 0 46 | 21 48 | 0 12 | 21 19 | 1 40 | 26 39 | 3 17 | 16 4 | 0 39 | 17 56 | 0 28 | 17 36 | 0 38 | 13 0 | 0 15 | 19 16 | 3 11 | 15 1 | 14 31 | 1 20 | 11 57 | 0 43 |
| T 28 | 23 14 | 12 41 | 0s31 | 21 32 | 0n 6 | 21 3 | 1 41 | 26 41 | 3 18 | 16 6 | 0 39 | 17 57 | 0 28 | 17 35 | 0 38 | 13 0 | 0 15 | 19 16 | 3 11 | 15 1 | 14 32 | 1 17 | 11 57 | 0 43 |
| F 29 | 23 11 | 6 26 | 1 47 | 21 17 | 0 25 | 20 46 | 1 41 | 26 43 | 3 19 | 16 7 | 0 40 | 17 58 | 0 28 | 17 34 | 0 38 | 13 1 | 0 15 | 19 16 | 3 11 | 15 1 | 14 33 | 1 13 | 11 57 | 0 43 |
| S 30 | 23 7 | 0s 6 | 2 55 | 21 3 | 0 44 | 20 28 | 1 42 | 26 44 | 3 21 | 16 9 | 0 40 | 17 59 | 0 28 | 17 33 | 0 38 | 13 1 | 0 15 | 19 17 | 3 11 | 15 0 | 14 34 | 1 10 | 11 56 | 0 43 |
| S 31 | 23s 3 | 6s35 | 3s53 | 20s51 | 1n 4 | 20s10 | 1s43 | 26n45 | 3n22 | 16n10 | 0n40 | 18n 0 | 0n29 | 17s32 | 0s38 | 13n 1 | 0n15 | 19n17 | 3s10 | 15s 0 | 14s35 | 1s 7 | 11n56 | 0s43 |

Julian Day Number = 2604185.5, Delta T = 09m30s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°34'59, Lahiri = 29°42'01


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## JANUARY 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 42 56 | 10♑24'57 | 21♎41 | 19°R 7 | 8♒ 6 | 29°R31 | 17°R28 | 10°R31 | 12♒52 | 26°R 7 | 15°R57 | 19°R17 | 20♒33 | 21♓13 | 3°R21 | M 1 |
| T 2 | 6 46 53 | 11°26'04 | 5♏36 | 18♑ 1 | 9°20 | 29♊10 | 17♌23 | 10♌27 | 12°55 | 26♌ 6 | 15♋56 | 19♒15 | 20°30 | 21°20 | 3♉21 | T 2 |
| W 3 | 6 50 49 | 12°27'12 | 19°22 | 16°47 | 10°35 | 28°49 | 17°18 | 10°23 | 12°59 | 26° 4 | 15°55 | 19°11 | 20°27 | 21°26 | 3°20 | W 3 |
| T 4 | 6 54 46 | 13°28'20 | 2♐58 | 15°28 | 11°49 | 28°29 | 17°12 | 10°19 | 13° 2 | 26° 3 | 15°54 | 19° 5 | 20°24 | 21°33 | 3°19 | T 4 |
| F 5 | 6 58 43 | 14°29'29 | 16°23 | 14° 7 | 13° 4 | 28°10 | 17° 7 | 10°15 | 13° 5 | 26° 2 | 15°52 | 18°59 | 20°20 | 21°40 | 3°19 | F 5 |
| S 6 | 7 2 39 | 15°30'38 | 29°34 | 12°45 | 14°18 | 27°51 | 17° 1 | 10°10 | 13° 8 | 26° 1 | 15°51 | 18°53 | 20°17 | 21°46 | 3°19 | S 6 |
| S 7 | 7 6 36 | 16°31'47 | 12♑31 | 11°26 | 15°32 | 27°33 | 16°55 | 10° 6 | 13°11 | 26° 0 | 15°50 | 18°48 | 20°14 | 21°53 | 3°18 | S 7 |
| M 8 | 7 10 32 | 17°32'56 | 25°13 | 10°12 | 16°47 | 27°16 | 16°49 | 10° 2 | 13°15 | 25°59 | 15°49 | 18°44 | 20°11 | 22° 0 | 3°18 | M 8 |
| T 9 | 7 14 29 | 18°34'06 | 7♒41 | 9° 5 | 18° 1 | 26°59 | 16°42 | 9°57 | 13°18 | 25°57 | 15°47 | 18°42 | 20° 8 | 22° 6 | 3°18 | T 9 |
| W10 | 7 18 25 | 19°35'15 | 19°54 | 8° 6 | 19°15 | 26°43 | 16°36 | 9°53 | 13°21 | 25°56 | 15°46 | 18°D41 | 20° 5 | 22°13 | 3°17 | W10 |
| T 11 | 7 22 22 | 20°36'24 | 1♓56 | 7°18 | 20°30 | 26°28 | 16°30 | 9°49 | 13°24 | 25°55 | 15°45 | 18°42 | 20° 1 | 22°20 | 3°17 | T 11 |
| F 12 | 7 26 18 | 21°37'33 | 13°50 | 6°39 | 21°44 | 26°13 | 16°23 | 9°44 | 13°28 | 25°54 | 15°44 | 18°44 | 19°58 | 22°26 | 3°17 | F 12 |
| S 13 | 7 30 15 | 22°38'42 | 25°39 | 6°10 | 22°58 | 26° 0 | 16°16 | 9°39 | 13°31 | 25°52 | 15°43 | 18°46 | 19°55 | 22°33 | 3°D17 | S 13 |
| S 14 | 7 34 12 | 23°39'51 | 7♈28 | 5°51 | 24°12 | 25°47 | 16° 9 | 9°35 | 13°34 | 25°51 | 15°41 | 18°47 | 19°52 | 22°40 | 3°17 | S 14 |
| M15 | 7 38 8 | 24°40'59 | 19°21 | 5°D42 | 25°26 | 25°35 | 16° 2 | 9°30 | 13°38 | 25°49 | 15°40 | 18°R48 | 19°49 | 22°46 | 3°17 | M15 |
| T 16 | 7 42 5 | 25°42'06 | 1♉24 | 5°42 | 26°40 | 25°23 | 15°55 | 9°26 | 13°41 | 25°48 | 15°39 | 18°48 | 19°46 | 22°53 | 3°17 | T 16 |
| W17 | 7 46 1 | 26°43'13 | 13°42 | 5°51 | 27°54 | 25°13 | 15°48 | 9°21 | 13°44 | 25°47 | 15°38 | 18°47 | 19°42 | 23° 0 | 3°18 | W17 |
| T 18 | 7 49 58 | 27°44'20 | 26°18 | 6° 7 | 29° 8 | 25° 3 | 15°41 | 9°16 | 13°48 | 25°45 | 15°36 | 18°45 | 19°39 | 23° 6 | 3°18 | T 18 |
| F 19 | 7 53 54 | 28°45'26 | 9♊16 | 6°31 | 0♓22 | 24°54 | 15°34 | 9°11 | 13°51 | 25°44 | 15°35 | 18°42 | 19°36 | 23°13 | 3°18 | F 19 |
| S 20 | 7 57 51 | 29°46'32 | 22°39 | 7° 1 | 1°36 | 24°46 | 15°26 | 9° 6 | 13°55 | 25°42 | 15°34 | 18°40 | 19°33 | 23°20 | 3°19 | S 20 |
| S 21 | 8 1 47 | 0♒47'37 | 6♋26 | 7°36 | 2°50 | 24°39 | 15°19 | 9° 2 | 13°58 | 25°41 | 15°33 | 18°37 | 19°30 | 23°26 | 3°19 | S 21 |
| M22 | 8 5 44 | 1°48'42 | 20°36 | 8°17 | 4° 4 | 24°32 | 15°11 | 8°57 | 14° 2 | 25°39 | 15°32 | 18°35 | 19°26 | 23°33 | 3°20 | M22 |
| T 23 | 8 9 41 | 2°49'46 | 5♌ 4 | 9° 3 | 5°18 | 24°27 | 15° 3 | 8°52 | 14° 5 | 25°38 | 15°31 | 18°34 | 19°23 | 23°40 | 3°20 | T 23 |
| W24 | 8 13 37 | 3°50'50 | 19°45 | 9°53 | 6°31 | 24°22 | 14°56 | 8°47 | 14° 9 | 25°36 | 15°29 | 18°D33 | 19°20 | 23°46 | 3°21 | W24 |
| T 25 | 8 17 34 | 4°51'53 | 4♍31 | 10°47 | 7°45 | 24°18 | 14°48 | 8°42 | 14°12 | 25°35 | 15°28 | 18°34 | 19°17 | 23°53 | 3°22 | T 25 |
| F 26 | 8 21 30 | 5°52'56 | 19°16 | 11°44 | 8°59 | 24°15 | 14°40 | 8°37 | 14°15 | 25°33 | 15°27 | 18°34 | 19°14 | 24° 0 | 3°22 | F 26 |
| S 27 | 8 25 27 | 6°53'58 | 3♎53 | 12°45 | 10°12 | 24°12 | 14°32 | 8°32 | 14°19 | 25°32 | 15°26 | 18°36 | 19°11 | 24° 6 | 3°23 | S 27 |
| S 28 | 8 29 23 | 7°55'00 | 18°18 | 13°48 | 11°26 | 24°11 | 14°24 | 8°27 | 14°22 | 25°30 | 15°25 | 18°36 | 19° 7 | 24°13 | 3°24 | S 28 |
| M29 | 8 33 20 | 8°56'02 | 2♏27 | 14°54 | 12°39 | 24°10 | 14°16 | 8°22 | 14°26 | 25°28 | 15°24 | 18°37 | 19° 4 | 24°20 | 3°25 | M29 |
| T 30 | 8 37 16 | 9°57'03 | 16°18 | 16° 2 | 13°53 | 24°D10 | 14° 8 | 8°17 | 14°29 | 25°27 | 15°23 | 18°R37 | 19° 1 | 24°26 | 3°26 | T 30 |
| W31 | 8 41 13 | 10♒58'04 | 29♏53 | 17♑12 | 15♓ 6 | 24♊10 | 14♌ 0 | 8♌12 | 14♒33 | 25♌25 | 15♋21 | 18♒36 | 18♒58 | 24♓33 | 3♉27 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ☊ | ⚷ | | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | decl | lat |
| M 1 | 22s59 | 12s42 | 4s36 | 20s39 | 1n23 | 19s52 | 1s43 | 26n46 | 3n23 | 16n12 | 0n40 | 18n 1 | 0n29 | 17s31 | 0s38 | 13n 2 | 0n15 | 19n17 | 3s10 | 15s 0 | 14s36 | 1s 3 | 11n56 | 0s43 |
| T 2 | 22 54 | 18 6 | 5 2 | 20 29 | 1 43 | 19 32 | 1 44 | 26 47 | 3 24 | 16 14 | 0 40 | 18 3 | 0 29 | 17 30 | 0 38 | 13 2 | 0 15 | 19 17 | 3 10 | 15 1 | 14 37 | 1 0 | 11 56 | 0 43 |
| W 3 | 22 48 | 22 31 | 5 11 | 20 20 | 2 1 | 19 13 | 1 44 | 26 47 | 3 25 | 16 16 | 0 41 | 18 4 | 0 29 | 17 29 | 0 38 | 13 3 | 0 16 | 19 17 | 3 10 | 15 2 | 14 38 | 0 57 | 11 55 | 0 43 |
| T 4 | 22 42 | 25 38 | 5 2 | 20 12 | 2 18 | 18 52 | 1 44 | 26 48 | 3 25 | 16 18 | 0 41 | 18 5 | 0 29 | 17 29 | 0 38 | 13 3 | 0 16 | 19 18 | 3 10 | 15 4 | 14 39 | 0 53 | 11 55 | 0 43 |
| F 5 | 22 36 | 27 16 | 4 36 | 20 6 | 2 33 | 18 32 | 1 44 | 26 48 | 3 26 | 16 19 | 0 41 | 18 6 | 0 29 | 17 28 | 0 38 | 13 3 | 0 16 | 19 18 | 3 10 | 15 6 | 14 40 | 0 50 | 11 55 | 0 43 |
| S 6 | 22 29 | 27 20 | 3 56 | 20 1 | 2 46 | 18 10 | 1 45 | 26 49 | 3 26 | 16 21 | 0 41 | 18 8 | 0 29 | 17 27 | 0 38 | 13 4 | 0 16 | 19 18 | 3 10 | 15 8 | 14 41 | 0 47 | 11 55 | 0 43 |
| S 7 | 22 22 | 25 52 | 3 5 | 19 58 | 2 57 | 17 48 | 1 45 | 26 49 | 3 27 | 16 23 | 0 41 | 18 9 | 0 29 | 17 26 | 0 38 | 13 4 | 0 16 | 19 18 | 3 10 | 15 9 | 14 42 | 0 44 | 11 54 | 0 43 |
| M 8 | 22 14 | 23 6 | 2 5 | 19 55 | 3 5 | 17 26 | 1 45 | 26 49 | 3 27 | 16 25 | 0 42 | 18 10 | 0 30 | 17 25 | 0 38 | 13 5 | 0 16 | 19 18 | 3 10 | 15 11 | 14 43 | 0 40 | 11 54 | 0 43 |
| T 9 | 22 6 | 19 17 | 1 0 | 19 54 | 3 11 | 17 3 | 1 45 | 26 49 | 3 28 | 16 28 | 0 42 | 18 11 | 0 30 | 17 24 | 0 38 | 13 5 | 0 16 | 19 19 | 3 10 | 15 11 | 14 44 | 0 37 | 11 54 | 0 43 |
| W10 | 21 58 | 14 42 | 0n 7 | 19 55 | 3 14 | 16 40 | 1 44 | 26 49 | 3 28 | 16 30 | 0 42 | 18 13 | 0 30 | 17 23 | 0 38 | 13 5 | 0 16 | 19 19 | 3 10 | 15 11 | 14 45 | 0 34 | 11 54 | 0 44 |
| T 11 | 21 49 | 9 38 | 1 12 | 19 57 | 3 15 | 16 16 | 1 44 | 26 48 | 3 28 | 16 32 | 0 42 | 18 14 | 0 30 | 17 22 | 0 38 | 13 6 | 0 16 | 19 19 | 3 10 | 15 11 | 14 46 | 0 30 | 11 54 | 0 44 |
| F 12 | 21 39 | 4 17 | 2 14 | 20 0 | 3 14 | 15 52 | 1 44 | 26 48 | 3 28 | 16 34 | 0 42 | 18 15 | 0 30 | 17 21 | 0 38 | 13 6 | 0 16 | 19 19 | 3 10 | 15 11 | 14 47 | 0 27 | 11 54 | 0 44 |
| S 13 | 21 29 | 1n11 | 3 9 | 20 4 | 3 11 | 15 28 | 1 43 | 26 48 | 3 28 | 16 36 | 0 43 | 18 17 | 0 30 | 17 20 | 0 38 | 13 7 | 0 16 | 19 19 | 3 10 | 15 10 | 14 48 | 0 24 | 11 54 | 0 44 |
| S 14 | 21 19 | 6 35 | 3 57 | 20 9 | 3 6 | 15 3 | 1 43 | 26 47 | 3 28 | 16 38 | 0 43 | 18 18 | 0 30 | 17 19 | 0 38 | 13 7 | 0 16 | 19 20 | 3 10 | 15 10 | 14 49 | 0 20 | 11 54 | 0 44 |
| M15 | 21 8 | 11 48 | 4 35 | 20 15 | 3 1 | 14 37 | 1 42 | 26 47 | 3 28 | 16 41 | 0 43 | 18 19 | 0 31 | 17 18 | 0 38 | 13 8 | 0 16 | 19 20 | 3 10 | 15 9 | 14 50 | 0 17 | 11 54 | 0 44 |
| T 16 | 20 57 | 16 38 | 5 1 | 20 22 | 2 54 | 14 11 | 1 42 | 26 46 | 3 28 | 16 43 | 0 43 | 18 21 | 0 31 | 17 17 | 0 38 | 13 8 | 0 16 | 19 20 | 3 10 | 15 9 | 14 51 | 0 14 | 11 54 | 0 44 |
| W17 | 20 46 | 20 54 | 5 14 | 20 29 | 2 46 | 13 45 | 1 41 | 26 45 | 3 27 | 16 45 | 0 43 | 18 22 | 0 31 | 17 16 | 0 38 | 13 9 | 0 16 | 19 20 | 3 9 | 15 10 | 14 52 | 0 10 | 11 54 | 0 44 |
| T 18 | 20 34 | 24 21 | 5 13 | 20 37 | 2 38 | 13 19 | 1 40 | 26 45 | 3 27 | 16 47 | 0 43 | 18 24 | 0 31 | 17 15 | 0 38 | 13 9 | 0 16 | 19 20 | 3 9 | 15 10 | 14 53 | 0 7 | 11 54 | 0 44 |
| F 19 | 20 22 | 26 39 | 4 55 | 20 45 | 2 29 | 12 52 | 1 39 | 26 44 | 3 27 | 16 50 | 0 44 | 18 25 | 0 31 | 17 14 | 0 38 | 13 10 | 0 16 | 19 21 | 3 9 | 15 11 | 14 54 | 0 4 | 11 54 | 0 44 |
| S 20 | 20 9 | 27 32 | 4 22 | 20 52 | 2 20 | 12 25 | 1 38 | 26 43 | 3 26 | 16 52 | 0 44 | 18 26 | 0 31 | 17 13 | 0 38 | 13 10 | 0 16 | 19 21 | 3 9 | 15 12 | 14 55 | 0 1 | 11 54 | 0 44 |
| S 21 | 19 56 | 26 46 | 3 32 | 21 0 | 2 11 | 11 57 | 1 37 | 26 42 | 3 26 | 16 55 | 0 44 | 18 28 | 0 31 | 17 12 | 0 38 | 13 11 | 0 16 | 19 21 | 3 9 | 15 13 | 14 56 | 0n 3 | 11 54 | 0 44 |
| M22 | 19 43 | 24 16 | 2 29 | 21 7 | 2 1 | 11 29 | 1 36 | 26 42 | 3 25 | 16 57 | 0 44 | 18 29 | 0 31 | 17 11 | 0 38 | 13 11 | 0 16 | 19 21 | 3 9 | 15 13 | 14 57 | 0 6 | 11 54 | 0 44 |
| T 23 | 19 29 | 20 9 | 1 14 | 21 14 | 1 51 | 11 1 | 1 35 | 26 41 | 3 25 | 16 59 | 0 44 | 18 31 | 0 31 | 17 10 | 0 38 | 13 12 | 0 16 | 19 21 | 3 9 | 15 14 | 14 58 | 0 9 | 11 55 | 0 44 |
| W24 | 19 15 | 14 45 | 0s 7 | 21 20 | 1 41 | 10 33 | 1 34 | 26 40 | 3 24 | 17 2 | 0 44 | 18 32 | 0 32 | 17 9 | 0 38 | 13 12 | 0 16 | 19 22 | 3 9 | 15 14 | 14 59 | 0 13 | 11 55 | 0 44 |
| T 25 | 19 0 | 8 29 | 1 27 | 21 26 | 1 31 | 10 4 | 1 32 | 26 39 | 3 23 | 17 4 | 0 44 | 18 33 | 0 32 | 17 8 | 0 38 | 13 13 | 0 16 | 19 22 | 3 9 | 15 14 | 15 0 | 0 16 | 11 55 | 0 44 |
| F 26 | 18 46 | 1 45 | 2 42 | 21 31 | 1 21 | 9 35 | 1 31 | 26 38 | 3 23 | 17 7 | 0 45 | 18 35 | 0 32 | 17 7 | 0 38 | 13 13 | 0 16 | 19 22 | 3 9 | 15 14 | 15 1 | 0 19 | 11 55 | 0 44 |
| S 27 | 18 30 | 5s 0 | 3 46 | 21 36 | 1 11 | 9 6 | 1 29 | 26 37 | 3 22 | 17 9 | 0 45 | 18 36 | 0 32 | 17 6 | 0 38 | 13 14 | 0 16 | 19 22 | 3 9 | 15 13 | 15 2 | 0 23 | 11 55 | 0 44 |
| S 28 | 18 15 | 11 23 | 4 34 | 21 39 | 1 1 | 8 37 | 1 28 | 26 37 | 3 21 | 17 11 | 0 45 | 18 37 | 0 32 | 17 5 | 0 38 | 13 15 | 0 16 | 19 23 | 3 9 | 15 13 | 15 3 | 0 26 | 11 56 | 0 44 |
| M29 | 17 59 | 17 4 | 5 5 | 21 42 | 0 52 | 8 7 | 1 26 | 26 36 | 3 20 | 17 14 | 0 45 | 18 39 | 0 32 | 17 4 | 0 38 | 13 15 | 0 16 | 19 23 | 3 9 | 15 13 | 15 4 | 0 29 | 11 56 | 0 44 |
| T 30 | 17 43 | 21 44 | 5 17 | 21 44 | 0 42 | 7 37 | 1 24 | 26 35 | 3 20 | 17 16 | 0 45 | 18 40 | 0 32 | 17 3 | 0 38 | 13 16 | 0 16 | 19 23 | 3 8 | 15 13 | 15 5 | 0 32 | 11 56 | 0 44 |
| W31 | 17s26 | 25s 9 | 5s11 | 21s44 | 0n33 | 7s 7 | 1s22 | 26n34 | 3n19 | 17n19 | 0n45 | 18n42 | 0n32 | 17s 2 | 0s38 | 13n16 | 0n16 | 19n23 | 3s 8 | 15s13 | 15s 6 | 0n36 | 11n57 | 0s44 |

Julian Day Number = 2604216.5, Delta T = 09m30s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'03, Lahiri = 29°42'05


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## FEBRUARY 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 10 | 11♒59'05 | 13♐11 | 18♑24 | 16♓20 | 24♊12 | 13°R52 | 8°R 8 | 14♒36 | 25°R24 | 15°R20 | 18°R36 | 18♒55 | 24♓40 | 3♉28 | T 1 |
| F 2 | 8 49 6 | 13° 0'05 | 26°13 | 19°38 | 17°33 | 24°14 | 13♌44 | 8♌ 3 | 14°40 | 25♌22 | 15♋19 | 18♒35 | 18°52 | 24°46 | 3°29 | F 2 |
| S 3 | 8 53 3 | 14° 1'05 | 9♑ 1 | 20°54 | 18°46 | 24°17 | 13°36 | 7°58 | 14°43 | 25°20 | 15°18 | 18°34 | 18°48 | 24°53 | 3°31 | S 3 |
| S 4 | 8 56 59 | 15° 2'03 | 21°36 | 22°11 | 19°59 | 24°20 | 13°28 | 7°53 | 14°47 | 25°19 | 15°17 | 18°34 | 18°45 | 25° 0 | 3°32 | S 4 |
| M 5 | 9 0 56 | 16° 3'01 | 3♒59 | 23°29 | 21°12 | 24°25 | 13°20 | 7°48 | 14°51 | 25°17 | 15°16 | 18°34 | 18°42 | 25° 6 | 3°33 | M 5 |
| T 6 | 9 4 52 | 17° 3'59 | 16°12 | 24°49 | 22°25 | 24°30 | 13°12 | 7°43 | 14°54 | 25°15 | 15°15 | 18°D33 | 18°39 | 25°13 | 3°35 | T 6 |
| W 7 | 9 8 49 | 18° 4'55 | 28°15 | 26° 9 | 23°38 | 24°36 | 13° 4 | 7°38 | 14°58 | 25°14 | 15°14 | 18°R33 | 18°36 | 25°20 | 3°36 | W 7 |
| T 8 | 9 12 46 | 19° 5'50 | 10♓12 | 27°31 | 24°51 | 24°42 | 12°56 | 7°33 | 15° 1 | 25°12 | 15°13 | 18°33 | 18°32 | 25°26 | 3°38 | T 8 |
| F 9 | 9 16 42 | 20° 6'43 | 22° 3 | 28°55 | 26° 4 | 24°49 | 12°48 | 7°29 | 15° 5 | 25°10 | 15°12 | 18°33 | 18°29 | 25°33 | 3°39 | F 9 |
| S 10 | 9 20 39 | 21° 7'36 | 3♈52 | 0♒19 | 27°17 | 24°57 | 12°40 | 7°24 | 15° 8 | 25° 9 | 15°11 | 18°33 | 18°26 | 25°40 | 3°41 | S 10 |
| S 11 | 9 24 35 | 22° 8'27 | 15°41 | 1°44 | 28°30 | 25° 5 | 12°33 | 7°19 | 15°12 | 25° 7 | 15°10 | 18°33 | 18°23 | 25°46 | 3°42 | S 11 |
| M12 | 9 28 32 | 23° 9'18 | 27°35 | 3°10 | 29°42 | 25°14 | 12°25 | 7°15 | 15°15 | 25° 5 | 15° 9 | 18°32 | 18°20 | 25°53 | 3°44 | M12 |
| T 13 | 9 32 28 | 24°10'06 | 9♉36 | 4°37 | 0♈55 | 25°24 | 12°17 | 7°10 | 15°19 | 25° 4 | 15° 8 | 18°32 | 18°17 | 26° 0 | 3°46 | T 13 |
| W14 | 9 36 25 | 25°10'54 | 21°50 | 6° 5 | 2° 7 | 25°34 | 12° 9 | 7° 5 | 15°22 | 25° 2 | 15° 7 | 18°D31 | 18°13 | 26° 7 | 3°48 | W14 |
| T 15 | 9 40 21 | 26°11'40 | 4♊21 | 7°34 | 3°20 | 25°45 | 12° 2 | 7° 1 | 15°25 | 25° 0 | 15° 6 | 18°32 | 18°10 | 26°13 | 3°50 | T 15 |
| F 16 | 9 44 18 | 27°12'24 | 17°13 | 9° 4 | 4°32 | 25°56 | 11°54 | 6°56 | 15°29 | 24°59 | 15° 6 | 18°32 | 18° 7 | 26°20 | 3°52 | F 16 |
| S 17 | 9 48 14 | 28°13'07 | 0♋29 | 10°34 | 5°44 | 26° 8 | 11°47 | 6°52 | 15°32 | 24°57 | 15° 5 | 18°33 | 18° 4 | 26°27 | 3°54 | S 17 |
| S 18 | 9 52 11 | 29°13'48 | 14°13 | 12° 6 | 6°56 | 26°20 | 11°40 | 6°48 | 15°36 | 24°55 | 15° 4 | 18°34 | 18° 1 | 26°33 | 3°56 | S 18 |
| M19 | 9 56 8 | 0♓14'28 | 28°23 | 13°38 | 8° 9 | 26°33 | 11°32 | 6°43 | 15°39 | 24°54 | 15° 3 | 18°35 | 17°58 | 26°40 | 3°58 | M19 |
| T 20 | 10 0 4 | 1°15'06 | 12♌58 | 15°11 | 9°21 | 26°47 | 11°25 | 6°39 | 15°43 | 24°52 | 15° 2 | 18°R35 | 17°54 | 26°47 | 4° 0 | T 20 |
| W21 | 10 4 1 | 2°15'43 | 27°53 | 16°45 | 10°32 | 27° 1 | 11°18 | 6°35 | 15°46 | 24°50 | 15° 1 | 18°35 | 17°51 | 26°53 | 4° 2 | W21 |
| T 22 | 10 7 57 | 3°16'18 | 12♍59 | 18°20 | 11°44 | 27°16 | 11°11 | 6°31 | 15°49 | 24°49 | 15° 1 | 18°34 | 17°48 | 27° 0 | 4° 4 | T 22 |
| F 23 | 10 11 54 | 4°16'52 | 28° 8 | 19°56 | 12°56 | 27°31 | 11° 4 | 6°27 | 15°53 | 24°47 | 15° 0 | 18°33 | 17°45 | 27° 7 | 4° 7 | F 23 |
| S 24 | 10 15 50 | 5°17'24 | 13♎11 | 21°32 | 14° 7 | 27°46 | 10°57 | 6°23 | 15°56 | 24°45 | 14°59 | 18°31 | 17°42 | 27°13 | 4° 9 | S 24 |
| S 25 | 10 19 47 | 6°17'56 | 27°58 | 23°10 | 15°19 | 28° 2 | 10°51 | 6°19 | 16° 0 | 24°44 | 14°58 | 18°28 | 17°38 | 27°20 | 4°11 | S 25 |
| M26 | 10 23 43 | 7°18'26 | 12♏24 | 24°48 | 16°30 | 28°18 | 10°44 | 6°15 | 16° 3 | 24°42 | 14°58 | 18°26 | 17°35 | 27°27 | 4°14 | M26 |
| T 27 | 10 27 40 | 8°18'54 | 26°25 | 26°28 | 17°41 | 28°35 | 10°38 | 6°11 | 16° 6 | 24°40 | 14°57 | 18°25 | 17°32 | 27°33 | 4°16 | T 27 |
| W28 | 10 31 37 | 9♓19'22 | 10♐ 2 | 28♒ 8 | 18♈53 | 28♊53 | 10♌32 | 6♌ 7 | 16♒10 | 24♌39 | 14♋56 | 18°D24 | 17♒29 | 27♓40 | 4♉19 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 17s10 | 27s 6 | 4s49 | 21s44 | 0n24 | 6s37 | 1s20 | 26n33 | 3n18 | 17n21 | 0n45 | 18n43 | 0n32 | 17s 1 | 0s38 | 13n17 | 0n16 | 19n23 | 3s 8 | 15s13 | 15s 7 | 0n39 | 11n57 | 0s44 | T 1 |
| F 2 | 16 53 | 27 31 | 4 12 | 21 43 | 0 15 | 6 7 | 1 18 | 26 33 | 3 17 | 17 24 | 0 46 | 18 44 | 0 33 | 17 0 | 0 38 | 13 17 | 0 16 | 19 24 | 3 8 | 15 13 | 15 8 | 0 42 | 11 57 | 0 44 | F 2 |
| S 3 | 16 35 | 26 27 | 3 22 | 21 40 | 0 6 | 5 36 | 1 16 | 26 32 | 3 16 | 17 26 | 0 46 | 18 46 | 0 33 | 16 59 | 0 38 | 13 18 | 0 16 | 19 24 | 3 8 | 15 14 | 15 9 | 0 46 | 11 58 | 0 44 | S 3 |
| S 4 | 16 17 | 24 2 | 2 24 | 21 37 | 0s 3 | 5 6 | 1 14 | 26 31 | 3 15 | 17 28 | 0 46 | 18 47 | 0 33 | 16 58 | 0 38 | 13 18 | 0 16 | 19 24 | 3 8 | 15 14 | 15 10 | 0 49 | 11 58 | 0 45 | S 4 |
| M 5 | 15 59 | 20 31 | 1 20 | 21 32 | 0 11 | 4 35 | 1 12 | 26 30 | 3 14 | 17 31 | 0 46 | 18 48 | 0 33 | 16 57 | 0 38 | 13 19 | 0 16 | 19 24 | 3 8 | 15 14 | 15 11 | 0 52 | 11 58 | 0 45 | M 5 |
| T 6 | 15 41 | 16 9 | 0 13 | 21 26 | 0 19 | 4 4 | 1 9 | 26 29 | 3 13 | 17 33 | 0 46 | 18 50 | 0 33 | 16 56 | 0 38 | 13 20 | 0 16 | 19 24 | 3 8 | 15 14 | 15 12 | 0 55 | 11 59 | 0 45 | T 6 |
| W 7 | 15 23 | 11 13 | 0n54 | 21 19 | 0 27 | 3 33 | 1 7 | 26 29 | 3 12 | 17 36 | 0 46 | 18 51 | 0 33 | 16 55 | 0 38 | 13 20 | 0 16 | 19 25 | 3 8 | 15 14 | 15 13 | 0 59 | 11 59 | 0 45 | W 7 |
| T 8 | 15 4 | 5 55 | 1 57 | 21 11 | 0 35 | 3 2 | 1 5 | 26 28 | 3 11 | 17 38 | 0 46 | 18 52 | 0 33 | 16 54 | 0 38 | 13 21 | 0 16 | 19 25 | 3 8 | 15 14 | 15 14 | 1 2 | 12 0 | 0 45 | T 8 |
| F 9 | 14 45 | 0 27 | 2 56 | 21 1 | 0 42 | 2 31 | 1 2 | 26 27 | 3 10 | 17 40 | 0 46 | 18 54 | 0 33 | 16 53 | 0 38 | 13 21 | 0 16 | 19 25 | 3 7 | 15 14 | 15 15 | 1 5 | 12 0 | 0 45 | F 9 |
| S 10 | 14 26 | 5n 0 | 3 46 | 20 50 | 0 49 | 1 59 | 0 59 | 26 27 | 3 9 | 17 43 | 0 46 | 18 55 | 0 33 | 16 52 | 0 38 | 13 22 | 0 16 | 19 25 | 3 7 | 15 14 | 15 16 | 1 9 | 12 1 | 0 45 | S 10 |
| S 11 | 14 6 | 10 16 | 4 27 | 20 39 | 0 56 | 1 28 | 0 57 | 26 26 | 3 8 | 17 45 | 0 46 | 18 56 | 0 33 | 16 51 | 0 38 | 13 22 | 0 16 | 19 25 | 3 7 | 15 14 | 15 17 | 1 12 | 12 1 | 0 45 | S 11 |
| M12 | 13 46 | 15 12 | 4 57 | 20 25 | 1 3 | 0 57 | 0 54 | 26 25 | 3 7 | 17 47 | 0 47 | 18 58 | 0 33 | 16 50 | 0 38 | 13 23 | 0 16 | 19 26 | 3 7 | 15 14 | 15 18 | 1 15 | 12 2 | 0 45 | M12 |
| T 13 | 13 26 | 19 36 | 5 14 | 20 11 | 1 9 | 0 25 | 0 51 | 26 24 | 3 6 | 17 49 | 0 47 | 18 59 | 0 34 | 16 49 | 0 38 | 13 24 | 0 16 | 19 26 | 3 7 | 15 14 | 15 19 | 1 18 | 12 2 | 0 45 | T 13 |
| W14 | 13 6 | 23 17 | 5 17 | 19 55 | 1 15 | 0n 6 | 0 48 | 26 24 | 3 5 | 17 52 | 0 47 | 19 0 | 0 34 | 16 48 | 0 38 | 13 24 | 0 16 | 19 26 | 3 7 | 15 15 | 15 20 | 1 22 | 12 3 | 0 45 | W14 |
| T 15 | 12 46 | 25 58 | 5 5 | 19 39 | 1 21 | 0 38 | 0 45 | 26 23 | 3 4 | 17 54 | 0 47 | 19 1 | 0 34 | 16 47 | 0 38 | 13 25 | 0 16 | 19 26 | 3 7 | 15 14 | 15 21 | 1 25 | 12 4 | 0 45 | T 15 |
| F 16 | 12 25 | 27 24 | 4 39 | 19 20 | 1 26 | 1 9 | 0 42 | 26 22 | 3 3 | 17 56 | 0 47 | 19 3 | 0 34 | 16 46 | 0 38 | 13 25 | 0 16 | 19 27 | 3 7 | 15 14 | 15 22 | 1 28 | 12 4 | 0 45 | F 16 |
| S 17 | 12 4 | 27 20 | 3 56 | 19 1 | 1 32 | 1 40 | 0 39 | 26 22 | 3 2 | 17 58 | 0 47 | 19 4 | 0 34 | 16 45 | 0 38 | 13 26 | 0 16 | 19 27 | 3 7 | 15 14 | 15 23 | 1 32 | 12 5 | 0 45 | S 17 |
| S 18 | 11 43 | 25 36 | 2 59 | 18 40 | 1 36 | 2 12 | 0 36 | 26 21 | 3 1 | 18 0 | 0 47 | 19 5 | 0 34 | 16 44 | 0 38 | 13 26 | 0 16 | 19 27 | 3 7 | 15 14 | 15 24 | 1 35 | 12 6 | 0 45 | S 18 |
| M19 | 11 22 | 22 14 | 1 50 | 18 19 | 1 41 | 2 43 | 0 33 | 26 20 | 3 0 | 18 2 | 0 47 | 19 6 | 0 34 | 16 43 | 0 38 | 13 27 | 0 16 | 19 27 | 3 6 | 15 14 | 15 25 | 1 38 | 12 6 | 0 45 | M19 |
| T 20 | 11 0 | 17 23 | 0 31 | 17 55 | 1 45 | 3 14 | 0 30 | 26 19 | 2 59 | 18 4 | 0 47 | 19 7 | 0 34 | 16 42 | 0 38 | 13 28 | 0 16 | 19 27 | 3 6 | 15 13 | 15 26 | 1 41 | 12 7 | 0 45 | T 20 |
| W21 | 10 39 | 11 23 | 0s51 | 17 31 | 1 49 | 3 46 | 0 26 | 26 19 | 2 58 | 18 6 | 0 47 | 19 8 | 0 34 | 16 41 | 0 38 | 13 28 | 0 16 | 19 28 | 3 6 | 15 13 | 15 27 | 1 45 | 12 8 | 0 45 | W21 |
| T 22 | 10 17 | 4 39 | 2 11 | 17 5 | 1 53 | 4 17 | 0 23 | 26 18 | 2 56 | 18 8 | 0 47 | 19 9 | 0 34 | 16 40 | 0 38 | 13 29 | 0 16 | 19 28 | 3 6 | 15 14 | 15 28 | 1 48 | 12 8 | 0 45 | T 22 |
| F 23 | 9 55 | 2s21 | 3 22 | 16 38 | 1 56 | 4 48 | 0 19 | 26 17 | 2 55 | 18 10 | 0 47 | 19 11 | 0 34 | 16 39 | 0 38 | 13 29 | 0 16 | 19 28 | 3 6 | 15 14 | 15 29 | 1 51 | 12 9 | 0 45 | F 23 |
| S 24 | 9 33 | 9 9 | 4 18 | 16 10 | 1 59 | 5 19 | 0 16 | 26 16 | 2 54 | 18 12 | 0 47 | 19 12 | 0 34 | 16 38 | 0 38 | 13 30 | 0 16 | 19 28 | 3 6 | 15 15 | 15 30 | 1 55 | 12 10 | 0 45 | S 24 |
| S 25 | 9 11 | 15 20 | 4 56 | 15 41 | 2 1 | 5 50 | 0 12 | 26 16 | 2 53 | 18 14 | 0 47 | 19 13 | 0 34 | 16 37 | 0 38 | 13 30 | 0 16 | 19 28 | 3 6 | 15 15 | 15 31 | 1 58 | 12 11 | 0 45 | S 25 |
| M26 | 8 49 | 20 30 | 5 14 | 15 10 | 2 4 | 6 20 | 0 9 | 26 15 | 2 52 | 18 16 | 0 47 | 19 14 | 0 35 | 16 36 | 0 38 | 13 31 | 0 16 | 19 28 | 3 6 | 15 16 | 15 32 | 2 1 | 12 11 | 0 45 | M26 |
| T 27 | 8 26 | 24 23 | 5 13 | 14 38 | 2 5 | 6 51 | 0 5 | 26 14 | 2 51 | 18 18 | 0 47 | 19 15 | 0 35 | 16 35 | 0 38 | 13 31 | 0 16 | 19 29 | 3 6 | 15 17 | 15 33 | 2 4 | 12 12 | 0 45 | T 27 |
| W28 | 8s 3 | 26s45 | 4s54 | 14s 5 | 2s 7 | 7n21 | 0s 2 | 26n13 | 2n50 | 18n19 | 0n47 | 19n16 | 0n35 | 16s34 | 0s38 | 13n32 | 0n16 | 19n29 | 3s 5 | 15s17 | 15s34 | 2n 8 | 12n13 | 0s46 | W28 |

Julian Day Number = 2604247.5, Delta T = 09m31s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'08, Lahiri = 29°42'09


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## MARCH 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 33 | 10♓19'48 | 23♐14 | 29♒49 | 20♈ 4 | 29♊10 | 10°R25 | 6°R 4 | 16♒13 | 24°R37 | 14°R56 | 18♒25 | 17♒26 | 27♓47 | 4♉21 | T 1 |
| F 2 | 10 39 30 | 11°20'13 | 6♑ 6 | 1♓32 | 21°15 | 29°28 | 10♌19 | 6♌ 0 | 16°16 | 24♌35 | 14♋55 | 18°26 | 17°23 | 27°53 | 4°24 | F 2 |
| S 3 | 10 43 26 | 12°20'37 | 18°39 | 3°15 | 22°26 | 29°47 | 10°14 | 5°57 | 16°19 | 24°34 | 14°55 | 18°28 | 17°19 | 28° 0 | 4°26 | S 3 |
| S 4 | 10 47 23 | 13°20'59 | 0♒59 | 4°59 | 23°36 | 0♋ 6 | 10° 8 | 5°53 | 16°23 | 24°32 | 14°54 | 18°30 | 17°16 | 28° 7 | 4°29 | S 4 |
| M 5 | 10 51 19 | 14°21'20 | 13° 7 | 6°44 | 24°47 | 0°25 | 10° 2 | 5°50 | 16°26 | 24°31 | 14°53 | 18°R31 | 17°13 | 28°13 | 4°32 | M 5 |
| T 6 | 10 55 16 | 15°21'39 | 25° 7 | 8°30 | 25°57 | 0°45 | 9°57 | 5°47 | 16°29 | 24°29 | 14°53 | 18°30 | 17°10 | 28°20 | 4°35 | T 6 |
| W 7 | 10 59 12 | 16°21'56 | 7♓ 1 | 10°17 | 27° 8 | 1° 5 | 9°52 | 5°44 | 16°32 | 24°28 | 14°52 | 18°29 | 17° 7 | 28°27 | 4°37 | W 7 |
| T 8 | 11 3 9 | 17°22'12 | 18°52 | 12° 6 | 28°18 | 1°25 | 9°47 | 5°40 | 16°35 | 24°26 | 14°52 | 18°26 | 17° 3 | 28°33 | 4°40 | T 8 |
| F 9 | 11 7 6 | 18°22'26 | 0♈41 | 13°55 | 29°28 | 1°46 | 9°42 | 5°37 | 16°38 | 24°25 | 14°51 | 18°22 | 17° 0 | 28°40 | 4°43 | F 9 |
| S 10 | 11 11 2 | 19°22'38 | 12°31 | 15°45 | 0♉38 | 2° 7 | 9°37 | 5°35 | 16°41 | 24°23 | 14°51 | 18°16 | 16°57 | 28°47 | 4°46 | S 10 |
| S 11 | 11 14 59 | 20°22'48 | 24°23 | 17°36 | 1°48 | 2°29 | 9°32 | 5°32 | 16°45 | 24°22 | 14°51 | 18°10 | 16°54 | 28°53 | 4°49 | S 11 |
| M12 | 11 18 55 | 21°22'57 | 6♉20 | 19°29 | 2°58 | 2°50 | 9°28 | 5°29 | 16°48 | 24°20 | 14°50 | 18° 4 | 16°51 | 29° 0 | 4°52 | M12 |
| T 13 | 11 22 52 | 22°23'03 | 18°24 | 21°22 | 4° 7 | 3°12 | 9°24 | 5°27 | 16°51 | 24°19 | 14°50 | 17°59 | 16°48 | 29° 7 | 4°55 | T 13 |
| W14 | 11 26 48 | 23°23'07 | 0♊38 | 23°16 | 5°17 | 3°35 | 9°20 | 5°24 | 16°54 | 24°17 | 14°49 | 17°55 | 16°44 | 29°13 | 4°58 | W14 |
| T 15 | 11 30 45 | 24°23'10 | 13° 6 | 25°11 | 6°26 | 3°58 | 9°16 | 5°22 | 16°57 | 24°16 | 14°49 | 17°53 | 16°41 | 29°20 | 5° 1 | T 15 |
| F 16 | 11 34 41 | 25°23'10 | 25°52 | 27° 7 | 7°35 | 4°21 | 9°12 | 5°19 | 17° 0 | 24°14 | 14°49 | 17°D52 | 16°38 | 29°27 | 5° 4 | F 16 |
| S 17 | 11 38 38 | 26°23'08 | 9♋ 0 | 29° 4 | 8°44 | 4°44 | 9° 9 | 5°17 | 17° 2 | 24°13 | 14°48 | 17°53 | 16°35 | 29°34 | 5° 8 | S 17 |
| S 18 | 11 42 35 | 27°23'04 | 22°33 | 1♈ 1 | 9°53 | 5° 7 | 9° 5 | 5°15 | 17° 5 | 24°12 | 14°48 | 17°54 | 16°32 | 29°40 | 5°11 | S 18 |
| M19 | 11 46 31 | 28°22'57 | 6♌32 | 2°59 | 11° 1 | 5°31 | 9° 2 | 5°13 | 17° 8 | 24°10 | 14°48 | 17°55 | 16°29 | 29°47 | 5°14 | M19 |
| T 20 | 11 50 28 | 29°22'49 | 20°59 | 4°58 | 12°10 | 5°55 | 8°59 | 5°11 | 17°11 | 24° 9 | 14°48 | 17°R56 | 16°25 | 29°54 | 5°17 | T 20 |
| W21 | 11 54 24 | 0♈22'38 | 5♍49 | 6°56 | 13°18 | 6°20 | 8°56 | 5° 9 | 17°14 | 24° 8 | 14°48 | 17°54 | 16°22 | 0♈ 0 | 5°21 | W21 |
| T 22 | 11 58 21 | 1°22'25 | 20°58 | 8°55 | 14°26 | 6°44 | 8°54 | 5° 8 | 17°17 | 24° 6 | 14°47 | 17°51 | 16°19 | 0° 7 | 5°24 | T 22 |
| F 23 | 12 2 17 | 2°22'10 | 6♎16 | 10°53 | 15°34 | 7° 9 | 8°51 | 5° 6 | 17°19 | 24° 5 | 14°47 | 17°46 | 16°16 | 0°14 | 5°27 | F 23 |
| S 24 | 12 6 14 | 3°21'53 | 21°32 | 12°51 | 16°42 | 7°34 | 8°49 | 5° 5 | 17°22 | 24° 4 | 14°47 | 17°39 | 16°13 | 0°20 | 5°31 | S 24 |
| S 25 | 12 10 10 | 4°21'35 | 6♏36 | 14°48 | 17°49 | 8° 0 | 8°47 | 5° 3 | 17°25 | 24° 3 | 14°47 | 17°32 | 16° 9 | 0°27 | 5°34 | S 25 |
| M26 | 12 14 7 | 5°21'14 | 21°19 | 16°44 | 18°57 | 8°25 | 8°45 | 5° 2 | 17°27 | 24° 2 | 14°47 | 17°25 | 16° 6 | 0°34 | 5°37 | M26 |
| T 27 | 12 18 4 | 6°20'52 | 5♐34 | 18°39 | 20° 4 | 8°51 | 8°43 | 5° 1 | 17°30 | 24° 0 | 14°47 | 17°20 | 16° 3 | 0°40 | 5°41 | T 27 |
| W28 | 12 22 0 | 7°20'28 | 19°20 | 20°31 | 21°11 | 9°17 | 8°42 | 5° 0 | 17°32 | 23°59 | 14°47 | 17°16 | 16° 0 | 0°47 | 5°44 | W28 |
| T 29 | 12 25 57 | 8°20'03 | 2♑38 | 22°22 | 22°17 | 9°43 | 8°41 | 4°59 | 17°35 | 23°58 | 14°D47 | 17°14 | 15°57 | 0°54 | 5°48 | T 29 |
| F 30 | 12 29 53 | 9°19'36 | 15°29 | 24° 9 | 23°24 | 10°10 | 8°40 | 4°58 | 17°37 | 23°57 | 14°47 | 17°D14 | 15°54 | 1° 0 | 5°51 | F 30 |
| S 31 | 12 33 50 | 10♈19'07 | 27♑59 | 25♈54 | 24♉30 | 10♋37 | 8♌39 | 4♌58 | 17♒40 | 23♌56 | 14♋47 | 17♒15 | 15♒50 | 1♈ 7 | 5♉55 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s41 | 27s32 | 4s19 | 13s30 | 2s 8 | 7n52 | 0n 2 | 26n12 | 2n49 | 18n21 | 0n47 | 19n17 | 0n35 | 16s33 | 0s38 | 13n33 | 0n16 | 19n29 | 3s 5 | 15s16 | 15s35 | 2n11 | 12n14 | 0s46 |
| F 2 | 7 18 | 26 48 | 3 33 | 12 55 | 2 8 | 8 22 | 0 6 | 26 11 | 2 48 | 18 23 | 0 47 | 19 18 | 0 35 | 16 32 | 0 38 | 13 33 | 0 16 | 19 29 | 3 5 | 15 16 | 15 36 | 2 14 | 12 15 | 0 46 |
| S 3 | 6 55 | 24 41 | 2 37 | 12 18 | 2 9 | 8 52 | 0 10 | 26 10 | 2 47 | 18 24 | 0 47 | 19 18 | 0 35 | 16 31 | 0 38 | 13 34 | 0 16 | 19 29 | 3 5 | 15 16 | 15 37 | 2 17 | 12 15 | 0 46 |
| S 4 | 6 32 | 21 27 | 1 35 | 11 39 | 2 8 | 9 21 | 0 14 | 26 9 | 2 46 | 18 26 | 0 48 | 19 19 | 0 35 | 16 30 | 0 38 | 13 34 | 0 16 | 19 30 | 3 5 | 15 15 | 15 38 | 2 21 | 12 16 | 0 46 |
| M 5 | 6 9 | 17 19 | 0 30 | 11 0 | 2 8 | 9 51 | 0 18 | 26 8 | 2 45 | 18 27 | 0 48 | 19 20 | 0 35 | 16 29 | 0 38 | 13 35 | 0 16 | 19 30 | 3 5 | 15 15 | 15 38 | 2 24 | 12 17 | 0 46 |
| T 6 | 5 45 | 12 33 | 0n36 | 10 19 | 2 7 | 10 20 | 0 21 | 26 7 | 2 44 | 18 29 | 0 48 | 19 21 | 0 35 | 16 28 | 0 38 | 13 35 | 0 16 | 19 30 | 3 5 | 15 15 | 15 39 | 2 27 | 12 18 | 0 46 |
| W 7 | 5 22 | 7 22 | 1 40 | 9 37 | 2 5 | 10 49 | 0 25 | 26 6 | 2 43 | 18 30 | 0 48 | 19 22 | 0 35 | 16 27 | 0 38 | 13 36 | 0 16 | 19 30 | 3 5 | 15 15 | 15 40 | 2 30 | 12 19 | 0 46 |
| T 8 | 4 59 | 1 57 | 2 39 | 8 54 | 2 3 | 11 18 | 0 29 | 26 4 | 2 42 | 18 32 | 0 48 | 19 23 | 0 35 | 16 26 | 0 38 | 13 36 | 0 16 | 19 30 | 3 4 | 15 16 | 15 41 | 2 34 | 12 20 | 0 46 |
| F 9 | 4 35 | 3n30 | 3 31 | 8 10 | 2 0 | 11 47 | 0 33 | 26 3 | 2 41 | 18 33 | 0 48 | 19 24 | 0 35 | 16 25 | 0 38 | 13 37 | 0 16 | 19 30 | 3 4 | 15 18 | 15 42 | 2 37 | 12 21 | 0 46 |
| S 10 | 4 12 | 8 49 | 4 13 | 7 24 | 1 57 | 12 15 | 0 37 | 26 2 | 2 40 | 18 34 | 0 48 | 19 24 | 0 35 | 16 25 | 0 38 | 13 37 | 0 16 | 19 31 | 3 4 | 15 19 | 15 43 | 2 40 | 12 22 | 0 46 |
| S 11 | 3 48 | 13 51 | 4 45 | 6 38 | 1 54 | 12 43 | 0 42 | 26 0 | 2 39 | 18 35 | 0 48 | 19 25 | 0 35 | 16 24 | 0 38 | 13 38 | 0 16 | 19 31 | 3 4 | 15 21 | 15 44 | 2 43 | 12 23 | 0 46 |
| M12 | 3 25 | 18 24 | 5 5 | 5 50 | 1 50 | 13 11 | 0 46 | 25 59 | 2 38 | 18 37 | 0 48 | 19 26 | 0 35 | 16 23 | 0 38 | 13 38 | 0 16 | 19 31 | 3 4 | 15 23 | 15 45 | 2 47 | 12 24 | 0 46 |
| T 13 | 3 1 | 22 15 | 5 11 | 5 1 | 1 45 | 13 39 | 0 50 | 25 57 | 2 37 | 18 38 | 0 48 | 19 26 | 0 35 | 16 22 | 0 38 | 13 39 | 0 16 | 19 31 | 3 4 | 15 25 | 15 46 | 2 50 | 12 24 | 0 46 |
| W14 | 2 37 | 25 11 | 5 4 | 4 12 | 1 40 | 14 6 | 0 54 | 25 56 | 2 36 | 18 39 | 0 48 | 19 27 | 0 35 | 16 21 | 0 38 | 13 39 | 0 16 | 19 31 | 3 4 | 15 26 | 15 47 | 2 53 | 12 25 | 0 46 |
| T 15 | 2 14 | 26 59 | 4 42 | 3 21 | 1 34 | 14 33 | 0 58 | 25 54 | 2 35 | 18 40 | 0 48 | 19 28 | 0 35 | 16 20 | 0 38 | 13 40 | 0 16 | 19 31 | 3 4 | 15 26 | 15 48 | 2 56 | 12 26 | 0 46 |
| F 16 | 1 50 | 27 25 | 4 6 | 2 29 | 1 28 | 14 59 | 1 2 | 25 52 | 2 34 | 18 41 | 0 48 | 19 28 | 0 36 | 16 19 | 0 39 | 13 40 | 0 16 | 19 32 | 3 3 | 15 27 | 15 49 | 3 0 | 12 27 | 0 46 |
| S 17 | 1 26 | 26 20 | 3 16 | 1 37 | 1 21 | 15 26 | 1 6 | 25 51 | 2 33 | 18 42 | 0 48 | 19 29 | 0 36 | 16 18 | 0 39 | 13 41 | 0 16 | 19 32 | 3 3 | 15 26 | 15 50 | 3 3 | 12 28 | 0 46 |
| S 18 | 1 2 | 23 42 | 2 14 | 0 43 | 1 14 | 15 52 | 1 10 | 25 49 | 2 32 | 18 43 | 0 48 | 19 29 | 0 36 | 16 18 | 0 39 | 13 41 | 0 16 | 19 32 | 3 3 | 15 26 | 15 51 | 3 6 | 12 29 | 0 46 |
| M19 | 0 39 | 19 35 | 1 2 | 0n11 | 1 6 | 16 17 | 1 15 | 25 47 | 2 31 | 18 43 | 0 47 | 19 30 | 0 36 | 16 17 | 0 39 | 13 42 | 0 16 | 19 32 | 3 3 | 15 26 | 15 52 | 3 9 | 12 30 | 0 46 |
| T 20 | 0 15 | 14 13 | 0s17 | 1 5 | 0 57 | 16 42 | 1 19 | 25 45 | 2 30 | 18 44 | 0 47 | 19 30 | 0 36 | 16 16 | 0 39 | 13 42 | 0 16 | 19 32 | 3 3 | 15 25 | 15 53 | 3 13 | 12 32 | 0 46 |
| W21 | 0n 9 | 7 53 | 1 36 | 2 1 | 0 48 | 17 7 | 1 23 | 25 43 | 2 29 | 18 45 | 0 47 | 19 31 | 0 36 | 16 15 | 0 39 | 13 42 | 0 16 | 19 32 | 3 3 | 15 26 | 15 54 | 3 16 | 12 33 | 0 47 |
| T 22 | 0 33 | 0 59 | 2 49 | 2 56 | 0 39 | 17 31 | 1 27 | 25 40 | 2 28 | 18 45 | 0 47 | 19 31 | 0 36 | 16 14 | 0 39 | 13 43 | 0 16 | 19 33 | 3 3 | 15 27 | 15 55 | 3 19 | 12 34 | 0 47 |
| F 23 | 0 56 | 6s 1 | 3 51 | 3 52 | 0 29 | 17 55 | 1 31 | 25 38 | 2 27 | 18 46 | 0 47 | 19 32 | 0 36 | 16 13 | 0 39 | 13 43 | 0 16 | 19 33 | 3 3 | 15 28 | 15 56 | 3 22 | 12 35 | 0 47 |
| S 24 | 1 20 | 12 39 | 4 37 | 4 47 | 0 18 | 18 19 | 1 36 | 25 36 | 2 26 | 18 47 | 0 47 | 19 32 | 0 36 | 16 13 | 0 39 | 13 44 | 0 16 | 19 33 | 3 2 | 15 30 | 15 57 | 3 26 | 12 36 | 0 47 |
| S 25 | 1 44 | 18 27 | 5 3 | 5 43 | 0 7 | 18 42 | 1 40 | 25 33 | 2 25 | 18 47 | 0 47 | 19 33 | 0 36 | 16 12 | 0 39 | 13 44 | 0 16 | 19 33 | 3 2 | 15 33 | 15 58 | 3 29 | 12 37 | 0 47 |
| M26 | 2 7 | 22 59 | 5 7 | 6 38 | 0n 4 | 19 5 | 1 44 | 25 31 | 2 24 | 18 48 | 0 47 | 19 33 | 0 36 | 16 11 | 0 39 | 13 45 | 0 16 | 19 33 | 3 2 | 15 35 | 15 58 | 3 32 | 12 38 | 0 47 |
| T 27 | 2 31 | 25 59 | 4 53 | 7 32 | 0 16 | 19 27 | 1 48 | 25 28 | 2 23 | 18 48 | 0 47 | 19 33 | 0 36 | 16 10 | 0 39 | 13 45 | 0 16 | 19 33 | 3 2 | 15 36 | 15 59 | 3 35 | 12 39 | 0 47 |
| W28 | 2 54 | 27 18 | 4 21 | 8 26 | 0 28 | 19 49 | 1 52 | 25 25 | 2 22 | 18 48 | 0 47 | 19 33 | 0 36 | 16 10 | 0 39 | 13 45 | 0 16 | 19 33 | 3 2 | 15 38 | 16 0 | 3 39 | 12 40 | 0 47 |
| T 29 | 3 18 | 26 59 | 3 37 | 9 18 | 0 40 | 20 10 | 1 56 | 25 22 | 2 21 | 18 49 | 0 47 | 19 34 | 0 36 | 16 9 | 0 39 | 13 46 | 0 16 | 19 33 | 3 2 | 15 38 | 16 1 | 3 42 | 12 41 | 0 47 |
| F 30 | 3 41 | 25 11 | 2 43 | 10 9 | 0 52 | 20 31 | 2 0 | 25 20 | 2 20 | 18 49 | 0 47 | 19 34 | 0 36 | 16 8 | 0 39 | 13 46 | 0 16 | 19 34 | 3 2 | 15 38 | 16 2 | 3 45 | 12 42 | 0 47 |
| S 31 | 4n 5 | 22s11 | 1s42 | 10n59 | 1n 4 | 20n52 | 2n 4 | 25n17 | 2n19 | 18n49 | 0n47 | 19n34 | 0n36 | 16s 7 | 0s39 | 13n46 | 0n16 | 19n34 | 3s 2 | 15s38 | 16s 3 | 3n48 | 12n43 | 0s47 |

Julian Day Number = 2604275.5, Delta T = 09m31s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'11, Lahiri = 29°42'13


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## APRIL 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 37 46 | 11♈18'36 | 10♒11 | 27♈35 | 25♉36 | 11♋ 3 | 8°R38 | 4°R57 | 17♒42 | 23°R55 | 14♋47 | 17♒16 | 15♒47 | 1♈14 | 5♉59 | S 1 |
| M 2 | 12 41 43 | 12°18'04 | 22°12 | 29°11 | 26°42 | 11°30 | 8♎38 | 4♎56 | 17°45 | 23♎54 | 14°47 | 17°R16 | 15°44 | 1°20 | 6° 2 | M 2 |
| T 3 | 12 45 39 | 13°17'29 | 4♓ 5 | 0♉43 | 27°48 | 11°58 | 8°37 | 4°56 | 17°47 | 23°53 | 14°47 | 17°15 | 15°41 | 1°27 | 6° 6 | T 3 |
| W 4 | 12 49 36 | 14°16'53 | 15°54 | 2°11 | 28°53 | 12°25 | 8°D37 | 4°56 | 17°49 | 23°52 | 14°47 | 17°11 | 15°38 | 1°34 | 6° 9 | W 4 |
| T 5 | 12 53 33 | 15°16'15 | 27°42 | 3°33 | 29°58 | 12°53 | 8°37 | 4°56 | 17°52 | 23°51 | 14°47 | 17° 4 | 15°35 | 1°40 | 6°13 | T 5 |
| F 6 | 12 57 29 | 16°15'35 | 9♈32 | 4°50 | 1♊ 3 | 13°21 | 8°37 | 4°D56 | 17°54 | 23°50 | 14°48 | 16°55 | 15°31 | 1°47 | 6°17 | F 6 |
| S 7 | 13 1 26 | 17°14'52 | 21°25 | 6° 0 | 2° 8 | 13°49 | 8°38 | 4°56 | 17°56 | 23°49 | 14°48 | 16°44 | 15°28 | 1°54 | 6°20 | S 7 |
| S 8 | 13 5 22 | 18°14'08 | 3♉23 | 7° 5 | 3°12 | 14°17 | 8°39 | 4°56 | 17°58 | 23°48 | 14°48 | 16°32 | 15°25 | 2° 1 | 6°24 | S 8 |
| M 9 | 13 9 19 | 19°13'22 | 15°28 | 8° 3 | 4°16 | 14°45 | 8°39 | 4°56 | 18° 0 | 23°48 | 14°48 | 16°20 | 15°22 | 2° 7 | 6°28 | M 9 |
| T 10 | 13 13 15 | 20°12'34 | 27°40 | 8°55 | 5°20 | 15°14 | 8°40 | 4°57 | 18° 2 | 23°47 | 14°49 | 16° 9 | 15°19 | 2°14 | 6°32 | T 10 |
| W11 | 13 17 12 | 21°11'43 | 10♊ 2 | 9°40 | 6°24 | 15°42 | 8°42 | 4°57 | 18° 4 | 23°46 | 14°49 | 16° 1 | 15°15 | 2°21 | 6°35 | W11 |
| T 12 | 13 21 8 | 22°10'51 | 22°35 | 10°19 | 7°27 | 16°11 | 8°43 | 4°58 | 18° 6 | 23°45 | 14°49 | 15°54 | 15°12 | 2°27 | 6°39 | T 12 |
| F 13 | 13 25 5 | 23° 9'56 | 5♋22 | 10°50 | 8°30 | 16°40 | 8°45 | 4°58 | 18° 8 | 23°45 | 14°50 | 15°50 | 15° 9 | 2°34 | 6°43 | F 13 |
| S 14 | 13 29 2 | 24° 8'59 | 18°26 | 11°15 | 9°32 | 17° 9 | 8°46 | 4°59 | 18°10 | 23°44 | 14°50 | 15°49 | 15° 6 | 2°41 | 6°47 | S 14 |
| S 15 | 13 32 58 | 25° 7'59 | 1♌51 | 11°32 | 10°34 | 17°39 | 8°48 | 5° 0 | 18°12 | 23°43 | 14°50 | 15°D49 | 15° 3 | 2°47 | 6°50 | S 15 |
| M16 | 13 36 55 | 26° 6'58 | 15°39 | 11°43 | 11°36 | 18° 8 | 8°50 | 5° 1 | 18°14 | 23°43 | 14°51 | 15°R49 | 15° 0 | 2°54 | 6°54 | M16 |
| T 17 | 13 40 51 | 27° 5'53 | 29°51 | 11°R47 | 12°38 | 18°38 | 8°53 | 5° 3 | 18°16 | 23°42 | 14°51 | 15°49 | 14°56 | 3° 1 | 6°58 | T 17 |
| W18 | 13 44 48 | 28° 4'47 | 14♍26 | 11°45 | 13°39 | 19° 7 | 8°55 | 5° 4 | 18°17 | 23°42 | 14°52 | 15°46 | 14°53 | 3° 7 | 7° 2 | W18 |
| T 19 | 13 48 44 | 29° 3'38 | 29°21 | 11°37 | 14°40 | 19°37 | 8°58 | 5° 5 | 18°19 | 23°41 | 14°52 | 15°41 | 14°50 | 3°14 | 7° 6 | T 19 |
| F 20 | 13 52 41 | 0♉ 2'27 | 14♎29 | 11°22 | 15°40 | 20° 7 | 9° 1 | 5° 7 | 18°21 | 23°41 | 14°53 | 15°33 | 14°47 | 3°21 | 7°10 | F 20 |
| S 21 | 13 56 37 | 1° 1'14 | 29°40 | 11° 2 | 16°40 | 20°37 | 9° 4 | 5° 8 | 18°22 | 23°40 | 14°53 | 15°23 | 14°44 | 3°27 | 7°13 | S 21 |
| S 22 | 14 0 34 | 1°59'59 | 14♏45 | 10°37 | 17°40 | 21° 7 | 9° 7 | 5°10 | 18°24 | 23°40 | 14°54 | 15°12 | 14°40 | 3°34 | 7°17 | S 22 |
| M23 | 14 4 30 | 2°58'43 | 29°32 | 10° 7 | 18°39 | 21°38 | 9°11 | 5°12 | 18°25 | 23°39 | 14°54 | 15° 2 | 14°37 | 3°41 | 7°21 | M23 |
| T 24 | 14 8 27 | 3°57'24 | 13♐55 | 9°33 | 19°38 | 22° 8 | 9°14 | 5°14 | 18°27 | 23°39 | 14°55 | 14°52 | 14°34 | 3°48 | 7°25 | T 24 |
| W25 | 14 12 24 | 4°56'04 | 27°49 | 8°57 | 20°36 | 22°39 | 9°18 | 5°16 | 18°28 | 23°39 | 14°55 | 14°46 | 14°31 | 3°54 | 7°29 | W25 |
| T 26 | 14 16 20 | 5°54'42 | 11♑13 | 8°17 | 21°34 | 23°10 | 9°22 | 5°18 | 18°30 | 23°38 | 14°56 | 14°41 | 14°28 | 4° 1 | 7°33 | T 26 |
| F 27 | 14 20 17 | 6°53'19 | 24° 9 | 7°36 | 22°31 | 23°40 | 9°26 | 5°20 | 18°31 | 23°38 | 14°57 | 14°40 | 14°25 | 4° 8 | 7°37 | F 27 |
| S 28 | 14 24 13 | 7°51'54 | 6♒41 | 6°54 | 23°28 | 24°11 | 9°30 | 5°22 | 18°32 | 23°38 | 14°57 | 14°39 | 14°21 | 4°14 | 7°41 | S 28 |
| S 29 | 14 28 10 | 8°50'27 | 18°55 | 6°12 | 24°24 | 24°42 | 9°34 | 5°25 | 18°33 | 23°38 | 14°58 | 14°39 | 14°18 | 4°21 | 7°44 | S 29 |
| M30 | 14 32 6 | 9♉48'58 | 0♓55 | 5♉31 | 25♊20 | 25♋13 | 9♌39 | 5♌27 | 18♒35 | 23♌38 | 14♋59 | 14♒38 | 14♒15 | 4♈28 | 7♉48 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n28 | 18s16 | 0s38 | 11n47 | 1n16 | 21n12 | 2n 8 | 25n13 | 2n18 | 18n49 | 0n47 | 19n34 | 0n36 | 16s 7 | 0s39 | 13n47 | 0n16 | 19n34 | 3s 1 | 15s37 | 16s 4 | 3n51 | 12n45 | 0s47 |
| M 2 | 4 51 | 13 40 | 0n26 | 12 32 | 1 28 | 21 31 | 2 12 | 25 10 | 2 17 | 18 49 | 0 47 | 19 34 | 0 36 | 16 6 | 0 39 | 13 47 | 0 16 | 19 34 | 3 1 | 15 37 | 16 5 | 3 55 | 12 46 | 0 47 |
| T 3 | 5 14 | 8 37 | 1 29 | 13 16 | 1 40 | 21 50 | 2 16 | 25 7 | 2 16 | 18 49 | 0 47 | 19 35 | 0 36 | 16 5 | 0 39 | 13 47 | 0 16 | 19 34 | 3 1 | 15 38 | 16 6 | 3 58 | 12 47 | 0 47 |
| W 4 | 5 37 | 3 17 | 2 27 | 13 57 | 1 52 | 22 9 | 2 20 | 25 3 | 2 16 | 18 49 | 0 47 | 19 35 | 0 36 | 16 5 | 0 39 | 13 48 | 0 16 | 19 34 | 3 1 | 15 39 | 16 7 | 4 1 | 12 48 | 0 47 |
| T 5 | 6 0 | 2n 8 | 3 19 | 14 35 | 2 2 | 22 27 | 2 24 | 25 0 | 2 15 | 18 49 | 0 47 | 19 35 | 0 36 | 16 4 | 0 39 | 13 48 | 0 16 | 19 34 | 3 1 | 15 41 | 16 8 | 4 4 | 12 49 | 0 47 |
| F 6 | 6 23 | 7 28 | 4 2 | 15 11 | 2 13 | 22 44 | 2 28 | 24 56 | 2 14 | 18 49 | 0 47 | 19 35 | 0 36 | 16 3 | 0 39 | 13 48 | 0 16 | 19 34 | 3 1 | 15 44 | 16 9 | 4 8 | 12 50 | 0 47 |
| S 7 | 6 46 | 12 34 | 4 34 | 15 44 | 2 23 | 23 1 | 2 32 | 24 53 | 2 13 | 18 49 | 0 47 | 19 35 | 0 36 | 16 3 | 0 39 | 13 49 | 0 16 | 19 35 | 3 1 | 15 47 | 16 10 | 4 11 | 12 51 | 0 48 |
| S 8 | 7 8 | 17 14 | 4 55 | 16 14 | 2 32 | 23 18 | 2 36 | 24 49 | 2 12 | 18 49 | 0 47 | 19 35 | 0 36 | 16 2 | 0 39 | 13 49 | 0 16 | 19 35 | 3 0 | 15 51 | 16 11 | 4 14 | 12 53 | 0 48 |
| M 9 | 7 31 | 21 16 | 5 3 | 16 41 | 2 40 | 23 34 | 2 39 | 24 45 | 2 11 | 18 49 | 0 47 | 19 35 | 0 36 | 16 1 | 0 39 | 13 49 | 0 16 | 19 35 | 3 0 | 15 54 | 16 12 | 4 17 | 12 54 | 0 48 |
| T 10 | 7 53 | 24 25 | 4 57 | 17 5 | 2 47 | 23 49 | 2 43 | 24 41 | 2 10 | 18 48 | 0 47 | 19 35 | 0 36 | 16 1 | 0 39 | 13 49 | 0 16 | 19 35 | 3 0 | 15 58 | 16 13 | 4 20 | 12 55 | 0 48 |
| W11 | 8 15 | 26 28 | 4 37 | 17 25 | 2 53 | 24 4 | 2 46 | 24 36 | 2 9 | 18 48 | 0 47 | 19 35 | 0 37 | 16 0 | 0 39 | 13 50 | 0 16 | 19 35 | 3 0 | 16 0 | 16 14 | 4 24 | 12 56 | 0 48 |
| T 12 | 8 37 | 27 14 | 4 4 | 17 42 | 2 59 | 24 18 | 2 50 | 24 32 | 2 9 | 18 47 | 0 47 | 19 34 | 0 37 | 16 0 | 0 39 | 13 50 | 0 16 | 19 35 | 3 0 | 16 2 | 16 14 | 4 27 | 12 57 | 0 48 |
| F 13 | 8 59 | 26 34 | 3 18 | 17 56 | 3 3 | 24 32 | 2 53 | 24 28 | 2 8 | 18 47 | 0 47 | 19 34 | 0 37 | 15 59 | 0 39 | 13 50 | 0 16 | 19 35 | 3 0 | 16 3 | 16 15 | 4 30 | 12 58 | 0 48 |
| S 14 | 9 21 | 24 26 | 2 20 | 18 6 | 3 5 | 24 45 | 2 57 | 24 23 | 2 7 | 18 47 | 0 47 | 19 34 | 0 37 | 15 58 | 0 39 | 13 50 | 0 16 | 19 35 | 3 0 | 16 4 | 16 16 | 4 33 | 13 0 | 0 48 |
| S 15 | 9 42 | 20 54 | 1 14 | 18 13 | 3 7 | 24 57 | 3 0 | 24 18 | 2 6 | 18 46 | 0 46 | 19 34 | 0 37 | 15 58 | 0 39 | 13 51 | 0 16 | 19 35 | 3 0 | 16 4 | 16 17 | 4 36 | 13 1 | 0 48 |
| M16 | 10 4 | 16 8 | 0 1 | 18 17 | 3 7 | 25 9 | 3 3 | 24 14 | 2 5 | 18 45 | 0 46 | 19 34 | 0 37 | 15 57 | 0 39 | 13 51 | 0 17 | 19 35 | 2 59 | 16 4 | 16 18 | 4 40 | 13 2 | 0 48 |
| T 17 | 10 25 | 10 21 | 1s14 | 18 17 | 3 6 | 25 21 | 3 7 | 24 9 | 2 4 | 18 45 | 0 46 | 19 33 | 0 37 | 15 57 | 0 39 | 13 51 | 0 17 | 19 35 | 2 59 | 16 4 | 16 19 | 4 43 | 13 3 | 0 48 |
| W18 | 10 46 | 3 53 | 2 26 | 18 14 | 3 3 | 25 31 | 3 10 | 24 4 | 2 3 | 18 44 | 0 46 | 19 33 | 0 37 | 15 56 | 0 40 | 13 51 | 0 17 | 19 35 | 2 59 | 16 4 | 16 20 | 4 46 | 13 4 | 0 48 |
| T 19 | 11 7 | 2s56 | 3 29 | 18 7 | 2 59 | 25 42 | 3 13 | 23 59 | 2 3 | 18 43 | 0 46 | 19 33 | 0 37 | 15 56 | 0 40 | 13 51 | 0 17 | 19 36 | 2 59 | 16 6 | 16 21 | 4 49 | 13 5 | 0 48 |
| F 20 | 11 28 | 9 40 | 4 19 | 17 57 | 2 53 | 25 51 | 3 15 | 23 54 | 2 2 | 18 42 | 0 46 | 19 33 | 0 37 | 15 55 | 0 40 | 13 52 | 0 17 | 19 36 | 2 59 | 16 8 | 16 22 | 4 52 | 13 7 | 0 48 |
| S 21 | 11 48 | 15 51 | 4 50 | 17 44 | 2 46 | 26 1 | 3 18 | 23 48 | 2 1 | 18 42 | 0 46 | 19 32 | 0 37 | 15 55 | 0 40 | 13 52 | 0 17 | 19 36 | 2 59 | 16 11 | 16 23 | 4 56 | 13 8 | 0 48 |
| S 22 | 12 9 | 21 1 | 5 1 | 17 28 | 2 37 | 26 9 | 3 21 | 23 43 | 2 0 | 18 41 | 0 46 | 19 32 | 0 37 | 15 55 | 0 40 | 13 52 | 0 17 | 19 36 | 2 59 | 16 14 | 16 24 | 4 59 | 13 9 | 0 49 |
| M23 | 12 29 | 24 45 | 4 52 | 17 9 | 2 27 | 26 17 | 3 24 | 23 37 | 1 59 | 18 40 | 0 46 | 19 31 | 0 37 | 15 54 | 0 40 | 13 52 | 0 17 | 19 36 | 2 59 | 16 18 | 16 25 | 5 2 | 13 10 | 0 49 |
| T 24 | 12 49 | 26 47 | 4 24 | 16 47 | 2 15 | 26 24 | 3 26 | 23 31 | 1 59 | 18 39 | 0 46 | 19 31 | 0 37 | 15 54 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 20 | 16 26 | 5 5 | 13 11 | 0 49 |
| W25 | 13 8 | 27 3 | 3 41 | 16 23 | 2 3 | 26 31 | 3 29 | 23 26 | 1 58 | 18 38 | 0 46 | 19 30 | 0 37 | 15 53 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 22 | 16 26 | 5 8 | 13 13 | 0 49 |
| T 26 | 13 28 | 25 41 | 2 47 | 15 57 | 1 49 | 26 38 | 3 31 | 23 20 | 1 57 | 18 37 | 0 46 | 19 30 | 0 37 | 15 53 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 23 | 16 27 | 5 11 | 13 14 | 0 49 |
| F 27 | 13 47 | 22 59 | 1 46 | 15 30 | 1 34 | 26 43 | 3 33 | 23 14 | 1 56 | 18 35 | 0 46 | 19 29 | 0 37 | 15 53 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 24 | 16 28 | 5 15 | 13 15 | 0 49 |
| S 28 | 14 6 | 19 14 | 0 42 | 15 2 | 1 19 | 26 48 | 3 35 | 23 7 | 1 55 | 18 34 | 0 46 | 19 29 | 0 37 | 15 52 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 24 | 16 29 | 5 18 | 13 16 | 0 49 |
| S 29 | 14 25 | 14 46 | 0n23 | 14 32 | 1 2 | 26 53 | 3 37 | 23 1 | 1 55 | 18 33 | 0 46 | 19 28 | 0 37 | 15 52 | 0 40 | 13 52 | 0 17 | 19 36 | 2 58 | 16 24 | 16 30 | 5 21 | 13 17 | 0 49 |
| M30 | 14n43 | 9s48 | 1n25 | 14n 3 | 0n46 | 26n57 | 3n39 | 22n55 | 1n54 | 18n32 | 0n46 | 19n28 | 0n37 | 15s52 | 0s40 | 13n53 | 0n17 | 19n36 | 2s58 | 16s24 | 16s31 | 5n24 | 13n18 | 0s49 |

Julian Day Number = 2604306.5, Delta T = 09m31s
Ecliptic obliquity = 23°23'13, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'16, Lahiri = 29°42'17


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## MAY 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 36 3 | 10♉47'28 | 12♓46 | 4°R51 | 26♊16 | 25♋45 | 9♌44 | 5♌30 | 18♒36 | 23°R37 | 15♋ 0 | 14°R36 | 14♒12 | 4♈34 | 7♉52 | T 1 |
| W 2 | 14 39 59 | 11°45'56 | 24°35 | 4♉13 | 27°10 | 26°16 | 9°49 | 5°33 | 18°37 | 23♌37 | 15° 0 | 14♒31 | 14° 9 | 4°41 | 7°56 | W 2 |
| T 3 | 14 43 56 | 12°44'23 | 6♈23 | 3°38 | 28° 5 | 26°48 | 9°54 | 5°36 | 18°38 | 23°37 | 15° 1 | 14°23 | 14° 6 | 4°48 | 8° 0 | T 3 |
| F 4 | 14 47 53 | 13°42'48 | 18°16 | 3° 5 | 28°58 | 27°19 | 9°59 | 5°39 | 18°39 | 23°D37 | 15° 2 | 14°13 | 14° 2 | 4°54 | 8° 4 | F 4 |
| S 5 | 14 51 49 | 14°41'11 | 0♉15 | 2°37 | 29°51 | 27°51 | 10° 4 | 5°42 | 18°40 | 23°37 | 15° 3 | 14° 0 | 13°59 | 5° 1 | 8° 8 | S 5 |
| S 6 | 14 55 46 | 15°39'32 | 12°22 | 2°12 | 0♋43 | 28°23 | 10°10 | 5°45 | 18°41 | 23°37 | 15° 4 | 13°46 | 13°56 | 5° 8 | 8°11 | S 6 |
| M 7 | 14 59 42 | 16°37'52 | 24°38 | 1°52 | 1°35 | 28°54 | 10°15 | 5°48 | 18°42 | 23°37 | 15° 4 | 13°32 | 13°53 | 5°15 | 8°15 | M 7 |
| T 8 | 15 3 39 | 17°36'10 | 7♊ 4 | 1°36 | 2°26 | 29°26 | 10°21 | 5°51 | 18°42 | 23°38 | 15° 5 | 13°19 | 13°50 | 5°21 | 8°19 | T 8 |
| W 9 | 15 7 35 | 18°34'26 | 19°39 | 1°25 | 3°16 | 29°58 | 10°27 | 5°55 | 18°43 | 23°38 | 15° 6 | 13° 9 | 13°46 | 5°28 | 8°23 | W 9 |
| T 10 | 15 11 32 | 19°32'41 | 2♋26 | 1°18 | 4° 6 | 0♌31 | 10°33 | 5°58 | 18°44 | 23°38 | 15° 7 | 13° 1 | 13°43 | 5°35 | 8°27 | T 10 |
| F 11 | 15 15 29 | 20°30'53 | 15°24 | 1°D17 | 4°54 | 1° 3 | 10°40 | 6° 2 | 18°44 | 23°38 | 15° 8 | 12°56 | 13°40 | 5°41 | 8°31 | F 11 |
| S 12 | 15 19 25 | 21°29'04 | 28°35 | 1°20 | 5°42 | 1°35 | 10°46 | 6° 5 | 18°45 | 23°38 | 15° 9 | 12°54 | 13°37 | 5°48 | 8°34 | S 12 |
| S 13 | 15 23 22 | 22°27'12 | 12♌ 2 | 1°28 | 6°29 | 2° 8 | 10°53 | 6° 9 | 18°46 | 23°39 | 15°10 | 12°D53 | 13°34 | 5°55 | 8°38 | S 13 |
| M14 | 15 27 18 | 23°25'19 | 25°46 | 1°40 | 7°16 | 2°40 | 10°59 | 6°13 | 18°46 | 23°39 | 15°11 | 12°R53 | 13°31 | 6° 1 | 8°42 | M14 |
| T 15 | 15 31 15 | 24°23'23 | 9♍47 | 1°57 | 8° 1 | 3°13 | 11° 6 | 6°17 | 18°46 | 23°39 | 15°12 | 12°53 | 13°27 | 6° 8 | 8°46 | T 15 |
| W16 | 15 35 11 | 25°21'26 | 24° 7 | 2°19 | 8°45 | 3°45 | 11°13 | 6°21 | 18°47 | 23°40 | 15°13 | 12°50 | 13°24 | 6°15 | 8°50 | W16 |
| T 17 | 15 39 8 | 26°19'26 | 8♎42 | 2°45 | 9°29 | 4°18 | 11°20 | 6°25 | 18°47 | 23°40 | 15°14 | 12°45 | 13°21 | 6°21 | 8°53 | T 17 |
| F 18 | 15 43 4 | 27°17'25 | 23°29 | 3°15 | 10°11 | 4°51 | 11°28 | 6°29 | 18°47 | 23°40 | 15°15 | 12°38 | 13°18 | 6°28 | 8°57 | F 18 |
| S 19 | 15 47 1 | 28°15'22 | 8♏20 | 3°49 | 10°53 | 5°24 | 11°35 | 6°34 | 18°48 | 23°41 | 15°16 | 12°28 | 13°15 | 6°35 | 9° 1 | S 19 |
| S 20 | 15 50 57 | 29°13'18 | 23° 8 | 4°27 | 11°33 | 5°57 | 11°42 | 6°38 | 18°48 | 23°41 | 15°17 | 12°18 | 13°12 | 6°42 | 9° 4 | S 20 |
| M21 | 15 54 54 | 0♊11'12 | 7♐44 | 5° 9 | 12°12 | 6°30 | 11°50 | 6°43 | 18°48 | 23°42 | 15°18 | 12° 7 | 13° 8 | 6°48 | 9° 8 | M21 |
| T 22 | 15 58 51 | 1° 9'04 | 22° 0 | 5°54 | 12°50 | 7° 3 | 11°58 | 6°47 | 18°48 | 23°42 | 15°20 | 11°58 | 13° 5 | 6°55 | 9°12 | T 22 |
| W23 | 16 2 47 | 2° 6'56 | 5♑51 | 6°43 | 13°27 | 7°36 | 12° 6 | 6°52 | 18°R48 | 23°43 | 15°21 | 11°51 | 13° 2 | 7° 2 | 9°15 | W23 |
| T 24 | 16 6 44 | 3° 4'46 | 19°16 | 7°36 | 14° 2 | 8° 9 | 12°14 | 6°57 | 18°48 | 23°44 | 15°22 | 11°47 | 12°59 | 7° 8 | 9°19 | T 24 |
| F 25 | 16 10 40 | 4° 2'34 | 2♒15 | 8°31 | 14°36 | 8°43 | 12°22 | 7° 1 | 18°48 | 23°44 | 15°23 | 11°45 | 12°56 | 7°15 | 9°23 | F 25 |
| S 26 | 16 14 37 | 5° 0'22 | 14°50 | 9°30 | 15° 9 | 9°16 | 12°30 | 7° 6 | 18°48 | 23°45 | 15°24 | 11°D44 | 12°52 | 7°22 | 9°26 | S 26 |
| S 27 | 16 18 33 | 5°58'08 | 27° 7 | 10°32 | 15°40 | 9°50 | 12°39 | 7°11 | 18°48 | 23°46 | 15°25 | 11°45 | 12°49 | 7°28 | 9°30 | S 27 |
| M28 | 16 22 30 | 6°55'53 | 9♓ 9 | 11°37 | 16°10 | 10°23 | 12°47 | 7°16 | 18°48 | 23°47 | 15°27 | 11°R45 | 12°46 | 7°35 | 9°33 | M28 |
| T 29 | 16 26 27 | 7°53'37 | 21° 3 | 12°45 | 16°39 | 10°57 | 12°56 | 7°21 | 18°47 | 23°47 | 15°28 | 11°44 | 12°43 | 7°42 | 9°37 | T 29 |
| W30 | 16 30 23 | 8°51'20 | 2♈53 | 13°56 | 17° 6 | 11°30 | 13° 4 | 7°26 | 18°47 | 23°48 | 15°29 | 11°41 | 12°40 | 7°49 | 9°40 | W30 |
| T 31 | 16 34 20 | 9♊49'02 | 14♈44 | 15♉10 | 17♋31 | 12♌ 4 | 13♌13 | 7♌32 | 18♒47 | 23♌49 | 15♋30 | 11♒36 | 12♒37 | 7♈55 | 9♉44 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 2 | 4s33 | 2n23 | 13n33 | 0n28 | 27n 0 | 3n40 | 22n48 | 1n53 | 18n30 | 0n46 | 19n27 | 0n37 | 15s51 | 0s40 | 13n53 | 0n17 | 19n36 | 2s58 | 16s25 | 16s32 | 5n27 | 13n20 | 0s49 |
| W 2 | 15 20 | 0n49 | 3 14 | 13 4 | 0 11 | 27 3 | 3 42 | 22 41 | 1 52 | 18 29 | 0 46 | 19 26 | 0 37 | 15 51 | 0 40 | 13 53 | 0 17 | 19 36 | 2 58 | 16 27 | 16 33 | 5 31 | 13 21 | 0 49 |
| T 3 | 15 38 | 6 10 | 3 57 | 12 36 | 0s 6 | 27 6 | 3 43 | 22 35 | 1 52 | 18 28 | 0 46 | 19 26 | 0 37 | 15 51 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 29 | 16 34 | 5 34 | 13 22 | 0 49 |
| F 4 | 15 55 | 11 18 | 4 30 | 12 10 | 0 23 | 27 8 | 3 45 | 22 28 | 1 51 | 18 26 | 0 46 | 19 25 | 0 37 | 15 50 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 32 | 16 35 | 5 37 | 13 23 | 0 49 |
| S 5 | 16 13 | 16 4 | 4 51 | 11 44 | 0 39 | 27 9 | 3 46 | 22 21 | 1 50 | 18 25 | 0 45 | 19 24 | 0 37 | 15 50 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 35 | 16 36 | 5 40 | 13 24 | 0 50 |
| S 6 | 16 30 | 20 16 | 4 59 | 11 21 | 0 55 | 27 10 | 3 47 | 22 13 | 1 49 | 18 23 | 0 45 | 19 24 | 0 37 | 15 50 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 39 | 16 37 | 5 43 | 13 25 | 0 50 |
| M 7 | 16 46 | 23 38 | 4 54 | 10 59 | 1 11 | 27 10 | 3 48 | 22 6 | 1 49 | 18 22 | 0 45 | 19 23 | 0 37 | 15 50 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 43 | 16 37 | 5 46 | 13 27 | 0 50 |
| T 8 | 17 3 | 25 57 | 4 35 | 10 40 | 1 26 | 27 10 | 3 48 | 21 59 | 1 48 | 18 20 | 0 45 | 19 22 | 0 37 | 15 49 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 47 | 16 38 | 5 49 | 13 28 | 0 50 |
| W 9 | 17 19 | 27 0 | 4 2 | 10 23 | 1 40 | 27 9 | 3 49 | 21 51 | 1 47 | 18 18 | 0 45 | 19 21 | 0 37 | 15 49 | 0 40 | 13 53 | 0 17 | 19 36 | 2 57 | 16 50 | 16 39 | 5 53 | 13 29 | 0 50 |
| T 10 | 17 35 | 26 38 | 3 16 | 10 8 | 1 53 | 27 8 | 3 49 | 21 44 | 1 46 | 18 17 | 0 45 | 19 20 | 0 37 | 15 49 | 0 40 | 13 52 | 0 17 | 19 36 | 2 57 | 16 52 | 16 40 | 5 56 | 13 30 | 0 50 |
| F 11 | 17 50 | 24 49 | 2 20 | 9 56 | 2 5 | 27 7 | 3 49 | 21 36 | 1 46 | 18 15 | 0 45 | 19 20 | 0 37 | 15 49 | 0 40 | 13 52 | 0 17 | 19 36 | 2 56 | 16 54 | 16 41 | 5 59 | 13 31 | 0 50 |
| S 12 | 18 6 | 21 37 | 1 15 | 9 46 | 2 17 | 27 4 | 3 49 | 21 28 | 1 45 | 18 13 | 0 45 | 19 19 | 0 37 | 15 49 | 0 40 | 13 52 | 0 17 | 19 36 | 2 56 | 16 54 | 16 42 | 6 2 | 13 32 | 0 50 |
| S 13 | 18 21 | 17 13 | 0 5 | 9 39 | 2 28 | 27 2 | 3 49 | 21 20 | 1 44 | 18 11 | 0 45 | 19 18 | 0 37 | 15 49 | 0 40 | 13 52 | 0 17 | 19 36 | 2 56 | 16 54 | 16 43 | 6 5 | 13 33 | 0 50 |
| M14 | 18 35 | 11 51 | 1s 8 | 9 34 | 2 37 | 26 59 | 3 48 | 21 12 | 1 43 | 18 9 | 0 45 | 19 17 | 0 37 | 15 49 | 0 40 | 13 52 | 0 17 | 19 36 | 2 56 | 16 54 | 16 44 | 6 8 | 13 34 | 0 50 |
| T 15 | 18 50 | 5 46 | 2 17 | 9 32 | 2 46 | 26 56 | 3 47 | 21 4 | 1 43 | 18 7 | 0 45 | 19 16 | 0 37 | 15 48 | 0 41 | 13 52 | 0 17 | 19 36 | 2 56 | 16 55 | 16 45 | 6 12 | 13 36 | 0 50 |
| W16 | 19 4 | 0s43 | 3 20 | 9 32 | 2 54 | 26 52 | 3 46 | 20 55 | 1 42 | 18 6 | 0 45 | 19 15 | 0 37 | 15 48 | 0 41 | 13 52 | 0 17 | 19 36 | 2 56 | 16 55 | 16 46 | 6 15 | 13 37 | 0 51 |
| T 17 | 19 17 | 7 17 | 4 10 | 9 34 | 3 1 | 26 48 | 3 45 | 20 47 | 1 41 | 18 4 | 0 45 | 19 14 | 0 37 | 15 48 | 0 41 | 13 52 | 0 17 | 19 36 | 2 56 | 16 57 | 16 47 | 6 18 | 13 38 | 0 51 |
| F 18 | 19 31 | 13 31 | 4 45 | 9 38 | 3 7 | 26 43 | 3 44 | 20 38 | 1 40 | 18 1 | 0 45 | 19 13 | 0 37 | 15 48 | 0 41 | 13 52 | 0 17 | 19 36 | 2 56 | 16 59 | 16 47 | 6 21 | 13 39 | 0 51 |
| S 19 | 19 44 | 19 0 | 5 1 | 9 45 | 3 12 | 26 38 | 3 42 | 20 29 | 1 40 | 17 59 | 0 45 | 19 12 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 56 | 17 1 | 16 48 | 6 24 | 13 40 | 0 51 |
| S 20 | 19 56 | 23 17 | 4 56 | 9 54 | 3 16 | 26 33 | 3 40 | 20 21 | 1 39 | 17 57 | 0 45 | 19 11 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 55 | 17 4 | 16 49 | 6 27 | 13 41 | 0 51 |
| M21 | 20 9 | 26 1 | 4 32 | 10 4 | 3 19 | 26 27 | 3 38 | 20 12 | 1 38 | 17 55 | 0 45 | 19 10 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 55 | 17 7 | 16 50 | 6 30 | 13 42 | 0 51 |
| T 22 | 20 21 | 27 0 | 3 52 | 10 17 | 3 22 | 26 21 | 3 36 | 20 3 | 1 38 | 17 53 | 0 45 | 19 9 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 55 | 17 10 | 16 51 | 6 34 | 13 43 | 0 51 |
| W23 | 20 32 | 26 14 | 2 58 | 10 31 | 3 24 | 26 15 | 3 33 | 19 53 | 1 37 | 17 51 | 0 45 | 19 7 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 55 | 17 12 | 16 52 | 6 37 | 13 44 | 0 51 |
| T 24 | 20 44 | 23 56 | 1 56 | 10 47 | 3 25 | 26 8 | 3 31 | 19 44 | 1 36 | 17 48 | 0 45 | 19 6 | 0 38 | 15 48 | 0 41 | 13 51 | 0 17 | 19 36 | 2 55 | 17 13 | 16 53 | 6 40 | 13 45 | 0 51 |
| F 25 | 20 55 | 20 26 | 0 50 | 11 4 | 3 25 | 26 1 | 3 27 | 19 35 | 1 36 | 17 46 | 0 45 | 19 5 | 0 38 | 15 48 | 0 41 | 13 50 | 0 17 | 19 36 | 2 55 | 17 14 | 16 54 | 6 43 | 13 46 | 0 51 |
| S 26 | 21 5 | 16 5 | 0n17 | 11 23 | 3 25 | 25 54 | 3 24 | 19 25 | 1 35 | 17 44 | 0 45 | 19 4 | 0 38 | 15 48 | 0 41 | 13 50 | 0 17 | 19 36 | 2 55 | 17 14 | 16 55 | 6 46 | 13 47 | 0 51 |
| S 27 | 21 15 | 11 11 | 1 21 | 11 44 | 3 23 | 25 47 | 3 20 | 19 16 | 1 34 | 17 41 | 0 45 | 19 3 | 0 38 | 15 48 | 0 41 | 13 50 | 0 17 | 19 36 | 2 55 | 17 14 | 16 56 | 6 49 | 13 48 | 0 52 |
| M28 | 21 25 | 5 57 | 2 21 | 12 5 | 3 22 | 25 39 | 3 16 | 19 6 | 1 33 | 17 39 | 0 45 | 19 1 | 0 38 | 15 48 | 0 41 | 13 50 | 0 17 | 19 36 | 2 55 | 17 13 | 16 56 | 6 52 | 13 49 | 0 52 |
| T 29 | 21 35 | 0 34 | 3 13 | 12 28 | 3 19 | 25 31 | 3 12 | 18 56 | 1 33 | 17 36 | 0 44 | 19 0 | 0 38 | 15 49 | 0 41 | 13 49 | 0 17 | 19 36 | 2 55 | 17 14 | 16 57 | 6 55 | 13 50 | 0 52 |
| W30 | 21 44 | 4n47 | 3 58 | 12 52 | 3 16 | 25 23 | 3 7 | 18 46 | 1 32 | 17 34 | 0 44 | 18 59 | 0 38 | 15 49 | 0 41 | 13 49 | 0 17 | 19 36 | 2 54 | 17 15 | 16 58 | 6 58 | 13 52 | 0 52 |
| T 31 | 21n52 | 9n58 | 4n32 | 13n17 | 3s12 | 25n15 | 3n 2 | 18n36 | 1n31 | 17n31 | 0n44 | 18n58 | 0n38 | 15s49 | 0s41 | 13n49 | 0n17 | 19n36 | 2s54 | 17s16 | 16s59 | 7n 2 | 13n53 | 0s52 |

Julian Day Number = 2604336.5, Delta T = 09m31s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'20, Lahiri = 29°42'21


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## JUNE 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 38 16 | 10♊46'43 | 26♈41 | 16♉26 | 17♋54 | 12♌38 | 13♌22 | 7♌37 | 18°R46 | 23♌50 | 15♋32 | 11°R29 | 12♒33 | 8♈ 2 | 9♉47 | F 1 |
| S 2 | 16 42 13 | 11°44'23 | 8♉46 | 17°45 | 18°16 | 13°12 | 13°31 | 7°42 | 18♒46 | 23°51 | 15°33 | 11♒19 | 12°30 | 8° 9 | 9°51 | S 2 |
| S 3 | 16 46 9 | 12°42'02 | 21° 2 | 19° 7 | 18°36 | 13°46 | 13°40 | 7°48 | 18°45 | 23°52 | 15°34 | 11° 9 | 12°27 | 8°15 | 9°54 | S 3 |
| M 4 | 16 50 6 | 13°39'40 | 3♊31 | 20°31 | 18°54 | 14°20 | 13°50 | 7°53 | 18°45 | 23°53 | 15°35 | 10°58 | 12°24 | 8°22 | 9°58 | M 4 |
| T 5 | 16 54 2 | 14°37'17 | 16°12 | 21°58 | 19°11 | 14°54 | 13°59 | 7°59 | 18°44 | 23°54 | 15°37 | 10°49 | 12°21 | 8°29 | 10° 1 | T 5 |
| W 6 | 16 57 59 | 15°34'53 | 29° 6 | 23°27 | 19°25 | 15°28 | 14° 8 | 8° 5 | 18°44 | 23°55 | 15°38 | 10°41 | 12°18 | 8°35 | 10° 4 | W 6 |
| T 7 | 17 1 56 | 16°32'27 | 12♋12 | 24°59 | 19°37 | 16° 2 | 14°18 | 8°10 | 18°43 | 23°56 | 15°39 | 10°35 | 12°14 | 8°42 | 10° 8 | T 7 |
| F 8 | 17 5 52 | 17°30'01 | 25°30 | 26°34 | 19°47 | 16°36 | 14°28 | 8°16 | 18°42 | 23°57 | 15°41 | 10°32 | 12°11 | 8°49 | 10°11 | F 8 |
| S 9 | 17 9 49 | 18°27'33 | 8♌59 | 28°11 | 19°55 | 17°11 | 14°37 | 8°22 | 18°41 | 23°58 | 15°42 | 10°D31 | 12° 8 | 8°56 | 10°14 | S 9 |
| S 10 | 17 13 45 | 19°25'04 | 22°39 | 29°50 | 20° 1 | 17°45 | 14°47 | 8°28 | 18°41 | 23°59 | 15°43 | 10°31 | 12° 5 | 9° 2 | 10°17 | S 10 |
| M11 | 17 17 42 | 20°22'33 | 6♍30 | 1♊32 | 20° 4 | 18°20 | 14°57 | 8°34 | 18°40 | 24° 0 | 15°45 | 10°32 | 12° 2 | 9° 9 | 10°20 | M11 |
| T 12 | 17 21 38 | 21°20'01 | 20°31 | 3°16 | 20°R 6 | 18°54 | 15° 7 | 8°40 | 18°39 | 24° 1 | 15°46 | 10°R33 | 11°58 | 9°16 | 10°24 | T 12 |
| W13 | 17 25 35 | 22°17'28 | 4♎43 | 5° 3 | 20° 4 | 19°29 | 15°17 | 8°46 | 18°38 | 24° 3 | 15°48 | 10°32 | 11°55 | 9°22 | 10°27 | W13 |
| T 14 | 17 29 31 | 23°14'54 | 19° 2 | 6°52 | 20° 1 | 20° 3 | 15°28 | 8°52 | 18°37 | 24° 4 | 15°49 | 10°30 | 11°52 | 9°29 | 10°30 | T 14 |
| F 15 | 17 33 28 | 24°12'19 | 3♏27 | 8°44 | 19°55 | 20°38 | 15°38 | 8°58 | 18°36 | 24° 5 | 15°50 | 10°25 | 11°49 | 9°36 | 10°33 | F 15 |
| S 16 | 17 37 25 | 25° 9'42 | 17°53 | 10°38 | 19°46 | 21°13 | 15°48 | 9° 5 | 18°35 | 24° 7 | 15°52 | 10°19 | 11°46 | 9°42 | 10°36 | S 16 |
| S 17 | 17 41 21 | 26° 7'05 | 2♐15 | 12°35 | 19°35 | 21°47 | 15°59 | 9°11 | 18°34 | 24° 8 | 15°53 | 10°13 | 11°43 | 9°49 | 10°39 | S 17 |
| M18 | 17 45 18 | 27° 4'27 | 16°26 | 14°33 | 19°22 | 22°22 | 16° 9 | 9°17 | 18°33 | 24° 9 | 15°55 | 10° 6 | 11°39 | 9°56 | 10°42 | M18 |
| T 19 | 17 49 14 | 28° 1'48 | 0♑22 | 16°34 | 19° 6 | 22°57 | 16°20 | 9°24 | 18°31 | 24°11 | 15°56 | 10° 0 | 11°36 | 10° 3 | 10°45 | T 19 |
| W20 | 17 53 11 | 28°59'08 | 13°59 | 18°37 | 18°48 | 23°32 | 16°31 | 9°30 | 18°30 | 24°12 | 15°58 | 9°56 | 11°33 | 10° 9 | 10°48 | W20 |
| T 21 | 17 57 7 | 29°56'28 | 27°15 | 20°41 | 18°28 | 24° 7 | 16°42 | 9°37 | 18°29 | 24°13 | 15°59 | 9°53 | 11°30 | 10°16 | 10°50 | T 21 |
| F 22 | 18 1 4 | 0♋53'47 | 10♒10 | 22°48 | 18° 5 | 24°42 | 16°52 | 9°44 | 18°27 | 24°15 | 16° 0 | 9°D53 | 11°27 | 10°23 | 10°53 | F 22 |
| S 23 | 18 5 1 | 1°51'05 | 22°44 | 24°56 | 17°41 | 25°17 | 17° 3 | 9°50 | 18°26 | 24°16 | 16° 2 | 9°53 | 11°24 | 10°29 | 10°56 | S 23 |
| S 24 | 18 8 57 | 2°48'23 | 5♓ 1 | 27° 5 | 17°14 | 25°52 | 17°14 | 9°57 | 18°25 | 24°18 | 16° 3 | 9°55 | 11°20 | 10°36 | 10°59 | S 24 |
| M25 | 18 12 54 | 3°45'41 | 17° 6 | 29°15 | 16°45 | 26°27 | 17°25 | 10° 4 | 18°23 | 24°19 | 16° 5 | 9°56 | 11°17 | 10°43 | 11° 1 | M25 |
| T 26 | 18 16 50 | 4°42'59 | 29° 1 | 1♋26 | 16°15 | 27° 2 | 17°37 | 10°10 | 18°22 | 24°21 | 16° 6 | 9°57 | 11°14 | 10°49 | 11° 4 | T 26 |
| W27 | 18 20 47 | 5°40'16 | 10♈53 | 3°37 | 15°43 | 27°38 | 17°48 | 10°17 | 18°20 | 24°23 | 16° 8 | 9°R57 | 11°11 | 10°56 | 11° 7 | W27 |
| T 28 | 18 24 43 | 6°37'33 | 22°47 | 5°49 | 15°10 | 28°13 | 17°59 | 10°24 | 18°19 | 24°24 | 16° 9 | 9°56 | 11° 8 | 11° 3 | 11° 9 | T 28 |
| F 29 | 18 28 40 | 7°34'50 | 4♉46 | 8° 1 | 14°35 | 28°48 | 18°11 | 10°31 | 18°17 | 24°26 | 16°11 | 9°53 | 11° 4 | 11°10 | 11°12 | F 29 |
| S 30 | 18 32 36 | 8♋32'06 | 16♉55 | 10♋12 | 13♋59 | 29♌24 | 18♌22 | 10♌38 | 18♒15 | 24♌27 | 16♋12 | 9♒49 | 11♒ 1 | 11♈16 | 11♉14 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 1 | 14n50 | 4n54 | 13n43 | 3s 7 | 25n 7 | 2n57 | 18n26 | 1n31 | 17n29 | 0n44 | 18n56 | 0n38 | 15s49 | 0s41 | 13n49 | 0n17 | 19n36 | 2s54 | 17s18 | 17s 0 | 7n 5 | 13n53 | 0s52 |
| S 2 | 22 9 | 19 11 | 5 4 | 14 10 | 3 2 | 24 58 | 2 51 | 18 15 | 1 30 | 17 26 | 0 44 | 18 55 | 0 38 | 15 49 | 0 41 | 13 48 | 0 17 | 19 36 | 2 54 | 17 21 | 17 1 | 7 8 | 13 54 | 0 52 |
| S 3 | 22 16 | 22 47 | 4 59 | 14 38 | 2 57 | 24 49 | 2 45 | 18 5 | 1 29 | 17 24 | 0 44 | 18 53 | 0 38 | 15 49 | 0 41 | 13 48 | 0 17 | 19 36 | 2 54 | 17 23 | 17 2 | 7 11 | 13 55 | 0 52 |
| M 4 | 22 23 | 25 24 | 4 41 | 15 6 | 2 51 | 24 40 | 2 38 | 17 55 | 1 29 | 17 21 | 0 44 | 18 52 | 0 38 | 15 50 | 0 41 | 13 48 | 0 17 | 19 36 | 2 54 | 17 26 | 17 3 | 7 14 | 13 56 | 0 52 |
| T 5 | 22 30 | 26 48 | 4 9 | 15 35 | 2 44 | 24 31 | 2 31 | 17 44 | 1 28 | 17 18 | 0 44 | 18 51 | 0 38 | 15 50 | 0 41 | 13 47 | 0 17 | 19 36 | 2 54 | 17 29 | 17 4 | 7 17 | 13 57 | 0 53 |
| W 6 | 22 37 | 26 46 | 3 23 | 16 4 | 2 37 | 24 22 | 2 24 | 17 33 | 1 27 | 17 15 | 0 44 | 18 49 | 0 38 | 15 50 | 0 41 | 13 47 | 0 17 | 19 36 | 2 54 | 17 31 | 17 4 | 7 20 | 13 58 | 0 53 |
| T 7 | 22 42 | 25 15 | 2 26 | 16 34 | 2 29 | 24 12 | 2 16 | 17 22 | 1 27 | 17 13 | 0 44 | 18 48 | 0 38 | 15 50 | 0 41 | 13 47 | 0 17 | 19 36 | 2 54 | 17 33 | 17 5 | 7 23 | 13 59 | 0 53 |
| F 8 | 22 48 | 22 18 | 1 20 | 17 4 | 2 21 | 24 3 | 2 8 | 17 11 | 1 26 | 17 10 | 0 44 | 18 46 | 0 38 | 15 51 | 0 41 | 13 46 | 0 17 | 19 36 | 2 54 | 17 34 | 17 6 | 7 26 | 14 0 | 0 53 |
| S 9 | 22 53 | 18 6 | 0 8 | 17 34 | 2 12 | 23 53 | 2 0 | 17 0 | 1 25 | 17 7 | 0 44 | 18 45 | 0 38 | 15 51 | 0 41 | 13 46 | 0 17 | 19 35 | 2 54 | 17 34 | 17 7 | 7 29 | 14 1 | 0 53 |
| S 10 | 22 58 | 12 55 | 1s 5 | 18 4 | 2 3 | 23 44 | 1 51 | 16 49 | 1 25 | 17 4 | 0 44 | 18 43 | 0 38 | 15 51 | 0 42 | 13 45 | 0 17 | 19 35 | 2 53 | 17 34 | 17 8 | 7 33 | 14 2 | 0 53 |
| M11 | 23 2 | 7 1 | 2 15 | 18 34 | 1 54 | 23 34 | 1 42 | 16 38 | 1 24 | 17 1 | 0 44 | 18 42 | 0 38 | 15 51 | 0 42 | 13 45 | 0 17 | 19 35 | 2 53 | 17 33 | 17 9 | 7 36 | 14 3 | 0 53 |
| T 12 | 23 6 | 0 42 | 3 18 | 19 4 | 1 44 | 23 24 | 1 32 | 16 27 | 1 23 | 16 58 | 0 44 | 18 40 | 0 38 | 15 52 | 0 42 | 13 45 | 0 17 | 19 35 | 2 53 | 17 33 | 17 10 | 7 39 | 14 4 | 0 53 |
| W13 | 23 10 | 5s42 | 4 10 | 19 33 | 1 34 | 23 14 | 1 22 | 16 15 | 1 23 | 16 55 | 0 44 | 18 39 | 0 38 | 15 52 | 0 42 | 13 44 | 0 17 | 19 35 | 2 53 | 17 33 | 17 11 | 7 42 | 14 5 | 0 53 |
| T 14 | 23 13 | 11 52 | 4 47 | 20 2 | 1 24 | 23 4 | 1 11 | 16 4 | 1 22 | 16 52 | 0 44 | 18 37 | 0 38 | 15 52 | 0 42 | 13 44 | 0 17 | 19 35 | 2 53 | 17 34 | 17 12 | 7 45 | 14 5 | 0 54 |
| F 15 | 23 16 | 17 25 | 5 6 | 20 31 | 1 13 | 22 54 | 1 0 | 15 52 | 1 21 | 16 49 | 0 44 | 18 36 | 0 38 | 15 53 | 0 42 | 13 43 | 0 17 | 19 35 | 2 53 | 17 35 | 17 12 | 7 48 | 14 6 | 0 54 |
| S 16 | 23 18 | 22 0 | 5 5 | 20 58 | 1 2 | 22 44 | 0 49 | 15 40 | 1 21 | 16 46 | 0 44 | 18 34 | 0 38 | 15 53 | 0 42 | 13 43 | 0 17 | 19 35 | 2 53 | 17 37 | 17 13 | 7 51 | 14 7 | 0 54 |
| S 17 | 23 20 | 25 14 | 4 46 | 21 25 | 0 51 | 22 34 | 0 37 | 15 29 | 1 20 | 16 43 | 0 44 | 18 32 | 0 39 | 15 54 | 0 42 | 13 43 | 0 17 | 19 35 | 2 53 | 17 39 | 17 14 | 7 54 | 14 8 | 0 54 |
| M18 | 23 21 | 26 49 | 4 9 | 21 50 | 0 40 | 22 24 | 0 25 | 15 17 | 1 19 | 16 40 | 0 44 | 18 31 | 0 39 | 15 54 | 0 42 | 13 42 | 0 17 | 19 35 | 2 53 | 17 41 | 17 15 | 7 57 | 14 9 | 0 54 |
| T 19 | 23 22 | 26 41 | 3 17 | 22 14 | 0 29 | 22 14 | 0 13 | 15 5 | 1 19 | 16 36 | 0 44 | 18 29 | 0 39 | 15 54 | 0 42 | 13 42 | 0 17 | 19 35 | 2 53 | 17 42 | 17 16 | 8 0 | 14 10 | 0 54 |
| W20 | 23 23 | 24 54 | 2 16 | 22 36 | 0 18 | 22 4 | 0s 0 | 14 53 | 1 18 | 16 33 | 0 44 | 18 27 | 0 39 | 15 55 | 0 42 | 13 41 | 0 17 | 19 35 | 2 53 | 17 43 | 17 17 | 8 3 | 14 10 | 0 54 |
| T 21 | 23 23 | 21 47 | 1 8 | 22 57 | 0 7 | 21 54 | 0 13 | 14 40 | 1 17 | 16 30 | 0 44 | 18 26 | 0 39 | 15 55 | 0 42 | 13 41 | 0 17 | 19 35 | 2 53 | 17 44 | 17 18 | 8 6 | 14 11 | 0 54 |
| F 22 | 23 23 | 17 38 | 0n 2 | 23 16 | 0n 4 | 21 43 | 0 27 | 14 28 | 1 17 | 16 27 | 0 44 | 18 24 | 0 39 | 15 56 | 0 42 | 13 40 | 0 17 | 19 34 | 2 53 | 17 44 | 17 19 | 8 9 | 14 12 | 0 54 |
| S 23 | 23 22 | 12 49 | 1 9 | 23 32 | 0 15 | 21 33 | 0 41 | 14 16 | 1 16 | 16 23 | 0 44 | 18 22 | 0 39 | 15 56 | 0 42 | 13 40 | 0 17 | 19 34 | 2 52 | 17 44 | 17 19 | 8 12 | 14 13 | 0 55 |
| S 24 | 23 21 | 7 35 | 2 13 | 23 47 | 0 25 | 21 23 | 0 54 | 14 3 | 1 16 | 16 20 | 0 44 | 18 20 | 0 39 | 15 57 | 0 42 | 13 39 | 0 17 | 19 34 | 2 52 | 17 44 | 17 20 | 8 15 | 14 13 | 0 55 |
| M25 | 23 20 | 2 11 | 3 9 | 23 59 | 0 35 | 21 12 | 1 8 | 13 51 | 1 15 | 16 17 | 0 44 | 18 19 | 0 39 | 15 57 | 0 42 | 13 39 | 0 17 | 19 34 | 2 52 | 17 43 | 17 21 | 8 19 | 14 14 | 0 55 |
| T 26 | 23 18 | 3n13 | 3 56 | 24 8 | 0 45 | 21 2 | 1 23 | 13 38 | 1 14 | 16 13 | 0 44 | 18 17 | 0 39 | 15 57 | 0 42 | 13 38 | 0 17 | 19 34 | 2 52 | 17 43 | 17 22 | 8 22 | 14 15 | 0 55 |
| W27 | 23 16 | 8 29 | 4 33 | 24 15 | 0 54 | 20 52 | 1 37 | 13 25 | 1 14 | 16 10 | 0 44 | 18 15 | 0 39 | 15 58 | 0 42 | 13 38 | 0 17 | 19 34 | 2 52 | 17 43 | 17 23 | 8 25 | 14 15 | 0 55 |
| T 28 | 23 13 | 13 27 | 4 58 | 24 18 | 1 3 | 20 41 | 1 51 | 13 13 | 1 13 | 16 6 | 0 44 | 18 13 | 0 39 | 15 58 | 0 42 | 13 37 | 0 17 | 19 34 | 2 52 | 17 43 | 17 24 | 8 28 | 14 16 | 0 55 |
| F 29 | 23 10 | 17 57 | 5 11 | 24 20 | 1 11 | 20 31 | 2 5 | 13 0 | 1 12 | 16 3 | 0 44 | 18 11 | 0 39 | 15 59 | 0 42 | 13 37 | 0 17 | 19 34 | 2 52 | 17 44 | 17 25 | 8 31 | 14 17 | 0 55 |
| S 30 | 23n 7 | 21n48 | 5n10 | 24n18 | 1n18 | 20n21 | 2s19 | 12n47 | 1n12 | 15n59 | 0n44 | 18n10 | 0n39 | 16s 0 | 0s42 | 13n36 | 0n17 | 19n34 | 2s52 | 17s45 | 17s26 | 8n34 | 14n17 | 0s55 |

Julian Day Number = 2604367.5, Delta T = 09m32s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'24, Lahiri = 29°42'26


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## JULY 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 36 33 | 9♋29'23 | 29♉18 | 12♋23 | 13°R23 | 29♌59 | 18♌34 | 10♌45 | 18°R14 | 24♌29 | 16♋14 | 9°R45 | 10♒58 | 11♈23 | 11♉17 | S 1 |
| M 2 | 18 40 30 | 10°26'39 | 11♊56 | 14°33 | 12♋46 | 0♍35 | 18°45 | 10°52 | 18♒12 | 24°31 | 16°15 | 9♒40 | 10°55 | 11°30 | 11°19 | M 2 |
| T 3 | 18 44 26 | 11°23'55 | 24°51 | 16°42 | 12° 8 | 1°10 | 18°57 | 10°59 | 18°10 | 24°33 | 16°17 | 9°35 | 10°52 | 11°36 | 11°21 | T 3 |
| W 4 | 18 48 23 | 12°21'12 | 8♋ 3 | 18°50 | 11°31 | 1°46 | 19° 8 | 11° 6 | 18° 8 | 24°34 | 16°18 | 9°32 | 10°49 | 11°43 | 11°24 | W 4 |
| T 5 | 18 52 19 | 13°18'27 | 21°31 | 20°56 | 10°53 | 2°22 | 19°20 | 11°13 | 18° 7 | 24°36 | 16°20 | 9°30 | 10°45 | 11°50 | 11°26 | T 5 |
| F 6 | 18 56 16 | 14°15'43 | 5♌13 | 23° 1 | 10°16 | 2°57 | 19°32 | 11°20 | 18° 5 | 24°38 | 16°21 | 9°D29 | 10°42 | 11°57 | 11°28 | F 6 |
| S 7 | 19 0 12 | 15°12'58 | 19° 7 | 25° 4 | 9°40 | 3°33 | 19°44 | 11°28 | 18° 3 | 24°40 | 16°23 | 9°29 | 10°39 | 12° 3 | 11°30 | S 7 |
| S 8 | 19 4 9 | 16°10'13 | 3♍10 | 27° 5 | 9° 4 | 4° 9 | 19°56 | 11°35 | 18° 1 | 24°41 | 16°24 | 9°30 | 10°36 | 12°10 | 11°33 | S 8 |
| M 9 | 19 8 5 | 17° 7'27 | 17°19 | 29° 5 | 8°30 | 4°45 | 20° 8 | 11°42 | 17°59 | 24°43 | 16°26 | 9°31 | 10°33 | 12°17 | 11°35 | M 9 |
| T 10 | 19 12 2 | 18° 4'41 | 1♎32 | 1♌ 2 | 7°57 | 5°21 | 20°20 | 11°49 | 17°57 | 24°45 | 16°27 | 9°32 | 10°30 | 12°23 | 11°37 | T 10 |
| W11 | 19 15 59 | 19° 1'55 | 15°46 | 2°58 | 7°25 | 5°57 | 20°32 | 11°57 | 17°55 | 24°47 | 16°29 | 9°R33 | 10°26 | 12°30 | 11°39 | W11 |
| T 12 | 19 19 55 | 19°59'08 | 29°58 | 4°51 | 6°54 | 6°33 | 20°44 | 12° 4 | 17°53 | 24°49 | 16°30 | 9°33 | 10°23 | 12°37 | 11°41 | T 12 |
| F 13 | 19 23 52 | 20°56'21 | 14♏ 8 | 6°43 | 6°26 | 7° 9 | 20°56 | 12°11 | 17°51 | 24°51 | 16°32 | 9°32 | 10°20 | 12°43 | 11°42 | F 13 |
| S 14 | 19 27 48 | 21°53'34 | 28°11 | 8°33 | 5°59 | 7°45 | 21° 8 | 12°19 | 17°49 | 24°53 | 16°33 | 9°30 | 10°17 | 12°50 | 11°44 | S 14 |
| S 15 | 19 31 45 | 22°50'47 | 12♐ 6 | 10°21 | 5°34 | 8°21 | 21°21 | 12°26 | 17°47 | 24°55 | 16°35 | 9°28 | 10°14 | 12°57 | 11°46 | S 15 |
| M16 | 19 35 41 | 23°47'59 | 25°50 | 12° 6 | 5°12 | 8°57 | 21°33 | 12°34 | 17°45 | 24°57 | 16°36 | 9°26 | 10°10 | 13° 4 | 11°48 | M16 |
| T 17 | 19 39 38 | 24°45'12 | 9♑20 | 13°50 | 4°51 | 9°33 | 21°45 | 12°41 | 17°43 | 24°59 | 16°38 | 9°24 | 10° 7 | 13°10 | 11°49 | T 17 |
| W18 | 19 43 34 | 25°42'25 | 22°35 | 15°32 | 4°33 | 10°10 | 21°58 | 12°49 | 17°41 | 25° 0 | 16°39 | 9°23 | 10° 4 | 13°17 | 11°51 | W18 |
| T 19 | 19 47 31 | 26°39'38 | 5♒34 | 17°11 | 4°18 | 10°46 | 22°10 | 12°56 | 17°38 | 25° 2 | 16°41 | 9°D22 | 10° 1 | 13°24 | 11°53 | T 19 |
| F 20 | 19 51 28 | 27°36'51 | 18°17 | 18°49 | 4° 4 | 11°22 | 22°23 | 13° 4 | 17°36 | 25° 4 | 16°42 | 9°22 | 9°58 | 13°30 | 11°54 | F 20 |
| S 21 | 19 55 24 | 28°34'04 | 0♓44 | 20°25 | 3°53 | 11°59 | 22°35 | 13°11 | 17°34 | 25° 7 | 16°44 | 9°23 | 9°55 | 13°37 | 11°56 | S 21 |
| S 22 | 19 59 21 | 29°31'18 | 12°58 | 21°58 | 3°45 | 12°35 | 22°48 | 13°19 | 17°32 | 25° 9 | 16°45 | 9°24 | 9°51 | 13°44 | 11°57 | S 22 |
| M23 | 20 3 17 | 0♌28'32 | 25° 1 | 23°30 | 3°39 | 13°12 | 23° 0 | 13°27 | 17°30 | 25°11 | 16°47 | 9°25 | 9°48 | 13°51 | 11°58 | M23 |
| T 24 | 20 7 14 | 1°25'47 | 6♈57 | 24°59 | 3°35 | 13°48 | 23°13 | 13°34 | 17°27 | 25°13 | 16°48 | 9°25 | 9°45 | 13°57 | 12° 0 | T 24 |
| W25 | 20 11 10 | 2°23'02 | 18°49 | 26°27 | 3°D34 | 14°25 | 23°26 | 13°42 | 17°25 | 25°15 | 16°50 | 9°26 | 9°42 | 14° 4 | 12° 1 | W25 |
| T 26 | 20 15 7 | 3°20'18 | 0♉43 | 27°52 | 3°35 | 15° 1 | 23°38 | 13°50 | 17°23 | 25°17 | 16°51 | 9°R26 | 9°39 | 14°11 | 12° 2 | T 26 |
| F 27 | 20 19 3 | 4°17'35 | 12°43 | 29°16 | 3°38 | 15°38 | 23°51 | 13°57 | 17°20 | 25°19 | 16°53 | 9°26 | 9°36 | 14°17 | 12° 3 | F 27 |
| S 28 | 20 23 0 | 5°14'52 | 24°52 | 0♍37 | 3°43 | 16°15 | 24° 4 | 14° 5 | 17°18 | 25°21 | 16°54 | 9°26 | 9°32 | 14°24 | 12° 5 | S 28 |
| S 29 | 20 26 57 | 6°12'11 | 7♊16 | 1°56 | 3°51 | 16°52 | 24°17 | 14°13 | 17°16 | 25°23 | 16°55 | 9°26 | 9°29 | 14°31 | 12° 6 | S 29 |
| M30 | 20 30 53 | 7° 9'30 | 19°59 | 3°13 | 4° 1 | 17°28 | 24°29 | 14°20 | 17°13 | 25°25 | 16°57 | 9°25 | 9°26 | 14°38 | 12° 7 | M30 |
| T 31 | 20 34 50 | 8♌ 6'50 | 3♋ 1 | 4♍27 | 4♋13 | 18♍ 5 | 24♌42 | 14♌28 | 17♒11 | 25♌27 | 16♋58 | 9♒25 | 9♒23 | 14♈44 | 12♉ 8 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 3 | 24n44 | 4n54 | 24n13 | 1n25 | 20n10 | 2s33 | 12n34 | 1n11 | 15n56 | 0n44 | 18n 8 | 0n39 | 16s 0 | 0s42 | 13n36 | 0n17 | 19n33 | 2s52 | 17s46 | 17s26 | 8n37 | 14n18 | 0s56 |
| M 2 | 22 59 | 26 32 | 4 24 | 24 6 | 1 31 | 20 0 | 2 47 | 12 21 | 1 11 | 15 52 | 0 44 | 18 6 | 0 39 | 16 1 | 0 42 | 13 35 | 0 17 | 19 33 | 2 52 | 17 47 | 17 27 | 8 40 | 14 19 | 0 56 |
| T 3 | 22 54 | 26 57 | 3 40 | 23 56 | 1 36 | 19 50 | 3 1 | 12 7 | 1 10 | 15 48 | 0 44 | 18 4 | 0 39 | 16 1 | 0 42 | 13 34 | 0 17 | 19 33 | 2 52 | 17 49 | 17 28 | 8 43 | 14 19 | 0 56 |
| W 4 | 22 49 | 25 52 | 2 44 | 23 44 | 1 41 | 19 40 | 3 14 | 11 54 | 1 9 | 15 45 | 0 44 | 18 2 | 0 39 | 16 2 | 0 42 | 13 34 | 0 17 | 19 33 | 2 52 | 17 50 | 17 29 | 8 46 | 14 20 | 0 56 |
| T 5 | 22 43 | 23 16 | 1 37 | 23 29 | 1 45 | 19 31 | 3 27 | 11 41 | 1 9 | 15 41 | 0 44 | 18 0 | 0 39 | 16 2 | 0 42 | 13 33 | 0 17 | 19 33 | 2 52 | 17 50 | 17 30 | 8 49 | 14 20 | 0 56 |
| F 6 | 22 37 | 19 18 | 0 23 | 23 12 | 1 48 | 19 21 | 3 39 | 11 27 | 1 8 | 15 37 | 0 44 | 17 58 | 0 39 | 16 3 | 0 42 | 13 33 | 0 17 | 19 33 | 2 52 | 17 50 | 17 31 | 8 52 | 14 21 | 0 56 |
| S 7 | 22 31 | 14 13 | 0s53 | 22 53 | 1 50 | 19 12 | 3 51 | 11 14 | 1 7 | 15 34 | 0 44 | 17 56 | 0 39 | 16 4 | 0 42 | 13 32 | 0 17 | 19 33 | 2 52 | 17 50 | 17 32 | 8 55 | 14 21 | 0 56 |
| S 8 | 22 25 | 8 21 | 2 7 | 22 31 | 1 52 | 19 3 | 4 2 | 11 0 | 1 7 | 15 30 | 0 44 | 17 54 | 0 40 | 16 4 | 0 42 | 13 32 | 0 17 | 19 33 | 2 51 | 17 50 | 17 32 | 8 58 | 14 22 | 0 56 |
| M 9 | 22 18 | 2 2 | 3 13 | 22 8 | 1 52 | 18 54 | 4 13 | 10 47 | 1 6 | 15 26 | 0 44 | 17 52 | 0 40 | 16 5 | 0 42 | 13 31 | 0 17 | 19 33 | 2 51 | 17 50 | 17 33 | 9 1 | 14 23 | 0 57 |
| T 10 | 22 10 | 4s24 | 4 8 | 21 43 | 1 52 | 18 46 | 4 24 | 10 33 | 1 6 | 15 22 | 0 44 | 17 50 | 0 40 | 16 5 | 0 42 | 13 30 | 0 17 | 19 32 | 2 51 | 17 49 | 17 34 | 9 4 | 14 23 | 0 57 |
| W11 | 22 2 | 10 37 | 4 48 | 21 16 | 1 52 | 18 38 | 4 33 | 10 19 | 1 5 | 15 19 | 0 44 | 17 48 | 0 40 | 16 6 | 0 42 | 13 30 | 0 17 | 19 32 | 2 51 | 17 49 | 17 35 | 9 7 | 14 23 | 0 57 |
| T 12 | 21 54 | 16 17 | 5 11 | 20 48 | 1 51 | 18 30 | 4 42 | 10 5 | 1 4 | 15 15 | 0 44 | 17 46 | 0 40 | 16 7 | 0 42 | 13 29 | 0 17 | 19 32 | 2 51 | 17 49 | 17 36 | 9 10 | 14 24 | 0 57 |
| F 13 | 21 46 | 21 2 | 5 14 | 20 18 | 1 49 | 18 23 | 4 51 | 9 51 | 1 4 | 15 11 | 0 44 | 17 44 | 0 40 | 16 7 | 0 42 | 13 28 | 0 17 | 19 32 | 2 51 | 17 50 | 17 37 | 9 13 | 14 24 | 0 57 |
| S 14 | 21 37 | 24 34 | 4 59 | 19 47 | 1 46 | 18 17 | 4 59 | 9 37 | 1 3 | 15 7 | 0 44 | 17 42 | 0 40 | 16 8 | 0 43 | 13 28 | 0 17 | 19 32 | 2 51 | 17 50 | 17 38 | 9 16 | 14 25 | 0 57 |
| S 15 | 21 27 | 26 35 | 4 26 | 19 16 | 1 43 | 18 11 | 5 6 | 9 23 | 1 2 | 15 3 | 0 44 | 17 40 | 0 40 | 16 9 | 0 43 | 13 27 | 0 17 | 19 32 | 2 51 | 17 51 | 17 38 | 9 19 | 14 25 | 0 57 |
| M16 | 21 18 | 26 57 | 3 38 | 18 43 | 1 39 | 18 5 | 5 12 | 9 9 | 1 2 | 14 59 | 0 44 | 17 38 | 0 40 | 16 9 | 0 43 | 13 27 | 0 17 | 19 32 | 2 51 | 17 51 | 17 39 | 9 22 | 14 26 | 0 58 |
| T 17 | 21 8 | 25 42 | 2 38 | 18 9 | 1 35 | 18 0 | 5 18 | 8 55 | 1 1 | 14 55 | 0 44 | 17 36 | 0 40 | 16 10 | 0 43 | 13 26 | 0 17 | 19 31 | 2 51 | 17 52 | 17 40 | 9 25 | 14 26 | 0 58 |
| W18 | 20 57 | 23 0 | 1 31 | 17 35 | 1 30 | 17 55 | 5 24 | 8 41 | 1 1 | 14 51 | 0 44 | 17 34 | 0 40 | 16 11 | 0 43 | 13 25 | 0 17 | 19 31 | 2 51 | 17 52 | 17 41 | 9 28 | 14 26 | 0 58 |
| T 19 | 20 47 | 19 11 | 0 21 | 16 59 | 1 24 | 17 51 | 5 29 | 8 26 | 1 0 | 14 47 | 0 44 | 17 32 | 0 40 | 16 11 | 0 43 | 13 25 | 0 17 | 19 31 | 2 51 | 17 52 | 17 42 | 9 31 | 14 27 | 0 58 |
| F 20 | 20 36 | 14 32 | 0n49 | 16 24 | 1 19 | 17 47 | 5 33 | 8 12 | 0 59 | 14 43 | 0 44 | 17 30 | 0 40 | 16 12 | 0 43 | 13 24 | 0 17 | 19 31 | 2 51 | 17 52 | 17 43 | 9 34 | 14 27 | 0 58 |
| S 21 | 20 24 | 9 23 | 1 56 | 15 48 | 1 12 | 17 44 | 5 36 | 7 58 | 0 59 | 14 39 | 0 44 | 17 28 | 0 40 | 16 13 | 0 43 | 13 23 | 0 17 | 19 31 | 2 51 | 17 52 | 17 44 | 9 37 | 14 27 | 0 58 |
| S 22 | 20 12 | 3 58 | 2 55 | 15 11 | 1 5 | 17 41 | 5 39 | 7 43 | 0 58 | 14 35 | 0 44 | 17 26 | 0 40 | 16 13 | 0 43 | 13 23 | 0 17 | 19 31 | 2 51 | 17 52 | 17 44 | 9 40 | 14 28 | 0 58 |
| M23 | 20 0 | 1n30 | 3 47 | 14 34 | 0 58 | 17 38 | 5 42 | 7 29 | 0 58 | 14 31 | 0 44 | 17 24 | 0 40 | 16 14 | 0 43 | 13 22 | 0 17 | 19 31 | 2 51 | 17 52 | 17 45 | 9 43 | 14 28 | 0 58 |
| T 24 | 19 48 | 6 51 | 4 27 | 13 57 | 0 50 | 17 37 | 5 44 | 7 14 | 0 57 | 14 27 | 0 44 | 17 22 | 0 40 | 16 15 | 0 43 | 13 21 | 0 17 | 19 31 | 2 51 | 17 51 | 17 46 | 9 46 | 14 28 | 0 59 |
| W25 | 19 35 | 11 56 | 4 57 | 13 20 | 0 42 | 17 35 | 5 45 | 6 59 | 0 56 | 14 23 | 0 44 | 17 19 | 0 41 | 16 15 | 0 43 | 13 20 | 0 17 | 19 30 | 2 51 | 17 51 | 17 47 | 9 49 | 14 29 | 0 59 |
| T 26 | 19 22 | 16 35 | 5 13 | 12 43 | 0 34 | 17 34 | 5 47 | 6 45 | 0 56 | 14 18 | 0 44 | 17 17 | 0 41 | 16 16 | 0 43 | 13 20 | 0 17 | 19 30 | 2 51 | 17 51 | 17 48 | 9 52 | 14 29 | 0 59 |
| F 27 | 19 9 | 20 38 | 5 16 | 12 6 | 0 25 | 17 33 | 5 47 | 6 30 | 0 55 | 14 14 | 0 44 | 17 15 | 0 41 | 16 17 | 0 43 | 13 19 | 0 17 | 19 30 | 2 51 | 17 51 | 17 49 | 9 55 | 14 29 | 0 59 |
| S 28 | 18 55 | 23 53 | 5 5 | 11 29 | 0 16 | 17 33 | 5 47 | 6 15 | 0 54 | 14 10 | 0 44 | 17 13 | 0 41 | 16 18 | 0 43 | 13 18 | 0 17 | 19 30 | 2 51 | 17 51 | 17 49 | 9 58 | 14 29 | 0 59 |
| S 29 | 18 41 | 26 5 | 4 40 | 10 52 | 0 6 | 17 33 | 5 47 | 6 0 | 0 54 | 14 6 | 0 44 | 17 11 | 0 41 | 16 18 | 0 43 | 13 18 | 0 17 | 19 30 | 2 51 | 17 51 | 17 50 | 10 1 | 14 29 | 0 59 |
| M30 | 18 27 | 27 1 | 4 1 | 10 15 | 0s 4 | 17 33 | 5 47 | 5 45 | 0 53 | 14 2 | 0 44 | 17 9 | 0 41 | 16 19 | 0 43 | 13 17 | 0 17 | 19 30 | 2 51 | 17 51 | 17 51 | 10 4 | 14 30 | 0 59 |
| T 31 | 18n12 | 26n29 | 3n 8 | 9n38 | 0s14 | 17n33 | 5s46 | 5n30 | 0n53 | 13n57 | 0n44 | 17n 7 | 0n41 | 16s20 | 0s43 | 13n16 | 0n17 | 19n30 | 2s50 | 17s51 | 17s52 | 10n 7 | 14n30 | 1s 0 |

Julian Day Number = 2604397.5, Delta T = 09m32s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'28, Lahiri = 29°42'30


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## AUGUST 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 38 46 | 9♌ 4'11 | 16♋25 | 5♍39 | 4♋27 | 18♍42 | 24♌55 | 14♌36 | 17°R 9 | 25♌30 | 17♋ 0 | 9°D25 | 9♒20 | 14♈51 | 12♉ 8 | W 1 |
| T 2 | 20 42 43 | 10° 1'32 | 0♌11 | 6°49 | 4°43 | 19°19 | 25° 8 | 14°43 | 17♒ 6 | 25°32 | 17° 1 | 9♒25 | 9°16 | 14°58 | 12° 9 | T 2 |
| F 3 | 20 46 39 | 10°58'55 | 14°16 | 7°57 | 5° 1 | 19°56 | 25°21 | 14°51 | 17° 4 | 25°34 | 17° 3 | 9°R25 | 9°13 | 15° 4 | 12°10 | F 3 |
| S 4 | 20 50 36 | 11°56'17 | 28°36 | 9° 1 | 5°20 | 20°33 | 25°34 | 14°59 | 17° 2 | 25°36 | 17° 4 | 9°25 | 9°10 | 15°11 | 12°11 | S 4 |
| S 5 | 20 54 32 | 12°53'41 | 13♍ 6 | 10° 3 | 5°42 | 21°10 | 25°47 | 15° 7 | 16°59 | 25°38 | 17° 5 | 9°25 | 9° 7 | 15°18 | 12°11 | S 5 |
| M 6 | 20 58 29 | 13°51'05 | 27°40 | 11° 3 | 6° 5 | 21°48 | 26° 0 | 15°14 | 16°57 | 25°40 | 17° 7 | 9°24 | 9° 4 | 15°25 | 12°12 | M 6 |
| T 7 | 21 2 26 | 14°48'29 | 12♎14 | 11°59 | 6°30 | 22°25 | 26°13 | 15°22 | 16°54 | 25°43 | 17° 8 | 9°24 | 9° 1 | 15°31 | 12°13 | T 7 |
| W 8 | 21 6 22 | 15°45'54 | 26°40 | 12°52 | 6°56 | 23° 2 | 26°26 | 15°30 | 16°52 | 25°45 | 17° 9 | 9°23 | 8°57 | 15°38 | 12°13 | W 8 |
| T 9 | 21 10 19 | 16°43'20 | 10♏57 | 13°43 | 7°24 | 23°39 | 26°39 | 15°38 | 16°50 | 25°47 | 17°11 | 9°D23 | 8°54 | 15°45 | 12°13 | T 9 |
| F 10 | 21 14 15 | 17°40'46 | 25° 1 | 14°30 | 7°53 | 24°17 | 26°52 | 15°45 | 16°47 | 25°49 | 17°12 | 9°23 | 8°51 | 15°51 | 12°14 | F 10 |
| S 11 | 21 18 12 | 18°38'13 | 8♐50 | 15°13 | 8°24 | 24°54 | 27° 5 | 15°53 | 16°45 | 25°51 | 17°13 | 9°23 | 8°48 | 15°58 | 12°14 | S 11 |
| S 12 | 21 22 8 | 19°35'40 | 22°25 | 15°53 | 8°57 | 25°31 | 27°18 | 16° 1 | 16°42 | 25°54 | 17°15 | 9°24 | 8°45 | 16° 5 | 12°14 | S 12 |
| M13 | 21 26 5 | 20°33'09 | 5♑45 | 16°29 | 9°30 | 26° 9 | 27°31 | 16° 9 | 16°40 | 25°56 | 17°16 | 9°25 | 8°42 | 16°12 | 12°15 | M13 |
| T 14 | 21 30 1 | 21°30'38 | 18°50 | 17° 1 | 10° 5 | 26°46 | 27°44 | 16°16 | 16°38 | 25°58 | 17°17 | 9°26 | 8°38 | 16°18 | 12°15 | T 14 |
| W15 | 21 33 58 | 22°28'07 | 1♒43 | 17°29 | 10°41 | 27°24 | 27°57 | 16°24 | 16°35 | 26° 0 | 17°19 | 9°27 | 8°35 | 16°25 | 12°15 | W15 |
| T 16 | 21 37 55 | 23°25'38 | 14°22 | 17°52 | 11°18 | 28° 1 | 28°10 | 16°32 | 16°33 | 26° 2 | 17°20 | 9°R27 | 8°32 | 16°32 | 12°R15 | T 16 |
| F 17 | 21 41 51 | 24°23'10 | 26°49 | 18°11 | 11°57 | 28°39 | 28°23 | 16°39 | 16°31 | 26° 5 | 17°21 | 9°26 | 8°29 | 16°38 | 12°15 | F 17 |
| S 18 | 21 45 48 | 25°20'42 | 9♓ 6 | 18°25 | 12°37 | 29°17 | 28°36 | 16°47 | 16°28 | 26° 7 | 17°22 | 9°25 | 8°26 | 16°45 | 12°15 | S 18 |
| S 19 | 21 49 44 | 26°18'16 | 21°13 | 18°33 | 13°17 | 29°54 | 28°50 | 16°55 | 16°26 | 26° 9 | 17°24 | 9°22 | 8°22 | 16°52 | 12°15 | S 19 |
| M20 | 21 53 41 | 27°15'52 | 3♈12 | 18°R37 | 13°59 | 0♎32 | 29° 3 | 17° 2 | 16°23 | 26°11 | 17°25 | 9°20 | 8°19 | 16°58 | 12°14 | M20 |
| T 21 | 21 57 37 | 28°13'28 | 15° 6 | 18°35 | 14°42 | 1°10 | 29°16 | 17°10 | 16°21 | 26°14 | 17°26 | 9°17 | 8°16 | 17° 5 | 12°14 | T 21 |
| W22 | 22 1 34 | 29°11'06 | 26°58 | 18°28 | 15°26 | 1°48 | 29°29 | 17°18 | 16°19 | 26°16 | 17°27 | 9°14 | 8°13 | 17°12 | 12°14 | W22 |
| T 23 | 22 5 30 | 0♍ 8'45 | 8♉51 | 18°15 | 16°10 | 2°26 | 29°42 | 17°25 | 16°16 | 26°18 | 17°28 | 9°12 | 8°10 | 17°19 | 12°13 | T 23 |
| F 24 | 22 9 27 | 1° 6'26 | 20°49 | 17°57 | 16°56 | 3° 4 | 29°55 | 17°33 | 16°14 | 26°20 | 17°29 | 9°11 | 8° 7 | 17°25 | 12°13 | F 24 |
| S 25 | 22 13 24 | 2° 4'09 | 2♊57 | 17°33 | 17°42 | 3°42 | 0♍ 8 | 17°41 | 16°12 | 26°22 | 17°31 | 9°D10 | 8° 3 | 17°32 | 12°13 | S 25 |
| S 26 | 22 17 20 | 3° 1'53 | 15°18 | 17° 4 | 18°29 | 4°20 | 0°21 | 17°48 | 16°10 | 26°25 | 17°32 | 9°11 | 8° 0 | 17°39 | 12°12 | S 26 |
| M27 | 22 21 17 | 3°59'38 | 27°58 | 16°29 | 19°17 | 4°58 | 0°35 | 17°56 | 16° 7 | 26°27 | 17°33 | 9°12 | 7°57 | 17°45 | 12°11 | M27 |
| T 28 | 22 25 13 | 4°57'26 | 11♋ 1 | 15°49 | 20° 6 | 5°36 | 0°48 | 18° 3 | 16° 5 | 26°29 | 17°34 | 9°13 | 7°54 | 17°52 | 12°11 | T 28 |
| W29 | 22 29 10 | 5°55'15 | 24°28 | 15° 5 | 20°56 | 6°14 | 1° 1 | 18°11 | 16° 3 | 26°31 | 17°35 | 9°15 | 7°51 | 17°59 | 12°10 | W29 |
| T 30 | 22 33 6 | 6°53'05 | 8♌21 | 14°18 | 21°46 | 6°52 | 1°14 | 18°18 | 16° 1 | 26°33 | 17°36 | 9°R15 | 7°48 | 18° 6 | 12° 9 | T 30 |
| F 31 | 22 37 3 | 7♍50'57 | 22♌39 | 13♍27 | 22♋37 | 7♎31 | 1♍27 | 18♌26 | 15♒59 | 26♌36 | 17♋37 | 9♒15 | 7♒44 | 18♈12 | 12♉ 8 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| W 1 | 17n57 | 24n26 | 2n 4 | 9n 2 | 0s24 | 17n34 | 5s45 | 5n15 | 0n52 | 13n53 | 0n44 | 17n 4 | 0n41 | 16s21 | 0s43 | 13n16 | 0n17 | 19n29 | 2s50 | 17s51 | 17s53 | 10n 9 | 14n30 | 1s | 0 |
| T 2 | 17 42 | 20 54 | 0 51 | 8 27 | 0 35 | 17 35 | 5 43 | 5 0 | 0 51 | 13 49 | 0 44 | 17 2 | 0 41 | 16 21 | 0 43 | 13 15 | 0 17 | 19 29 | 2 50 | 17 51 | 17 54 | 10 12 | 14 30 | 1 | 0 |
| F 3 | 17 26 | 16 5 | 0s27 | 7 52 | 0 46 | 17 36 | 5 41 | 4 45 | 0 51 | 13 45 | 0 45 | 17 0 | 0 41 | 16 22 | 0 43 | 13 14 | 0 17 | 19 29 | 2 50 | 17 51 | 17 55 | 10 15 | 14 30 | 1 | 0 |
| S 4 | 17 10 | 10 18 | 1 44 | 7 17 | 0 57 | 17 38 | 5 39 | 4 30 | 0 50 | 13 40 | 0 45 | 16 58 | 0 41 | 16 23 | 0 43 | 13 13 | 0 17 | 19 29 | 2 50 | 17 51 | 17 55 | 10 18 | 14 30 | 1 | 0 |
| S 5 | 16 54 | 3 55 | 2 56 | 6 44 | 1 8 | 17 39 | 5 37 | 4 15 | 0 50 | 13 36 | 0 45 | 16 56 | 0 41 | 16 23 | 0 43 | 13 13 | 0 17 | 19 29 | 2 50 | 17 52 | 17 56 | 10 21 | 14 30 | 1 | 0 |
| M 6 | 16 38 | 2s42 | 3 57 | 6 11 | 1 20 | 17 41 | 5 34 | 4 0 | 0 49 | 13 32 | 0 45 | 16 53 | 0 41 | 16 24 | 0 43 | 13 12 | 0 17 | 19 29 | 2 50 | 17 52 | 17 57 | 10 24 | 14 30 | 1 | 0 |
| T 7 | 16 21 | 9 9 | 4 42 | 5 39 | 1 31 | 17 43 | 5 31 | 3 45 | 0 48 | 13 27 | 0 45 | 16 51 | 0 42 | 16 25 | 0 43 | 13 11 | 0 17 | 19 29 | 2 50 | 17 52 | 17 58 | 10 27 | 14 30 | 1 | 1 |
| W 8 | 16 5 | 15 4 | 5 9 | 5 7 | 1 43 | 17 44 | 5 28 | 3 30 | 0 48 | 13 23 | 0 45 | 16 49 | 0 42 | 16 26 | 0 43 | 13 11 | 0 17 | 19 28 | 2 50 | 17 52 | 17 59 | 10 30 | 14 30 | 1 | 1 |
| T 9 | 15 47 | 20 5 | 5 17 | 4 37 | 1 55 | 17 46 | 5 25 | 3 14 | 0 47 | 13 18 | 0 45 | 16 47 | 0 42 | 16 26 | 0 43 | 13 10 | 0 17 | 19 28 | 2 50 | 17 52 | 18 0 | 10 33 | 14 30 | 1 | 1 |
| F 10 | 15 30 | 23 54 | 5 5 | 4 8 | 2 7 | 17 48 | 5 22 | 2 59 | 0 47 | 13 14 | 0 45 | 16 45 | 0 42 | 16 27 | 0 43 | 13 9 | 0 17 | 19 28 | 2 50 | 17 52 | 18 0 | 10 36 | 14 30 | 1 | 1 |
| S 11 | 15 12 | 26 16 | 4 36 | 3 41 | 2 19 | 17 50 | 5 18 | 2 44 | 0 46 | 13 10 | 0 45 | 16 42 | 0 42 | 16 28 | 0 43 | 13 8 | 0 17 | 19 28 | 2 50 | 17 52 | 18 1 | 10 39 | 14 30 | 1 | 1 |
| S 12 | 14 55 | 27 2 | 3 52 | 3 14 | 2 31 | 17 52 | 5 14 | 2 28 | 0 45 | 13 5 | 0 45 | 16 40 | 0 42 | 16 29 | 0 43 | 13 8 | 0 17 | 19 28 | 2 50 | 17 52 | 18 2 | 10 42 | 14 30 | 1 | 1 |
| M13 | 14 36 | 26 11 | 2 56 | 2 50 | 2 43 | 17 53 | 5 10 | 2 13 | 0 45 | 13 1 | 0 45 | 16 38 | 0 42 | 16 29 | 0 43 | 13 7 | 0 17 | 19 28 | 2 50 | 17 51 | 18 3 | 10 45 | 14 30 | 1 | 1 |
| T 14 | 14 18 | 23 54 | 1 52 | 2 26 | 2 54 | 17 55 | 5 6 | 1 57 | 0 44 | 12 56 | 0 45 | 16 36 | 0 42 | 16 30 | 0 43 | 13 6 | 0 17 | 19 28 | 2 50 | 17 51 | 18 4 | 10 47 | 14 30 | 1 | 2 |
| W15 | 14 0 | 20 26 | 0 43 | 2 5 | 3 6 | 17 57 | 5 2 | 1 42 | 0 44 | 12 52 | 0 45 | 16 33 | 0 42 | 16 31 | 0 43 | 13 5 | 0 17 | 19 27 | 2 50 | 17 51 | 18 5 | 10 50 | 14 30 | 1 | 2 |
| T 16 | 13 41 | 16 3 | 0n27 | 1 46 | 3 17 | 17 58 | 4 57 | 1 27 | 0 43 | 12 47 | 0 45 | 16 31 | 0 42 | 16 31 | 0 43 | 13 5 | 0 17 | 19 27 | 2 50 | 17 51 | 18 5 | 10 53 | 14 30 | 1 | 2 |
| F 17 | 13 22 | 11 4 | 1 35 | 1 28 | 3 28 | 17 59 | 4 53 | 1 11 | 0 42 | 12 43 | 0 45 | 16 29 | 0 42 | 16 32 | 0 43 | 13 4 | 0 17 | 19 27 | 2 50 | 17 51 | 18 6 | 10 56 | 14 30 | 1 | 2 |
| S 18 | 13 3 | 5 43 | 2 36 | 1 13 | 3 39 | 18 0 | 4 48 | 0 56 | 0 42 | 12 38 | 0 45 | 16 27 | 0 42 | 16 33 | 0 43 | 13 3 | 0 17 | 19 27 | 2 50 | 17 52 | 18 7 | 10 59 | 14 29 | 1 | 2 |
| S 19 | 12 43 | 0 15 | 3 30 | 1 0 | 3 49 | 18 1 | 4 43 | 0 40 | 0 41 | 12 34 | 0 45 | 16 25 | 0 43 | 16 34 | 0 43 | 13 2 | 0 17 | 19 27 | 2 50 | 17 52 | 18 8 | 11 2 | 14 29 | 1 | 2 |
| M20 | 12 24 | 5n10 | 4 14 | 0 50 | 3 59 | 18 2 | 4 39 | 0 25 | 0 41 | 12 29 | 0 45 | 16 22 | 0 43 | 16 34 | 0 43 | 13 2 | 0 17 | 19 27 | 2 50 | 17 53 | 18 9 | 11 5 | 14 29 | 1 | 2 |
| T 21 | 12 4 | 10 21 | 4 47 | 0 42 | 4 8 | 18 3 | 4 34 | 0 9 | 0 40 | 12 25 | 0 45 | 16 20 | 0 43 | 16 35 | 0 43 | 13 1 | 0 17 | 19 27 | 2 50 | 17 54 | 18 9 | 11 8 | 14 29 | 1 | 3 |
| W22 | 11 44 | 15 9 | 5 7 | 0 37 | 4 16 | 18 3 | 4 29 | 0s 7 | 0 39 | 12 20 | 0 45 | 16 18 | 0 43 | 16 36 | 0 43 | 13 0 | 0 17 | 19 26 | 2 50 | 17 54 | 18 10 | 11 11 | 14 29 | 1 | 3 |
| T 23 | 11 24 | 19 23 | 5 14 | 0 35 | 4 24 | 18 3 | 4 24 | 0 22 | 0 39 | 12 16 | 0 46 | 16 16 | 0 43 | 16 36 | 0 43 | 12 59 | 0 17 | 19 26 | 2 50 | 17 55 | 18 11 | 11 13 | 14 28 | 1 | 3 |
| F 24 | 11 3 | 22 52 | 5 8 | 0 37 | 4 30 | 18 3 | 4 18 | 0 38 | 0 38 | 12 11 | 0 46 | 16 13 | 0 43 | 16 37 | 0 43 | 12 59 | 0 17 | 19 26 | 2 50 | 17 55 | 18 12 | 11 16 | 14 28 | 1 | 3 |
| S 25 | 10 43 | 25 24 | 4 48 | 0 41 | 4 35 | 18 2 | 4 13 | 0 53 | 0 38 | 12 7 | 0 46 | 16 11 | 0 43 | 16 38 | 0 43 | 12 58 | 0 17 | 19 26 | 2 50 | 17 55 | 18 13 | 11 19 | 14 28 | 1 | 3 |
| S 26 | 10 22 | 26 47 | 4 14 | 0 49 | 4 39 | 18 1 | 4 8 | 1 9 | 0 37 | 12 2 | 0 46 | 16 9 | 0 43 | 16 38 | 0 43 | 12 57 | 0 17 | 19 26 | 2 50 | 17 55 | 18 14 | 11 22 | 14 27 | 1 | 3 |
| M27 | 10 1 | 26 50 | 3 28 | 1 0 | 4 41 | 18 0 | 4 3 | 1 25 | 0 36 | 11 58 | 0 46 | 16 7 | 0 43 | 16 39 | 0 43 | 12 56 | 0 17 | 19 26 | 2 50 | 17 55 | 18 14 | 11 25 | 14 27 | 1 | 4 |
| T 28 | 9 40 | 25 24 | 2 29 | 1 14 | 4 42 | 17 59 | 3 57 | 1 40 | 0 36 | 11 53 | 0 46 | 16 5 | 0 43 | 16 40 | 0 43 | 12 56 | 0 17 | 19 26 | 2 50 | 17 54 | 18 15 | 11 28 | 14 27 | 1 | 4 |
| W29 | 9 19 | 22 30 | 1 20 | 1 32 | 4 42 | 17 57 | 3 52 | 1 56 | 0 35 | 11 48 | 0 46 | 16 2 | 0 44 | 16 40 | 0 43 | 12 55 | 0 17 | 19 25 | 2 50 | 17 54 | 18 16 | 11 31 | 14 26 | 1 | 4 |
| T 30 | 8 58 | 18 13 | 0 5 | 1 53 | 4 39 | 17 54 | 3 46 | 2 11 | 0 35 | 11 44 | 0 46 | 16 0 | 0 44 | 16 41 | 0 43 | 12 54 | 0 17 | 19 25 | 2 50 | 17 54 | 18 17 | 11 34 | 14 26 | 1 | 4 |
| F 31 | 8n36 | 12n47 | 1s13 | 2n16 | 4s34 | 17n52 | 3s41 | 2s27 | 0n34 | 11n39 | 0n46 | 15n58 | 0n44 | 16s42 | 0s43 | 12n54 | 0n17 | 19n25 | 2s50 | 17s54 | 18s18 | 11n36 | 14n26 | 1s | 4 |

Julian Day Number = 2604428.5, Delta T = 09m32s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'33, Lahiri = 29°42'34


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## SEPTEMBER 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 40 59 | 8♍48'51 | 7♍18 | 12°R33 | 23♋29 | 8♎ 9 | 1♍40 | 18♌33 | 15°R56 | 26♌38 | 17♋38 | 9°R13 | 7♒41 | 18♈19 | 12°R 8 | S 1 |
| S 2 | 22 44 56 | 9°46'46 | 22°12 | 11♍39 | 24°21 | 8°47 | 1°53 | 18°41 | 15♒54 | 26°40 | 17°39 | 9♒10 | 7°38 | 18°26 | 12♉ 7 | S 2 |
| M 3 | 22 48 53 | 10°44'42 | 7♎12 | 10°44 | 25°14 | 9°26 | 2° 6 | 18°48 | 15°52 | 26°42 | 17°40 | 9° 5 | 7°35 | 18°32 | 12° 6 | M 3 |
| T 4 | 22 52 49 | 11°42'40 | 22° 9 | 9°51 | 26° 7 | 10° 4 | 2°19 | 18°55 | 15°50 | 26°44 | 17°41 | 9° 1 | 7°32 | 18°39 | 12° 5 | T 4 |
| W 5 | 22 56 46 | 12°40'39 | 6♏56 | 8°59 | 27° 1 | 10°43 | 2°32 | 19° 3 | 15°48 | 26°47 | 17°42 | 8°57 | 7°28 | 18°46 | 12° 3 | W 5 |
| T 6 | 23 0 42 | 13°38'39 | 21°25 | 8°11 | 27°56 | 11°21 | 2°45 | 19°10 | 15°46 | 26°49 | 17°43 | 8°53 | 7°25 | 18°53 | 12° 2 | T 6 |
| F 7 | 23 4 39 | 14°36'41 | 5♐34 | 7°27 | 28°51 | 12° 0 | 2°58 | 19°17 | 15°44 | 26°51 | 17°44 | 8°52 | 7°22 | 18°59 | 12° 1 | F 7 |
| S 8 | 23 8 35 | 15°34'44 | 19°20 | 6°48 | 29°47 | 12°39 | 3°11 | 19°24 | 15°42 | 26°53 | 17°45 | 8°D51 | 7°19 | 19° 6 | 12° 0 | S 8 |
| S 9 | 23 12 32 | 16°32'49 | 2♑44 | 6°16 | 0♌43 | 13°17 | 3°24 | 19°32 | 15°40 | 26°55 | 17°46 | 8°52 | 7°16 | 19°13 | 11°59 | S 9 |
| M10 | 23 16 28 | 17°30'54 | 15°49 | 5°50 | 1°40 | 13°56 | 3°37 | 19°39 | 15°38 | 26°57 | 17°47 | 8°54 | 7°13 | 19°20 | 11°57 | M10 |
| T 11 | 23 20 25 | 18°29'02 | 28°37 | 5°33 | 2°37 | 14°35 | 3°50 | 19°46 | 15°36 | 26°59 | 17°47 | 8°55 | 7° 9 | 19°26 | 11°56 | T 11 |
| W12 | 23 24 22 | 19°27'10 | 11♒11 | 5°23 | 3°34 | 15°14 | 4° 3 | 19°53 | 15°34 | 27° 1 | 17°48 | 8°R55 | 7° 6 | 19°33 | 11°54 | W12 |
| T 13 | 23 28 18 | 20°25'20 | 23°33 | 5°D22 | 4°33 | 15°53 | 4°16 | 20° 0 | 15°32 | 27° 3 | 17°49 | 8°54 | 7° 3 | 19°40 | 11°53 | T 13 |
| F 14 | 23 32 15 | 21°23'32 | 5♓46 | 5°30 | 5°31 | 16°32 | 4°29 | 20° 7 | 15°31 | 27° 6 | 17°50 | 8°51 | 7° 0 | 19°46 | 11°51 | F 14 |
| S 15 | 23 36 11 | 22°21'45 | 17°51 | 5°47 | 6°30 | 17°10 | 4°41 | 20°14 | 15°29 | 27° 8 | 17°51 | 8°46 | 6°57 | 19°53 | 11°50 | S 15 |
| S 16 | 23 40 8 | 23°20'00 | 29°51 | 6°13 | 7°29 | 17°50 | 4°54 | 20°21 | 15°27 | 27°10 | 17°51 | 8°39 | 6°53 | 20° 0 | 11°48 | S 16 |
| M17 | 23 44 4 | 24°18'16 | 11♈46 | 6°47 | 8°29 | 18°29 | 5° 7 | 20°28 | 15°25 | 27°12 | 17°52 | 8°31 | 6°50 | 20° 7 | 11°46 | M17 |
| T 18 | 23 48 1 | 25°16'35 | 23°38 | 7°30 | 9°29 | 19° 8 | 5°20 | 20°35 | 15°24 | 27°14 | 17°53 | 8°22 | 6°47 | 20°13 | 11°44 | T 18 |
| W19 | 23 51 57 | 26°14'56 | 5♉30 | 8°21 | 10°30 | 19°47 | 5°32 | 20°42 | 15°22 | 27°16 | 17°54 | 8°13 | 6°44 | 20°20 | 11°43 | W19 |
| T 20 | 23 55 54 | 27°13'18 | 17°23 | 9°19 | 11°31 | 20°26 | 5°45 | 20°48 | 15°21 | 27°18 | 17°54 | 8° 6 | 6°41 | 20°27 | 11°41 | T 20 |
| F 21 | 23 59 51 | 28°11'43 | 29°21 | 10°25 | 12°32 | 21° 5 | 5°58 | 20°55 | 15°19 | 27°20 | 17°55 | 8° 0 | 6°38 | 20°33 | 11°39 | F 21 |
| S 22 | 0 3 47 | 29°10'09 | 11♊27 | 11°37 | 13°34 | 21°45 | 6°10 | 21° 2 | 15°17 | 27°22 | 17°55 | 7°56 | 6°34 | 20°40 | 11°37 | S 22 |
| S 23 | 0 7 44 | 0♎ 8'38 | 23°45 | 12°56 | 14°36 | 22°24 | 6°23 | 21° 8 | 15°16 | 27°24 | 17°56 | 7°54 | 6°31 | 20°47 | 11°35 | S 23 |
| M24 | 0 11 40 | 1° 7'09 | 6♋20 | 14°19 | 15°38 | 23° 3 | 6°35 | 21°15 | 15°15 | 27°26 | 17°57 | 7°D54 | 6°28 | 20°54 | 11°33 | M24 |
| T 25 | 0 15 37 | 2° 5'42 | 19°17 | 15°48 | 16°41 | 23°43 | 6°48 | 21°21 | 15°13 | 27°27 | 17°57 | 7°55 | 6°25 | 21° 0 | 11°31 | T 25 |
| W26 | 0 19 33 | 3° 4'18 | 2♌38 | 17°21 | 17°44 | 24°22 | 7° 0 | 21°28 | 15°12 | 27°29 | 17°58 | 7°R56 | 6°22 | 21° 7 | 11°29 | W26 |
| T 27 | 0 23 30 | 4° 2'55 | 16°28 | 18°57 | 18°47 | 25° 2 | 7°12 | 21°34 | 15°10 | 27°31 | 17°58 | 7°55 | 6°19 | 21°14 | 11°27 | T 27 |
| F 28 | 0 27 26 | 5° 1'35 | 0♍47 | 20°37 | 19°51 | 25°42 | 7°25 | 21°41 | 15° 9 | 27°33 | 17°59 | 7°53 | 6°15 | 21°20 | 11°24 | F 28 |
| S 29 | 0 31 23 | 6° 0'16 | 15°31 | 22°19 | 20°55 | 26°21 | 7°37 | 21°47 | 15° 8 | 27°35 | 17°59 | 7°49 | 6°12 | 21°27 | 11°22 | S 29 |
| S 30 | 0 35 19 | 6♎59'00 | 0♎36 | 24♍ 3 | 21♌59 | 27♎ 1 | 7♍49 | 21♌53 | 15♒ 7 | 27♌37 | 18♋ 0 | 7♒42 | 6♒ 9 | 21♈34 | 11♉20 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 8n15 | 6n32 | 2s27 | 2n42 | 4s28 | 17n49 | 3s35 | 2s43 | 0n34 | 11n35 | 0n46 | 15n56 | 0n44 | 16s42 | 0s43 | 12n53 | 0n17 | 19n25 | 2s50 | 17s55 | 18s18 | 11n39 | 14n25 | 1s 4 | S 1 |
| S 2 | 7 53 | 0s11 | 3 33 | 3 10 | 4 20 | 17 46 | 3 29 | 2 58 | 0 33 | 11 30 | 0 46 | 15 54 | 0 44 | 16 43 | 0 43 | 12 52 | 0 17 | 19 25 | 2 50 | 17 56 | 18 19 | 11 42 | 14 25 | 1 4 | S 2 |
| M 3 | 7 31 | 6 54 | 4 25 | 3 40 | 4 10 | 17 42 | 3 24 | 3 14 | 0 32 | 11 25 | 0 46 | 15 51 | 0 44 | 16 43 | 0 43 | 12 51 | 0 17 | 19 25 | 2 50 | 17 57 | 18 20 | 11 45 | 14 24 | 1 5 | M 3 |
| T 4 | 7 9 | 13 13 | 4 58 | 4 11 | 3 58 | 17 38 | 3 18 | 3 30 | 0 32 | 11 21 | 0 46 | 15 49 | 0 44 | 16 44 | 0 43 | 12 51 | 0 17 | 19 25 | 2 50 | 17 58 | 18 21 | 11 48 | 14 24 | 1 5 | T 4 |
| W 5 | 6 47 | 18 42 | 5 11 | 4 43 | 3 44 | 17 33 | 3 13 | 3 45 | 0 31 | 11 16 | 0 47 | 15 47 | 0 44 | 16 45 | 0 43 | 12 50 | 0 17 | 19 25 | 2 50 | 17 59 | 18 22 | 11 51 | 14 23 | 1 5 | W 5 |
| T 6 | 6 25 | 22 58 | 5 4 | 5 15 | 3 29 | 17 29 | 3 7 | 4 1 | 0 31 | 11 12 | 0 47 | 15 45 | 0 44 | 16 45 | 0 43 | 12 49 | 0 17 | 19 24 | 2 50 | 18 0 | 18 23 | 11 53 | 14 23 | 1 5 | T 6 |
| F 7 | 6 3 | 25 45 | 4 39 | 5 47 | 3 13 | 17 23 | 3 1 | 4 16 | 0 30 | 11 7 | 0 47 | 15 43 | 0 45 | 16 46 | 0 43 | 12 48 | 0 17 | 19 24 | 2 50 | 18 0 | 18 23 | 11 56 | 14 23 | 1 5 | F 7 |
| S 8 | 5 40 | 26 54 | 3 57 | 6 17 | 2 55 | 17 18 | 2 55 | 4 32 | 0 29 | 11 2 | 0 47 | 15 40 | 0 45 | 16 46 | 0 43 | 12 48 | 0 17 | 19 24 | 2 50 | 18 0 | 18 24 | 11 59 | 14 22 | 1 5 | S 8 |
| S 9 | 5 18 | 26 25 | 3 4 | 6 46 | 2 37 | 17 11 | 2 50 | 4 48 | 0 29 | 10 58 | 0 47 | 15 38 | 0 45 | 16 47 | 0 43 | 12 47 | 0 17 | 19 24 | 2 50 | 18 0 | 18 25 | 12 2 | 14 21 | 1 5 | S 9 |
| M10 | 4 55 | 24 29 | 2 2 | 7 13 | 2 18 | 17 5 | 2 44 | 5 3 | 0 28 | 10 53 | 0 47 | 15 36 | 0 45 | 16 48 | 0 43 | 12 46 | 0 17 | 19 24 | 2 50 | 18 0 | 18 26 | 12 5 | 14 21 | 1 6 | M10 |
| T 11 | 4 33 | 21 18 | 0 56 | 7 37 | 1 59 | 16 58 | 2 38 | 5 19 | 0 28 | 10 49 | 0 47 | 15 34 | 0 45 | 16 48 | 0 43 | 12 46 | 0 17 | 19 24 | 2 50 | 17 59 | 18 27 | 12 7 | 14 20 | 1 6 | T 11 |
| W12 | 4 10 | 17 11 | 0n12 | 7 58 | 1 40 | 16 50 | 2 33 | 5 34 | 0 27 | 10 44 | 0 47 | 15 32 | 0 45 | 16 49 | 0 43 | 12 45 | 0 17 | 19 24 | 2 50 | 17 59 | 18 27 | 12 10 | 14 20 | 1 6 | W12 |
| T 13 | 3 47 | 12 24 | 1 18 | 8 16 | 1 21 | 16 42 | 2 27 | 5 50 | 0 26 | 10 40 | 0 47 | 15 30 | 0 45 | 16 49 | 0 43 | 12 44 | 0 17 | 19 24 | 2 50 | 18 0 | 18 28 | 12 13 | 14 19 | 1 6 | T 13 |
| F 14 | 3 24 | 7 12 | 2 20 | 8 31 | 1 2 | 16 34 | 2 21 | 6 5 | 0 26 | 10 35 | 0 47 | 15 28 | 0 45 | 16 50 | 0 43 | 12 43 | 0 17 | 19 24 | 2 50 | 18 0 | 18 29 | 12 16 | 14 19 | 1 6 | F 14 |
| S 15 | 3 1 | 1 48 | 3 15 | 8 42 | 0 44 | 16 25 | 2 16 | 6 21 | 0 25 | 10 30 | 0 47 | 15 26 | 0 46 | 16 50 | 0 43 | 12 43 | 0 17 | 19 23 | 2 50 | 18 2 | 18 30 | 12 19 | 14 18 | 1 6 | S 15 |
| S 16 | 2 38 | 3n36 | 4 0 | 8 49 | 0 26 | 16 16 | 2 10 | 6 36 | 0 25 | 10 26 | 0 48 | 15 24 | 0 46 | 16 51 | 0 43 | 12 42 | 0 17 | 19 23 | 2 50 | 18 3 | 18 31 | 12 22 | 14 17 | 1 6 | S 16 |
| M17 | 2 15 | 8 51 | 4 34 | 8 52 | 0 9 | 16 6 | 2 4 | 6 51 | 0 24 | 10 21 | 0 48 | 15 22 | 0 46 | 16 51 | 0 43 | 12 41 | 0 17 | 19 23 | 2 50 | 18 6 | 18 31 | 12 24 | 14 17 | 1 6 | M17 |
| T 18 | 1 52 | 13 45 | 4 57 | 8 50 | 0n 7 | 15 56 | 1 59 | 7 7 | 0 23 | 10 17 | 0 48 | 15 19 | 0 46 | 16 52 | 0 43 | 12 41 | 0 17 | 19 23 | 2 50 | 18 8 | 18 32 | 12 27 | 14 16 | 1 7 | T 18 |
| W19 | 1 29 | 18 8 | 5 6 | 8 45 | 0 22 | 15 45 | 1 53 | 7 22 | 0 23 | 10 12 | 0 48 | 15 17 | 0 46 | 16 52 | 0 42 | 12 40 | 0 17 | 19 23 | 2 50 | 18 10 | 18 33 | 12 30 | 14 15 | 1 7 | W19 |
| T 20 | 1 6 | 21 49 | 5 3 | 8 36 | 0 35 | 15 34 | 1 47 | 7 37 | 0 22 | 10 8 | 0 48 | 15 15 | 0 46 | 16 53 | 0 42 | 12 39 | 0 17 | 19 23 | 2 50 | 18 12 | 18 34 | 12 33 | 14 15 | 1 7 | T 20 |
| F 21 | 0 43 | 24 37 | 4 46 | 8 23 | 0 48 | 15 23 | 1 42 | 7 53 | 0 22 | 10 3 | 0 48 | 15 13 | 0 46 | 16 53 | 0 42 | 12 39 | 0 17 | 19 23 | 2 50 | 18 14 | 18 35 | 12 35 | 14 14 | 1 7 | F 21 |
| S 22 | 0 20 | 26 20 | 4 16 | 8 6 | 0 59 | 15 11 | 1 36 | 8 8 | 0 21 | 9 59 | 0 48 | 15 11 | 0 46 | 16 53 | 0 42 | 12 38 | 0 17 | 19 23 | 2 50 | 18 15 | 18 35 | 12 38 | 14 13 | 1 7 | S 22 |
| S 23 | 0s 3 | 26 48 | 3 34 | 7 46 | 1 10 | 14 58 | 1 31 | 8 23 | 0 20 | 9 54 | 0 48 | 15 9 | 0 47 | 16 54 | 0 42 | 12 37 | 0 17 | 19 23 | 2 50 | 18 15 | 18 36 | 12 41 | 14 12 | 1 7 | S 23 |
| M24 | 0 27 | 25 55 | 2 41 | 7 22 | 1 19 | 14 45 | 1 25 | 8 38 | 0 20 | 9 49 | 0 48 | 15 7 | 0 47 | 16 54 | 0 42 | 12 37 | 0 17 | 19 23 | 2 50 | 18 15 | 18 37 | 12 44 | 14 12 | 1 7 | M24 |
| T 25 | 0 50 | 23 38 | 1 38 | 6 55 | 1 27 | 14 32 | 1 20 | 8 53 | 0 19 | 9 45 | 0 48 | 15 5 | 0 47 | 16 55 | 0 42 | 12 36 | 0 17 | 19 23 | 2 50 | 18 15 | 18 38 | 12 46 | 14 11 | 1 8 | T 25 |
| W26 | 1 13 | 19 59 | 0 28 | 6 25 | 1 33 | 14 18 | 1 15 | 9 8 | 0 19 | 9 40 | 0 49 | 15 3 | 0 47 | 16 55 | 0 42 | 12 36 | 0 18 | 19 22 | 2 50 | 18 15 | 18 38 | 12 49 | 14 10 | 1 8 | W26 |
| T 27 | 1 36 | 15 8 | 0s46 | 5 53 | 1 39 | 14 4 | 1 9 | 9 23 | 0 18 | 9 36 | 0 49 | 15 2 | 0 47 | 16 55 | 0 42 | 12 35 | 0 18 | 19 22 | 2 50 | 18 15 | 18 39 | 12 52 | 14 9 | 1 8 | T 27 |
| F 28 | 2 0 | 9 19 | 1 59 | 5 18 | 1 43 | 13 49 | 1 4 | 9 38 | 0 17 | 9 32 | 0 49 | 15 0 | 0 47 | 16 56 | 0 42 | 12 34 | 0 18 | 19 22 | 2 50 | 18 15 | 18 40 | 12 55 | 14 9 | 1 8 | F 28 |
| S 29 | 2 23 | 2 50 | 3 7 | 4 41 | 1 47 | 13 34 | 0 59 | 9 53 | 0 17 | 9 27 | 0 49 | 14 58 | 0 47 | 16 56 | 0 42 | 12 34 | 0 18 | 19 22 | 2 50 | 18 17 | 18 41 | 12 58 | 14 8 | 1 8 | S 29 |
| S 30 | 2s46 | 3s57 | 4s 3 | 4n 2 | 1n50 | 13n18 | 0s54 | 10s 8 | 0n16 | 9n23 | 0n49 | 14n56 | 0n47 | 16s56 | 0s42 | 12n33 | 0n18 | 19n22 | 2s50 | 18s18 | 18s42 | 13n 0 | 14n 7 | 1s 8 | S 30 |

Julian Day Number = 2604459.5, Delta T = 09m32s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'37, Lahiri = 29°42'38


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## OCTOBER 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 39 16 | 7♎57'45 | 15♎52 | 25♍49 | 23♌ 3 | 27♎41 | 8♍ 1 | 21♌59 | 15°R 6 | 27♌39 | 18♋ 0 | 7°R34 | 6♒ 6 | 21♈41 | 11°R17 | M 1 |
| T 2 | 0 43 13 | 8°56'33 | 1♏ 8 | 27°36 | 24° 8 | 28°21 | 8°14 | 22° 6 | 15♒ 4 | 27°40 | 18° 0 | 7♒24 | 6° 3 | 21°47 | 11♉15 | T 2 |
| W 3 | 0 47 9 | 9°55'22 | 16°13 | 29°24 | 25°13 | 29° 1 | 8°26 | 22°12 | 15° 3 | 27°42 | 18° 1 | 7°15 | 5°59 | 21°54 | 11°13 | W 3 |
| T 4 | 0 51 6 | 10°54'14 | 0♐59 | 1♎13 | 26°18 | 29°41 | 8°38 | 22°18 | 15° 2 | 27°44 | 18° 1 | 7° 8 | 5°56 | 22° 1 | 11°10 | T 4 |
| F 5 | 0 55 2 | 11°53'07 | 15°19 | 3° 2 | 27°24 | 0♏21 | 8°50 | 22°24 | 15° 1 | 27°46 | 18° 2 | 7° 3 | 5°53 | 22° 7 | 11° 8 | F 5 |
| S 6 | 0 58 59 | 12°52'02 | 29°11 | 4°51 | 28°29 | 1° 1 | 9° 2 | 22°30 | 15° 0 | 27°47 | 18° 2 | 7° 0 | 5°50 | 22°14 | 11° 5 | S 6 |
| S 7 | 1 2 55 | 13°50'58 | 12♑35 | 6°40 | 29°35 | 1°41 | 9°14 | 22°35 | 15° 0 | 27°49 | 18° 2 | 6°D59 | 5°47 | 22°21 | 11° 3 | S 7 |
| M 8 | 1 6 52 | 14°49'56 | 25°36 | 8°29 | 0♏41 | 2°21 | 9°25 | 22°41 | 14°59 | 27°51 | 18° 2 | 7° 0 | 5°44 | 22°28 | 11° 0 | M 8 |
| T 9 | 1 10 49 | 15°48'56 | 8♒15 | 10°18 | 1°48 | 3° 1 | 9°37 | 22°47 | 14°58 | 27°52 | 18° 3 | 7°R 0 | 5°40 | 22°34 | 10°58 | T 9 |
| W10 | 1 14 45 | 16°47'57 | 20°38 | 12° 6 | 2°54 | 3°41 | 9°49 | 22°52 | 14°57 | 27°54 | 18° 3 | 6°59 | 5°37 | 22°41 | 10°55 | W10 |
| T 11 | 1 18 42 | 17°47'01 | 2♓50 | 13°53 | 4° 1 | 4°21 | 10° 0 | 22°58 | 14°56 | 27°55 | 18° 3 | 6°56 | 5°34 | 22°48 | 10°52 | T 11 |
| F 12 | 1 22 38 | 18°46'06 | 14°52 | 15°40 | 5° 8 | 5° 2 | 10°12 | 23° 3 | 14°56 | 27°57 | 18° 3 | 6°51 | 5°31 | 22°54 | 10°50 | F 12 |
| S 13 | 1 26 35 | 19°45'12 | 26°49 | 17°26 | 6°16 | 5°42 | 10°23 | 23° 9 | 14°55 | 27°58 | 18° 3 | 6°42 | 5°28 | 23° 1 | 10°47 | S 13 |
| S 14 | 1 30 31 | 20°44'21 | 8♈43 | 19°12 | 7°23 | 6°23 | 10°35 | 23°14 | 14°55 | 28° 0 | 18° 3 | 6°31 | 5°25 | 23° 8 | 10°44 | S 14 |
| M15 | 1 34 28 | 21°43'32 | 20°36 | 20°57 | 8°31 | 7° 3 | 10°46 | 23°19 | 14°54 | 28° 1 | 18° 4 | 6°18 | 5°21 | 23°15 | 10°41 | M15 |
| T 16 | 1 38 24 | 22°42'45 | 2♉28 | 22°41 | 9°38 | 7°44 | 10°57 | 23°25 | 14°54 | 28° 3 | 18° 4 | 6° 4 | 5°18 | 23°21 | 10°39 | T 16 |
| W17 | 1 42 21 | 23°42'00 | 14°22 | 24°25 | 10°46 | 8°24 | 11° 9 | 23°30 | 14°53 | 28° 4 | 18° 4 | 5°50 | 5°15 | 23°28 | 10°36 | W17 |
| T 18 | 1 46 17 | 24°41'17 | 26°19 | 26° 7 | 11°55 | 9° 5 | 11°20 | 23°35 | 14°53 | 28° 6 | 18° 4 | 5°38 | 5°12 | 23°35 | 10°33 | T 18 |
| F 19 | 1 50 14 | 25°40'36 | 8♊21 | 27°49 | 13° 3 | 9°45 | 11°31 | 23°40 | 14°53 | 28° 7 | 18°R 4 | 5°28 | 5° 9 | 23°42 | 10°30 | F 19 |
| S 20 | 1 54 11 | 26°39'57 | 20°30 | 29°30 | 14°12 | 10°26 | 11°42 | 23°45 | 14°52 | 28° 8 | 18° 4 | 5°20 | 5° 5 | 23°48 | 10°27 | S 20 |
| S 21 | 1 58 7 | 27°39'21 | 2♋49 | 1♏11 | 15°20 | 11° 7 | 11°53 | 23°49 | 14°52 | 28°10 | 18° 4 | 5°16 | 5° 2 | 23°55 | 10°25 | S 21 |
| M22 | 2 2 4 | 28°38'47 | 15°22 | 2°51 | 16°29 | 11°48 | 12° 4 | 23°54 | 14°52 | 28°11 | 18° 4 | 5°14 | 4°59 | 24° 2 | 10°22 | M22 |
| T 23 | 2 6 0 | 29°38'15 | 28°14 | 4°30 | 17°39 | 12°29 | 12°14 | 23°59 | 14°52 | 28°12 | 18° 3 | 5°13 | 4°56 | 24° 8 | 10°19 | T 23 |
| W24 | 2 9 57 | 0♏37'46 | 11♌28 | 6° 8 | 18°48 | 13°10 | 12°25 | 24° 3 | 14°52 | 28°14 | 18° 3 | 5°13 | 4°53 | 24°15 | 10°16 | W24 |
| T 25 | 2 13 53 | 1°37'18 | 25° 8 | 7°46 | 19°57 | 13°51 | 12°36 | 24° 8 | 14°D52 | 28°15 | 18° 3 | 5°12 | 4°50 | 24°22 | 10°13 | T 25 |
| F 26 | 2 17 50 | 2°36'53 | 9♍16 | 9°23 | 21° 7 | 14°32 | 12°46 | 24°12 | 14°52 | 28°16 | 18° 3 | 5° 9 | 4°46 | 24°29 | 10°10 | F 26 |
| S 27 | 2 21 46 | 3°36'31 | 23°51 | 11° 0 | 22°17 | 15°13 | 12°57 | 24°16 | 14°52 | 28°17 | 18° 3 | 5° 4 | 4°43 | 24°35 | 10° 7 | S 27 |
| S 28 | 2 25 43 | 4°36'10 | 8♎50 | 12°36 | 23°26 | 15°54 | 13° 7 | 24°21 | 14°52 | 28°18 | 18° 3 | 4°56 | 4°40 | 24°42 | 10° 4 | S 28 |
| M29 | 2 29 40 | 5°35'52 | 24° 4 | 14°11 | 24°37 | 16°35 | 13°17 | 24°25 | 14°52 | 28°19 | 18° 2 | 4°45 | 4°37 | 24°49 | 10° 1 | M29 |
| T 30 | 2 33 36 | 6°35'35 | 9♏24 | 15°46 | 25°47 | 17°16 | 13°27 | 24°29 | 14°52 | 28°21 | 18° 2 | 4°34 | 4°34 | 24°55 | 9°58 | T 30 |
| W31 | 2 37 33 | 7♏35'21 | 24♏37 | 17♏20 | 26♍57 | 17♏58 | 13♍37 | 24♌33 | 14♒53 | 28♌22 | 18♋ 2 | 4♒22 | 4♒30 | 25♈ 2 | 9♉55 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 3 s 9 | 10 s34 | 4 s42 | 3n21 | 1n51 | 13n 2 | 0 s49 | 10 s23 | 0n16 | 9n18 | 0n49 | 14n54 | 0n48 | 16 s57 | 0 s42 | 12n32 | 0n18 | 19n22 | 2 s50 | 18 s20 | 18 s42 | 13n 3 | 14n 6 | 1 s 8 | M 1 |
| T 2 | 3 32 | 16 33 | 5 2 | 2 40 | 1 52 | 12 46 | 0 44 | 10 38 | 0 15 | 9 14 | 0 49 | 14 52 | 0 48 | 16 57 | 0 42 | 12 32 | 0 18 | 19 22 | 2 50 | 18 23 | 18 43 | 13 6 | 14 5 | 1 8 | T 2 |
| W 3 | 3 55 | 21 26 | 5 0 | 1 57 | 1 52 | 12 29 | 0 39 | 10 52 | 0 15 | 9 9 | 0 49 | 14 50 | 0 48 | 16 57 | 0 42 | 12 31 | 0 18 | 19 22 | 2 50 | 18 25 | 18 44 | 13 8 | 14 4 | 1 9 | W 3 |
| T 4 | 4 18 | 24 50 | 4 38 | 1 13 | 1 51 | 12 12 | 0 34 | 11 7 | 0 14 | 9 5 | 0 50 | 14 48 | 0 48 | 16 58 | 0 42 | 12 31 | 0 18 | 19 22 | 2 50 | 18 27 | 18 45 | 13 11 | 14 3 | 1 9 | T 4 |
| F 5 | 4 41 | 26 32 | 3 59 | 0 28 | 1 50 | 11 54 | 0 29 | 11 22 | 0 13 | 9 1 | 0 50 | 14 47 | 0 48 | 16 58 | 0 42 | 12 30 | 0 18 | 19 22 | 2 50 | 18 28 | 18 46 | 13 14 | 14 3 | 1 9 | F 5 |
| S 6 | 5 4 | 26 30 | 3 7 | 0 s17 | 1 48 | 11 36 | 0 24 | 11 36 | 0 13 | 8 56 | 0 50 | 14 45 | 0 48 | 16 58 | 0 42 | 12 30 | 0 18 | 19 22 | 2 50 | 18 29 | 18 46 | 13 17 | 14 2 | 1 9 | S 6 |
| S 7 | 5 27 | 24 53 | 2 6 | 1 2 | 1 45 | 11 18 | 0 19 | 11 50 | 0 12 | 8 52 | 0 50 | 14 43 | 0 48 | 16 58 | 0 42 | 12 29 | 0 18 | 19 22 | 2 50 | 18 29 | 18 47 | 13 19 | 14 1 | 1 9 | S 7 |
| M 8 | 5 50 | 21 58 | 1 0 | 1 48 | 1 42 | 10 59 | 0 14 | 12 5 | 0 12 | 8 48 | 0 50 | 14 41 | 0 49 | 16 59 | 0 42 | 12 28 | 0 18 | 19 22 | 2 50 | 18 29 | 18 48 | 13 22 | 14 0 | 1 9 | M 8 |
| T 9 | 6 13 | 18 3 | 0n 7 | 2 34 | 1 38 | 10 40 | 0 10 | 12 19 | 0 11 | 8 43 | 0 50 | 14 40 | 0 49 | 16 59 | 0 42 | 12 28 | 0 18 | 19 22 | 2 50 | 18 29 | 18 49 | 13 25 | 13 59 | 1 9 | T 9 |
| W10 | 6 35 | 13 27 | 1 12 | 3 20 | 1 34 | 10 20 | 0 5 | 12 33 | 0 10 | 8 39 | 0 50 | 14 38 | 0 49 | 16 59 | 0 42 | 12 27 | 0 18 | 19 22 | 2 50 | 18 29 | 18 49 | 13 27 | 13 58 | 1 9 | W10 |
| T 11 | 6 58 | 8 23 | 2 12 | 4 5 | 1 30 | 10 0 | 0 1 | 12 47 | 0 10 | 8 35 | 0 51 | 14 36 | 0 49 | 16 59 | 0 42 | 12 27 | 0 18 | 19 22 | 2 50 | 18 30 | 18 50 | 13 30 | 13 57 | 1 10 | T 11 |
| F 12 | 7 20 | 3 5 | 3 6 | 4 51 | 1 25 | 9 40 | 0n 4 | 13 2 | 0 9 | 8 31 | 0 51 | 14 35 | 0 49 | 16 59 | 0 42 | 12 26 | 0 18 | 19 22 | 2 50 | 18 31 | 18 51 | 13 33 | 13 56 | 1 10 | F 12 |
| S 13 | 7 43 | 2n17 | 3 51 | 5 36 | 1 20 | 9 19 | 0 8 | 13 16 | 0 9 | 8 26 | 0 51 | 14 33 | 0 49 | 16 59 | 0 42 | 12 26 | 0 18 | 19 22 | 2 50 | 18 33 | 18 52 | 13 36 | 13 55 | 1 10 | S 13 |
| S 14 | 8 5 | 7 31 | 4 26 | 6 21 | 1 14 | 8 59 | 0 13 | 13 29 | 0 8 | 8 22 | 0 51 | 14 31 | 0 50 | 17 0 | 0 42 | 12 25 | 0 18 | 19 22 | 2 50 | 18 36 | 18 53 | 13 38 | 13 54 | 1 10 | S 14 |
| M15 | 8 27 | 12 29 | 4 49 | 7 6 | 1 9 | 8 37 | 0 17 | 13 43 | 0 7 | 8 18 | 0 51 | 14 30 | 0 50 | 17 0 | 0 42 | 12 25 | 0 18 | 19 22 | 2 50 | 18 39 | 18 53 | 13 41 | 13 53 | 1 10 | M15 |
| T 16 | 8 49 | 16 59 | 4 59 | 7 50 | 1 3 | 8 16 | 0 21 | 13 57 | 0 7 | 8 14 | 0 51 | 14 28 | 0 50 | 17 0 | 0 42 | 12 24 | 0 18 | 19 22 | 2 50 | 18 43 | 18 54 | 13 44 | 13 52 | 1 10 | T 16 |
| W17 | 9 11 | 20 50 | 4 57 | 8 34 | 0 57 | 7 54 | 0 25 | 14 11 | 0 6 | 8 10 | 0 51 | 14 27 | 0 50 | 17 0 | 0 42 | 12 24 | 0 18 | 19 21 | 2 50 | 18 46 | 18 55 | 13 46 | 13 51 | 1 10 | W17 |
| T 18 | 9 33 | 23 50 | 4 41 | 9 17 | 0 51 | 7 32 | 0 29 | 14 24 | 0 6 | 8 6 | 0 52 | 14 25 | 0 50 | 17 0 | 0 42 | 12 23 | 0 18 | 19 21 | 2 50 | 18 49 | 18 56 | 13 49 | 13 50 | 1 10 | T 18 |
| F 19 | 9 54 | 25 48 | 4 13 | 9 59 | 0 44 | 7 9 | 0 33 | 14 38 | 0 5 | 8 2 | 0 52 | 14 24 | 0 50 | 17 0 | 0 42 | 12 23 | 0 18 | 19 21 | 2 50 | 18 52 | 18 56 | 13 52 | 13 49 | 1 10 | F 19 |
| S 20 | 10 16 | 26 35 | 3 33 | 10 41 | 0 38 | 6 46 | 0 37 | 14 51 | 0 4 | 7 58 | 0 52 | 14 22 | 0 51 | 17 0 | 0 42 | 12 22 | 0 18 | 19 21 | 2 50 | 18 54 | 18 57 | 13 54 | 13 48 | 1 11 | S 20 |
| S 21 | 10 37 | 26 4 | 2 42 | 11 22 | 0 31 | 6 23 | 0 41 | 15 4 | 0 4 | 7 54 | 0 52 | 14 21 | 0 51 | 17 0 | 0 42 | 12 22 | 0 18 | 19 21 | 2 50 | 18 55 | 18 58 | 13 57 | 13 47 | 1 11 | S 21 |
| M22 | 10 58 | 24 12 | 1 43 | 12 3 | 0 24 | 6 0 | 0 44 | 15 17 | 0 3 | 7 50 | 0 52 | 14 19 | 0 51 | 17 0 | 0 42 | 12 22 | 0 18 | 19 21 | 2 50 | 18 55 | 18 59 | 14 0 | 13 46 | 1 11 | M22 |
| T 23 | 11 19 | 21 4 | 0 37 | 12 43 | 0 18 | 5 36 | 0 48 | 15 30 | 0 3 | 7 46 | 0 52 | 14 18 | 0 51 | 17 0 | 0 42 | 12 21 | 0 18 | 19 21 | 2 50 | 18 55 | 18 59 | 14 2 | 13 45 | 1 11 | T 23 |
| W24 | 11 40 | 16 47 | 0 s33 | 13 22 | 0 11 | 5 13 | 0 51 | 15 43 | 0 2 | 7 42 | 0 53 | 14 17 | 0 51 | 17 0 | 0 42 | 12 21 | 0 18 | 19 21 | 2 50 | 18 55 | 19 0 | 14 5 | 13 44 | 1 11 | W24 |
| T 25 | 12 1 | 11 30 | 1 43 | 14 0 | 0 4 | 4 48 | 0 55 | 15 56 | 0 1 | 7 38 | 0 53 | 14 15 | 0 51 | 17 0 | 0 42 | 12 20 | 0 18 | 19 21 | 2 50 | 18 56 | 19 1 | 14 8 | 13 43 | 1 11 | T 25 |
| F 26 | 12 21 | 5 28 | 2 49 | 14 38 | 0 s 3 | 4 24 | 0 58 | 16 9 | 0 1 | 7 34 | 0 53 | 14 14 | 0 52 | 17 0 | 0 41 | 12 20 | 0 18 | 19 21 | 2 50 | 18 56 | 19 2 | 14 10 | 13 42 | 1 11 | F 26 |
| S 27 | 12 42 | 1 s 2 | 3 47 | 15 15 | 0 10 | 4 0 | 1 1 | 16 22 | 0 0 | 7 30 | 0 53 | 14 13 | 0 52 | 17 0 | 0 41 | 12 20 | 0 18 | 19 21 | 2 50 | 18 58 | 19 2 | 14 13 | 13 41 | 1 11 | S 27 |
| S 28 | 13 2 | 7 38 | 4 30 | 15 51 | 0 16 | 3 35 | 1 4 | 16 34 | 0 s 0 | 7 26 | 0 53 | 14 12 | 0 52 | 17 0 | 0 41 | 12 19 | 0 18 | 19 22 | 2 50 | 19 0 | 19 3 | 14 16 | 13 40 | 1 11 | S 28 |
| M29 | 13 22 | 13 53 | 4 55 | 16 26 | 0 23 | 3 10 | 1 7 | 16 46 | 0 1 | 7 23 | 0 53 | 14 10 | 0 52 | 17 0 | 0 41 | 12 19 | 0 18 | 19 22 | 2 50 | 19 2 | 19 4 | 14 18 | 13 39 | 1 11 | M29 |
| T 30 | 13 41 | 19 19 | 4 59 | 17 0 | 0 30 | 2 45 | 1 10 | 16 59 | 0 2 | 7 19 | 0 54 | 14 9 | 0 52 | 17 0 | 0 41 | 12 18 | 0 18 | 19 22 | 2 50 | 19 5 | 19 5 | 14 21 | 13 38 | 1 12 | T 30 |
| W31 | 14 s 1 | 23 s26 | 4 s42 | 17 s34 | 0 s37 | 2n20 | 1n13 | 17 s11 | 0 s 2 | 7n15 | 0n54 | 14n 8 | 0n52 | 17 s 0 | 0 s41 | 12n18 | 0n18 | 19n22 | 2 s50 | 19 s 7 | 19 s 6 | 14n23 | 13n37 | 1 s12 | W31 |

Julian Day Number = 2604489.5, Delta T = 09m33s
Ecliptic obliquity = 23°23'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'41, Lahiri = 29°42'42


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## NOVEMBER 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 29 | 8♏35'09 | 9♐33 | 18♏54 | 28♍ 7 | 18♏39 | 13♍47 | 24♌36 | 14♒53 | 28♌23 | 18°R 2 | 4°R13 | 4♒27 | 25♈ 9 | 9°R52 | T 1 |
| F 2 | 2 45 26 | 9°34'58 | 24° 4 | 20°27 | 29°18 | 19°21 | 13°57 | 24°40 | 14°53 | 28°24 | 18♋ 1 | 4♒ 6 | 4°24 | 25°16 | 9♉49 | F 2 |
| S 3 | 2 49 22 | 10°34'49 | 8♑ 6 | 22° 0 | 0♎29 | 20° 2 | 14° 7 | 24°44 | 14°54 | 28°24 | 18° 1 | 4° 1 | 4°21 | 25°22 | 9°46 | S 3 |
| S 4 | 2 53 19 | 11°34'42 | 21°37 | 23°32 | 1°40 | 20°44 | 14°16 | 24°47 | 14°54 | 28°25 | 18° 1 | 4° 0 | 4°18 | 25°29 | 9°43 | S 4 |
| M 5 | 2 57 15 | 12°34'36 | 4♒41 | 25° 3 | 2°50 | 21°25 | 14°26 | 24°51 | 14°55 | 28°26 | 18° 0 | 3°D59 | 4°15 | 25°36 | 9°40 | M 5 |
| T 6 | 3 1 12 | 13°34'32 | 17°22 | 26°34 | 4° 2 | 22° 7 | 14°35 | 24°54 | 14°56 | 28°27 | 18° 0 | 3°R59 | 4°11 | 25°43 | 9°37 | T 6 |
| W 7 | 3 5 9 | 14°34'29 | 29°43 | 28° 5 | 5°13 | 22°48 | 14°45 | 24°58 | 14°56 | 28°28 | 17°59 | 3°58 | 4° 8 | 25°49 | 9°34 | W 7 |
| T 8 | 3 9 5 | 15°34'28 | 11♓50 | 29°35 | 6°24 | 23°30 | 14°54 | 25° 1 | 14°57 | 28°29 | 17°59 | 3°56 | 4° 5 | 25°56 | 9°31 | T 8 |
| F 9 | 3 13 2 | 16°34'29 | 23°49 | 1♐ 5 | 7°35 | 24°12 | 15° 3 | 25° 4 | 14°58 | 28°30 | 17°58 | 3°50 | 4° 2 | 26° 3 | 9°28 | F 9 |
| S 10 | 3 16 58 | 17°34'31 | 5♈42 | 2°34 | 8°47 | 24°54 | 15°12 | 25° 7 | 14°58 | 28°30 | 17°58 | 3°42 | 3°59 | 26° 9 | 9°25 | S 10 |
| S 11 | 3 20 55 | 18°34'35 | 17°33 | 4° 3 | 9°58 | 25°36 | 15°21 | 25°10 | 14°59 | 28°31 | 17°57 | 3°31 | 3°56 | 26°16 | 9°23 | S 11 |
| M12 | 3 24 51 | 19°34'41 | 29°25 | 5°31 | 11°10 | 26°18 | 15°30 | 25°12 | 15° 0 | 28°32 | 17°57 | 3°18 | 3°52 | 26°23 | 9°20 | M12 |
| T 13 | 3 28 48 | 20°34'48 | 11♉20 | 6°58 | 12°22 | 27° 0 | 15°38 | 25°15 | 15° 1 | 28°32 | 17°56 | 3° 5 | 3°49 | 26°30 | 9°17 | T 13 |
| W14 | 3 32 44 | 21°34'57 | 23°20 | 8°25 | 13°34 | 27°42 | 15°47 | 25°18 | 15° 2 | 28°33 | 17°56 | 2°51 | 3°46 | 26°36 | 9°14 | W14 |
| T 15 | 3 36 41 | 22°35'08 | 5♊25 | 9°52 | 14°46 | 28°24 | 15°55 | 25°20 | 15° 3 | 28°33 | 17°55 | 2°39 | 3°43 | 26°43 | 9°11 | T 15 |
| F 16 | 3 40 38 | 23°35'21 | 17°36 | 11°18 | 15°58 | 29° 6 | 16° 4 | 25°22 | 15° 4 | 28°34 | 17°54 | 2°29 | 3°40 | 26°50 | 9° 8 | F 16 |
| S 17 | 3 44 34 | 24°35'35 | 29°55 | 12°43 | 17°10 | 29°48 | 16°12 | 25°25 | 15° 6 | 28°34 | 17°54 | 2°21 | 3°36 | 26°56 | 9° 5 | S 17 |
| S 18 | 3 48 31 | 25°35'52 | 12♋23 | 14° 7 | 18°23 | 0♐30 | 16°20 | 25°27 | 15° 7 | 28°35 | 17°53 | 2°17 | 3°33 | 27° 3 | 9° 2 | S 18 |
| M19 | 3 52 27 | 26°36'10 | 25° 3 | 15°31 | 19°35 | 1°13 | 16°28 | 25°29 | 15° 8 | 28°35 | 17°52 | 2°15 | 3°30 | 27°10 | 9° 0 | M19 |
| T 20 | 3 56 24 | 27°36'31 | 7♌58 | 16°54 | 20°48 | 1°55 | 16°35 | 25°31 | 15° 9 | 28°36 | 17°52 | 2°D15 | 3°27 | 27°17 | 8°57 | T 20 |
| W21 | 4 0 20 | 28°36'53 | 21°10 | 18°16 | 22° 0 | 2°37 | 16°43 | 25°33 | 15°11 | 28°36 | 17°51 | 2°15 | 3°24 | 27°23 | 8°54 | W21 |
| T 22 | 4 4 17 | 29°37'17 | 4♍44 | 19°37 | 23°13 | 3°20 | 16°51 | 25°34 | 15°12 | 28°36 | 17°50 | 2°R15 | 3°21 | 27°30 | 8°51 | T 22 |
| F 23 | 4 8 13 | 0♐37'43 | 18°40 | 20°56 | 24°26 | 4° 2 | 16°58 | 25°36 | 15°13 | 28°37 | 17°49 | 2°14 | 3°17 | 27°37 | 8°49 | F 23 |
| S 24 | 4 12 10 | 1°38'10 | 2♎59 | 22°15 | 25°38 | 4°45 | 17° 5 | 25°37 | 15°15 | 28°37 | 17°49 | 2°10 | 3°14 | 27°44 | 8°46 | S 24 |
| S 25 | 4 16 7 | 2°38'40 | 17°39 | 23°32 | 26°51 | 5°28 | 17°12 | 25°39 | 15°16 | 28°37 | 17°48 | 2° 4 | 3°11 | 27°50 | 8°43 | S 25 |
| M26 | 4 20 3 | 3°39'11 | 2♏35 | 24°47 | 28° 4 | 6°10 | 17°19 | 25°40 | 15°18 | 28°37 | 17°47 | 1°56 | 3° 8 | 27°57 | 8°40 | M26 |
| T 27 | 4 24 0 | 4°39'45 | 17°39 | 26° 1 | 29°17 | 6°53 | 17°26 | 25°41 | 15°20 | 28°37 | 17°46 | 1°47 | 3° 5 | 28° 4 | 8°38 | T 27 |
| W28 | 4 27 56 | 5°40'20 | 2♐42 | 27°12 | 0♏30 | 7°36 | 17°33 | 25°42 | 15°21 | 28°38 | 17°45 | 1°38 | 3° 2 | 28°10 | 8°35 | W28 |
| T 29 | 4 31 53 | 6°40'56 | 17°33 | 28°21 | 1°44 | 8°19 | 17°39 | 25°43 | 15°23 | 28°38 | 17°44 | 1°30 | 2°58 | 28°17 | 8°33 | T 29 |
| F 30 | 4 35 49 | 7♐41'34 | 2♑ 4 | 29♐27 | 2♏57 | 9♐ 2 | 17♍45 | 25♌44 | 15♒25 | 28♌38 | 17♋44 | 1♒24 | 2♒55 | 28♈24 | 8♉30 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s20 | 25s53 | 4s 5 | 18s 6 | 0s43 | 1n54 | 1n16 | 17s23 | 0s 3 | 7n12 | 0n54 | 14n 7 | 0n53 | 17s 0 | 0s41 | 12n18 | 0n18 | 19n22 | 2s50 | 19s10 | 19s 6 | 14n26 | 13n36 | 1s12 |
| F 2 | 14 39 | 26 29 | 3 14 | 18 38 | 0 50 | 1 29 | 1 19 | 17 35 | 0 3 | 7 8 | 0 54 | 14 6 | 0 53 | 16 59 | 0 41 | 12 17 | 0 18 | 19 22 | 2 50 | 19 11 | 19 7 | 14 29 | 13 35 | 1 12 |
| S 3 | 14 58 | 25 20 | 2 12 | 19 8 | 0 57 | 1 3 | 1 21 | 17 46 | 0 4 | 7 4 | 0 54 | 14 5 | 0 53 | 16 59 | 0 41 | 12 17 | 0 18 | 19 22 | 2 50 | 19 12 | 19 8 | 14 31 | 13 34 | 1 12 |
| S 4 | 15 16 | 22 43 | 1 5 | 19 38 | 1 3 | 0 37 | 1 24 | 17 58 | 0 4 | 7 1 | 0 55 | 14 4 | 0 53 | 16 59 | 0 41 | 12 17 | 0 18 | 19 22 | 2 50 | 19 13 | 19 9 | 14 34 | 13 33 | 1 12 |
| M 5 | 15 35 | 18 59 | 0n 4 | 20 7 | 1 9 | 0 11 | 1 26 | 18 10 | 0 5 | 6 57 | 0 55 | 14 3 | 0 53 | 16 59 | 0 41 | 12 17 | 0 18 | 19 22 | 2 50 | 19 13 | 19 9 | 14 36 | 13 32 | 1 12 |
| T 6 | 15 53 | 14 29 | 1 10 | 20 34 | 1 16 | 0s15 | 1 28 | 18 21 | 0 6 | 6 54 | 0 55 | 14 2 | 0 53 | 16 59 | 0 41 | 12 16 | 0 18 | 19 22 | 2 50 | 19 13 | 19 10 | 14 39 | 13 31 | 1 12 |
| W 7 | 16 11 | 9 29 | 2 12 | 21 1 | 1 22 | 0 41 | 1 31 | 18 32 | 0 6 | 6 50 | 0 55 | 14 1 | 0 54 | 16 58 | 0 41 | 12 16 | 0 18 | 19 22 | 2 50 | 19 13 | 19 11 | 14 42 | 13 30 | 1 12 |
| T 8 | 16 28 | 4 14 | 3 6 | 21 27 | 1 28 | 1 7 | 1 33 | 18 43 | 0 7 | 6 47 | 0 55 | 14 0 | 0 54 | 16 58 | 0 41 | 12 16 | 0 18 | 19 22 | 2 50 | 19 14 | 19 12 | 14 44 | 13 29 | 1 12 |
| F 9 | 16 45 | 1n 5 | 3 51 | 21 51 | 1 34 | 1 33 | 1 35 | 18 54 | 0 7 | 6 44 | 0 55 | 13 59 | 0 54 | 16 58 | 0 41 | 12 16 | 0 18 | 19 22 | 2 50 | 19 15 | 19 12 | 14 47 | 13 28 | 1 12 |
| S 10 | 17 2 | 6 20 | 4 26 | 22 15 | 1 39 | 2 0 | 1 37 | 19 5 | 0 8 | 6 41 | 0 56 | 13 58 | 0 54 | 16 58 | 0 41 | 12 15 | 0 18 | 19 22 | 2 50 | 19 17 | 19 13 | 14 49 | 13 27 | 1 13 |
| S 11 | 17 19 | 11 19 | 4 49 | 22 37 | 1 45 | 2 26 | 1 38 | 19 15 | 0 9 | 6 37 | 0 56 | 13 58 | 0 54 | 16 57 | 0 41 | 12 15 | 0 18 | 19 22 | 2 50 | 19 19 | 19 14 | 14 52 | 13 26 | 1 13 |
| M12 | 17 35 | 15 55 | 5 0 | 22 59 | 1 50 | 2 52 | 1 40 | 19 26 | 0 9 | 6 34 | 0 56 | 13 57 | 0 55 | 16 57 | 0 41 | 12 15 | 0 18 | 19 22 | 2 50 | 19 22 | 19 15 | 14 55 | 13 25 | 1 13 |
| T 13 | 17 51 | 19 54 | 4 57 | 23 19 | 1 55 | 3 19 | 1 42 | 19 36 | 0 10 | 6 31 | 0 56 | 13 56 | 0 55 | 16 57 | 0 41 | 12 15 | 0 18 | 19 22 | 2 50 | 19 26 | 19 15 | 14 57 | 13 24 | 1 13 |
| W14 | 18 7 | 23 7 | 4 42 | 23 38 | 2 0 | 3 45 | 1 43 | 19 46 | 0 10 | 6 28 | 0 56 | 13 55 | 0 55 | 16 56 | 0 41 | 12 15 | 0 18 | 19 22 | 2 50 | 19 29 | 19 16 | 15 0 | 13 23 | 1 13 |
| T 15 | 18 23 | 25 19 | 4 14 | 23 56 | 2 5 | 4 12 | 1 45 | 19 56 | 0 11 | 6 25 | 0 57 | 13 55 | 0 55 | 16 56 | 0 41 | 12 14 | 0 18 | 19 22 | 2 50 | 19 32 | 19 17 | 15 2 | 13 22 | 1 13 |
| F 16 | 18 38 | 26 21 | 3 33 | 24 13 | 2 9 | 4 38 | 1 46 | 20 6 | 0 12 | 6 22 | 0 57 | 13 54 | 0 55 | 16 56 | 0 41 | 12 14 | 0 18 | 19 22 | 2 50 | 19 34 | 19 17 | 15 5 | 13 21 | 1 13 |
| S 17 | 18 53 | 26 6 | 2 43 | 24 28 | 2 13 | 5 4 | 1 47 | 20 16 | 0 12 | 6 19 | 0 57 | 13 54 | 0 56 | 16 55 | 0 41 | 12 14 | 0 19 | 19 23 | 2 50 | 19 35 | 19 18 | 15 7 | 13 20 | 1 13 |
| S 18 | 19 7 | 24 32 | 1 44 | 24 42 | 2 17 | 5 31 | 1 49 | 20 25 | 0 13 | 6 16 | 0 57 | 13 53 | 0 56 | 16 55 | 0 41 | 12 14 | 0 19 | 19 23 | 2 50 | 19 36 | 19 19 | 15 10 | 13 19 | 1 13 |
| M19 | 19 21 | 21 42 | 0 38 | 24 56 | 2 20 | 5 57 | 1 50 | 20 34 | 0 13 | 6 13 | 0 58 | 13 53 | 0 56 | 16 55 | 0 41 | 12 14 | 0 19 | 19 23 | 2 50 | 19 37 | 19 20 | 15 12 | 13 18 | 1 13 |
| T 20 | 19 35 | 17 45 | 0s30 | 25 7 | 2 23 | 6 23 | 1 51 | 20 44 | 0 14 | 6 10 | 0 58 | 13 52 | 0 56 | 16 54 | 0 41 | 12 14 | 0 19 | 19 23 | 2 50 | 19 37 | 19 20 | 15 15 | 13 17 | 1 13 |
| W21 | 19 48 | 12 51 | 1 39 | 25 18 | 2 26 | 6 50 | 1 51 | 20 53 | 0 15 | 6 7 | 0 58 | 13 52 | 0 56 | 16 54 | 0 41 | 12 14 | 0 19 | 19 23 | 2 50 | 19 37 | 19 21 | 15 18 | 13 17 | 1 13 |
| T 22 | 20 2 | 7 12 | 2 44 | 25 27 | 2 29 | 7 16 | 1 52 | 21 1 | 0 15 | 6 5 | 0 58 | 13 51 | 0 56 | 16 53 | 0 41 | 12 13 | 0 19 | 19 23 | 2 50 | 19 37 | 19 22 | 15 20 | 13 16 | 1 13 |
| F 23 | 20 14 | 1 5 | 3 41 | 25 35 | 2 31 | 7 42 | 1 53 | 21 10 | 0 16 | 6 2 | 0 58 | 13 51 | 0 57 | 16 53 | 0 41 | 12 13 | 0 19 | 19 23 | 2 50 | 19 37 | 19 23 | 15 23 | 13 15 | 1 13 |
| S 24 | 20 27 | 5s15 | 4 26 | 25 41 | 2 32 | 8 8 | 1 53 | 21 18 | 0 16 | 5 59 | 0 59 | 13 51 | 0 57 | 16 52 | 0 41 | 12 13 | 0 19 | 19 23 | 2 50 | 19 38 | 19 23 | 15 25 | 13 14 | 1 13 |
| S 25 | 20 39 | 11 27 | 4 55 | 25 47 | 2 33 | 8 33 | 1 54 | 21 27 | 0 17 | 5 57 | 0 59 | 13 50 | 0 57 | 16 52 | 0 41 | 12 13 | 0 19 | 19 23 | 2 50 | 19 39 | 19 24 | 15 28 | 13 13 | 1 14 |
| M26 | 20 50 | 17 6 | 5 4 | 25 51 | 2 34 | 8 59 | 1 54 | 21 35 | 0 17 | 5 54 | 0 59 | 13 50 | 0 57 | 16 51 | 0 41 | 12 13 | 0 19 | 19 23 | 2 50 | 19 41 | 19 25 | 15 30 | 13 12 | 1 14 |
| T 27 | 21 1 | 21 44 | 4 53 | 25 53 | 2 34 | 9 24 | 1 55 | 21 42 | 0 18 | 5 52 | 0 59 | 13 50 | 0 57 | 16 51 | 0 41 | 12 13 | 0 19 | 19 24 | 2 50 | 19 43 | 19 26 | 15 33 | 13 11 | 1 14 |
| W28 | 21 12 | 24 55 | 4 21 | 25 54 | 2 33 | 9 50 | 1 55 | 21 50 | 0 19 | 5 50 | 1 0 | 13 50 | 0 58 | 16 50 | 0 40 | 12 13 | 0 19 | 19 24 | 2 50 | 19 45 | 19 26 | 15 35 | 13 10 | 1 14 |
| T 29 | 21 23 | 26 20 | 3 32 | 25 54 | 2 32 | 10 15 | 1 55 | 21 58 | 0 19 | 5 47 | 1 0 | 13 50 | 0 58 | 16 50 | 0 40 | 12 13 | 0 19 | 19 24 | 2 50 | 19 47 | 19 27 | 15 38 | 13 9 | 1 14 |
| F 30 | 21s33 | 25s52 | 2s30 | 25s53 | 2s30 | 10s40 | 1n55 | 22s 5 | 0s20 | 5n45 | 1n 0 | 13n49 | 0n58 | 16s49 | 0s40 | 12n13 | 0n19 | 19n24 | 2s50 | 19s48 | 19s28 | 15n40 | 13n 8 | 1s14 |

Julian Day Number = 2604520.5, Delta T = 09m33s
Ecliptic obliquity = 23°23'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'45, Lahiri = 29°42'47


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# ASTRODIENST EPHEMERIS for the year 2418
# geocentric

## DECEMBER 2418 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 39 46 | 8♐42'13 | 16♑10 | 0♑31 | 4♏10 | 9♐45 | 17♍52 | 25♌45 | 15♒27 | 28°R38 | 17°R43 | 1°R21 | 2♒52 | 28♈31 | 8°R28 | S 1 |
| S 2 | 4 43 43 | 9°42'53 | 29°48 | 1°30 | 5°24 | 10°28 | 17°58 | 25°45 | 15°29 | 28♌38 | 17♋42 | 1°D20 | 2°49 | 28°37 | 8♉25 | S 2 |
| M 3 | 4 47 39 | 10°43'34 | 12♒59 | 2°26 | 6°37 | 11°11 | 18° 4 | 25°46 | 15°30 | 28°38 | 17°41 | 1♒20 | 2°46 | 28°44 | 8°23 | M 3 |
| T 4 | 4 51 36 | 11°44'16 | 25°45 | 3°17 | 7°51 | 11°54 | 18° 9 | 25°46 | 15°32 | 28°38 | 17°40 | 1°21 | 2°42 | 28°51 | 8°21 | T 4 |
| W 5 | 4 55 32 | 12°45'00 | 8♓10 | 4° 3 | 9° 4 | 12°37 | 18°15 | 25°47 | 15°34 | 28°37 | 17°39 | 1°R22 | 2°39 | 28°57 | 8°18 | W 5 |
| T 6 | 4 59 29 | 13°45'44 | 20°19 | 4°43 | 10°18 | 13°20 | 18°20 | 25°47 | 15°36 | 28°37 | 17°38 | 1°22 | 2°36 | 29° 4 | 8°16 | T 6 |
| F 7 | 5 3 25 | 14°46'29 | 2♈18 | 5°16 | 11°31 | 14° 3 | 18°26 | 25°R47 | 15°39 | 28°37 | 17°37 | 1°20 | 2°33 | 29°11 | 8°14 | F 7 |
| S 8 | 5 7 22 | 15°47'15 | 14°11 | 5°42 | 12°45 | 14°47 | 18°31 | 25°47 | 15°41 | 28°37 | 17°36 | 1°16 | 2°30 | 29°18 | 8°11 | S 8 |
| S 9 | 5 11 18 | 16°48'02 | 26° 2 | 6° 0 | 13°59 | 15°30 | 18°36 | 25°46 | 15°43 | 28°37 | 17°35 | 1°10 | 2°27 | 29°24 | 8° 9 | S 9 |
| M10 | 5 15 15 | 17°48'50 | 7♉56 | 6°R 9 | 15°13 | 16°13 | 18°40 | 25°46 | 15°45 | 28°36 | 17°34 | 1° 3 | 2°23 | 29°31 | 8° 7 | M10 |
| T 11 | 5 19 12 | 18°49'40 | 19°54 | 6° 8 | 16°26 | 16°57 | 18°45 | 25°46 | 15°47 | 28°36 | 17°33 | 0°55 | 2°20 | 29°38 | 8° 5 | T 11 |
| W12 | 5 23 8 | 19°50'30 | 2♊ 1 | 5°56 | 17°40 | 17°40 | 18°49 | 25°45 | 15°49 | 28°36 | 17°32 | 0°47 | 2°17 | 29°45 | 8° 3 | W12 |
| T 13 | 5 27 5 | 20°51'21 | 14°16 | 5°33 | 18°54 | 18°24 | 18°54 | 25°45 | 15°52 | 28°35 | 17°31 | 0°39 | 2°14 | 29°51 | 8° 1 | T 13 |
| F 14 | 5 31 1 | 21°52'13 | 26°40 | 4°59 | 20° 8 | 19° 7 | 18°58 | 25°44 | 15°54 | 28°35 | 17°30 | 0°33 | 2°11 | 29°58 | 7°59 | F 14 |
| S 15 | 5 34 58 | 22°53'06 | 9♋16 | 4°14 | 21°22 | 19°51 | 19° 2 | 25°43 | 15°57 | 28°34 | 17°28 | 0°29 | 2° 8 | 0♉ 5 | 7°57 | S 15 |
| S 16 | 5 38 54 | 23°54'00 | 22° 2 | 3°18 | 22°36 | 20°35 | 19° 5 | 25°42 | 15°59 | 28°34 | 17°27 | 0°27 | 2° 4 | 0°11 | 7°55 | S 16 |
| M17 | 5 42 51 | 24°54'56 | 5♌ 0 | 2°12 | 23°51 | 21°18 | 19° 9 | 25°41 | 16° 1 | 28°33 | 17°26 | 0°D27 | 2° 1 | 0°18 | 7°53 | M17 |
| T 18 | 5 46 47 | 25°55'52 | 18°10 | 0°59 | 25° 5 | 22° 2 | 19°12 | 25°40 | 16° 4 | 28°33 | 17°25 | 0°28 | 1°58 | 0°25 | 7°52 | T 18 |
| W19 | 5 50 44 | 26°56'49 | 1♍33 | 29♐40 | 26°19 | 22°46 | 19°16 | 25°39 | 16° 7 | 28°32 | 17°24 | 0°30 | 1°55 | 0°32 | 7°50 | W19 |
| T 20 | 5 54 41 | 27°57'48 | 15°11 | 28°17 | 27°33 | 23°30 | 19°19 | 25°37 | 16° 9 | 28°32 | 17°23 | 0°31 | 1°52 | 0°38 | 7°48 | T 20 |
| F 21 | 5 58 37 | 28°58'47 | 29° 3 | 26°54 | 28°47 | 24°14 | 19°22 | 25°36 | 16°12 | 28°31 | 17°22 | 0°R32 | 1°48 | 0°45 | 7°47 | F 21 |
| S 22 | 6 2 34 | 29°59'48 | 13♎11 | 25°34 | 0♐ 2 | 24°58 | 19°24 | 25°34 | 16°14 | 28°30 | 17°20 | 0°31 | 1°45 | 0°52 | 7°45 | S 22 |
| S 23 | 6 6 30 | 1♑ 0'49 | 27°31 | 24°18 | 1°16 | 25°42 | 19°27 | 25°32 | 16°17 | 28°30 | 17°19 | 0°29 | 1°42 | 0°59 | 7°44 | S 23 |
| M24 | 6 10 27 | 2° 1'52 | 12♏ 3 | 23° 9 | 2°31 | 26°26 | 19°29 | 25°30 | 16°20 | 28°29 | 17°18 | 0°25 | 1°39 | 1° 5 | 7°42 | M24 |
| T 25 | 6 14 23 | 3° 2'55 | 26°40 | 22°10 | 3°45 | 27°10 | 19°31 | 25°28 | 16°23 | 28°28 | 17°17 | 0°21 | 1°36 | 1°12 | 7°41 | T 25 |
| W26 | 6 18 20 | 4° 4'00 | 11♐16 | 21°21 | 4°59 | 27°55 | 19°33 | 25°26 | 16°25 | 28°27 | 17°16 | 0°17 | 1°33 | 1°19 | 7°40 | W26 |
| T 27 | 6 22 16 | 5° 5'05 | 25°45 | 20°42 | 6°14 | 28°39 | 19°35 | 25°24 | 16°28 | 28°26 | 17°14 | 0°14 | 1°29 | 1°25 | 7°38 | T 27 |
| F 28 | 6 26 13 | 6° 6'11 | 10♑ 1 | 20°14 | 7°28 | 29°23 | 19°36 | 25°22 | 16°31 | 28°26 | 17°13 | 0°11 | 1°26 | 1°32 | 7°37 | F 28 |
| S 29 | 6 30 10 | 7° 7'17 | 23°58 | 19°57 | 8°43 | 0♑ 7 | 19°38 | 25°20 | 16°34 | 28°25 | 17°12 | 0°D10 | 1°23 | 1°39 | 7°36 | S 29 |
| S 30 | 6 34 6 | 8° 8'24 | 7♒33 | 19°D51 | 9°57 | 0°52 | 19°39 | 25°17 | 16°37 | 28°24 | 17°11 | 0°10 | 1°20 | 1°46 | 7°35 | S 30 |
| M31 | 6 38 3 | 9♑ 9'31 | 20♒44 | 19♐54 | 11♐12 | 1♑36 | 19♍40 | 25♌15 | 16♒40 | 28♌23 | 17♋10 | 0♒11 | 1♒17 | 1♉52 | 7♉34 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s42 | 23s44 | 1s21 | 25s50 | 2s27 | 11s 5 | 1n55 | 22s12 | 0s20 | 5n43 | 1n 0 | 13n49 | 0n58 | 16s49 | 0s40 | 12n13 | 0n19 | 19n24 | 2s50 | 19s49 | 19s28 | 15n43 | 13n 8 | 1s14 |
| S 2 | 21 51 | 20 17 | 0 8 | 25 46 | 2 23 | 11 29 | 1 55 | 22 19 | 0 21 | 5 41 | 1 1 | 13 49 | 0 58 | 16 48 | 0 40 | 12 13 | 0 19 | 19 24 | 2 50 | 19 49 | 19 29 | 15 45 | 13 7 | 1 14 |
| M 3 | 22 0 | 15 53 | 1n 2 | 25 40 | 2 19 | 11 53 | 1 55 | 22 25 | 0 22 | 5 39 | 1 1 | 13 49 | 0 59 | 16 48 | 0 40 | 12 13 | 0 19 | 19 24 | 2 50 | 19 49 | 19 30 | 15 48 | 13 6 | 1 14 |
| T 4 | 22 9 | 10 54 | 2 8 | 25 34 | 2 13 | 12 17 | 1 54 | 22 32 | 0 22 | 5 37 | 1 1 | 13 49 | 0 59 | 16 47 | 0 40 | 12 13 | 0 19 | 19 25 | 2 50 | 19 49 | 19 31 | 15 50 | 13 5 | 1 14 |
| W 5 | 22 17 | 5 38 | 3 5 | 25 26 | 2 7 | 12 41 | 1 54 | 22 38 | 0 23 | 5 35 | 1 1 | 13 50 | 0 59 | 16 46 | 0 40 | 12 13 | 0 19 | 19 25 | 2 50 | 19 49 | 19 31 | 15 53 | 13 4 | 1 14 |
| T 6 | 22 24 | 0 15 | 3 53 | 25 17 | 1 59 | 13 5 | 1 53 | 22 44 | 0 23 | 5 33 | 1 1 | 13 50 | 0 59 | 16 46 | 0 40 | 12 13 | 0 19 | 19 25 | 2 50 | 19 49 | 19 32 | 15 55 | 13 4 | 1 14 |
| F 7 | 22 31 | 5n 2 | 4 30 | 25 7 | 1 50 | 13 28 | 1 53 | 22 50 | 0 24 | 5 31 | 1 2 | 13 50 | 0 59 | 16 45 | 0 40 | 12 13 | 0 19 | 19 25 | 2 50 | 19 49 | 19 33 | 15 57 | 13 3 | 1 14 |
| S 8 | 22 38 | 10 6 | 4 55 | 24 55 | 1 40 | 13 51 | 1 52 | 22 55 | 0 24 | 5 29 | 1 2 | 13 50 | 1 0 | 16 44 | 0 40 | 12 14 | 0 19 | 19 25 | 2 50 | 19 50 | 19 34 | 16 0 | 13 2 | 1 14 |
| S 9 | 22 44 | 14 48 | 5 7 | 24 43 | 1 28 | 14 13 | 1 52 | 23 1 | 0 25 | 5 27 | 1 2 | 13 50 | 1 0 | 16 44 | 0 40 | 12 14 | 0 19 | 19 25 | 2 50 | 19 51 | 19 34 | 16 2 | 13 1 | 1 14 |
| M10 | 22 50 | 18 56 | 5 6 | 24 30 | 1 15 | 14 36 | 1 51 | 23 6 | 0 26 | 5 26 | 1 2 | 13 51 | 1 0 | 16 43 | 0 40 | 12 14 | 0 19 | 19 25 | 2 50 | 19 53 | 19 35 | 16 5 | 13 1 | 1 14 |
| T 11 | 22 55 | 22 21 | 4 52 | 24 16 | 1 1 | 14 58 | 1 50 | 23 11 | 0 26 | 5 24 | 1 3 | 13 51 | 1 0 | 16 42 | 0 40 | 12 14 | 0 19 | 19 26 | 2 50 | 19 55 | 19 36 | 16 7 | 13 0 | 1 14 |
| W12 | 23 0 | 24 50 | 4 24 | 24 1 | 0 45 | 15 19 | 1 49 | 23 16 | 0 27 | 5 23 | 1 3 | 13 51 | 1 0 | 16 42 | 0 40 | 12 14 | 0 19 | 19 26 | 2 50 | 19 56 | 19 36 | 16 10 | 12 59 | 1 14 |
| T 13 | 23 4 | 26 10 | 3 44 | 23 45 | 0 28 | 15 41 | 1 48 | 23 20 | 0 27 | 5 21 | 1 3 | 13 52 | 1 1 | 16 41 | 0 40 | 12 14 | 0 19 | 19 26 | 2 50 | 19 58 | 19 37 | 16 12 | 12 59 | 1 14 |
| F 14 | 23 8 | 26 14 | 2 53 | 23 28 | 0 10 | 16 1 | 1 47 | 23 24 | 0 28 | 5 20 | 1 4 | 13 52 | 1 1 | 16 40 | 0 40 | 12 14 | 0 19 | 19 26 | 2 50 | 19 59 | 19 38 | 16 15 | 12 58 | 1 14 |
| S 15 | 23 12 | 24 56 | 1 53 | 23 10 | 0n 9 | 16 22 | 1 46 | 23 28 | 0 28 | 5 19 | 1 4 | 13 53 | 1 1 | 16 40 | 0 40 | 12 15 | 0 19 | 19 26 | 2 50 | 20 0 | 19 39 | 16 17 | 12 57 | 1 14 |
| S 16 | 23 15 | 22 20 | 0 46 | 22 52 | 0 29 | 16 42 | 1 44 | 23 32 | 0 29 | 5 17 | 1 4 | 13 53 | 1 1 | 16 39 | 0 40 | 12 15 | 0 19 | 19 26 | 2 50 | 20 1 | 19 39 | 16 19 | 12 57 | 1 14 |
| M17 | 23 17 | 18 34 | 0s25 | 22 33 | 0 49 | 17 2 | 1 43 | 23 36 | 0 30 | 5 16 | 1 4 | 13 54 | 1 1 | 16 38 | 0 40 | 12 15 | 0 19 | 19 27 | 2 50 | 20 1 | 19 40 | 16 22 | 12 56 | 1 14 |
| T 18 | 23 19 | 13 51 | 1 35 | 22 14 | 1 9 | 17 21 | 1 42 | 23 39 | 0 30 | 5 15 | 1 5 | 13 54 | 1 2 | 16 37 | 0 40 | 12 15 | 0 19 | 19 27 | 2 50 | 20 0 | 19 41 | 16 24 | 12 55 | 1 15 |
| W19 | 23 21 | 8 23 | 2 42 | 21 55 | 1 28 | 17 40 | 1 40 | 23 42 | 0 31 | 5 14 | 1 5 | 13 55 | 1 2 | 16 37 | 0 40 | 12 15 | 0 19 | 19 27 | 2 50 | 20 0 | 19 41 | 16 27 | 12 55 | 1 15 |
| T 20 | 23 22 | 2 26 | 3 40 | 21 36 | 1 47 | 17 58 | 1 39 | 23 45 | 0 31 | 5 13 | 1 5 | 13 56 | 1 2 | 16 36 | 0 40 | 12 16 | 0 19 | 19 27 | 2 50 | 20 0 | 19 42 | 16 29 | 12 54 | 1 15 |
| F 21 | 23 23 | 3s42 | 4 27 | 21 17 | 2 4 | 18 16 | 1 37 | 23 47 | 0 32 | 5 12 | 1 5 | 13 56 | 1 2 | 16 35 | 0 40 | 12 16 | 0 19 | 19 27 | 2 50 | 20 0 | 19 43 | 16 32 | 12 54 | 1 15 |
| S 22 | 23 23 | 9 46 | 4 59 | 21 0 | 2 19 | 18 33 | 1 35 | 23 50 | 0 32 | 5 12 | 1 6 | 13 57 | 1 2 | 16 34 | 0 40 | 12 16 | 0 19 | 19 27 | 2 50 | 20 0 | 19 44 | 16 34 | 12 53 | 1 15 |
| S 23 | 23 23 | 15 25 | 5 12 | 20 45 | 2 31 | 18 50 | 1 34 | 23 52 | 0 33 | 5 11 | 1 6 | 13 58 | 1 3 | 16 33 | 0 40 | 12 16 | 0 19 | 19 28 | 2 50 | 20 0 | 19 44 | 16 36 | 12 53 | 1 15 |
| M24 | 23 22 | 20 16 | 5 6 | 20 31 | 2 42 | 19 7 | 1 32 | 23 54 | 0 33 | 5 10 | 1 6 | 13 59 | 1 3 | 16 32 | 0 40 | 12 17 | 0 19 | 19 28 | 2 50 | 20 1 | 19 45 | 16 39 | 12 52 | 1 15 |
| T 25 | 23 21 | 23 55 | 4 41 | 20 20 | 2 49 | 19 23 | 1 30 | 23 55 | 0 34 | 5 10 | 1 6 | 13 59 | 1 3 | 16 32 | 0 40 | 12 17 | 0 19 | 19 28 | 2 50 | 20 2 | 19 46 | 16 41 | 12 52 | 1 15 |
| W26 | 23 19 | 25 59 | 3 57 | 20 12 | 2 55 | 19 38 | 1 28 | 23 57 | 0 35 | 5 9 | 1 7 | 14 0 | 1 3 | 16 31 | 0 40 | 12 17 | 0 19 | 19 28 | 2 50 | 20 3 | 19 46 | 16 43 | 12 51 | 1 15 |
| T 27 | 23 17 | 26 17 | 2 58 | 20 6 | 2 58 | 19 53 | 1 26 | 23 58 | 0 35 | 5 9 | 1 7 | 14 1 | 1 3 | 16 30 | 0 40 | 12 18 | 0 19 | 19 28 | 2 50 | 20 3 | 19 47 | 16 46 | 12 51 | 1 15 |
| F 28 | 23 15 | 24 49 | 1 49 | 20 3 | 3 0 | 20 7 | 1 24 | 23 59 | 0 36 | 5 8 | 1 7 | 14 2 | 1 4 | 16 29 | 0 40 | 12 18 | 0 19 | 19 29 | 2 50 | 20 4 | 19 48 | 16 48 | 12 50 | 1 15 |
| S 29 | 23 12 | 21 50 | 0 34 | 20 2 | 2 59 | 20 21 | 1 22 | 23 59 | 0 36 | 5 8 | 1 7 | 14 3 | 1 4 | 16 28 | 0 40 | 12 18 | 0 19 | 19 29 | 2 50 | 20 4 | 19 48 | 16 51 | 12 50 | 1 15 |
| S 30 | 23 8 | 17 41 | 0n41 | 20 4 | 2 57 | 20 34 | 1 20 | 24 0 | 0 37 | 5 8 | 1 8 | 14 4 | 1 4 | 16 27 | 0 40 | 12 19 | 0 19 | 19 29 | 2 49 | 20 4 | 19 49 | 16 53 | 12 50 | 1 15 |
| M31 | 23s 4 | 12s48 | 1n51 | 20s 7 | 2n53 | 20s47 | 1n18 | 24s 0 | 0s37 | 5n 8 | 1n 8 | 14n 5 | 1n 4 | 16s26 | 0s40 | 12n19 | 0n19 | 19n29 | 2s49 | 20s 4 | 19s50 | 16n55 | 12n49 | 1s15 |

Julian Day Number = 2604550.5, Delta T = 09m33s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'49, Lahiri = 29°42'51


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## JANUARY 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 41 59 | 10♑10'38 | 3♓34 | 20♐ 6 | 12♐27 | 2♑21 | 19♍40 | 25°R12 | 16♒43 | 28°R22 | 17°R 8 | 0♒13 | 1♒14 | 1♉59 | 7°R33 | T 1 |
| W 2 | 6 45 56 | 11°11'45 | 16° 3 | 20°27 | 13°41 | 3° 5 | 19°41 | 25♌ 9 | 16°46 | 28♌21 | 17♋ 7 | 0°14 | 1°10 | 2° 6 | 7♉32 | W 2 |
| T 3 | 6 49 52 | 12°12'52 | 28°17 | 20°55 | 14°56 | 3°50 | 19°41 | 25° 6 | 16°49 | 28°20 | 17° 6 | 0°16 | 1° 7 | 2°12 | 7°31 | T 3 |
| F 4 | 6 53 49 | 13°13'59 | 10♈18 | 21°30 | 16°11 | 4°34 | 19°R42 | 25° 4 | 16°52 | 28°19 | 17° 5 | 0°R16 | 1° 4 | 2°19 | 7°30 | F 4 |
| S 5 | 6 57 45 | 14°15'07 | 22°13 | 22°10 | 17°25 | 5°19 | 19°42 | 25° 0 | 16°55 | 28°18 | 17° 3 | 0°16 | 1° 1 | 2°26 | 7°29 | S 5 |
| S 6 | 7 1 42 | 15°16'14 | 4♉ 5 | 22°56 | 18°40 | 6° 4 | 19°41 | 24°57 | 16°58 | 28°17 | 17° 2 | 0°15 | 0°58 | 2°33 | 7°29 | S 6 |
| M 7 | 7 5 39 | 16°17'21 | 15°59 | 23°47 | 19°55 | 6°49 | 19°41 | 24°54 | 17° 1 | 28°15 | 17° 1 | 0°14 | 0°54 | 2°39 | 7°28 | M 7 |
| T 8 | 7 9 35 | 17°18'28 | 28° 0 | 24°42 | 21° 9 | 7°33 | 19°40 | 24°51 | 17° 4 | 28°14 | 17° 0 | 0°12 | 0°51 | 2°46 | 7°27 | T 8 |
| W 9 | 7 13 32 | 18°19'35 | 10♊11 | 25°41 | 22°24 | 8°18 | 19°40 | 24°48 | 17° 7 | 28°13 | 16°59 | 0°10 | 0°48 | 2°53 | 7°27 | W 9 |
| T 10 | 7 17 28 | 19°20'42 | 22°34 | 26°43 | 23°39 | 9° 3 | 19°39 | 24°44 | 17°10 | 28°12 | 16°57 | 0° 8 | 0°45 | 3° 0 | 7°26 | T 10 |
| F 11 | 7 21 25 | 20°21'49 | 5♋12 | 27°49 | 24°54 | 9°48 | 19°37 | 24°41 | 17°14 | 28°11 | 16°56 | 0° 7 | 0°42 | 3° 6 | 7°26 | F 11 |
| S 12 | 7 25 21 | 21°22'56 | 18° 5 | 28°56 | 26° 8 | 10°33 | 19°36 | 24°37 | 17°17 | 28° 9 | 16°55 | 0° 6 | 0°39 | 3°13 | 7°26 | S 12 |
| S 13 | 7 29 18 | 22°24'03 | 1♌13 | 0♍ 6 | 27°23 | 11°18 | 19°34 | 24°33 | 17°20 | 28° 8 | 16°54 | 0°D 6 | 0°35 | 3°20 | 7°25 | S 13 |
| M14 | 7 33 15 | 23°25'09 | 14°36 | 1°19 | 28°38 | 12° 3 | 19°33 | 24°29 | 17°23 | 28° 7 | 16°52 | 0° 6 | 0°32 | 3°26 | 7°25 | M14 |
| T 15 | 7 37 11 | 24°26'16 | 28°12 | 2°33 | 29°53 | 12°48 | 19°31 | 24°26 | 17°27 | 28° 5 | 16°51 | 0° 7 | 0°29 | 3°33 | 7°25 | T 15 |
| W16 | 7 41 8 | 25°27'22 | 11♍59 | 3°49 | 1♍ 8 | 13°33 | 19°29 | 24°22 | 17°30 | 28° 4 | 16°50 | 0° 7 | 0°26 | 3°40 | 7°25 | W16 |
| T 17 | 7 45 4 | 26°28'29 | 25°55 | 5° 6 | 2°23 | 14°19 | 19°26 | 24°18 | 17°33 | 28° 3 | 16°49 | 0° 8 | 0°23 | 3°47 | 7°D25 | T 17 |
| F 18 | 7 49 1 | 27°29'35 | 9♎59 | 6°25 | 3°37 | 15° 4 | 19°24 | 24°14 | 17°37 | 28° 1 | 16°47 | 0° 8 | 0°20 | 3°53 | 7°25 | F 18 |
| S 19 | 7 52 57 | 28°30'42 | 24° 7 | 7°45 | 4°52 | 15°49 | 19°21 | 24°10 | 17°40 | 28° 0 | 16°46 | 0°R 8 | 0°16 | 4° 0 | 7°25 | S 19 |
| S 20 | 7 56 54 | 29°31'48 | 8♏19 | 9° 6 | 6° 7 | 16°34 | 19°18 | 24° 5 | 17°43 | 27°59 | 16°45 | 0° 8 | 0°13 | 4° 7 | 7°25 | S 20 |
| M21 | 8 0 50 | 0♒32'55 | 22°32 | 10°28 | 7°22 | 17°20 | 19°15 | 24° 1 | 17°47 | 27°57 | 16°44 | 0°D 8 | 0°10 | 4°14 | 7°25 | M21 |
| T 22 | 8 4 47 | 1°34'02 | 6♐42 | 11°51 | 8°37 | 18° 5 | 19°12 | 23°57 | 17°50 | 27°56 | 16°43 | 0° 8 | 0° 7 | 4°20 | 7°26 | T 22 |
| W23 | 8 8 44 | 2°35'08 | 20°49 | 13°15 | 9°52 | 18°51 | 19° 8 | 23°53 | 17°53 | 27°54 | 16°41 | 0° 8 | 0° 4 | 4°27 | 7°26 | W23 |
| T 24 | 8 12 40 | 3°36'15 | 4♑48 | 14°40 | 11° 7 | 19°36 | 19° 5 | 23°48 | 17°57 | 27°53 | 16°40 | 0° 8 | 0° 0 | 4°34 | 7°26 | T 24 |
| F 25 | 8 16 37 | 4°37'21 | 18°36 | 16° 6 | 12°22 | 20°22 | 19° 1 | 23°44 | 18° 0 | 27°51 | 16°39 | 0° 9 | 29♑57 | 4°40 | 7°27 | F 25 |
| S 26 | 8 20 33 | 5°38'26 | 2♒11 | 17°33 | 13°37 | 21° 7 | 18°57 | 23°39 | 18° 4 | 27°50 | 16°38 | 0°R 9 | 29°54 | 4°47 | 7°27 | S 26 |
| S 27 | 8 24 30 | 6°39'31 | 15°30 | 19° 0 | 14°52 | 21°53 | 18°53 | 23°35 | 18° 7 | 27°48 | 16°37 | 0° 9 | 29°51 | 4°54 | 7°28 | S 27 |
| M28 | 8 28 26 | 7°40'35 | 28°33 | 20°28 | 16° 7 | 22°38 | 18°49 | 23°30 | 18°11 | 27°47 | 16°36 | 0° 8 | 29°48 | 5° 1 | 7°29 | M28 |
| T 29 | 8 32 23 | 8°41'38 | 11♓18 | 21°57 | 17°22 | 23°24 | 18°44 | 23°25 | 18°14 | 27°45 | 16°34 | 0° 7 | 29°45 | 5° 7 | 7°29 | T 29 |
| W30 | 8 36 19 | 9°42'41 | 23°47 | 23°26 | 18°37 | 24°10 | 18°39 | 23°21 | 18°17 | 27°43 | 16°33 | 0° 6 | 29°41 | 5°14 | 7°30 | W30 |
| T 31 | 8 40 16 | 10♒43'42 | 6♈ 1 | 24♑57 | 19♑52 | 24♑55 | 18♍35 | 23♌16 | 18♒21 | 27♌42 | 16♋32 | 0♒ 4 | 29♑38 | 5♉21 | 7♉31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 0 | 7s29 | 2n54 | 20s13 | 2n49 | 20s59 | 1n16 | 24s 0 | 0s38 | 5n 8 | 1n 8 | 14n 6 | 1n 4 | 16s25 | 0s40 | 12n19 | 0n19 | 19n29 | 2s49 | 20s 4 | 19s50 | 16n58 | 12n49 | 1s15 |
| W 2 | 22 55 | 2 0 | 3 47 | 20 20 | 2 43 | 21 10 | 1 14 | 23 59 | 0 38 | 5 8 | 1 9 | 14 7 | 1 4 | 16 25 | 0 40 | 12 20 | 0 19 | 19 30 | 2 49 | 20 3 | 19 51 | 17 0 | 12 49 | 1 15 |
| T 3 | 22 50 | 3n25 | 4 28 | 20 28 | 2 37 | 21 21 | 1 11 | 23 59 | 0 39 | 5 8 | 1 9 | 14 8 | 1 5 | 16 24 | 0 40 | 12 20 | 0 19 | 19 30 | 2 49 | 20 3 | 19 52 | 17 2 | 12 48 | 1 15 |
| F 4 | 22 44 | 8 37 | 4 57 | 20 37 | 2 30 | 21 31 | 1 9 | 23 58 | 0 39 | 5 8 | 1 9 | 14 10 | 1 5 | 16 23 | 0 40 | 12 20 | 0 20 | 19 30 | 2 49 | 20 3 | 19 53 | 17 5 | 12 48 | 1 15 |
| S 5 | 22 38 | 13 28 | 5 13 | 20 47 | 2 22 | 21 41 | 1 7 | 23 57 | 0 40 | 5 8 | 1 9 | 14 11 | 1 5 | 16 22 | 0 40 | 12 21 | 0 20 | 19 30 | 2 49 | 20 3 | 19 53 | 17 7 | 12 48 | 1 15 |
| S 6 | 22 31 | 17 47 | 5 15 | 20 58 | 2 14 | 21 50 | 1 4 | 23 55 | 0 40 | 5 9 | 1 10 | 14 12 | 1 5 | 16 21 | 0 40 | 12 21 | 0 20 | 19 30 | 2 49 | 20 3 | 19 54 | 17 9 | 12 48 | 1 15 |
| M 7 | 22 24 | 21 26 | 5 4 | 21 9 | 2 6 | 21 58 | 1 2 | 23 54 | 0 41 | 5 9 | 1 10 | 14 13 | 1 5 | 16 20 | 0 40 | 12 22 | 0 20 | 19 31 | 2 49 | 20 3 | 19 55 | 17 12 | 12 47 | 1 15 |
| T 8 | 22 16 | 24 13 | 4 40 | 21 19 | 1 58 | 22 6 | 1 0 | 23 52 | 0 42 | 5 9 | 1 10 | 14 14 | 1 6 | 16 19 | 0 40 | 12 22 | 0 20 | 19 31 | 2 49 | 20 4 | 19 55 | 17 14 | 12 47 | 1 15 |
| W 9 | 22 8 | 25 55 | 4 2 | 21 30 | 1 49 | 22 13 | 0 57 | 23 50 | 0 42 | 5 10 | 1 10 | 14 16 | 1 6 | 16 18 | 0 40 | 12 22 | 0 20 | 19 31 | 2 49 | 20 4 | 19 56 | 17 16 | 12 47 | 1 15 |
| T 10 | 22 0 | 26 23 | 3 13 | 21 41 | 1 40 | 22 19 | 0 55 | 23 47 | 0 43 | 5 11 | 1 11 | 14 17 | 1 6 | 16 17 | 0 40 | 12 23 | 0 20 | 19 31 | 2 49 | 20 5 | 19 57 | 17 19 | 12 47 | 1 15 |
| F 11 | 21 51 | 25 31 | 2 14 | 21 51 | 1 31 | 22 25 | 0 52 | 23 44 | 0 43 | 5 11 | 1 11 | 14 18 | 1 6 | 16 16 | 0 40 | 12 23 | 0 20 | 19 31 | 2 49 | 20 5 | 19 57 | 17 21 | 12 47 | 1 15 |
| S 12 | 21 41 | 23 16 | 1 6 | 22 1 | 1 22 | 22 30 | 0 50 | 23 42 | 0 44 | 5 12 | 1 11 | 14 20 | 1 6 | 16 15 | 0 40 | 12 24 | 0 20 | 19 32 | 2 49 | 20 5 | 19 58 | 17 23 | 12 47 | 1 15 |
| S 13 | 21 32 | 19 44 | 0s 6 | 22 10 | 1 13 | 22 35 | 0 47 | 23 38 | 0 44 | 5 13 | 1 12 | 14 21 | 1 6 | 16 14 | 0 40 | 12 24 | 0 20 | 19 32 | 2 49 | 20 5 | 19 59 | 17 25 | 12 46 | 1 15 |
| M14 | 21 22 | 15 9 | 1 20 | 22 19 | 1 4 | 22 38 | 0 44 | 23 35 | 0 45 | 5 14 | 1 12 | 14 23 | 1 7 | 16 13 | 0 40 | 12 25 | 0 20 | 19 32 | 2 49 | 20 5 | 19 59 | 17 28 | 12 46 | 1 15 |
| T 15 | 21 11 | 9 44 | 2 30 | 22 26 | 0 55 | 22 41 | 0 42 | 23 31 | 0 45 | 5 15 | 1 12 | 14 24 | 1 7 | 16 12 | 0 40 | 12 25 | 0 20 | 19 32 | 2 49 | 20 5 | 20 0 | 17 30 | 12 46 | 1 15 |
| W16 | 21 0 | 3 47 | 3 32 | 22 33 | 0 47 | 22 44 | 0 39 | 23 27 | 0 46 | 5 16 | 1 12 | 14 25 | 1 7 | 16 11 | 0 40 | 12 26 | 0 20 | 19 33 | 2 48 | 20 5 | 20 1 | 17 32 | 12 46 | 1 15 |
| T 17 | 20 49 | 2s24 | 4 22 | 22 39 | 0 38 | 22 45 | 0 37 | 23 23 | 0 46 | 5 17 | 1 13 | 14 27 | 1 7 | 16 10 | 0 40 | 12 26 | 0 20 | 19 33 | 2 48 | 20 5 | 20 1 | 17 35 | 12 46 | 1 15 |
| F 18 | 20 37 | 8 30 | 4 58 | 22 45 | 0 29 | 22 46 | 0 34 | 23 19 | 0 47 | 5 18 | 1 13 | 14 28 | 1 7 | 16 9 | 0 40 | 12 27 | 0 20 | 19 33 | 2 48 | 20 5 | 20 2 | 17 37 | 12 46 | 1 15 |
| S 19 | 20 25 | 14 13 | 5 15 | 22 49 | 0 21 | 22 47 | 0 31 | 23 14 | 0 47 | 5 20 | 1 13 | 14 30 | 1 7 | 16 8 | 0 40 | 12 27 | 0 20 | 19 33 | 2 48 | 20 5 | 20 3 | 17 39 | 12 46 | 1 15 |
| S 20 | 20 12 | 19 12 | 5 14 | 22 52 | 0 13 | 22 46 | 0 29 | 23 9 | 0 48 | 5 21 | 1 13 | 14 31 | 1 8 | 16 7 | 0 39 | 12 28 | 0 20 | 19 33 | 2 48 | 20 5 | 20 4 | 17 41 | 12 46 | 1 15 |
| M21 | 19 59 | 23 5 | 4 53 | 22 54 | 0 5 | 22 45 | 0 26 | 23 4 | 0 48 | 5 22 | 1 14 | 14 33 | 1 8 | 16 6 | 0 39 | 12 28 | 0 20 | 19 34 | 2 48 | 20 5 | 20 4 | 17 44 | 12 46 | 1 15 |
| T 22 | 19 46 | 25 34 | 4 15 | 22 55 | 0s 3 | 22 43 | 0 23 | 22 58 | 0 49 | 5 24 | 1 14 | 14 35 | 1 8 | 16 5 | 0 39 | 12 29 | 0 20 | 19 34 | 2 48 | 20 5 | 20 5 | 17 46 | 12 46 | 1 15 |
| W23 | 19 32 | 26 25 | 3 21 | 22 55 | 0 11 | 22 41 | 0 21 | 22 53 | 0 49 | 5 26 | 1 14 | 14 36 | 1 8 | 16 4 | 0 39 | 12 29 | 0 20 | 19 34 | 2 48 | 20 5 | 20 6 | 17 48 | 12 47 | 1 15 |
| T 24 | 19 18 | 25 34 | 2 16 | 22 54 | 0 19 | 22 38 | 0 18 | 22 47 | 0 50 | 5 27 | 1 14 | 14 38 | 1 8 | 16 3 | 0 39 | 12 30 | 0 20 | 19 34 | 2 48 | 20 5 | 20 6 | 17 50 | 12 47 | 1 15 |
| F 25 | 19 4 | 23 9 | 1 4 | 22 51 | 0 26 | 22 34 | 0 15 | 22 40 | 0 50 | 5 29 | 1 15 | 14 39 | 1 8 | 16 2 | 0 39 | 12 30 | 0 20 | 19 34 | 2 48 | 20 4 | 20 7 | 17 53 | 12 47 | 1 15 |
| S 26 | 18 49 | 19 27 | 0n11 | 22 47 | 0 33 | 22 29 | 0 12 | 22 34 | 0 51 | 5 31 | 1 15 | 14 41 | 1 8 | 16 1 | 0 39 | 12 31 | 0 20 | 19 35 | 2 48 | 20 4 | 20 8 | 17 55 | 12 47 | 1 15 |
| S 27 | 18 34 | 14 49 | 1 24 | 22 43 | 0 40 | 22 24 | 0 10 | 22 27 | 0 51 | 5 33 | 1 15 | 14 43 | 1 9 | 16 0 | 0 39 | 12 31 | 0 20 | 19 35 | 2 48 | 20 4 | 20 8 | 17 57 | 12 47 | 1 15 |
| M28 | 18 19 | 9 35 | 2 31 | 22 37 | 0 47 | 22 18 | 0 7 | 22 20 | 0 51 | 5 34 | 1 15 | 14 44 | 1 9 | 15 58 | 0 39 | 12 32 | 0 20 | 19 35 | 2 48 | 20 5 | 20 9 | 17 59 | 12 47 | 1 15 |
| T 29 | 18 3 | 4 5 | 3 29 | 22 29 | 0 54 | 22 11 | 0 4 | 22 13 | 0 52 | 5 36 | 1 16 | 14 46 | 1 9 | 15 57 | 0 39 | 12 32 | 0 20 | 19 35 | 2 47 | 20 5 | 20 10 | 18 1 | 12 48 | 1 15 |
| W30 | 17 47 | 1n27 | 4 15 | 22 21 | 1 0 | 22 4 | 0 2 | 22 6 | 0 52 | 5 38 | 1 16 | 14 48 | 1 9 | 15 56 | 0 39 | 12 33 | 0 20 | 19 36 | 2 47 | 20 5 | 20 10 | 18 4 | 12 48 | 1 15 |
| T 31 | 17s30 | 6n48 | 4n49 | 22s11 | 1s 6 | 21s56 | 0s 1 | 21s58 | 0s53 | 5n41 | 1n16 | 14n49 | 1n 9 | 15s55 | 0s39 | 12n34 | 0n20 | 19n36 | 2s47 | 20s 5 | 20s11 | 18n 6 | 12n48 | 1s15 |

Julian Day Number = 2604581.5, Delta T = 09m33s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'54, Lahiri = 29°42'55


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## FEBRUARY 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 44 13 | 11♒44'43 | 18♈ 4 | 26♉27 | 21♉ 7 | 25♉41 | 18°R30 | 23°R11 | 18♒24 | 27°R40 | 16°R31 | 0°R 3 | 29♉35 | 5♉27 | 7♉32 | F 1 |
| S 2 | 8 48 9 | 12°45'43 | 29°59 | 27°59 | 22°22 | 26°27 | 18♍24 | 23♌ 7 | 18°28 | 27♌39 | 16♋30 | 0♒ 2 | 29°32 | 5°34 | 7°33 | S 2 |
| S 3 | 8 52 6 | 13°46'41 | 11♉52 | 29°31 | 23°37 | 27°13 | 18°19 | 23° 2 | 18°31 | 27°37 | 16°29 | 0°D 1 | 29°29 | 5°41 | 7°34 | S 3 |
| M 4 | 8 56 2 | 14°47'39 | 23°46 | 1♒ 4 | 24°52 | 27°59 | 18°14 | 22°57 | 18°35 | 27°35 | 16°28 | 0° 2 | 29°26 | 5°48 | 7°35 | M 4 |
| T 5 | 8 59 59 | 15°48'35 | 5♊46 | 2°37 | 26° 6 | 28°45 | 18° 8 | 22°52 | 18°38 | 27°34 | 16°27 | 0° 2 | 29°22 | 5°54 | 7°36 | T 5 |
| W 6 | 9 3 55 | 16°49'30 | 17°57 | 4°11 | 27°21 | 29°31 | 18° 2 | 22°47 | 18°42 | 27°32 | 16°26 | 0° 4 | 29°19 | 6° 1 | 7°37 | W 6 |
| T 7 | 9 7 52 | 17°50'25 | 0♋23 | 5°46 | 28°36 | 0♒17 | 17°57 | 22°42 | 18°45 | 27°30 | 16°25 | 0° 5 | 29°16 | 6° 8 | 7°38 | T 7 |
| F 8 | 9 11 48 | 18°51'17 | 13° 8 | 7°21 | 29°51 | 1° 3 | 17°51 | 22°38 | 18°49 | 27°29 | 16°24 | 0° 7 | 29°13 | 6°15 | 7°40 | F 8 |
| S 9 | 9 15 45 | 19°52'09 | 26°13 | 8°57 | 1♒ 6 | 1°49 | 17°44 | 22°33 | 18°52 | 27°27 | 16°23 | 0°R 7 | 29°10 | 6°21 | 7°41 | S 9 |
| S 10 | 9 19 42 | 20°53'00 | 9♌39 | 10°34 | 2°21 | 2°35 | 17°38 | 22°28 | 18°56 | 27°25 | 16°22 | 0° 7 | 29° 6 | 6°28 | 7°42 | S 10 |
| M11 | 9 23 38 | 21°53'49 | 23°26 | 12°12 | 3°36 | 3°21 | 17°32 | 22°23 | 18°59 | 27°24 | 16°21 | 0° 6 | 29° 3 | 6°35 | 7°44 | M11 |
| T 12 | 9 27 35 | 22°54'37 | 7♍30 | 13°50 | 4°51 | 4° 7 | 17°25 | 22°18 | 19° 3 | 27°22 | 16°20 | 0° 3 | 29° 0 | 6°41 | 7°45 | T 12 |
| W13 | 9 31 31 | 23°55'24 | 21°48 | 15°29 | 6° 6 | 4°53 | 17°19 | 22°13 | 19° 6 | 27°20 | 16°19 | 0° 0 | 28°57 | 6°48 | 7°47 | W13 |
| T 14 | 9 35 28 | 24°56'10 | 6♎13 | 17° 9 | 7°21 | 5°39 | 17°12 | 22° 8 | 19°10 | 27°19 | 16°18 | 29♉56 | 28°54 | 6°55 | 7°48 | T 14 |
| F 15 | 9 39 24 | 25°56'55 | 20°40 | 18°49 | 8°36 | 6°25 | 17° 5 | 22° 3 | 19°13 | 27°17 | 16°17 | 29°53 | 28°51 | 7° 2 | 7°50 | F 15 |
| S 16 | 9 43 21 | 26°57'39 | 5♏ 4 | 20°31 | 9°51 | 7°12 | 16°58 | 21°58 | 19°17 | 27°15 | 16°16 | 29°50 | 28°47 | 7° 8 | 7°52 | S 16 |
| S 17 | 9 47 17 | 27°58'23 | 19°22 | 22°13 | 11° 6 | 7°58 | 16°51 | 21°53 | 19°20 | 27°14 | 16°15 | 29°49 | 28°44 | 7°15 | 7°54 | S 17 |
| M18 | 9 51 14 | 28°59'05 | 3♐29 | 23°56 | 12°21 | 8°44 | 16°44 | 21°49 | 19°24 | 27°12 | 16°14 | 29°D49 | 28°41 | 7°22 | 7°56 | M18 |
| T 19 | 9 55 11 | 29°59'46 | 17°26 | 25°40 | 13°36 | 9°31 | 16°37 | 21°44 | 19°27 | 27°10 | 16°13 | 29°49 | 28°38 | 7°29 | 7°57 | T 19 |
| W20 | 9 59 7 | 1♓ 0'27 | 1♑10 | 27°24 | 14°51 | 10°17 | 16°29 | 21°39 | 19°31 | 27° 9 | 16°12 | 29°51 | 28°35 | 7°35 | 7°59 | W20 |
| T 21 | 10 3 4 | 2° 1'06 | 14°43 | 29°10 | 16° 6 | 11° 3 | 16°22 | 21°34 | 19°34 | 27° 7 | 16°12 | 29°53 | 28°32 | 7°42 | 8° 1 | T 21 |
| F 22 | 10 7 0 | 3° 1'44 | 28° 3 | 0♓56 | 17°21 | 11°50 | 16°14 | 21°29 | 19°38 | 27° 5 | 16°11 | 29°R53 | 28°28 | 7°49 | 8° 3 | F 22 |
| S 23 | 10 10 57 | 4° 2'20 | 11♒12 | 2°43 | 18°36 | 12°36 | 16° 7 | 21°25 | 19°41 | 27° 4 | 16°10 | 29°53 | 28°25 | 7°55 | 8° 6 | S 23 |
| S 24 | 10 14 53 | 5° 2'56 | 24°10 | 4°31 | 19°51 | 13°23 | 15°59 | 21°20 | 19°44 | 27° 2 | 16° 9 | 29°50 | 28°22 | 8° 2 | 8° 8 | S 24 |
| M25 | 10 18 50 | 6° 3'29 | 6♓55 | 6°20 | 21° 6 | 14° 9 | 15°52 | 21°15 | 19°48 | 27° 0 | 16° 9 | 29°46 | 28°19 | 8° 9 | 8°10 | M25 |
| T 26 | 10 22 46 | 7° 4'02 | 19°28 | 8°10 | 22°21 | 14°56 | 15°44 | 21°11 | 19°51 | 26°59 | 16° 8 | 29°40 | 28°16 | 8°16 | 8°12 | T 26 |
| W27 | 10 26 43 | 8° 4'32 | 1♈49 | 10° 1 | 23°36 | 15°42 | 15°36 | 21° 6 | 19°55 | 26°57 | 16° 7 | 29°33 | 28°12 | 8°22 | 8°14 | W27 |
| T 28 | 10 30 40 | 9♓ 5'01 | 14♈ 0 | 11♓52 | 24♒51 | 16♒29 | 15♍29 | 21♌ 2 | 19♒58 | 26♌55 | 16♋ 6 | 29♉26 | 28♉ 9 | 8♉29 | 8♉17 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s14 | 11n50 | 5n 9 | 22s 0 | 1s12 | 21s47 | 0s 3 | 21s50 | 0s53 | 5n43 | 1n16 | 14n51 | 1n 9 | 15s54 | 0s39 | 12n34 | 0n20 | 19n36 | 2s47 | 20s 6 | 20s12 | 18n 8 | 12n48 | 1s15 |
| S 2 | 16 57 | 16 22 | 5 16 | 21 47 | 1 18 | 21 38 | 0 6 | 21 42 | 0 54 | 5 45 | 1 17 | 14 53 | 1 9 | 15 53 | 0 39 | 12 35 | 0 20 | 19 36 | 2 47 | 20 6 | 20 12 | 18 10 | 12 49 | 1 15 |
| S 3 | 16 39 | 20 16 | 5 10 | 21 34 | 1 23 | 21 28 | 0 9 | 21 33 | 0 54 | 5 47 | 1 17 | 14 54 | 1 9 | 15 52 | 0 39 | 12 35 | 0 20 | 19 36 | 2 47 | 20 6 | 20 13 | 18 12 | 12 49 | 1 15 |
| M 4 | 16 22 | 23 21 | 4 50 | 21 19 | 1 28 | 21 18 | 0 11 | 21 25 | 0 55 | 5 50 | 1 17 | 14 56 | 1 10 | 15 51 | 0 39 | 12 36 | 0 20 | 19 37 | 2 47 | 20 6 | 20 14 | 18 15 | 12 49 | 1 15 |
| T 5 | 16 4 | 25 26 | 4 17 | 21 2 | 1 33 | 21 6 | 0 14 | 21 16 | 0 55 | 5 52 | 1 17 | 14 58 | 1 10 | 15 50 | 0 39 | 12 36 | 0 20 | 19 37 | 2 47 | 20 6 | 20 14 | 18 17 | 12 50 | 1 15 |
| W 6 | 15 46 | 26 22 | 3 32 | 20 45 | 1 37 | 20 55 | 0 16 | 21 7 | 0 56 | 5 54 | 1 17 | 14 59 | 1 10 | 15 49 | 0 39 | 12 37 | 0 20 | 19 37 | 2 47 | 20 6 | 20 15 | 18 19 | 12 50 | 1 15 |
| T 7 | 15 27 | 26 0 | 2 37 | 20 26 | 1 42 | 20 42 | 0 19 | 20 57 | 0 56 | 5 57 | 1 18 | 15 1 | 1 10 | 15 48 | 0 39 | 12 38 | 0 20 | 19 37 | 2 47 | 20 5 | 20 16 | 18 21 | 12 50 | 1 15 |
| F 8 | 15 8 | 24 16 | 1 32 | 20 6 | 1 46 | 20 29 | 0 21 | 20 48 | 0 56 | 5 59 | 1 18 | 15 3 | 1 10 | 15 47 | 0 39 | 12 38 | 0 20 | 19 38 | 2 47 | 20 5 | 20 16 | 18 23 | 12 51 | 1 15 |
| S 9 | 14 49 | 21 13 | 0 22 | 19 44 | 1 49 | 20 15 | 0 24 | 20 38 | 0 57 | 6 2 | 1 18 | 15 4 | 1 10 | 15 46 | 0 39 | 12 39 | 0 20 | 19 38 | 2 47 | 20 5 | 20 17 | 18 25 | 12 51 | 1 15 |
| S 10 | 14 30 | 16 57 | 0s52 | 19 21 | 1 52 | 20 1 | 0 26 | 20 28 | 0 57 | 6 5 | 1 18 | 15 6 | 1 10 | 15 44 | 0 39 | 12 39 | 0 20 | 19 38 | 2 46 | 20 5 | 20 17 | 18 28 | 12 52 | 1 15 |
| M11 | 14 11 | 11 43 | 2 5 | 18 57 | 1 55 | 19 46 | 0 29 | 20 18 | 0 58 | 6 7 | 1 18 | 15 8 | 1 10 | 15 43 | 0 39 | 12 40 | 0 20 | 19 38 | 2 46 | 20 5 | 20 18 | 18 30 | 12 52 | 1 15 |
| T 12 | 13 51 | 5 46 | 3 11 | 18 31 | 1 58 | 19 31 | 0 31 | 20 7 | 0 58 | 6 10 | 1 19 | 15 10 | 1 10 | 15 42 | 0 39 | 12 40 | 0 20 | 19 38 | 2 46 | 20 6 | 20 19 | 18 32 | 12 53 | 1 15 |
| W13 | 13 31 | 0s32 | 4 7 | 18 4 | 2 0 | 19 15 | 0 33 | 19 57 | 0 58 | 6 13 | 1 19 | 15 11 | 1 11 | 15 41 | 0 39 | 12 41 | 0 20 | 19 39 | 2 46 | 20 6 | 20 19 | 18 34 | 12 53 | 1 15 |
| T 14 | 13 11 | 6 51 | 4 47 | 17 36 | 2 2 | 18 58 | 0 36 | 19 46 | 0 59 | 6 16 | 1 19 | 15 13 | 1 11 | 15 40 | 0 39 | 12 42 | 0 20 | 19 39 | 2 46 | 20 7 | 20 20 | 18 36 | 12 54 | 1 15 |
| F 15 | 12 50 | 12 50 | 5 9 | 17 7 | 2 4 | 18 41 | 0 38 | 19 35 | 0 59 | 6 18 | 1 19 | 15 15 | 1 11 | 15 39 | 0 40 | 12 42 | 0 20 | 19 39 | 2 46 | 20 8 | 20 21 | 18 38 | 12 54 | 1 15 |
| S 16 | 12 30 | 18 5 | 5 12 | 16 36 | 2 5 | 18 23 | 0 40 | 19 24 | 1 0 | 6 21 | 1 19 | 15 16 | 1 11 | 15 38 | 0 40 | 12 43 | 0 20 | 19 39 | 2 46 | 20 8 | 20 21 | 18 40 | 12 55 | 1 15 |
| S 17 | 12 9 | 22 16 | 4 55 | 16 4 | 2 6 | 18 5 | 0 42 | 19 12 | 1 0 | 6 24 | 1 19 | 15 18 | 1 11 | 15 37 | 0 40 | 12 43 | 0 20 | 19 39 | 2 46 | 20 9 | 20 22 | 18 42 | 12 55 | 1 15 |
| M18 | 11 48 | 25 4 | 4 21 | 15 30 | 2 6 | 17 46 | 0 45 | 19 0 | 1 0 | 6 27 | 1 20 | 15 20 | 1 11 | 15 36 | 0 40 | 12 44 | 0 20 | 19 40 | 2 46 | 20 9 | 20 23 | 18 45 | 12 56 | 1 15 |
| T 19 | 11 27 | 26 18 | 3 32 | 14 55 | 2 6 | 17 27 | 0 47 | 18 48 | 1 1 | 6 30 | 1 20 | 15 21 | 1 11 | 15 35 | 0 40 | 12 45 | 0 20 | 19 40 | 2 46 | 20 9 | 20 23 | 18 47 | 12 56 | 1 15 |
| W20 | 11 6 | 25 53 | 2 31 | 14 19 | 2 6 | 17 7 | 0 49 | 18 36 | 1 1 | 6 33 | 1 20 | 15 23 | 1 11 | 15 34 | 0 40 | 12 45 | 0 20 | 19 40 | 2 45 | 20 8 | 20 24 | 18 49 | 12 57 | 1 15 |
| T 21 | 10 44 | 23 56 | 1 22 | 13 41 | 2 5 | 16 47 | 0 51 | 18 24 | 1 1 | 6 36 | 1 20 | 15 24 | 1 11 | 15 33 | 0 40 | 12 46 | 0 20 | 19 40 | 2 45 | 20 8 | 20 25 | 18 51 | 12 58 | 1 15 |
| F 22 | 10 22 | 20 40 | 0 10 | 13 3 | 2 4 | 16 26 | 0 53 | 18 12 | 1 2 | 6 39 | 1 20 | 15 26 | 1 11 | 15 32 | 0 40 | 12 46 | 0 20 | 19 40 | 2 45 | 20 8 | 20 25 | 18 53 | 12 58 | 1 15 |
| S 23 | 10 0 | 16 23 | 1n 1 | 12 22 | 2 2 | 16 5 | 0 55 | 17 59 | 1 2 | 6 42 | 1 20 | 15 28 | 1 11 | 15 30 | 0 40 | 12 47 | 0 20 | 19 41 | 2 45 | 20 8 | 20 26 | 18 55 | 12 59 | 1 15 |
| S 24 | 9 38 | 11 25 | 2 8 | 11 41 | 1 59 | 15 43 | 0 57 | 17 46 | 1 3 | 6 45 | 1 20 | 15 29 | 1 11 | 15 29 | 0 40 | 12 47 | 0 20 | 19 41 | 2 45 | 20 8 | 20 27 | 18 57 | 13 0 | 1 15 |
| M25 | 9 16 | 6 3 | 3 8 | 10 58 | 1 57 | 15 21 | 0 58 | 17 33 | 1 3 | 6 48 | 1 21 | 15 31 | 1 11 | 15 28 | 0 40 | 12 48 | 0 20 | 19 41 | 2 45 | 20 9 | 20 27 | 18 59 | 13 0 | 1 15 |
| T 26 | 8 54 | 0 32 | 3 57 | 10 14 | 1 53 | 14 59 | 1 0 | 17 20 | 1 3 | 6 51 | 1 21 | 15 32 | 1 12 | 15 27 | 0 40 | 12 49 | 0 20 | 19 41 | 2 45 | 20 10 | 20 28 | 19 1 | 13 1 | 1 15 |
| W27 | 8 31 | 4n55 | 4 34 | 9 29 | 1 49 | 14 36 | 1 2 | 17 6 | 1 4 | 6 54 | 1 21 | 15 34 | 1 12 | 15 26 | 0 40 | 12 49 | 0 20 | 19 41 | 2 45 | 20 12 | 20 28 | 19 3 | 13 2 | 1 16 |
| T 28 | 8s 9 | 10n 5 | 4n58 | 8s43 | 1s45 | 14s13 | 1s 4 | 16s53 | 1s 4 | 6n57 | 1n21 | 15n35 | 1n12 | 15s25 | 0s40 | 12n50 | 0n20 | 19n42 | 2s45 | 20s14 | 20s29 | 19n 5 | 13n 3 | 1s16 |

Julian Day Number = 2604612.5, Delta T = 09m34s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°35'58, Lahiri = 29°42'59


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## MARCH 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 34 36 | 10♓ 5'29 | 26♈ 1 | 13♓44 | 26♒ 6 | 17♒15 | 15°R21 | 20°R57 | 20♒ 1 | 26°R54 | 16°R 6 | 29°R18 | 28♉ 6 | 8♉36 | 8♉19 | F 1 |
| S 2 | 10 38 33 | 11° 5'54 | 7♉55 | 15°36 | 27°21 | 18° 2 | 15♍13 | 20♌53 | 20° 5 | 26♌52 | 16♋ 5 | 29♉12 | 28° 3 | 8°42 | 8°22 | S 2 |
| S 3 | 10 42 29 | 12° 6'18 | 19°47 | 17°29 | 28°36 | 18°49 | 15° 5 | 20°48 | 20° 8 | 26°50 | 16° 4 | 29° 7 | 28° 0 | 8°49 | 8°24 | S 3 |
| M 4 | 10 46 26 | 13° 6'40 | 1♊39 | 19°23 | 29°51 | 19°35 | 14°57 | 20°44 | 20°11 | 26°49 | 16° 4 | 29° 5 | 27°57 | 8°56 | 8°27 | M 4 |
| T 5 | 10 50 22 | 14° 7'00 | 13°36 | 21°16 | 1♓ 5 | 20°22 | 14°49 | 20°40 | 20°14 | 26°47 | 16° 3 | 29°D 4 | 27°53 | 9° 3 | 8°29 | T 5 |
| W 6 | 10 54 19 | 15° 7'18 | 25°44 | 23°10 | 2°20 | 21° 9 | 14°41 | 20°35 | 20°18 | 26°46 | 16° 3 | 29° 4 | 27°50 | 9° 9 | 8°32 | W 6 |
| T 7 | 10 58 15 | 16° 7'34 | 8♋ 7 | 25° 4 | 3°35 | 21°55 | 14°34 | 20°31 | 20°21 | 26°44 | 16° 2 | 29° 6 | 27°47 | 9°16 | 8°35 | T 7 |
| F 8 | 11 2 12 | 17° 7'48 | 20°51 | 26°58 | 4°50 | 22°42 | 14°26 | 20°27 | 20°24 | 26°43 | 16° 2 | 29° 7 | 27°44 | 9°23 | 8°37 | F 8 |
| S 9 | 11 6 9 | 18° 8'00 | 3♌59 | 28°51 | 6° 5 | 23°29 | 14°18 | 20°23 | 20°27 | 26°41 | 16° 1 | 29°R 7 | 27°41 | 9°29 | 8°40 | S 9 |
| S 10 | 11 10 5 | 19° 8'10 | 17°33 | 0♈43 | 7°20 | 24°15 | 14°10 | 20°19 | 20°31 | 26°39 | 16° 1 | 29° 5 | 27°38 | 9°36 | 8°43 | S 10 |
| M11 | 11 14 2 | 20° 8'19 | 1♍33 | 2°34 | 8°35 | 25° 2 | 14° 2 | 20°15 | 20°34 | 26°38 | 16° 0 | 29° 2 | 27°34 | 9°43 | 8°46 | M11 |
| T 12 | 11 17 58 | 21° 8'25 | 15°57 | 4°23 | 9°49 | 25°49 | 13°54 | 20°11 | 20°37 | 26°36 | 16° 0 | 28°56 | 27°31 | 9°50 | 8°49 | T 12 |
| W13 | 11 21 55 | 22° 8'29 | 0♎40 | 6°10 | 11° 4 | 26°36 | 13°47 | 20° 7 | 20°40 | 26°35 | 15°59 | 28°48 | 27°28 | 9°56 | 8°52 | W13 |
| T 14 | 11 25 51 | 23° 8'32 | 15°34 | 7°55 | 12°19 | 27°22 | 13°39 | 20° 4 | 20°43 | 26°33 | 15°59 | 28°39 | 27°25 | 10° 3 | 8°55 | T 14 |
| F 15 | 11 29 48 | 24° 8'32 | 0♏30 | 9°37 | 13°34 | 28° 9 | 13°31 | 20° 0 | 20°46 | 26°32 | 15°59 | 28°31 | 27°22 | 10°10 | 8°58 | F 15 |
| S 16 | 11 33 44 | 25° 8'32 | 15°18 | 11°15 | 14°49 | 28°56 | 13°24 | 19°57 | 20°49 | 26°31 | 15°58 | 28°24 | 27°18 | 10°17 | 9° 1 | S 16 |
| S 17 | 11 37 41 | 26° 8'29 | 29°53 | 12°50 | 16° 3 | 29°43 | 13°16 | 19°53 | 20°52 | 26°29 | 15°58 | 28°18 | 27°15 | 10°23 | 9° 4 | S 17 |
| M18 | 11 41 37 | 27° 8'25 | 14♐ 9 | 14°20 | 17°18 | 0♓30 | 13° 9 | 19°50 | 20°55 | 26°28 | 15°58 | 28°16 | 27°12 | 10°30 | 9° 7 | M18 |
| T 19 | 11 45 34 | 28° 8'20 | 28° 5 | 15°45 | 18°33 | 1°16 | 13° 1 | 19°46 | 20°58 | 26°26 | 15°57 | 28°D15 | 27° 9 | 10°37 | 9°10 | T 19 |
| W20 | 11 49 31 | 29° 8'13 | 11♑42 | 17° 4 | 19°48 | 2° 3 | 12°54 | 19°43 | 21° 1 | 26°25 | 15°57 | 28°15 | 27° 6 | 10°43 | 9°13 | W20 |
| T 21 | 11 53 27 | 0♈ 8'04 | 25° 0 | 18°18 | 21° 3 | 2°50 | 12°47 | 19°40 | 21° 4 | 26°24 | 15°57 | 28°R16 | 27° 3 | 10°50 | 9°16 | T 21 |
| F 22 | 11 57 24 | 1° 7'54 | 8♒ 2 | 19°25 | 22°17 | 3°37 | 12°40 | 19°37 | 21° 7 | 26°22 | 15°57 | 28°15 | 26°59 | 10°57 | 9°20 | F 22 |
| S 23 | 12 1 20 | 2° 7'42 | 20°51 | 20°24 | 23°32 | 4°24 | 12°32 | 19°34 | 21°10 | 26°21 | 15°57 | 28°13 | 26°56 | 11° 4 | 9°23 | S 23 |
| S 24 | 12 5 17 | 3° 7'28 | 3♓28 | 21°17 | 24°47 | 5°11 | 12°25 | 19°31 | 21°13 | 26°20 | 15°56 | 28° 8 | 26°53 | 11°10 | 9°26 | S 24 |
| M25 | 12 9 13 | 4° 7'12 | 15°55 | 22° 2 | 26° 1 | 5°58 | 12°19 | 19°28 | 21°15 | 26°18 | 15°56 | 28° 0 | 26°50 | 11°17 | 9°29 | M25 |
| T 26 | 12 13 10 | 5° 6'54 | 28°13 | 22°40 | 27°16 | 6°44 | 12°12 | 19°26 | 21°18 | 26°17 | 15°56 | 27°50 | 26°47 | 11°24 | 9°33 | T 26 |
| W27 | 12 17 6 | 6° 6'35 | 10♈23 | 23° 9 | 28°31 | 7°31 | 12° 5 | 19°23 | 21°21 | 26°16 | 15°56 | 27°37 | 26°43 | 11°30 | 9°36 | W27 |
| T 28 | 12 21 3 | 7° 6'13 | 22°26 | 23°30 | 29°46 | 8°18 | 11°59 | 19°21 | 21°24 | 26°15 | 15°56 | 27°24 | 26°40 | 11°37 | 9°40 | T 28 |
| F 29 | 12 25 0 | 8° 5'49 | 4♉23 | 23°43 | 1♈ 0 | 9° 5 | 11°52 | 19°18 | 21°26 | 26°14 | 15°56 | 27°11 | 26°37 | 11°44 | 9°43 | F 29 |
| S 30 | 12 28 56 | 9° 5'23 | 16°16 | 23°R49 | 2°15 | 9°52 | 11°46 | 19°16 | 21°29 | 26°12 | 15°D56 | 26°59 | 26°34 | 11°51 | 9°47 | S 30 |
| S 31 | 12 32 53 | 10♈ 4'56 | 28♉ 6 | 23♈46 | 3♈29 | 10♓39 | 11♍39 | 19♌14 | 21♒31 | 26♌11 | 15♋56 | 26♉50 | 26♉31 | 11♉57 | 9♉50 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 7s46 | 14n49 | 5n 9 | 7s55 | 1s40 | 13s49 | 1s 5 | 16s39 | 1s 4 | 7n 1 | 1n21 | 15n37 | 1n12 | 15s24 | 0s40 | 12n50 | 0n20 | 19n42 | 2s44 | 20s15 | 20s30 | 19n 7 | 13n 3 | 1s16 | |
| S 2 | 7 23 | 18 56 | 5 6 | 7 7 | 1 34 | 13 25 | 1 7 | 16 25 | 1 5 | 7 4 | 1 21 | 15 38 | 1 12 | 15 23 | 0 40 | 12 51 | 0 20 | 19 42 | 2 44 | 20 16 | 20 30 | 19 9 | 13 4 | 1 16 | |
| S 3 | 7 0 | 22 17 | 4 49 | 6 17 | 1 28 | 13 0 | 1 8 | 16 11 | 1 5 | 7 7 | 1 21 | 15 40 | 1 12 | 15 22 | 0 40 | 12 51 | 0 20 | 19 42 | 2 44 | 20 17 | 20 31 | 19 11 | 13 5 | 1 16 | |
| M 4 | 6 37 | 24 42 | 4 21 | 5 27 | 1 21 | 12 36 | 1 10 | 15 57 | 1 5 | 7 10 | 1 21 | 15 41 | 1 12 | 15 21 | 0 40 | 12 52 | 0 20 | 19 42 | 2 44 | 20 18 | 20 32 | 19 13 | 13 6 | 1 16 | |
| T 5 | 6 14 | 26 2 | 3 41 | 4 35 | 1 14 | 12 10 | 1 11 | 15 42 | 1 5 | 7 13 | 1 21 | 15 43 | 1 12 | 15 20 | 0 40 | 12 53 | 0 20 | 19 43 | 2 44 | 20 18 | 20 32 | 19 16 | 13 6 | 1 16 | |
| W 6 | 5 51 | 26 9 | 2 50 | 3 43 | 1 6 | 11 45 | 1 13 | 15 27 | 1 6 | 7 16 | 1 21 | 15 44 | 1 12 | 15 19 | 0 40 | 12 53 | 0 20 | 19 43 | 2 44 | 20 18 | 20 33 | 19 18 | 13 7 | 1 16 | |
| T 7 | 5 28 | 24 59 | 1 51 | 2 50 | 0 58 | 11 19 | 1 14 | 15 13 | 1 6 | 7 19 | 1 21 | 15 45 | 1 12 | 15 18 | 0 40 | 12 54 | 0 20 | 19 43 | 2 44 | 20 18 | 20 34 | 19 20 | 13 8 | 1 16 | |
| F 8 | 5 4 | 22 30 | 0 44 | 1 57 | 0 48 | 10 53 | 1 15 | 14 58 | 1 6 | 7 22 | 1 22 | 15 47 | 1 12 | 15 17 | 0 40 | 12 54 | 0 20 | 19 43 | 2 44 | 20 17 | 20 34 | 19 22 | 13 9 | 1 16 | |
| S 9 | 4 41 | 18 48 | 0s26 | 1 3 | 0 39 | 10 27 | 1 16 | 14 43 | 1 7 | 7 25 | 1 22 | 15 48 | 1 12 | 15 16 | 0 40 | 12 55 | 0 20 | 19 43 | 2 44 | 20 17 | 20 35 | 19 24 | 13 10 | 1 16 | |
| S 10 | 4 17 | 14 0 | 1 38 | 0 9 | 0 28 | 10 0 | 1 18 | 14 28 | 1 7 | 7 28 | 1 22 | 15 49 | 1 12 | 15 15 | 0 40 | 12 55 | 0 20 | 19 43 | 2 43 | 20 18 | 20 35 | 19 26 | 13 11 | 1 16 | |
| M11 | 3 54 | 8 19 | 2 45 | 0n45 | 0 17 | 9 33 | 1 19 | 14 12 | 1 7 | 7 31 | 1 22 | 15 50 | 1 12 | 15 14 | 0 40 | 12 56 | 0 20 | 19 44 | 2 43 | 20 18 | 20 36 | 19 28 | 13 12 | 1 16 | |
| T 12 | 3 30 | 2 5 | 3 44 | 1 39 | 0 6 | 9 6 | 1 20 | 13 57 | 1 7 | 7 34 | 1 22 | 15 52 | 1 12 | 15 13 | 0 40 | 12 56 | 0 20 | 19 44 | 2 43 | 20 20 | 20 37 | 19 30 | 13 12 | 1 16 | |
| W13 | 3 7 | 4s23 | 4 30 | 2 32 | 0n 6 | 8 38 | 1 21 | 13 41 | 1 8 | 7 37 | 1 22 | 15 53 | 1 12 | 15 12 | 0 40 | 12 57 | 0 20 | 19 44 | 2 43 | 20 21 | 20 37 | 19 32 | 13 13 | 1 16 | |
| T 14 | 2 43 | 10 41 | 4 57 | 3 25 | 0 18 | 8 11 | 1 21 | 13 25 | 1 8 | 7 40 | 1 22 | 15 54 | 1 12 | 15 11 | 0 40 | 12 57 | 0 20 | 19 44 | 2 43 | 20 23 | 20 38 | 19 34 | 13 14 | 1 16 | |
| F 15 | 2 19 | 16 23 | 5 5 | 4 16 | 0 31 | 7 43 | 1 22 | 13 9 | 1 8 | 7 43 | 1 22 | 15 55 | 1 12 | 15 10 | 0 40 | 12 58 | 0 20 | 19 44 | 2 43 | 20 25 | 20 39 | 19 35 | 13 15 | 1 16 | |
| S 16 | 1 56 | 21 2 | 4 52 | 5 7 | 0 44 | 7 15 | 1 23 | 12 53 | 1 8 | 7 46 | 1 22 | 15 56 | 1 12 | 15 9 | 0 40 | 12 58 | 0 20 | 19 44 | 2 43 | 20 26 | 20 39 | 19 37 | 13 16 | 1 16 | |
| S 17 | 1 32 | 24 19 | 4 20 | 5 56 | 0 57 | 6 46 | 1 24 | 12 37 | 1 9 | 7 49 | 1 22 | 15 58 | 1 12 | 15 8 | 0 40 | 12 59 | 0 20 | 19 45 | 2 43 | 20 27 | 20 40 | 19 39 | 13 17 | 1 16 | |
| M18 | 1 8 | 25 58 | 3 33 | 6 43 | 1 10 | 6 18 | 1 24 | 12 21 | 1 9 | 7 52 | 1 22 | 15 59 | 1 12 | 15 7 | 0 40 | 12 59 | 0 20 | 19 45 | 2 42 | 20 28 | 20 40 | 19 41 | 13 18 | 1 16 | |
| T 19 | 0 44 | 25 56 | 2 34 | 7 28 | 1 23 | 5 49 | 1 25 | 12 4 | 1 9 | 7 55 | 1 22 | 16 0 | 1 12 | 15 6 | 0 40 | 13 0 | 0 20 | 19 45 | 2 42 | 20 28 | 20 41 | 19 43 | 13 19 | 1 16 | |
| W20 | 0 21 | 24 19 | 1 27 | 8 11 | 1 37 | 5 20 | 1 25 | 11 48 | 1 9 | 7 58 | 1 22 | 16 1 | 1 12 | 15 5 | 0 40 | 13 0 | 0 20 | 19 45 | 2 42 | 20 28 | 20 42 | 19 45 | 13 20 | 1 16 | |
| T 21 | 0n 3 | 21 22 | 0 17 | 8 51 | 1 49 | 4 51 | 1 26 | 11 31 | 1 9 | 8 0 | 1 22 | 16 2 | 1 12 | 15 5 | 0 40 | 13 1 | 0 20 | 19 45 | 2 42 | 20 28 | 20 42 | 19 47 | 13 21 | 1 16 | |
| F 22 | 0 27 | 17 23 | 0n52 | 9 28 | 2 2 | 4 22 | 1 26 | 11 14 | 1 10 | 8 3 | 1 22 | 16 3 | 1 12 | 15 4 | 0 40 | 13 1 | 0 20 | 19 45 | 2 42 | 20 28 | 20 43 | 19 49 | 13 22 | 1 16 | |
| S 23 | 0 51 | 12 40 | 1 57 | 10 2 | 2 14 | 3 53 | 1 26 | 10 58 | 1 10 | 8 6 | 1 22 | 16 4 | 1 12 | 15 3 | 0 40 | 13 2 | 0 20 | 19 45 | 2 42 | 20 28 | 20 43 | 19 51 | 13 23 | 1 16 | |
| S 24 | 1 14 | 7 29 | 2 56 | 10 32 | 2 26 | 3 24 | 1 27 | 10 41 | 1 10 | 8 8 | 1 22 | 16 4 | 1 12 | 15 2 | 0 40 | 13 2 | 0 20 | 19 46 | 2 42 | 20 29 | 20 44 | 19 53 | 13 24 | 1 16 | |
| M25 | 1 38 | 2 5 | 3 45 | 10 59 | 2 37 | 2 54 | 1 27 | 10 24 | 1 10 | 8 11 | 1 22 | 16 5 | 1 12 | 15 1 | 0 40 | 13 2 | 0 20 | 19 46 | 2 42 | 20 31 | 20 45 | 19 55 | 13 25 | 1 16 | |
| T 26 | 2 2 | 3n19 | 4 23 | 11 23 | 2 47 | 2 25 | 1 27 | 10 6 | 1 10 | 8 14 | 1 22 | 16 6 | 1 12 | 15 0 | 0 40 | 13 3 | 0 20 | 19 46 | 2 42 | 20 33 | 20 45 | 19 57 | 13 26 | 1 16 | |
| W27 | 2 25 | 8 31 | 4 48 | 11 42 | 2 56 | 1 55 | 1 27 | 9 49 | 1 10 | 8 16 | 1 21 | 16 7 | 1 12 | 14 59 | 0 40 | 13 3 | 0 20 | 19 46 | 2 41 | 20 35 | 20 46 | 19 59 | 13 27 | 1 16 | |
| T 28 | 2 49 | 13 21 | 5 0 | 11 57 | 3 4 | 1 26 | 1 27 | 9 32 | 1 11 | 8 19 | 1 21 | 16 8 | 1 12 | 14 58 | 0 40 | 13 4 | 0 20 | 19 46 | 2 41 | 20 38 | 20 46 | 20 1 | 13 28 | 1 16 | |
| F 29 | 3 12 | 17 38 | 4 59 | 12 8 | 3 11 | 0 56 | 1 27 | 9 14 | 1 11 | 8 21 | 1 21 | 16 8 | 1 12 | 14 58 | 0 40 | 13 4 | 0 20 | 19 46 | 2 41 | 20 41 | 20 47 | 20 3 | 13 29 | 1 16 | |
| S 30 | 3 36 | 21 12 | 4 45 | 12 15 | 3 16 | 0 26 | 1 27 | 8 57 | 1 11 | 8 23 | 1 21 | 16 9 | 1 12 | 14 57 | 0 40 | 13 4 | 0 20 | 19 46 | 2 41 | 20 43 | 20 48 | 20 4 | 13 30 | 1 16 | |
| S 31 | 3n59 | 23n53 | 4n18 | 12n18 | 3n20 | 0n 4 | 1s27 | 8s39 | 1s11 | 8n26 | 1n21 | 16n10 | 1n12 | 14s56 | 0s40 | 13n 5 | 0n20 | 19n46 | 2s41 | 20s45 | 20s48 | 20n 6 | 13n31 | 1s16 | |

Julian Day Number = 2604640.5, Delta T = 09m34s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'02, Lahiri = 29°43'03


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## APRIL 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 36 49 | 11♈ 4'25 | 9♊57 | 23°R35 | 4♈44 | 11♓26 | 11°R33 | 19°R12 | 21♒34 | 26°R10 | 15♋56 | 26°R43 | 26♑28 | 12♉ 4 | 9♉54 | M 1 |
| T 2 | 12 40 46 | 12° 3'53 | 21°53 | 23♈18 | 5°59 | 12°13 | 11♍27 | 19♌10 | 21°37 | 26♌ 9 | 15°56 | 26♑39 | 26°24 | 12°11 | 9°57 | T 2 |
| W 3 | 12 44 42 | 13° 3'19 | 3♋58 | 22°53 | 7°13 | 13° 0 | 11°22 | 19° 8 | 21°39 | 26° 8 | 15°56 | 26°37 | 26°21 | 12°17 | 10° 1 | W 3 |
| T 4 | 12 48 39 | 14° 2'42 | 16°17 | 22°23 | 8°28 | 13°46 | 11°16 | 19° 6 | 21°42 | 26° 7 | 15°56 | 26°D37 | 26°18 | 12°24 | 10° 4 | T 4 |
| F 5 | 12 52 35 | 15° 2'03 | 28°56 | 21°47 | 9°42 | 14°33 | 11°10 | 19° 4 | 21°44 | 26° 6 | 15°56 | 26°R37 | 26°15 | 12°31 | 10° 8 | F 5 |
| S 6 | 12 56 32 | 16° 1'21 | 11♌59 | 21° 7 | 10°57 | 15°20 | 11° 5 | 19° 3 | 21°46 | 26° 5 | 15°56 | 26°36 | 26°12 | 12°38 | 10°12 | S 6 |
| S 7 | 13 0 29 | 17° 0'37 | 25°30 | 20°23 | 12°11 | 16° 7 | 11° 0 | 19° 1 | 21°49 | 26° 4 | 15°57 | 26°34 | 26° 9 | 12°44 | 10°15 | S 7 |
| M 8 | 13 4 25 | 17°59'51 | 9♍31 | 19°36 | 13°26 | 16°54 | 10°55 | 19° 0 | 21°51 | 26° 3 | 15°57 | 26°28 | 26° 5 | 12°51 | 10°19 | M 8 |
| T 9 | 13 8 22 | 18°59'03 | 24° 0 | 18°47 | 14°40 | 17°41 | 10°50 | 18°58 | 21°53 | 26° 2 | 15°57 | 26°21 | 26° 2 | 12°58 | 10°23 | T 9 |
| W10 | 13 12 18 | 19°58'12 | 8♎54 | 17°58 | 15°55 | 18°27 | 10°45 | 18°57 | 21°56 | 26° 2 | 15°57 | 26°11 | 25°59 | 13° 4 | 10°26 | W10 |
| T 11 | 13 16 15 | 20°57'20 | 24° 4 | 17° 9 | 17° 9 | 19°14 | 10°40 | 18°56 | 21°58 | 26° 1 | 15°58 | 26° 0 | 25°56 | 13°11 | 10°30 | T 11 |
| F 12 | 13 20 11 | 21°56'25 | 9♏20 | 16°21 | 18°24 | 20° 1 | 10°36 | 18°55 | 22° 0 | 26° 0 | 15°58 | 25°49 | 25°53 | 13°18 | 10°34 | F 12 |
| S 13 | 13 24 8 | 22°55'29 | 24°30 | 15°35 | 19°38 | 20°48 | 10°32 | 18°54 | 22° 2 | 25°59 | 15°58 | 25°39 | 25°49 | 13°25 | 10°38 | S 13 |
| S 14 | 13 28 4 | 23°54'31 | 9♐25 | 14°52 | 20°53 | 21°35 | 10°28 | 18°54 | 22° 4 | 25°58 | 15°58 | 25°32 | 25°46 | 13°31 | 10°42 | S 14 |
| M15 | 13 32 1 | 24°53'31 | 23°57 | 14°12 | 22° 7 | 22°21 | 10°24 | 18°53 | 22° 6 | 25°58 | 15°59 | 25°27 | 25°43 | 13°38 | 10°45 | M15 |
| T 16 | 13 35 58 | 25°52'29 | 8♑ 4 | 13°36 | 23°21 | 23° 8 | 10°20 | 18°53 | 22° 8 | 25°57 | 15°59 | 25°25 | 25°40 | 13°45 | 10°49 | T 16 |
| W17 | 13 39 54 | 26°51'26 | 21°44 | 13° 5 | 24°36 | 23°55 | 10°16 | 18°52 | 22°10 | 25°56 | 16° 0 | 25°24 | 25°37 | 13°51 | 10°53 | W17 |
| T 18 | 13 43 51 | 27°50'21 | 5♒ 1 | 12°39 | 25°50 | 24°42 | 10°13 | 18°52 | 22°12 | 25°56 | 16° 0 | 25°24 | 25°34 | 13°58 | 10°57 | T 18 |
| F 19 | 13 47 47 | 28°49'14 | 17°56 | 12°18 | 27° 5 | 25°29 | 10° 9 | 18°52 | 22°14 | 25°55 | 16° 1 | 25°23 | 25°30 | 14° 5 | 11° 1 | F 19 |
| S 20 | 13 51 44 | 29°48'05 | 0♓35 | 12° 2 | 28°19 | 26°15 | 10° 6 | 18°D52 | 22°16 | 25°55 | 16° 1 | 25°21 | 25°27 | 14°12 | 11° 5 | S 20 |
| S 21 | 13 55 40 | 0♉46'55 | 12°59 | 11°51 | 29°33 | 27° 2 | 10° 3 | 18°52 | 22°17 | 25°54 | 16° 1 | 25°15 | 25°24 | 14°18 | 11° 8 | S 21 |
| M22 | 13 59 37 | 1°45'42 | 25°14 | 11°46 | 0♉47 | 27°49 | 10° 1 | 18°52 | 22°19 | 25°54 | 16° 2 | 25° 7 | 25°21 | 14°25 | 11°12 | M22 |
| T 23 | 14 3 33 | 2°44'28 | 7♈20 | 11°D45 | 2° 2 | 28°35 | 9°58 | 18°52 | 22°21 | 25°53 | 16° 3 | 24°55 | 25°18 | 14°32 | 11°16 | T 23 |
| W24 | 14 7 30 | 3°43'13 | 19°20 | 11°50 | 3°16 | 29°22 | 9°56 | 18°52 | 22°23 | 25°53 | 16° 3 | 24°42 | 25°15 | 14°38 | 11°20 | W24 |
| T 25 | 14 11 27 | 4°41'55 | 1♉16 | 12° 0 | 4°30 | 0♈ 9 | 9°54 | 18°53 | 22°24 | 25°52 | 16° 4 | 24°28 | 25°11 | 14°45 | 11°24 | T 25 |
| F 26 | 14 15 23 | 5°40'35 | 13° 9 | 12°15 | 5°45 | 0°55 | 9°52 | 18°53 | 22°26 | 25°52 | 16° 4 | 24°14 | 25° 8 | 14°52 | 11°28 | F 26 |
| S 27 | 14 19 20 | 6°39'14 | 25° 0 | 12°35 | 6°59 | 1°42 | 9°50 | 18°54 | 22°27 | 25°52 | 16° 5 | 24° 2 | 25° 5 | 14°59 | 11°32 | S 27 |
| S 28 | 14 23 16 | 7°37'50 | 6♊51 | 12°59 | 8°13 | 2°29 | 9°48 | 18°55 | 22°29 | 25°51 | 16° 6 | 23°51 | 25° 2 | 15° 5 | 11°36 | S 28 |
| M29 | 14 27 13 | 8°36'25 | 18°44 | 13°28 | 9°27 | 3°15 | 9°47 | 18°56 | 22°30 | 25°51 | 16° 6 | 23°44 | 24°59 | 15°12 | 11°40 | M29 |
| T 30 | 14 31 9 | 9♉34'58 | 0♋42 | 14♈ 1 | 10♉41 | 4♈ 2 | 9♍45 | 18♌57 | 22♒31 | 25♌51 | 16♋ 7 | 23♑39 | 24♑55 | 15♉19 | 11♉44 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n22 | 25n32 | 3n40 | 12n17 | 3n23 | 0n33 | 1s26 | 8s21 | 1s11 | 8n28 | 1n21 | 16n10 | 1n12 | 14s55 | 0s40 | 13n 5 | 0n20 | 19n47 | 2s41 | 20s46 | 20s49 | 20n 8 | 13n32 | 1s16 |
| T 2 | 4 46 | 26 1 | 2 53 | 12 11 | 3 23 | 1 3 | 1 26 | 8 4 | 1 11 | 8 30 | 1 21 | 16 11 | 1 12 | 14 54 | 0 40 | 13 6 | 0 20 | 19 47 | 2 41 | 20 47 | 20 49 | 20 10 | 13 33 | 1 17 |
| W 3 | 5 9 | 25 17 | 1 57 | 12 1 | 3 22 | 1 33 | 1 26 | 7 46 | 1 11 | 8 32 | 1 21 | 16 12 | 1 12 | 14 54 | 0 40 | 13 6 | 0 20 | 19 47 | 2 41 | 20 47 | 20 50 | 20 12 | 13 34 | 1 17 |
| T 4 | 5 32 | 23 18 | 0 54 | 11 47 | 3 20 | 2 3 | 1 25 | 7 28 | 1 11 | 8 34 | 1 21 | 16 12 | 1 12 | 14 53 | 0 40 | 13 6 | 0 20 | 19 47 | 2 40 | 20 47 | 20 51 | 20 14 | 13 36 | 1 17 |
| F 5 | 5 55 | 20 8 | 0s12 | 11 30 | 3 15 | 2 32 | 1 25 | 7 10 | 1 11 | 8 36 | 1 21 | 16 13 | 1 12 | 14 52 | 0 40 | 13 7 | 0 20 | 19 47 | 2 40 | 20 47 | 20 51 | 20 16 | 13 37 | 1 17 |
| S 6 | 6 17 | 15 53 | 1 20 | 11 9 | 3 9 | 3 2 | 1 24 | 6 52 | 1 12 | 8 38 | 1 21 | 16 13 | 1 12 | 14 51 | 0 40 | 13 7 | 0 20 | 19 47 | 2 40 | 20 47 | 20 52 | 20 17 | 13 38 | 1 17 |
| S 7 | 6 40 | 10 42 | 2 26 | 10 45 | 3 2 | 3 32 | 1 23 | 6 34 | 1 12 | 8 40 | 1 21 | 16 14 | 1 12 | 14 51 | 0 41 | 13 7 | 0 20 | 19 47 | 2 40 | 20 48 | 20 52 | 20 19 | 13 39 | 1 17 |
| M 8 | 7 3 | 4 48 | 3 26 | 10 18 | 2 52 | 4 1 | 1 23 | 6 16 | 1 12 | 8 42 | 1 20 | 16 14 | 1 12 | 14 50 | 0 41 | 13 8 | 0 20 | 19 47 | 2 40 | 20 49 | 20 53 | 20 21 | 13 40 | 1 17 |
| T 9 | 7 25 | 1s31 | 4 14 | 9 50 | 2 41 | 4 31 | 1 22 | 5 58 | 1 12 | 8 44 | 1 20 | 16 14 | 1 12 | 14 49 | 0 41 | 13 8 | 0 20 | 19 47 | 2 40 | 20 50 | 20 54 | 20 23 | 13 41 | 1 17 |
| W10 | 7 47 | 7 55 | 4 47 | 9 20 | 2 29 | 5 0 | 1 21 | 5 39 | 1 12 | 8 45 | 1 20 | 16 15 | 1 12 | 14 49 | 0 41 | 13 8 | 0 20 | 19 48 | 2 40 | 20 52 | 20 54 | 20 25 | 13 42 | 1 17 |
| T 11 | 8 10 | 13 58 | 5 0 | 8 48 | 2 16 | 5 29 | 1 20 | 5 21 | 1 12 | 8 47 | 1 20 | 16 15 | 1 12 | 14 48 | 0 41 | 13 8 | 0 20 | 19 48 | 2 40 | 20 54 | 20 55 | 20 27 | 13 43 | 1 17 |
| F 12 | 8 32 | 19 11 | 4 52 | 8 17 | 2 1 | 5 59 | 1 19 | 5 3 | 1 12 | 8 49 | 1 20 | 16 15 | 1 12 | 14 47 | 0 41 | 13 9 | 0 20 | 19 48 | 2 39 | 20 56 | 20 55 | 20 28 | 13 44 | 1 17 |
| S 13 | 8 54 | 23 6 | 4 23 | 7 45 | 1 46 | 6 28 | 1 18 | 4 44 | 1 12 | 8 50 | 1 20 | 16 16 | 1 12 | 14 47 | 0 41 | 13 9 | 0 20 | 19 48 | 2 39 | 20 58 | 20 56 | 20 30 | 13 45 | 1 17 |
| S 14 | 9 15 | 25 23 | 3 37 | 7 14 | 1 30 | 6 56 | 1 17 | 4 26 | 1 12 | 8 52 | 1 20 | 16 16 | 1 12 | 14 46 | 0 41 | 13 9 | 0 20 | 19 48 | 2 39 | 20 59 | 20 57 | 20 32 | 13 47 | 1 17 |
| M15 | 9 37 | 25 53 | 2 38 | 6 43 | 1 14 | 7 25 | 1 16 | 4 8 | 1 12 | 8 53 | 1 20 | 16 16 | 1 12 | 14 45 | 0 41 | 13 9 | 0 20 | 19 48 | 2 39 | 21 0 | 20 57 | 20 34 | 13 48 | 1 17 |
| T 16 | 9 59 | 24 39 | 1 30 | 6 14 | 0 57 | 7 54 | 1 15 | 3 49 | 1 12 | 8 54 | 1 19 | 16 16 | 1 12 | 14 45 | 0 41 | 13 10 | 0 20 | 19 48 | 2 39 | 21 1 | 20 58 | 20 36 | 13 49 | 1 17 |
| W17 | 10 20 | 21 57 | 0 19 | 5 47 | 0 41 | 8 22 | 1 14 | 3 31 | 1 12 | 8 56 | 1 19 | 16 16 | 1 12 | 14 44 | 0 41 | 13 10 | 0 20 | 19 48 | 2 39 | 21 1 | 20 58 | 20 37 | 13 50 | 1 17 |
| T 18 | 10 41 | 18 9 | 0n51 | 5 22 | 0 25 | 8 50 | 1 12 | 3 12 | 1 12 | 8 57 | 1 19 | 16 16 | 1 12 | 14 43 | 0 41 | 13 10 | 0 20 | 19 48 | 2 39 | 21 1 | 20 59 | 20 39 | 13 51 | 1 17 |
| F 19 | 11 2 | 13 35 | 1 56 | 4 59 | 0 8 | 9 18 | 1 11 | 2 54 | 1 12 | 8 58 | 1 19 | 16 16 | 1 11 | 14 43 | 0 41 | 13 10 | 0 20 | 19 48 | 2 39 | 21 1 | 21 0 | 20 41 | 13 52 | 1 17 |
| S 20 | 11 23 | 8 31 | 2 54 | 4 38 | 0s 7 | 9 46 | 1 9 | 2 35 | 1 12 | 8 59 | 1 19 | 16 16 | 1 11 | 14 42 | 0 41 | 13 11 | 0 20 | 19 48 | 2 38 | 21 1 | 21 0 | 20 43 | 13 53 | 1 18 |
| S 21 | 11 43 | 3 14 | 3 43 | 4 20 | 0 23 | 10 14 | 1 8 | 2 17 | 1 12 | 9 0 | 1 19 | 16 16 | 1 11 | 14 42 | 0 41 | 13 11 | 0 20 | 19 48 | 2 38 | 21 2 | 21 1 | 20 44 | 13 54 | 1 18 |
| M22 | 12 4 | 2n 6 | 4 21 | 4 4 | 0 37 | 10 41 | 1 7 | 1 58 | 1 12 | 9 1 | 1 19 | 16 16 | 1 11 | 14 41 | 0 41 | 13 11 | 0 20 | 19 48 | 2 38 | 21 4 | 21 1 | 20 46 | 13 56 | 1 18 |
| T 23 | 12 24 | 7 17 | 4 46 | 3 51 | 0 52 | 11 8 | 1 5 | 1 39 | 1 12 | 9 2 | 1 18 | 16 16 | 1 11 | 14 41 | 0 41 | 13 11 | 0 20 | 19 48 | 2 38 | 21 6 | 21 2 | 20 48 | 13 57 | 1 18 |
| W24 | 12 44 | 12 9 | 4 58 | 3 40 | 1 5 | 11 35 | 1 3 | 1 21 | 1 12 | 9 2 | 1 18 | 16 16 | 1 11 | 14 40 | 0 41 | 13 11 | 0 20 | 19 48 | 2 38 | 21 8 | 21 2 | 20 50 | 13 58 | 1 18 |
| T 25 | 13 4 | 16 32 | 4 58 | 3 32 | 1 18 | 12 1 | 1 2 | 1 2 | 1 12 | 9 3 | 1 18 | 16 16 | 1 11 | 14 40 | 0 41 | 13 11 | 0 20 | 19 49 | 2 38 | 21 11 | 21 3 | 20 51 | 13 59 | 1 18 |
| F 26 | 13 23 | 20 15 | 4 44 | 3 27 | 1 30 | 12 28 | 1 0 | 0 44 | 1 11 | 9 4 | 1 18 | 16 15 | 1 11 | 14 39 | 0 41 | 13 11 | 0 20 | 19 49 | 2 38 | 21 13 | 21 4 | 20 53 | 14 0 | 1 18 |
| S 27 | 13 42 | 23 9 | 4 18 | 3 24 | 1 41 | 12 54 | 0 58 | 0 25 | 1 11 | 9 4 | 1 18 | 16 15 | 1 11 | 14 39 | 0 41 | 13 12 | 0 20 | 19 49 | 2 38 | 21 15 | 21 4 | 20 55 | 14 1 | 1 18 |
| S 28 | 14 2 | 25 2 | 3 41 | 3 24 | 1 52 | 13 19 | 0 57 | 0 6 | 1 11 | 9 5 | 1 18 | 16 15 | 1 11 | 14 38 | 0 41 | 13 12 | 0 20 | 19 49 | 2 38 | 21 17 | 21 5 | 20 57 | 14 2 | 1 18 |
| M29 | 14 20 | 25 47 | 2 53 | 3 26 | 2 2 | 13 45 | 0 55 | 0n12 | 1 11 | 9 5 | 1 18 | 16 15 | 1 11 | 14 38 | 0 41 | 13 12 | 0 20 | 19 49 | 2 37 | 21 18 | 21 5 | 20 58 | 14 4 | 1 18 |
| T 30 | 14n39 | 25n21 | 1n58 | 3n30 | 2s11 | 14n10 | 0s53 | 0n31 | 1s11 | 9n 5 | 1n17 | 16n14 | 1n11 | 14s38 | 0s41 | 13n12 | 0n20 | 19n49 | 2s37 | 21s19 | 21s 6 | 21n 0 | 14n 5 | 1s18 |

Julian Day Number = 2604671.5, Delta T = 09m34s
Ecliptic obliquity = 23°23'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'06, Lahiri = 29°43'08


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## MAY 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 35 6 | 10♉33'28 | 12♋48 | 14♈37 | 11♉56 | 4♈48 | 9°R44 | 18♌58 | 22♒33 | 25°R51 | 16♋ 8 | 23°R37 | 24♑52 | 15♉26 | 11♉48 | W 1 |
| T 2 | 14 39 2 | 11°31'56 | 25° 7 | 15°18 | 13°10 | 5°35 | 9♍43 | 18°59 | 22°34 | 25♌50 | 16° 8 | 23°D36 | 24°49 | 15°32 | 11°52 | T 2 |
| F 3 | 14 42 59 | 12°30'23 | 7♌43 | 16° 2 | 14°24 | 6°21 | 9°43 | 19° 0 | 22°35 | 25°50 | 16° 9 | 23°R36 | 24°46 | 15°39 | 11°56 | F 3 |
| S 4 | 14 46 56 | 13°28'47 | 20°41 | 16°50 | 15°38 | 7° 7 | 9°42 | 19° 2 | 22°37 | 25°50 | 16°10 | 23♑36 | 24°43 | 15°46 | 12° 0 | S 4 |
| S 5 | 14 50 52 | 14°27'09 | 4♍ 6 | 17°41 | 16°52 | 7°54 | 9°42 | 19° 3 | 22°38 | 25°50 | 16°11 | 23°35 | 24°40 | 15°52 | 12° 3 | S 5 |
| M 6 | 14 54 49 | 15°25'28 | 17°59 | 18°35 | 18° 6 | 8°40 | 9°D42 | 19° 5 | 22°39 | 25°50 | 16°12 | 23°31 | 24°36 | 15°59 | 12° 7 | M 6 |
| T 7 | 14 58 45 | 16°23'46 | 2♎22 | 19°33 | 19°20 | 9°27 | 9°42 | 19° 7 | 22°40 | 25°D50 | 16°12 | 23°25 | 24°33 | 16° 6 | 12°11 | T 7 |
| W 8 | 15 2 42 | 17°22'02 | 17°10 | 20°33 | 20°34 | 10°13 | 9°42 | 19° 9 | 22°41 | 25°50 | 16°13 | 23°17 | 24°30 | 16°12 | 12°15 | W 8 |
| T 9 | 15 6 38 | 18°20'16 | 2♏19 | 21°36 | 21°48 | 10°59 | 9°42 | 19°10 | 22°42 | 25°50 | 16°14 | 23° 7 | 24°27 | 16°19 | 12°19 | T 9 |
| F 10 | 15 10 35 | 19°18'28 | 17°38 | 22°42 | 23° 2 | 11°45 | 9°43 | 19°13 | 22°43 | 25°50 | 16°15 | 22°58 | 24°24 | 16°26 | 12°23 | F 10 |
| S 11 | 15 14 31 | 20°16'38 | 2♐56 | 23°51 | 24°16 | 12°32 | 9°44 | 19°15 | 22°43 | 25°50 | 16°16 | 22°50 | 24°21 | 16°33 | 12°27 | S 11 |
| S 12 | 15 18 28 | 21°14'47 | 18° 2 | 25° 2 | 25°30 | 13°18 | 9°45 | 19°17 | 22°44 | 25°50 | 16°17 | 22°43 | 24°17 | 16°39 | 12°31 | S 12 |
| M13 | 15 22 25 | 22°12'54 | 2♑47 | 26°16 | 26°44 | 14° 4 | 9°46 | 19°19 | 22°45 | 25°51 | 16°18 | 22°40 | 24°14 | 16°46 | 12°35 | M13 |
| T 14 | 15 26 21 | 23°11'00 | 17° 6 | 27°32 | 27°58 | 14°50 | 9°47 | 19°22 | 22°46 | 25°51 | 16°19 | 22°D38 | 24°11 | 16°53 | 12°39 | T 14 |
| W15 | 15 30 18 | 24° 9'04 | 0♒57 | 28°50 | 29°12 | 15°36 | 9°49 | 19°24 | 22°46 | 25°51 | 16°20 | 22°38 | 24° 8 | 16°59 | 12°43 | W15 |
| T 16 | 15 34 14 | 25° 7'07 | 14°20 | 0♉11 | 0♊26 | 16°22 | 9°50 | 19°27 | 22°47 | 25°51 | 16°21 | 22°39 | 24° 5 | 17° 6 | 12°47 | T 16 |
| F 17 | 15 38 11 | 26° 5'09 | 27°18 | 1°34 | 1°40 | 17° 8 | 9°52 | 19°30 | 22°48 | 25°52 | 16°22 | 22°R39 | 24° 1 | 17°13 | 12°50 | F 17 |
| S 18 | 15 42 7 | 27° 3'09 | 9♓56 | 3° 0 | 2°54 | 17°54 | 9°54 | 19°33 | 22°48 | 25°52 | 16°23 | 22°38 | 23°58 | 17°20 | 12°54 | S 18 |
| S 19 | 15 46 4 | 28° 1'08 | 22°17 | 4°27 | 4° 8 | 18°40 | 9°56 | 19°35 | 22°49 | 25°52 | 16°24 | 22°36 | 23°55 | 17°26 | 12°58 | S 19 |
| M20 | 15 50 0 | 28°59'06 | 4♈26 | 5°57 | 5°22 | 19°26 | 9°59 | 19°39 | 22°49 | 25°53 | 16°25 | 22°30 | 23°52 | 17°33 | 13° 2 | M20 |
| T 21 | 15 53 57 | 29°57'02 | 16°26 | 7°29 | 6°36 | 20°12 | 10° 1 | 19°42 | 22°49 | 25°53 | 16°26 | 22°23 | 23°49 | 17°40 | 13° 6 | T 21 |
| W22 | 15 57 54 | 0♊54'57 | 28°20 | 9° 3 | 7°49 | 20°58 | 10° 4 | 19°45 | 22°50 | 25°54 | 16°27 | 22°14 | 23°46 | 17°46 | 13°10 | W22 |
| T 23 | 16 1 50 | 1°52'51 | 10♉12 | 10°39 | 9° 3 | 21°44 | 10° 7 | 19°48 | 22°50 | 25°54 | 16°28 | 22° 5 | 23°42 | 17°53 | 13°13 | T 23 |
| F 24 | 16 5 47 | 2°50'44 | 22° 3 | 12°17 | 10°17 | 22°30 | 10°10 | 19°52 | 22°50 | 25°55 | 16°29 | 21°55 | 23°39 | 18° 0 | 13°17 | F 24 |
| S 25 | 16 9 43 | 3°48'35 | 3♊55 | 13°57 | 11°31 | 23°15 | 10°13 | 19°55 | 22°50 | 25°55 | 16°31 | 21°47 | 23°36 | 18° 7 | 13°21 | S 25 |
| S 26 | 16 13 40 | 4°46'24 | 15°49 | 15°40 | 12°45 | 24° 1 | 10°16 | 19°59 | 22°50 | 25°56 | 16°32 | 21°40 | 23°33 | 18°13 | 13°25 | S 26 |
| M27 | 16 17 36 | 5°44'13 | 27°48 | 17°24 | 13°59 | 24°47 | 10°20 | 20° 2 | 22°50 | 25°57 | 16°33 | 21°35 | 23°30 | 18°20 | 13°28 | M27 |
| T 28 | 16 21 33 | 6°42'00 | 9♋54 | 19°11 | 15°12 | 25°32 | 10°24 | 20° 6 | 22°R50 | 25°57 | 16°34 | 21°32 | 23°26 | 18°27 | 13°32 | T 28 |
| W29 | 16 25 29 | 7°39'45 | 22° 8 | 21° 0 | 16°26 | 26°18 | 10°28 | 20°10 | 22°50 | 25°58 | 16°35 | 21°D31 | 23°23 | 18°33 | 13°36 | W29 |
| T 30 | 16 29 26 | 8°37'29 | 4♌34 | 22°51 | 17°40 | 27° 3 | 10°32 | 20°14 | 22°50 | 25°59 | 16°37 | 21°32 | 23°20 | 18°40 | 13°39 | T 30 |
| F 31 | 16 33 23 | 9♊35'11 | 17♌15 | 24♉44 | 18♊54 | 27♈49 | 10♍36 | 20♌18 | 22♒50 | 26♌ 0 | 16♋38 | 21♑33 | 23♑17 | 18♉47 | 13♉43 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14n57 | 23n43 | 0n57 | 3n37 | 2s19 | 14n34 | 0s51 | 0n49 | 1s11 | 9n 6 | 1n17 | 16n14 | 1n11 | 14s37 | 0s41 | 13n12 | 0n20 | 19n49 | 2s37 | 21s20 | 21s 6 | 21n 2 | 14n 6 | 1s18 |
| T 2 | 15 16 | 20 56 | 0s 8 | 3 45 | 2 27 | 14 59 | 0 49 | 1 8 | 1 11 | 9 6 | 1 17 | 16 13 | 1 11 | 14 37 | 0 41 | 13 12 | 0 20 | 19 49 | 2 37 | 21 20 | 21 7 | 21 3 | 14 7 | 1 18 |
| F 3 | 15 33 | 17 6 | 1 14 | 3 56 | 2 34 | 15 22 | 0 47 | 1 26 | 1 11 | 9 6 | 1 17 | 16 13 | 1 11 | 14 36 | 0 41 | 13 12 | 0 20 | 19 49 | 2 37 | 21 20 | 21 8 | 21 5 | 14 8 | 1 18 |
| S 4 | 15 51 | 12 22 | 2 19 | 4 8 | 2 40 | 15 46 | 0 45 | 1 44 | 1 11 | 9 6 | 1 17 | 16 12 | 1 11 | 14 36 | 0 41 | 13 12 | 0 20 | 19 49 | 2 37 | 21 20 | 21 8 | 21 7 | 14 9 | 1 19 |
| S 5 | 16 8 | 6 55 | 3 18 | 4 23 | 2 45 | 16 9 | 0 43 | 2 3 | 1 10 | 9 6 | 1 16 | 16 12 | 1 11 | 14 36 | 0 42 | 13 12 | 0 20 | 19 49 | 2 37 | 21 20 | 21 9 | 21 9 | 14 10 | 1 19 |
| M 6 | 16 25 | 0 57 | 4 7 | 4 39 | 2 50 | 16 32 | 0 41 | 2 21 | 1 10 | 9 6 | 1 16 | 16 11 | 1 11 | 14 35 | 0 42 | 13 12 | 0 20 | 19 49 | 2 37 | 21 21 | 21 9 | 21 10 | 14 11 | 1 19 |
| T 7 | 16 42 | 5s16 | 4 43 | 4 57 | 2 54 | 16 54 | 0 39 | 2 40 | 1 10 | 9 6 | 1 16 | 16 11 | 1 11 | 14 35 | 0 42 | 13 12 | 0 20 | 19 49 | 2 37 | 21 22 | 21 10 | 21 12 | 14 13 | 1 19 |
| W 8 | 16 59 | 11 22 | 5 1 | 5 16 | 2 57 | 17 16 | 0 37 | 2 58 | 1 10 | 9 5 | 1 16 | 16 10 | 1 11 | 14 35 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 23 | 21 10 | 21 14 | 14 14 | 1 19 |
| T 9 | 17 15 | 16 56 | 4 59 | 5 38 | 3 0 | 17 37 | 0 35 | 3 16 | 1 10 | 9 5 | 1 16 | 16 10 | 1 11 | 14 35 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 25 | 21 11 | 21 15 | 14 15 | 1 19 |
| F 10 | 17 31 | 21 28 | 4 36 | 6 0 | 3 2 | 17 58 | 0 32 | 3 34 | 1 9 | 9 5 | 1 16 | 16 9 | 1 11 | 14 34 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 26 | 21 11 | 21 17 | 14 16 | 1 19 |
| S 11 | 17 47 | 24 30 | 3 53 | 6 24 | 3 3 | 18 19 | 0 30 | 3 53 | 1 9 | 9 4 | 1 15 | 16 8 | 1 11 | 14 34 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 28 | 21 12 | 21 18 | 14 17 | 1 19 |
| S 12 | 18 2 | 25 44 | 2 53 | 6 49 | 3 3 | 18 39 | 0 28 | 4 11 | 1 9 | 9 4 | 1 15 | 16 7 | 1 11 | 14 34 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 29 | 21 13 | 21 20 | 14 18 | 1 19 |
| M13 | 18 17 | 25 5 | 1 44 | 7 16 | 3 3 | 18 58 | 0 26 | 4 29 | 1 9 | 9 3 | 1 15 | 16 7 | 1 10 | 14 34 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 29 | 21 13 | 21 22 | 14 19 | 1 19 |
| T 14 | 18 32 | 22 47 | 0 30 | 7 44 | 3 3 | 19 17 | 0 23 | 4 47 | 1 9 | 9 2 | 1 15 | 16 6 | 1 10 | 14 33 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 29 | 21 14 | 21 23 | 14 20 | 1 19 |
| W15 | 18 46 | 19 11 | 0n44 | 8 12 | 3 1 | 19 36 | 0 21 | 5 5 | 1 8 | 9 2 | 1 15 | 16 5 | 1 10 | 14 33 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 29 | 21 14 | 21 25 | 14 21 | 1 20 |
| T 16 | 19 0 | 14 41 | 1 53 | 8 42 | 3 0 | 19 54 | 0 19 | 5 23 | 1 8 | 9 1 | 1 15 | 16 4 | 1 10 | 14 33 | 0 42 | 13 12 | 0 20 | 19 49 | 2 36 | 21 29 | 21 15 | 21 27 | 14 22 | 1 20 |
| F 17 | 19 14 | 9 39 | 2 54 | 9 13 | 2 57 | 20 11 | 0 16 | 5 40 | 1 8 | 9 0 | 1 14 | 16 3 | 1 10 | 14 33 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 29 | 21 15 | 21 28 | 14 23 | 1 20 |
| S 18 | 19 27 | 4 21 | 3 45 | 9 45 | 2 54 | 20 28 | 0 14 | 5 58 | 1 8 | 8 59 | 1 14 | 16 2 | 1 10 | 14 33 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 29 | 21 16 | 21 30 | 14 25 | 1 20 |
| S 19 | 19 40 | 1n 0 | 4 24 | 10 18 | 2 51 | 20 44 | 0 12 | 6 16 | 1 7 | 8 58 | 1 14 | 16 1 | 1 10 | 14 33 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 30 | 21 16 | 21 31 | 14 26 | 1 20 |
| M20 | 19 53 | 6 12 | 4 51 | 10 51 | 2 46 | 21 0 | 0 9 | 6 33 | 1 7 | 8 57 | 1 14 | 16 0 | 1 10 | 14 33 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 31 | 21 17 | 21 33 | 14 27 | 1 20 |
| T 21 | 20 6 | 11 7 | 5 4 | 11 25 | 2 42 | 21 15 | 0 7 | 6 51 | 1 7 | 8 56 | 1 14 | 15 59 | 1 10 | 14 33 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 32 | 21 18 | 21 35 | 14 28 | 1 20 |
| W22 | 20 18 | 15 35 | 5 4 | 12 0 | 2 36 | 21 30 | 0 4 | 7 8 | 1 6 | 8 55 | 1 14 | 15 58 | 1 10 | 14 32 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 33 | 21 18 | 21 36 | 14 29 | 1 20 |
| T 23 | 20 30 | 19 26 | 4 51 | 12 36 | 2 31 | 21 44 | 0 2 | 7 26 | 1 6 | 8 54 | 1 13 | 15 57 | 1 10 | 14 32 | 0 42 | 13 11 | 0 20 | 19 49 | 2 35 | 21 35 | 21 19 | 21 38 | 14 30 | 1 20 |
| F 24 | 20 41 | 22 30 | 4 25 | 13 12 | 2 25 | 21 57 | 0n 0 | 7 43 | 1 6 | 8 52 | 1 13 | 15 56 | 1 10 | 14 32 | 0 42 | 13 10 | 0 20 | 19 49 | 2 35 | 21 36 | 21 19 | 21 39 | 14 31 | 1 20 |
| S 25 | 20 52 | 24 37 | 3 48 | 13 48 | 2 18 | 22 10 | 0 3 | 8 0 | 1 5 | 8 51 | 1 13 | 15 55 | 1 10 | 14 32 | 0 42 | 13 10 | 0 20 | 19 49 | 2 35 | 21 38 | 21 20 | 21 41 | 14 32 | 1 21 |
| S 26 | 21 3 | 25 37 | 3 0 | 14 25 | 2 11 | 22 22 | 0 5 | 8 17 | 1 5 | 8 49 | 1 13 | 15 54 | 1 10 | 14 32 | 0 42 | 13 10 | 0 20 | 19 49 | 2 35 | 21 39 | 21 20 | 21 42 | 14 33 | 1 21 |
| M27 | 21 13 | 25 27 | 2 5 | 15 1 | 2 3 | 22 33 | 0 8 | 8 34 | 1 5 | 8 48 | 1 13 | 15 52 | 1 10 | 14 32 | 0 42 | 13 10 | 0 20 | 19 48 | 2 34 | 21 40 | 21 21 | 21 44 | 14 34 | 1 21 |
| T 28 | 21 23 | 24 3 | 1 3 | 15 38 | 1 55 | 22 44 | 0 10 | 8 51 | 1 4 | 8 46 | 1 12 | 15 51 | 1 10 | 14 32 | 0 42 | 13 10 | 0 20 | 19 48 | 2 34 | 21 40 | 21 21 | 21 46 | 14 35 | 1 21 |
| W29 | 21 32 | 21 31 | 0s 3 | 16 15 | 1 46 | 22 54 | 0 13 | 9 8 | 1 4 | 8 45 | 1 12 | 15 50 | 1 10 | 14 32 | 0 42 | 13 9 | 0 20 | 19 48 | 2 34 | 21 40 | 21 22 | 21 47 | 14 36 | 1 21 |
| T 30 | 21 42 | 17 57 | 1 10 | 16 52 | 1 37 | 23 4 | 0 15 | 9 25 | 1 4 | 8 43 | 1 12 | 15 49 | 1 10 | 14 33 | 0 43 | 13 9 | 0 20 | 19 48 | 2 34 | 21 40 | 21 22 | 21 49 | 14 37 | 1 21 |
| F 31 | 21n50 | 13n29 | 2s15 | 17n29 | 1s28 | 23n13 | 0n17 | 9n41 | 1s 3 | 8n41 | 1n12 | 15n47 | 1n10 | 14s33 | 0s43 | 13n 9 | 0n20 | 19n48 | 2s34 | 21s40 | 21s23 | 21n50 | 14n38 | 1s21 |

Julian Day Number = 2604701.5, Delta T = 09m34s
Ecliptic obliquity = 23°23'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'10, Lahiri = 29°43'12


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## JUNE 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 37 19 | 10♊32'52 | 0♍14 | 26♉39 | 20♊ 7 | 28♈34 | 10♍40 | 20♌22 | 22°R50 | 26♌ 0 | 16♋39 | 21♑35 | 23♑14 | 18♉54 | 13♉47 | S 1 |
| S 2 | 16 41 16 | 11°30'31 | 13°36 | 28°36 | 21°21 | 29°20 | 10°45 | 20°26 | 22♒50 | 26° 1 | 16°40 | 21°R35 | 23°11 | 19° 0 | 13°50 | S 2 |
| M 3 | 16 45 12 | 12°28'08 | 27°21 | 0♊35 | 22°35 | 0♉ 5 | 10°50 | 20°31 | 22°49 | 26° 2 | 16°42 | 21°34 | 23° 7 | 19° 7 | 13°54 | M 3 |
| T 4 | 16 49 9 | 13°25'45 | 11♎32 | 2°37 | 23°49 | 0°50 | 10°54 | 20°35 | 22°49 | 26° 3 | 16°43 | 21°31 | 23° 4 | 19°14 | 13°58 | T 4 |
| W 5 | 16 53 5 | 14°23'19 | 26° 7 | 4°40 | 25° 2 | 1°35 | 11° 0 | 20°40 | 22°49 | 26° 4 | 16°44 | 21°27 | 23° 1 | 19°20 | 14° 1 | W 5 |
| T 6 | 16 57 2 | 15°20'53 | 11♏ 0 | 6°44 | 26°16 | 2°21 | 11° 5 | 20°44 | 22°48 | 26° 5 | 16°45 | 21°23 | 22°58 | 19°27 | 14° 5 | T 6 |
| F 7 | 17 0 58 | 16°18'25 | 26° 6 | 8°51 | 27°29 | 3° 6 | 11°10 | 20°49 | 22°48 | 26° 6 | 16°47 | 21°18 | 22°55 | 19°34 | 14° 8 | F 7 |
| S 8 | 17 4 55 | 17°15'56 | 11♐15 | 10°58 | 28°43 | 3°51 | 11°15 | 20°53 | 22°47 | 26° 7 | 16°48 | 21°13 | 22°52 | 19°41 | 14°12 | S 8 |
| S 9 | 17 8 52 | 18°13'26 | 26°16 | 13° 8 | 29°57 | 4°36 | 11°21 | 20°58 | 22°47 | 26° 8 | 16°49 | 21°10 | 22°48 | 19°47 | 14°15 | S 9 |
| M10 | 17 12 48 | 19°10'55 | 11♑ 2 | 15°18 | 1♋10 | 5°21 | 11°27 | 21° 3 | 22°46 | 26° 9 | 16°51 | 21° 8 | 22°45 | 19°54 | 14°18 | M10 |
| T 11 | 17 16 45 | 20° 8'23 | 25°26 | 17°29 | 2°24 | 6° 6 | 11°33 | 21° 8 | 22°45 | 26°10 | 16°52 | 21°D 8 | 22°42 | 20° 1 | 14°22 | T 11 |
| W12 | 17 20 41 | 21° 5'50 | 9♒23 | 19°41 | 3°37 | 6°51 | 11°39 | 21°13 | 22°45 | 26°11 | 16°54 | 21° 9 | 22°39 | 20° 7 | 14°25 | W12 |
| T 13 | 17 24 38 | 22° 3'17 | 22°53 | 21°53 | 4°51 | 7°35 | 11°45 | 21°18 | 22°44 | 26°12 | 16°55 | 21°10 | 22°36 | 20°14 | 14°28 | T 13 |
| F 14 | 17 28 34 | 23° 0'43 | 5♓58 | 24° 5 | 6° 5 | 8°20 | 11°51 | 21°23 | 22°43 | 26°14 | 16°56 | 21°12 | 22°33 | 20°21 | 14°32 | F 14 |
| S 15 | 17 32 31 | 23°58'08 | 18°40 | 26°17 | 7°18 | 9° 5 | 11°58 | 21°28 | 22°42 | 26°15 | 16°58 | 21°R13 | 22°29 | 20°27 | 14°35 | S 15 |
| S 16 | 17 36 27 | 24°55'32 | 1♈ 3 | 28°28 | 8°32 | 9°49 | 12° 4 | 21°34 | 22°42 | 26°16 | 16°59 | 21°13 | 22°26 | 20°34 | 14°38 | S 16 |
| M17 | 17 40 24 | 25°52'56 | 13°12 | 0♋39 | 9°45 | 10°34 | 12°11 | 21°39 | 22°41 | 26°17 | 17° 1 | 21°11 | 22°23 | 20°41 | 14°41 | M17 |
| T 18 | 17 44 21 | 26°50'20 | 25°11 | 2°49 | 10°59 | 11°19 | 12°18 | 21°44 | 22°40 | 26°19 | 17° 2 | 21° 9 | 22°20 | 20°48 | 14°45 | T 18 |
| W19 | 17 48 17 | 27°47'43 | 7♉ 4 | 4°58 | 12°12 | 12° 3 | 12°25 | 21°50 | 22°39 | 26°20 | 17° 3 | 21° 6 | 22°17 | 20°54 | 14°48 | W19 |
| T 20 | 17 52 14 | 28°45'05 | 18°55 | 7° 5 | 13°26 | 12°48 | 12°32 | 21°56 | 22°38 | 26°21 | 17° 5 | 21° 2 | 22°13 | 21° 1 | 14°51 | T 20 |
| F 21 | 17 56 10 | 29°42'27 | 0♊46 | 9°11 | 14°39 | 13°32 | 12°39 | 22° 1 | 22°36 | 26°23 | 17° 6 | 20°59 | 22°10 | 21° 8 | 14°54 | F 21 |
| S 22 | 18 0 7 | 0♋39'49 | 12°41 | 11°15 | 15°53 | 14°16 | 12°47 | 22° 7 | 22°35 | 26°24 | 17° 8 | 20°56 | 22° 7 | 21°14 | 14°57 | S 22 |
| S 23 | 18 4 3 | 1°37'10 | 24°42 | 13°17 | 17° 6 | 15° 1 | 12°54 | 22°13 | 22°34 | 26°25 | 17° 9 | 20°53 | 22° 4 | 21°21 | 15° 0 | S 23 |
| M24 | 18 8 0 | 2°34'30 | 6♋51 | 15°17 | 18°20 | 15°45 | 13° 2 | 22°18 | 22°33 | 26°27 | 17°11 | 20°52 | 22° 1 | 21°28 | 15° 3 | M24 |
| T 25 | 18 11 57 | 3°31'50 | 19° 9 | 17°15 | 19°33 | 16°29 | 13°10 | 22°24 | 22°32 | 26°28 | 17°12 | 20°D51 | 21°58 | 21°35 | 15° 6 | T 25 |
| W26 | 18 15 53 | 4°29'09 | 1♌38 | 19°11 | 20°46 | 17°13 | 13°18 | 22°30 | 22°30 | 26°30 | 17°14 | 20°51 | 21°54 | 21°41 | 15° 9 | W26 |
| T 27 | 18 19 50 | 5°26'28 | 14°19 | 21° 5 | 22° 0 | 17°57 | 13°26 | 22°36 | 22°29 | 26°31 | 17°15 | 20°52 | 21°51 | 21°48 | 15°12 | T 27 |
| F 28 | 18 23 46 | 6°23'46 | 27°14 | 22°56 | 23°13 | 18°41 | 13°34 | 22°42 | 22°27 | 26°33 | 17°17 | 20°53 | 21°48 | 21°55 | 15°14 | F 28 |
| S 29 | 18 27 43 | 7°21'03 | 10♍24 | 24°45 | 24°27 | 19°25 | 13°42 | 22°49 | 22°26 | 26°34 | 17°18 | 20°55 | 21°45 | 22° 1 | 15°17 | S 29 |
| S 30 | 18 31 39 | 8♋18'19 | 23♍51 | 26♋32 | 25♋40 | 20♉ 8 | 13♍50 | 22♌55 | 22♒25 | 26♌36 | 17♋20 | 20♑55 | 21♑42 | 22♉ 8 | 15♉20 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21n59 | 8n20 | 3s14 | 18n 6 | 1s18 | 23n21 | 0n20 | 9n58 | 1s 3 | 8n39 | 1n12 | 15n46 | 1n10 | 14s33 | 0s43 | 13n 9 | 0n20 | 19n48 | 2s34 | 21s40 | 21s23 | 21n52 | 14n39 | 1s21 |
| S 2 | 22 7 | 2 40 | 4 5 | 18 41 | 1 8 | 23 28 | 0 22 | 10 14 | 1 3 | 8 37 | 1 12 | 15 45 | 1 10 | 14 33 | 0 43 | 13 8 | 0 20 | 19 48 | 2 34 | 21 40 | 21 24 | 21 53 | 14 40 | 1 21 |
| M 3 | 22 14 | 3s17 | 4 44 | 19 17 | 0 58 | 23 35 | 0 25 | 10 30 | 1 2 | 8 36 | 1 11 | 15 43 | 1 10 | 14 33 | 0 43 | 13 8 | 0 20 | 19 48 | 2 34 | 21 40 | 21 25 | 21 55 | 14 41 | 1 22 |
| T 4 | 22 22 | 9 15 | 5 6 | 19 51 | 0 48 | 23 41 | 0 27 | 10 46 | 1 2 | 8 34 | 1 11 | 15 42 | 1 10 | 14 33 | 0 43 | 13 8 | 0 20 | 19 48 | 2 34 | 21 40 | 21 25 | 21 56 | 14 42 | 1 22 |
| W 5 | 22 28 | 14 52 | 5 10 | 20 25 | 0 37 | 23 47 | 0 29 | 11 2 | 1 1 | 8 31 | 1 11 | 15 40 | 1 10 | 14 33 | 0 43 | 13 7 | 0 20 | 19 48 | 2 34 | 21 41 | 21 26 | 21 58 | 14 43 | 1 22 |
| T 6 | 22 35 | 19 44 | 4 53 | 20 57 | 0 27 | 23 52 | 0 32 | 11 18 | 1 1 | 8 29 | 1 11 | 15 39 | 1 10 | 14 33 | 0 43 | 13 7 | 0 20 | 19 48 | 2 34 | 21 41 | 21 26 | 21 59 | 14 43 | 1 22 |
| F 7 | 22 41 | 23 22 | 4 16 | 21 28 | 0 16 | 23 56 | 0 34 | 11 34 | 1 0 | 8 27 | 1 11 | 15 37 | 1 10 | 14 34 | 0 43 | 13 7 | 0 20 | 19 48 | 2 33 | 21 42 | 21 27 | 22 1 | 14 44 | 1 22 |
| S 8 | 22 47 | 25 23 | 3 20 | 21 57 | 0 5 | 23 59 | 0 36 | 11 50 | 1 0 | 8 25 | 1 11 | 15 36 | 1 10 | 14 34 | 0 43 | 13 6 | 0 20 | 19 48 | 2 33 | 21 43 | 21 27 | 22 2 | 14 45 | 1 22 |
| S 9 | 22 52 | 25 32 | 2 12 | 22 25 | 0n 6 | 24 2 | 0 38 | 12 5 | 1 0 | 8 23 | 1 10 | 15 34 | 1 9 | 14 34 | 0 43 | 13 6 | 0 20 | 19 48 | 2 33 | 21 43 | 21 28 | 22 4 | 14 46 | 1 22 |
| M10 | 22 57 | 23 50 | 0 55 | 22 51 | 0 16 | 24 4 | 0 41 | 12 21 | 0 59 | 8 20 | 1 10 | 15 33 | 1 9 | 14 34 | 0 43 | 13 6 | 0 20 | 19 48 | 2 33 | 21 44 | 21 28 | 22 5 | 14 47 | 1 22 |
| T 11 | 23 1 | 20 37 | 0n24 | 23 14 | 0 26 | 24 5 | 0 43 | 12 36 | 0 59 | 8 18 | 1 10 | 15 31 | 1 9 | 14 35 | 0 43 | 13 5 | 0 20 | 19 47 | 2 33 | 21 44 | 21 29 | 22 6 | 14 48 | 1 22 |
| W12 | 23 5 | 16 17 | 1 38 | 23 35 | 0 36 | 24 5 | 0 45 | 12 51 | 0 58 | 8 16 | 1 10 | 15 30 | 1 9 | 14 35 | 0 43 | 13 5 | 0 20 | 19 47 | 2 33 | 21 44 | 21 29 | 22 8 | 14 49 | 1 23 |
| T 13 | 23 9 | 11 15 | 2 45 | 23 54 | 0 46 | 24 5 | 0 47 | 13 6 | 0 58 | 8 13 | 1 10 | 15 28 | 1 9 | 14 35 | 0 43 | 13 5 | 0 20 | 19 47 | 2 33 | 21 43 | 21 30 | 22 9 | 14 50 | 1 23 |
| F 14 | 23 12 | 5 52 | 3 41 | 24 11 | 0 55 | 24 4 | 0 49 | 13 21 | 0 57 | 8 10 | 1 10 | 15 26 | 1 9 | 14 35 | 0 43 | 13 4 | 0 20 | 19 47 | 2 33 | 21 43 | 21 30 | 22 11 | 14 50 | 1 23 |
| S 15 | 23 15 | 0 25 | 4 25 | 24 24 | 1 4 | 24 3 | 0 52 | 13 36 | 0 57 | 8 8 | 1 10 | 15 24 | 1 9 | 14 36 | 0 43 | 13 4 | 0 20 | 19 47 | 2 33 | 21 43 | 21 31 | 22 12 | 14 51 | 1 23 |
| S 16 | 23 17 | 4n56 | 4 55 | 24 35 | 1 12 | 24 0 | 0 54 | 13 50 | 0 56 | 8 5 | 1 9 | 15 23 | 1 9 | 14 36 | 0 43 | 13 3 | 0 20 | 19 47 | 2 33 | 21 43 | 21 31 | 22 14 | 14 52 | 1 23 |
| M17 | 23 19 | 9 58 | 5 11 | 24 43 | 1 20 | 23 57 | 0 56 | 14 5 | 0 56 | 8 2 | 1 9 | 15 21 | 1 9 | 14 36 | 0 43 | 13 3 | 0 20 | 19 47 | 2 33 | 21 43 | 21 32 | 22 15 | 14 53 | 1 23 |
| T 18 | 23 21 | 14 35 | 5 13 | 24 48 | 1 27 | 23 53 | 0 58 | 14 19 | 0 55 | 8 0 | 1 9 | 15 19 | 1 9 | 14 37 | 0 43 | 13 2 | 0 20 | 19 47 | 2 33 | 21 44 | 21 32 | 22 16 | 14 54 | 1 23 |
| W19 | 23 22 | 18 35 | 5 2 | 24 51 | 1 33 | 23 49 | 1 0 | 14 33 | 0 55 | 7 57 | 1 9 | 15 17 | 1 9 | 14 37 | 0 43 | 13 2 | 0 20 | 19 47 | 2 32 | 21 44 | 21 33 | 22 18 | 14 54 | 1 24 |
| T 20 | 23 23 | 21 51 | 4 38 | 24 51 | 1 39 | 23 44 | 1 2 | 14 47 | 0 54 | 7 54 | 1 9 | 15 16 | 1 9 | 14 37 | 0 43 | 13 2 | 0 20 | 19 47 | 2 32 | 21 45 | 21 33 | 22 19 | 14 55 | 1 24 |
| F 21 | 23 23 | 24 12 | 4 2 | 24 48 | 1 44 | 23 38 | 1 3 | 15 1 | 0 54 | 7 51 | 1 9 | 15 14 | 1 9 | 14 38 | 0 43 | 13 1 | 0 20 | 19 46 | 2 32 | 21 45 | 21 34 | 22 21 | 14 56 | 1 24 |
| S 22 | 23 23 | 25 29 | 3 15 | 24 42 | 1 48 | 23 31 | 1 5 | 15 14 | 0 53 | 7 48 | 1 8 | 15 12 | 1 9 | 14 38 | 0 43 | 13 1 | 0 20 | 19 46 | 2 32 | 21 46 | 21 34 | 22 22 | 14 57 | 1 24 |
| S 23 | 23 23 | 25 36 | 2 19 | 24 35 | 1 52 | 23 24 | 1 7 | 15 28 | 0 53 | 7 45 | 1 8 | 15 10 | 1 9 | 14 39 | 0 43 | 13 0 | 0 20 | 19 46 | 2 32 | 21 46 | 21 35 | 22 23 | 14 58 | 1 24 |
| M24 | 23 22 | 24 29 | 1 17 | 24 24 | 1 54 | 23 16 | 1 9 | 15 41 | 0 52 | 7 42 | 1 8 | 15 8 | 1 9 | 14 39 | 0 43 | 13 0 | 0 20 | 19 46 | 2 32 | 21 46 | 21 35 | 22 25 | 14 58 | 1 24 |
| T 25 | 23 20 | 22 11 | 0 9 | 24 12 | 1 56 | 23 8 | 1 11 | 15 54 | 0 51 | 7 39 | 1 8 | 15 6 | 1 9 | 14 40 | 0 43 | 12 59 | 0 20 | 19 46 | 2 32 | 21 46 | 21 36 | 22 26 | 14 59 | 1 24 |
| W26 | 23 19 | 18 47 | 0s59 | 23 57 | 1 57 | 22 58 | 1 12 | 16 7 | 0 51 | 7 36 | 1 8 | 15 4 | 1 9 | 14 40 | 0 43 | 12 59 | 0 20 | 19 46 | 2 32 | 21 46 | 21 36 | 22 27 | 15 0 | 1 25 |
| T 27 | 23 16 | 14 29 | 2 6 | 23 41 | 1 58 | 22 49 | 1 14 | 16 20 | 0 50 | 7 33 | 1 8 | 15 2 | 1 9 | 14 40 | 0 44 | 12 58 | 0 20 | 19 46 | 2 32 | 21 46 | 21 37 | 22 29 | 15 0 | 1 25 |
| F 28 | 23 14 | 9 28 | 3 8 | 23 22 | 1 57 | 22 38 | 1 15 | 16 33 | 0 50 | 7 29 | 1 8 | 15 0 | 1 9 | 14 41 | 0 44 | 12 58 | 0 20 | 19 46 | 2 32 | 21 46 | 21 38 | 22 30 | 15 1 | 1 25 |
| S 29 | 23 11 | 3 56 | 4 1 | 23 2 | 1 56 | 22 27 | 1 17 | 16 45 | 0 49 | 7 26 | 1 8 | 14 58 | 1 9 | 14 41 | 0 44 | 12 57 | 0 20 | 19 46 | 2 32 | 21 46 | 21 38 | 22 32 | 15 2 | 1 25 |
| S 30 | 23n 8 | 1s53 | 4s42 | 22n40 | 1n55 | 22n15 | 1n18 | 16n58 | 0s48 | 7n23 | 1n 7 | 14n56 | 1n 9 | 14s42 | 0s44 | 12n56 | 0n20 | 19n45 | 2s32 | 21s46 | 21s39 | 22n33 | 15n 2 | 1s25 |

Julian Day Number = 2604732.5, Delta T = 09m35s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'15, Lahiri = 29°43'16


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## JULY 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 35 36 | 9♋15'35 | 7♎36 | 28♋17 | 26♋53 | 20♉52 | 13♍59 | 23♌ 1 | 22°R23 | 26♌38 | 17♋21 | 20°R56 | 21♑38 | 22♉15 | 15♉23 | M 1 |
| T 2 | 18 39 32 | 10°12'50 | 21°39 | 29°59 | 28° 7 | 21°36 | 14° 7 | 23° 7 | 22♒22 | 26°39 | 17°23 | 20♑56 | 21°35 | 22°21 | 15°25 | T 2 |
| W 3 | 18 43 29 | 11°10'04 | 5♏59 | 1♌40 | 29°20 | 22°19 | 14°16 | 23°14 | 22°20 | 26°41 | 17°24 | 20°55 | 21°32 | 22°28 | 15°28 | W 3 |
| T 4 | 18 47 26 | 12° 7'18 | 20°33 | 3°18 | 0♌33 | 23° 3 | 14°25 | 23°20 | 22°18 | 26°43 | 17°26 | 20°54 | 21°29 | 22°35 | 15°30 | T 4 |
| F 5 | 18 51 22 | 13° 4'32 | 5♐16 | 4°53 | 1°47 | 23°46 | 14°34 | 23°26 | 22°17 | 26°44 | 17°27 | 20°53 | 21°26 | 22°42 | 15°33 | F 5 |
| S 6 | 18 55 19 | 14° 1'45 | 20° 2 | 6°26 | 3° 0 | 24°30 | 14°43 | 23°33 | 22°15 | 26°46 | 17°29 | 20°52 | 21°23 | 22°48 | 15°35 | S 6 |
| S 7 | 18 59 15 | 14°58'58 | 4♑45 | 7°57 | 4°13 | 25°13 | 14°52 | 23°39 | 22°13 | 26°48 | 17°30 | 20°52 | 21°19 | 22°55 | 15°38 | S 7 |
| M 8 | 19 3 12 | 15°56'10 | 19°17 | 9°26 | 5°26 | 25°56 | 15° 1 | 23°46 | 22°11 | 26°50 | 17°32 | 20°D52 | 21°16 | 23° 2 | 15°40 | M 8 |
| T 9 | 19 7 8 | 16°53'22 | 3♒32 | 10°52 | 6°40 | 26°40 | 15°10 | 23°53 | 22°10 | 26°51 | 17°33 | 20°52 | 21°13 | 23° 8 | 15°43 | T 9 |
| W10 | 19 11 5 | 17°50'35 | 17°27 | 12°16 | 7°53 | 27°23 | 15°20 | 23°59 | 22° 8 | 26°53 | 17°35 | 20°52 | 21°10 | 23°15 | 15°45 | W10 |
| T 11 | 19 15 1 | 18°47'47 | 0♓58 | 13°37 | 9° 6 | 28° 6 | 15°29 | 24° 6 | 22° 6 | 26°55 | 17°36 | 20°52 | 21° 7 | 23°22 | 15°47 | T 11 |
| F 12 | 19 18 58 | 19°44'59 | 14° 6 | 14°56 | 10°19 | 28°49 | 15°39 | 24°13 | 22° 4 | 26°57 | 17°38 | 20°52 | 21° 4 | 23°29 | 15°49 | F 12 |
| S 13 | 19 22 55 | 20°42'12 | 26°52 | 16°12 | 11°32 | 29°32 | 15°48 | 24°20 | 22° 2 | 26°59 | 17°39 | 20°R53 | 21° 0 | 23°35 | 15°51 | S 13 |
| S 14 | 19 26 51 | 21°39'25 | 9♈19 | 17°26 | 12°45 | 0♊14 | 15°58 | 24°27 | 22° 0 | 27° 1 | 17°41 | 20°53 | 20°57 | 23°42 | 15°54 | S 14 |
| M15 | 19 30 48 | 22°36'38 | 21°30 | 18°37 | 13°59 | 0°57 | 16° 8 | 24°33 | 21°58 | 27° 2 | 17°42 | 20°D52 | 20°54 | 23°49 | 15°56 | M15 |
| T 16 | 19 34 44 | 23°33'52 | 3♉30 | 19°45 | 15°12 | 1°40 | 16°18 | 24°40 | 21°56 | 27° 4 | 17°44 | 20°53 | 20°51 | 23°55 | 15°58 | T 16 |
| W17 | 19 38 41 | 24°31'06 | 15°23 | 20°51 | 16°25 | 2°23 | 16°28 | 24°47 | 21°54 | 27° 6 | 17°45 | 20°53 | 20°48 | 24° 2 | 16° 0 | W17 |
| T 18 | 19 42 37 | 25°28'20 | 27°14 | 21°53 | 17°38 | 3° 5 | 16°38 | 24°54 | 21°52 | 27° 8 | 17°47 | 20°53 | 20°44 | 24° 9 | 16° 1 | T 18 |
| F 19 | 19 46 34 | 26°25'35 | 9♊ 8 | 22°53 | 18°51 | 3°48 | 16°49 | 25° 1 | 21°50 | 27°10 | 17°48 | 20°54 | 20°41 | 24°15 | 16° 3 | F 19 |
| S 20 | 19 50 30 | 27°22'50 | 21° 7 | 23°50 | 20° 4 | 4°30 | 16°59 | 25° 9 | 21°48 | 27°12 | 17°50 | 20°54 | 20°38 | 24°22 | 16° 5 | S 20 |
| S 21 | 19 54 27 | 28°20'06 | 3♋15 | 24°43 | 21°17 | 5°12 | 17° 9 | 25°16 | 21°46 | 27°14 | 17°51 | 20°55 | 20°35 | 24°29 | 16° 7 | S 21 |
| M22 | 19 58 24 | 29°17'22 | 15°35 | 25°34 | 22°30 | 5°54 | 17°20 | 25°23 | 21°44 | 27°16 | 17°53 | 20°R55 | 20°32 | 24°36 | 16° 9 | M22 |
| T 23 | 20 2 20 | 0♌14'39 | 28° 9 | 26°20 | 23°43 | 6°37 | 17°30 | 25°30 | 21°42 | 27°18 | 17°54 | 20°55 | 20°29 | 24°42 | 16°10 | T 23 |
| W24 | 20 6 17 | 1°11'55 | 10♌56 | 27° 4 | 24°56 | 7°19 | 17°41 | 25°37 | 21°40 | 27°20 | 17°56 | 20°55 | 20°25 | 24°49 | 16°12 | W24 |
| T 25 | 20 10 13 | 2° 9'13 | 23°59 | 27°43 | 26° 9 | 8° 1 | 17°52 | 25°44 | 21°37 | 27°22 | 17°57 | 20°54 | 20°22 | 24°56 | 16°13 | T 25 |
| F 26 | 20 14 10 | 3° 6'30 | 7♍16 | 28°19 | 27°22 | 8°43 | 18° 2 | 25°52 | 21°35 | 27°24 | 17°59 | 20°52 | 20°19 | 25° 2 | 16°15 | F 26 |
| S 27 | 20 18 6 | 4° 3'47 | 20°46 | 28°50 | 28°35 | 9°24 | 18°13 | 25°59 | 21°33 | 27°26 | 18° 0 | 20°51 | 20°16 | 25° 9 | 16°16 | S 27 |
| S 28 | 20 22 3 | 5° 1'05 | 4♎29 | 29°18 | 29°48 | 10° 6 | 18°24 | 26° 6 | 21°31 | 27°28 | 18° 2 | 20°49 | 20°13 | 25°16 | 16°18 | S 28 |
| M29 | 20 25 59 | 5°58'23 | 18°24 | 29°41 | 1♍ 1 | 10°48 | 18°35 | 26°14 | 21°28 | 27°30 | 18° 3 | 20°48 | 20°10 | 25°22 | 16°19 | M29 |
| T 30 | 20 29 56 | 6°55'42 | 2♏28 | 29°59 | 2°14 | 11°29 | 18°46 | 26°21 | 21°26 | 27°33 | 18° 5 | 20°D47 | 20° 6 | 25°29 | 16°20 | T 30 |
| W31 | 20 33 53 | 7♌53'00 | 16♏39 | 0♍14 | 3♍26 | 12♊11 | 18♍57 | 26♌29 | 21♒24 | 27♌35 | 18♋ 6 | 20♑47 | 20♑ 3 | 25♉36 | 16♉22 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 23n 4 | 7s44 | 5s 8 | 22n17 | 1n52 | 22n 2 | 1n20 | 17n10 | 0s48 | 7n19 | 1n 7 | 14n54 | 1n 9 | 14s42 | 0s44 | 12n56 | 0n20 | 19n45 | 2s32 | 21s46 | 21s39 | 22n34 | 15n 3 | 1s25 | |
| T 2 | 23 0 | 13 19 | 5 17 | 21 53 | 1 49 | 21 49 | 1 21 | 17 22 | 0 47 | 7 16 | 1 7 | 14 52 | 1 9 | 14 43 | 0 44 | 12 55 | 0 20 | 19 45 | 2 32 | 21 46 | 21 40 | 22 36 | 15 4 | 1 25 | |
| W 3 | 22 55 | 18 17 | 5 6 | 21 27 | 1 45 | 21 35 | 1 23 | 17 34 | 0 47 | 7 13 | 1 7 | 14 50 | 1 9 | 14 44 | 0 44 | 12 55 | 0 20 | 19 45 | 2 32 | 21 46 | 21 40 | 22 37 | 15 4 | 1 26 | |
| T 4 | 22 50 | 22 16 | 4 35 | 21 1 | 1 41 | 21 21 | 1 24 | 17 45 | 0 46 | 7 9 | 1 7 | 14 48 | 1 9 | 14 44 | 0 44 | 12 54 | 0 20 | 19 45 | 2 31 | 21 46 | 21 41 | 22 38 | 15 5 | 1 26 | |
| F 5 | 22 45 | 24 51 | 3 47 | 20 33 | 1 36 | 21 6 | 1 25 | 17 57 | 0 45 | 7 6 | 1 7 | 14 46 | 1 9 | 14 45 | 0 44 | 12 54 | 0 20 | 19 45 | 2 31 | 21 46 | 21 41 | 22 39 | 15 5 | 1 26 | |
| S 6 | 22 39 | 25 43 | 2 43 | 20 5 | 1 30 | 20 50 | 1 26 | 18 8 | 0 45 | 7 2 | 1 7 | 14 44 | 1 9 | 14 45 | 0 44 | 12 53 | 0 20 | 19 45 | 2 31 | 21 46 | 21 41 | 22 41 | 15 6 | 1 26 | |
| S 7 | 22 33 | 24 46 | 1 28 | 19 36 | 1 24 | 20 34 | 1 27 | 18 19 | 0 44 | 6 58 | 1 6 | 14 42 | 1 9 | 14 46 | 0 44 | 12 52 | 0 20 | 19 45 | 2 31 | 21 46 | 21 42 | 22 42 | 15 6 | 1 26 | |
| M 8 | 22 26 | 22 9 | 0 9 | 19 6 | 1 17 | 20 18 | 1 28 | 18 30 | 0 43 | 6 55 | 1 6 | 14 39 | 1 9 | 14 46 | 0 44 | 12 52 | 0 21 | 19 44 | 2 31 | 21 46 | 21 42 | 22 43 | 15 7 | 1 26 | |
| T 9 | 22 19 | 18 11 | 1n10 | 18 36 | 1 10 | 20 0 | 1 29 | 18 40 | 0 43 | 6 51 | 1 6 | 14 37 | 1 9 | 14 47 | 0 44 | 12 51 | 0 21 | 19 44 | 2 31 | 21 46 | 21 43 | 22 45 | 15 8 | 1 26 | |
| W10 | 22 12 | 13 19 | 2 22 | 18 5 | 1 2 | 19 42 | 1 30 | 18 51 | 0 42 | 6 47 | 1 6 | 14 35 | 1 9 | 14 48 | 0 44 | 12 51 | 0 21 | 19 44 | 2 31 | 21 46 | 21 43 | 22 46 | 15 8 | 1 27 | |
| T 11 | 22 4 | 7 55 | 3 25 | 17 34 | 0 54 | 19 24 | 1 31 | 19 1 | 0 41 | 6 43 | 1 6 | 14 33 | 1 9 | 14 48 | 0 44 | 12 50 | 0 21 | 19 44 | 2 31 | 21 46 | 21 44 | 22 47 | 15 9 | 1 27 | |
| F 12 | 21 56 | 2 20 | 4 14 | 17 3 | 0 45 | 19 5 | 1 32 | 19 11 | 0 41 | 6 40 | 1 6 | 14 30 | 1 9 | 14 49 | 0 44 | 12 49 | 0 21 | 19 44 | 2 31 | 21 46 | 21 44 | 22 48 | 15 9 | 1 27 | |
| S 13 | 21 48 | 3n12 | 4 50 | 16 31 | 0 36 | 18 46 | 1 32 | 19 21 | 0 40 | 6 36 | 1 6 | 14 28 | 1 9 | 14 50 | 0 44 | 12 49 | 0 21 | 19 44 | 2 31 | 21 46 | 21 45 | 22 50 | 15 9 | 1 27 | |
| S 14 | 21 39 | 8 26 | 5 11 | 16 0 | 0 26 | 18 26 | 1 33 | 19 31 | 0 39 | 6 32 | 1 6 | 14 26 | 1 9 | 14 50 | 0 44 | 12 48 | 0 21 | 19 44 | 2 31 | 21 46 | 21 45 | 22 51 | 15 10 | 1 27 | |
| M15 | 21 30 | 13 16 | 5 17 | 15 28 | 0 16 | 18 5 | 1 33 | 19 41 | 0 38 | 6 28 | 1 6 | 14 24 | 1 9 | 14 51 | 0 44 | 12 48 | 0 21 | 19 43 | 2 31 | 21 46 | 21 46 | 22 52 | 15 10 | 1 27 | |
| T 16 | 21 20 | 17 30 | 5 9 | 14 57 | 0 6 | 17 44 | 1 34 | 19 50 | 0 38 | 6 24 | 1 5 | 14 21 | 1 9 | 14 52 | 0 44 | 12 47 | 0 21 | 19 43 | 2 31 | 21 46 | 21 46 | 22 53 | 15 11 | 1 28 | |
| W17 | 21 10 | 21 1 | 4 49 | 14 26 | 0s 5 | 17 23 | 1 34 | 19 59 | 0 37 | 6 20 | 1 5 | 14 19 | 1 9 | 14 52 | 0 44 | 12 46 | 0 21 | 19 43 | 2 31 | 21 46 | 21 47 | 22 55 | 15 11 | 1 28 | |
| T 18 | 21 0 | 23 39 | 4 16 | 13 55 | 0 17 | 17 1 | 1 35 | 20 8 | 0 36 | 6 16 | 1 5 | 14 17 | 1 9 | 14 53 | 0 44 | 12 46 | 0 21 | 19 43 | 2 31 | 21 46 | 21 47 | 22 56 | 15 12 | 1 28 | |
| F 19 | 20 49 | 25 15 | 3 32 | 13 24 | 0 29 | 16 39 | 1 35 | 20 17 | 0 36 | 6 12 | 1 5 | 14 14 | 1 9 | 14 54 | 0 44 | 12 45 | 0 21 | 19 43 | 2 31 | 21 46 | 21 48 | 22 57 | 15 12 | 1 28 | |
| S 20 | 20 38 | 25 43 | 2 38 | 12 54 | 0 41 | 16 16 | 1 35 | 20 25 | 0 35 | 6 8 | 1 5 | 14 12 | 1 9 | 14 54 | 0 44 | 12 44 | 0 21 | 19 43 | 2 31 | 21 46 | 21 48 | 22 58 | 15 12 | 1 28 | |
| S 21 | 20 27 | 24 57 | 1 36 | 12 25 | 0 53 | 15 53 | 1 35 | 20 34 | 0 34 | 6 4 | 1 5 | 14 10 | 1 9 | 14 55 | 0 44 | 12 44 | 0 21 | 19 43 | 2 31 | 21 46 | 21 49 | 22 59 | 15 13 | 1 28 | |
| M22 | 20 15 | 22 58 | 0 30 | 11 56 | 1 6 | 15 29 | 1 35 | 20 42 | 0 33 | 5 59 | 1 5 | 14 7 | 1 9 | 14 56 | 0 44 | 12 43 | 0 21 | 19 42 | 2 31 | 21 46 | 21 49 | 23 1 | 15 13 | 1 29 | |
| T 23 | 20 3 | 19 50 | 0s40 | 11 29 | 1 19 | 15 5 | 1 35 | 20 50 | 0 33 | 5 55 | 1 5 | 14 5 | 1 9 | 14 56 | 0 44 | 12 42 | 0 21 | 19 42 | 2 30 | 21 46 | 21 50 | 23 2 | 15 13 | 1 29 | |
| W24 | 19 51 | 15 42 | 1 49 | 11 2 | 1 32 | 14 41 | 1 35 | 20 58 | 0 32 | 5 51 | 1 5 | 14 2 | 1 9 | 14 57 | 0 44 | 12 42 | 0 21 | 19 42 | 2 30 | 21 46 | 21 50 | 23 3 | 15 14 | 1 29 | |
| T 25 | 19 38 | 10 47 | 2 53 | 10 36 | 1 45 | 14 16 | 1 35 | 21 5 | 0 31 | 5 47 | 1 5 | 14 0 | 1 9 | 14 58 | 0 44 | 12 41 | 0 21 | 19 42 | 2 30 | 21 46 | 21 51 | 23 4 | 15 14 | 1 29 | |
| F 26 | 19 25 | 5 17 | 3 49 | 10 11 | 1 58 | 13 51 | 1 35 | 21 12 | 0 30 | 5 43 | 1 5 | 13 58 | 1 9 | 14 59 | 0 44 | 12 40 | 0 21 | 19 42 | 2 30 | 21 46 | 21 51 | 23 5 | 15 14 | 1 29 | |
| S 27 | 19 12 | 0s33 | 4 34 | 9 47 | 2 12 | 13 25 | 1 34 | 21 20 | 0 29 | 5 38 | 1 4 | 13 55 | 1 9 | 14 59 | 0 44 | 12 39 | 0 21 | 19 42 | 2 30 | 21 46 | 21 52 | 23 6 | 15 14 | 1 29 | |
| S 28 | 18 58 | 6 25 | 5 3 | 9 25 | 2 26 | 12 59 | 1 34 | 21 27 | 0 29 | 5 34 | 1 4 | 13 53 | 1 10 | 15 0 | 0 44 | 12 39 | 0 21 | 19 42 | 2 30 | 21 47 | 21 52 | 23 8 | 15 15 | 1 30 | |
| M29 | 18 44 | 12 3 | 5 15 | 9 4 | 2 39 | 12 33 | 1 34 | 21 33 | 0 28 | 5 29 | 1 4 | 13 50 | 1 10 | 15 1 | 0 44 | 12 38 | 0 21 | 19 41 | 2 30 | 21 47 | 21 53 | 23 9 | 15 15 | 1 30 | |
| T 30 | 18 30 | 17 8 | 5 9 | 8 45 | 2 53 | 12 6 | 1 33 | 21 40 | 0 27 | 5 25 | 1 4 | 13 48 | 1 10 | 15 2 | 0 44 | 12 37 | 0 21 | 19 41 | 2 30 | 21 47 | 21 53 | 23 10 | 15 15 | 1 30 | |
| W31 | 18n15 | 21s19 | 4s44 | 8n28 | 3s 6 | 11n40 | 1n33 | 21n46 | 0s26 | 5n21 | 1n 4 | 13n45 | 1n10 | 15s 2 | 0s44 | 12n37 | 0n21 | 19n41 | 2s30 | 21s47 | 21s54 | 23n11 | 15n15 | 1s30 | |

Julian Day Number = 2604762.5, Delta T = 09m35s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'19, Lahiri = 29°43'20


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## AUGUST 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 37 49 | 8♌50'19 | 0♐57 | 0♍23 | 4♍39 | 12♊52 | 19♍ 9 | 26♌36 | 21°R21 | 27♌37 | 18♋ 7 | 20♑48 | 20♑ 0 | 25♉42 | 16♉23 | T 1 |
| F 2 | 20 41 46 | 9°47'39 | 15°17 | 0°R27 | 5°52 | 13°33 | 19°20 | 26°43 | 21♒19 | 27°39 | 18° 9 | 20°49 | 19°57 | 25°49 | 16°24 | F 2 |
| S 3 | 20 45 42 | 10°44'58 | 29°37 | 0°27 | 7° 5 | 14°15 | 19°31 | 26°51 | 21°17 | 27°41 | 18°10 | 20°50 | 19°54 | 25°56 | 16°25 | S 3 |
| S 4 | 20 49 39 | 11°42'19 | 13♑53 | 0°21 | 8°18 | 14°56 | 19°43 | 26°58 | 21°14 | 27°43 | 18°12 | 20°R51 | 19°50 | 26° 3 | 16°26 | S 4 |
| M 5 | 20 53 35 | 12°39'39 | 28° 2 | 0°10 | 9°30 | 15°37 | 19°54 | 27° 6 | 21°12 | 27°45 | 18°13 | 20°51 | 19°47 | 26° 9 | 16°27 | M 5 |
| T 6 | 20 57 32 | 13°37'01 | 11♒58 | 29♌54 | 10°43 | 16°18 | 20° 6 | 27°13 | 21°10 | 27°48 | 18°15 | 20°50 | 19°44 | 26°16 | 16°28 | T 6 |
| W 7 | 21 1 29 | 14°34'23 | 25°39 | 29°34 | 11°56 | 16°59 | 20°17 | 27°21 | 21° 7 | 27°50 | 18°16 | 20°48 | 19°41 | 26°23 | 16°29 | W 7 |
| T 8 | 21 5 25 | 15°31'46 | 9♓ 2 | 29° 8 | 13° 8 | 17°39 | 20°29 | 27°29 | 21° 5 | 27°52 | 18°17 | 20°45 | 19°38 | 26°29 | 16°29 | T 8 |
| F 9 | 21 9 22 | 16°29'10 | 22° 5 | 28°38 | 14°21 | 18°20 | 20°40 | 27°36 | 21° 3 | 27°54 | 18°19 | 20°41 | 19°35 | 26°36 | 16°30 | F 9 |
| S 10 | 21 13 18 | 17°26'34 | 4♈50 | 28° 3 | 15°33 | 19° 1 | 20°52 | 27°44 | 21° 0 | 27°56 | 18°20 | 20°37 | 19°31 | 26°43 | 16°31 | S 10 |
| S 11 | 21 17 15 | 18°24'00 | 17°17 | 27°25 | 16°46 | 19°41 | 21° 4 | 27°51 | 20°58 | 27°58 | 18°21 | 20°33 | 19°28 | 26°49 | 16°31 | S 11 |
| M12 | 21 21 11 | 19°21'27 | 29°29 | 26°43 | 17°59 | 20°21 | 21°16 | 27°59 | 20°55 | 28° 1 | 18°23 | 20°30 | 19°25 | 26°56 | 16°32 | M12 |
| T 13 | 21 25 8 | 20°18'56 | 11♉29 | 25°59 | 19°11 | 21° 2 | 21°28 | 28° 7 | 20°53 | 28° 3 | 18°24 | 20°29 | 19°22 | 27° 3 | 16°33 | T 13 |
| W14 | 21 29 4 | 21°16'25 | 23°23 | 25°13 | 20°24 | 21°42 | 21°40 | 28°14 | 20°51 | 28° 5 | 18°25 | 20°D28 | 19°19 | 27°10 | 16°33 | W14 |
| T 15 | 21 33 1 | 22°13'56 | 5♊14 | 24°25 | 21°36 | 22°22 | 21°52 | 28°22 | 20°48 | 28° 7 | 18°27 | 20°29 | 19°16 | 27°16 | 16°33 | T 15 |
| F 16 | 21 36 57 | 23°11'28 | 17° 8 | 23°38 | 22°48 | 23° 2 | 22° 4 | 28°30 | 20°46 | 28° 9 | 18°28 | 20°31 | 19°12 | 27°23 | 16°34 | F 16 |
| S 17 | 21 40 54 | 24° 9'02 | 29°10 | 22°50 | 24° 1 | 23°42 | 22°16 | 28°37 | 20°43 | 28°12 | 18°29 | 20°32 | 19° 9 | 27°30 | 16°34 | S 17 |
| S 18 | 21 44 51 | 25° 6'37 | 11♋24 | 22° 5 | 25°13 | 24°22 | 22°28 | 28°45 | 20°41 | 28°14 | 18°30 | 20°34 | 19° 6 | 27°36 | 16°34 | S 18 |
| M19 | 21 48 47 | 26° 4'13 | 23°53 | 21°21 | 26°26 | 25° 2 | 22°40 | 28°53 | 20°39 | 28°16 | 18°32 | 20°R34 | 19° 3 | 27°43 | 16°34 | M19 |
| T 20 | 21 52 44 | 27° 1'50 | 6♌40 | 20°41 | 27°38 | 25°41 | 22°52 | 29° 0 | 20°36 | 28°18 | 18°33 | 20°33 | 19° 0 | 27°50 | 16°34 | T 20 |
| W21 | 21 56 40 | 27°59'29 | 19°46 | 20° 5 | 28°50 | 26°21 | 23° 5 | 29° 8 | 20°34 | 28°21 | 18°34 | 20°30 | 18°56 | 27°56 | 16°R34 | W21 |
| T 22 | 22 0 37 | 28°57'09 | 3♍12 | 19°34 | 0♎ 2 | 27° 0 | 23°17 | 29°16 | 20°32 | 28°23 | 18°35 | 20°25 | 18°53 | 28° 3 | 16°34 | T 22 |
| F 23 | 22 4 33 | 29°54'50 | 16°55 | 19° 8 | 1°15 | 27°39 | 23°29 | 29°23 | 20°29 | 28°25 | 18°37 | 20°20 | 18°50 | 28°10 | 16°34 | F 23 |
| S 24 | 22 8 30 | 0♍52'32 | 0♎52 | 18°48 | 2°27 | 28°19 | 23°42 | 29°31 | 20°27 | 28°27 | 18°38 | 20°13 | 18°47 | 28°16 | 16°34 | S 24 |
| S 25 | 22 12 26 | 1°50'15 | 14°59 | 18°35 | 3°39 | 28°58 | 23°54 | 29°39 | 20°24 | 28°29 | 18°39 | 20° 7 | 18°44 | 28°23 | 16°34 | S 25 |
| M26 | 22 16 23 | 2°47'59 | 29°13 | 18°D29 | 4°51 | 29°37 | 24° 7 | 29°46 | 20°22 | 28°32 | 18°40 | 20° 2 | 18°41 | 28°30 | 16°34 | M26 |
| T 27 | 22 20 20 | 3°45'45 | 13♏28 | 18°31 | 6° 3 | 0♋15 | 24°19 | 29°54 | 20°20 | 28°34 | 18°41 | 19°58 | 18°37 | 28°37 | 16°33 | T 27 |
| W28 | 22 24 16 | 4°43'31 | 27°42 | 18°40 | 7°15 | 0°54 | 24°32 | 0♍ 2 | 20°18 | 28°36 | 18°42 | 19°57 | 18°34 | 28°43 | 16°33 | W28 |
| T 29 | 22 28 13 | 5°41'19 | 11♐53 | 18°56 | 8°27 | 1°33 | 24°44 | 0° 9 | 20°15 | 28°38 | 18°43 | 19°D57 | 18°31 | 28°50 | 16°32 | T 29 |
| F 30 | 22 32 9 | 6°39'08 | 25°57 | 19°20 | 9°39 | 2°11 | 24°57 | 0°17 | 20°13 | 28°41 | 18°45 | 19°58 | 18°28 | 28°57 | 16°32 | F 30 |
| S 31 | 22 36 6 | 7♍36'58 | 9♑56 | 19♌52 | 10♎51 | 2♋50 | 25♍ 9 | 0♍25 | 20♒11 | 28♌43 | 18♋46 | 19♑59 | 18♑25 | 29♉ 3 | 16♉31 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 18n 1 | 24s14 | 4s 2 | 8n12 | 3s19 | 11n12 | 1n32 | 21n52 | 0s25 | 5n16 | 1n 4 | 13n43 | 1n10 | 15s 3 | 0s44 | 12n36 | 0n21 | 19n41 | 2s30 | 21s47 | 21s54 | 23n12 | 15n15 | 1s30 |
| F 2 | 17 45 | 25 37 | 3 4 | 7 59 | 3 32 | 10 45 | 1 31 | 21 58 | 0 25 | 5 12 | 1 4 | 13 40 | 1 10 | 15 4 | 0 44 | 12 35 | 0 21 | 19 41 | 2 30 | 21 47 | 21 54 | 23 13 | 15 16 | 1 30 |
| S 3 | 17 30 | 25 18 | 1 54 | 7 47 | 3 44 | 10 17 | 1 30 | 22 4 | 0 24 | 5 7 | 1 4 | 13 38 | 1 10 | 15 5 | 0 44 | 12 34 | 0 21 | 19 41 | 2 30 | 21 46 | 21 55 | 23 14 | 15 16 | 1 31 |
| S 4 | 17 14 | 23 18 | 0 38 | 7 38 | 3 56 | 9 49 | 1 29 | 22 9 | 0 23 | 5 3 | 1 4 | 13 35 | 1 10 | 15 5 | 0 44 | 12 34 | 0 21 | 19 40 | 2 30 | 21 46 | 21 55 | 23 16 | 15 16 | 1 31 |
| M 5 | 16 58 | 19 52 | 0n39 | 7 32 | 4 7 | 9 21 | 1 28 | 22 15 | 0 22 | 4 58 | 1 4 | 13 33 | 1 10 | 15 6 | 0 44 | 12 33 | 0 21 | 19 40 | 2 30 | 21 46 | 21 56 | 23 17 | 15 16 | 1 31 |
| T 6 | 16 42 | 15 21 | 1 54 | 7 27 | 4 18 | 8 53 | 1 27 | 22 20 | 0 21 | 4 54 | 1 4 | 13 30 | 1 10 | 15 7 | 0 44 | 12 32 | 0 21 | 19 40 | 2 30 | 21 46 | 21 56 | 23 18 | 15 16 | 1 31 |
| W 7 | 16 25 | 10 7 | 3 0 | 7 26 | 4 27 | 8 24 | 1 26 | 22 25 | 0 20 | 4 49 | 1 4 | 13 28 | 1 10 | 15 8 | 0 44 | 12 31 | 0 21 | 19 40 | 2 30 | 21 47 | 21 57 | 23 19 | 15 16 | 1 31 |
| T 8 | 16 9 | 4 32 | 3 54 | 7 27 | 4 35 | 7 55 | 1 25 | 22 30 | 0 19 | 4 44 | 1 4 | 13 25 | 1 10 | 15 8 | 0 44 | 12 31 | 0 21 | 19 40 | 2 30 | 21 47 | 21 57 | 23 20 | 15 16 | 1 32 |
| F 9 | 15 52 | 1n 5 | 4 35 | 7 30 | 4 43 | 7 26 | 1 24 | 22 34 | 0 19 | 4 40 | 1 4 | 13 22 | 1 10 | 15 9 | 0 44 | 12 30 | 0 21 | 19 40 | 2 30 | 21 48 | 21 58 | 23 21 | 15 16 | 1 32 |
| S 10 | 15 34 | 6 32 | 5 1 | 7 36 | 4 48 | 6 57 | 1 22 | 22 38 | 0 18 | 4 35 | 1 3 | 13 20 | 1 10 | 15 10 | 0 44 | 12 29 | 0 21 | 19 40 | 2 30 | 21 49 | 21 58 | 23 22 | 15 16 | 1 32 |
| S 11 | 15 17 | 11 35 | 5 13 | 7 45 | 4 53 | 6 27 | 1 21 | 22 42 | 0 17 | 4 30 | 1 3 | 13 17 | 1 10 | 15 11 | 0 44 | 12 28 | 0 21 | 19 39 | 2 30 | 21 49 | 21 59 | 23 23 | 15 16 | 1 32 |
| M12 | 14 59 | 16 5 | 5 9 | 7 57 | 4 56 | 5 58 | 1 19 | 22 46 | 0 16 | 4 26 | 1 3 | 13 15 | 1 10 | 15 11 | 0 44 | 12 28 | 0 21 | 19 39 | 2 30 | 21 49 | 21 59 | 23 24 | 15 16 | 1 32 |
| T 13 | 14 41 | 19 53 | 4 53 | 8 10 | 4 57 | 5 28 | 1 18 | 22 50 | 0 15 | 4 21 | 1 3 | 13 12 | 1 10 | 15 12 | 0 44 | 12 27 | 0 21 | 19 39 | 2 30 | 21 50 | 21 59 | 23 25 | 15 16 | 1 32 |
| W14 | 14 23 | 22 49 | 4 23 | 8 26 | 4 56 | 4 58 | 1 16 | 22 54 | 0 14 | 4 16 | 1 3 | 13 10 | 1 10 | 15 13 | 0 44 | 12 26 | 0 21 | 19 39 | 2 30 | 21 50 | 22 0 | 23 26 | 15 16 | 1 33 |
| T 15 | 14 4 | 24 47 | 3 43 | 8 44 | 4 53 | 4 28 | 1 14 | 22 57 | 0 13 | 4 11 | 1 3 | 13 7 | 1 10 | 15 14 | 0 44 | 12 25 | 0 21 | 19 39 | 2 30 | 21 50 | 22 0 | 23 27 | 15 16 | 1 33 |
| F 16 | 13 45 | 25 38 | 2 53 | 9 4 | 4 49 | 3 58 | 1 13 | 23 0 | 0 12 | 4 7 | 1 3 | 13 4 | 1 10 | 15 15 | 0 44 | 12 25 | 0 21 | 19 39 | 2 30 | 21 49 | 22 1 | 23 28 | 15 16 | 1 33 |
| S 17 | 13 27 | 25 17 | 1 54 | 9 25 | 4 43 | 3 27 | 1 11 | 23 3 | 0 11 | 4 2 | 1 3 | 13 2 | 1 10 | 15 15 | 0 44 | 12 24 | 0 21 | 19 39 | 2 30 | 21 49 | 22 1 | 23 29 | 15 16 | 1 33 |
| S 18 | 13 7 | 23 44 | 0 50 | 9 47 | 4 35 | 2 57 | 1 9 | 23 6 | 0 10 | 3 57 | 1 3 | 12 59 | 1 11 | 15 16 | 0 44 | 12 23 | 0 21 | 19 38 | 2 30 | 21 49 | 22 2 | 23 30 | 15 16 | 1 33 |
| M19 | 12 48 | 20 59 | 0s18 | 10 10 | 4 25 | 2 27 | 1 7 | 23 8 | 0 9 | 3 52 | 1 3 | 12 57 | 1 11 | 15 17 | 0 44 | 12 22 | 0 21 | 19 38 | 2 30 | 21 49 | 22 2 | 23 31 | 15 16 | 1 33 |
| T 20 | 12 28 | 17 10 | 1 27 | 10 33 | 4 14 | 1 56 | 1 5 | 23 11 | 0 8 | 3 47 | 1 3 | 12 54 | 1 11 | 15 18 | 0 44 | 12 22 | 0 21 | 19 38 | 2 30 | 21 49 | 22 3 | 23 32 | 15 15 | 1 34 |
| W21 | 12 9 | 12 27 | 2 32 | 10 57 | 4 1 | 1 25 | 1 3 | 23 13 | 0 7 | 3 42 | 1 3 | 12 51 | 1 11 | 15 18 | 0 44 | 12 21 | 0 21 | 19 38 | 2 30 | 21 50 | 22 3 | 23 33 | 15 15 | 1 34 |
| T 22 | 11 49 | 7 2 | 3 31 | 11 20 | 3 47 | 0 55 | 1 1 | 23 15 | 0 7 | 3 37 | 1 3 | 12 49 | 1 11 | 15 19 | 0 44 | 12 20 | 0 21 | 19 38 | 2 30 | 21 50 | 22 3 | 23 34 | 15 15 | 1 34 |
| F 23 | 11 29 | 1 11 | 4 19 | 11 42 | 3 32 | 0 24 | 0 58 | 23 16 | 0 6 | 3 33 | 1 3 | 12 46 | 1 11 | 15 20 | 0 44 | 12 19 | 0 21 | 19 38 | 2 30 | 21 51 | 22 4 | 23 35 | 15 15 | 1 34 |
| S 24 | 11 8 | 4s48 | 4 52 | 12 3 | 3 15 | 0s 7 | 0 56 | 23 18 | 0 5 | 3 28 | 1 3 | 12 43 | 1 11 | 15 21 | 0 44 | 12 19 | 0 21 | 19 37 | 2 30 | 21 52 | 22 4 | 23 36 | 15 15 | 1 34 |
| S 25 | 10 48 | 10 37 | 5 8 | 12 23 | 2 59 | 0 38 | 0 54 | 23 19 | 0 4 | 3 23 | 1 3 | 12 41 | 1 11 | 15 21 | 0 44 | 12 18 | 0 21 | 19 37 | 2 29 | 21 53 | 22 5 | 23 37 | 15 14 | 1 35 |
| M26 | 10 27 | 15 55 | 5 5 | 12 42 | 2 41 | 1 8 | 0 51 | 23 21 | 0 3 | 3 18 | 1 3 | 12 38 | 1 11 | 15 22 | 0 44 | 12 17 | 0 21 | 19 37 | 2 29 | 21 54 | 22 5 | 23 38 | 15 14 | 1 35 |
| T 27 | 10 6 | 20 21 | 4 44 | 12 58 | 2 23 | 1 39 | 0 49 | 23 22 | 0 2 | 3 13 | 1 3 | 12 36 | 1 11 | 15 23 | 0 44 | 12 16 | 0 21 | 19 37 | 2 29 | 21 54 | 22 6 | 23 39 | 15 14 | 1 35 |
| W28 | 9 45 | 23 35 | 4 5 | 13 13 | 2 5 | 2 10 | 0 46 | 23 22 | 0 1 | 3 8 | 1 3 | 12 33 | 1 11 | 15 23 | 0 44 | 12 16 | 0 21 | 19 37 | 2 29 | 21 54 | 22 6 | 23 40 | 15 14 | 1 35 |
| T 29 | 9 24 | 25 19 | 3 11 | 13 25 | 1 47 | 2 41 | 0 43 | 23 23 | 0n 0 | 3 3 | 1 3 | 12 30 | 1 11 | 15 24 | 0 44 | 12 15 | 0 21 | 19 37 | 2 29 | 21 54 | 22 7 | 23 41 | 15 13 | 1 35 |
| F 30 | 9 3 | 25 25 | 2 6 | 13 34 | 1 30 | 3 12 | 0 41 | 23 23 | 0 1 | 2 58 | 1 3 | 12 28 | 1 11 | 15 25 | 0 44 | 12 14 | 0 21 | 19 37 | 2 29 | 21 54 | 22 7 | 23 42 | 15 13 | 1 35 |
| S 31 | 8n42 | 23s55 | 0s54 | 13n41 | 1s12 | 3s42 | 0n38 | 23n24 | 0n 2 | 2n53 | 1n 3 | 12n25 | 1n12 | 15s26 | 0s44 | 12n13 | 0n21 | 19n37 | 2s29 | 21s54 | 22s 7 | 23n43 | 15n13 | 1s36 |

Julian Day Number = 2604793.5, Delta T = 09m35s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'23, Lahiri = 29°43'24


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## SEPTEMBER 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 40 2 | 8♍34'49 | 23♉46 | 20♌32 | 12♎ 3 | 3♋28 | 25♍22 | 0♍32 | 20°R 8 | 28♌45 | 18♋47 | 19°R59 | 18♉22 | 29♉10 | 16°R31 | S 1 |
| M 2 | 22 43 59 | 9°32'41 | 7♒28 | 21°19 | 13°15 | 4° 6 | 25°35 | 0°40 | 20♒ 6 | 28°47 | 18°48 | 19♉58 | 18°18 | 29°17 | 16♉30 | M 2 |
| T 3 | 22 47 55 | 10°30'35 | 21° 0 | 22°13 | 14°27 | 4°44 | 25°47 | 0°48 | 20° 4 | 28°49 | 18°49 | 19°54 | 18°15 | 29°23 | 16°29 | T 3 |
| W 4 | 22 51 52 | 11°28'30 | 4♓20 | 23°15 | 15°39 | 5°22 | 26° 0 | 0°55 | 20° 2 | 28°52 | 18°50 | 19°48 | 18°12 | 29°30 | 16°29 | W 4 |
| T 5 | 22 55 49 | 12°26'26 | 17°27 | 24°22 | 16°50 | 6° 0 | 26°13 | 1° 3 | 20° 0 | 28°54 | 18°51 | 19°40 | 18° 9 | 29°37 | 16°28 | T 5 |
| F 6 | 22 59 45 | 13°24'24 | 0♈19 | 25°37 | 18° 2 | 6°37 | 26°26 | 1°10 | 19°58 | 28°56 | 18°52 | 19°31 | 18° 6 | 29°43 | 16°27 | F 6 |
| S 7 | 23 3 42 | 14°22'24 | 12°55 | 26°57 | 19°14 | 7°15 | 26°39 | 1°18 | 19°55 | 28°58 | 18°53 | 19°21 | 18° 2 | 29°50 | 16°26 | S 7 |
| S 8 | 23 7 38 | 15°20'25 | 25°17 | 28°22 | 20°25 | 7°52 | 26°51 | 1°25 | 19°53 | 29° 0 | 18°54 | 19°12 | 17°59 | 29°57 | 16°25 | S 8 |
| M 9 | 23 11 35 | 16°18'28 | 7♉26 | 29°53 | 21°37 | 8°30 | 27° 4 | 1°33 | 19°51 | 29° 2 | 18°55 | 19° 4 | 17°56 | 0♊ 3 | 16°24 | M 9 |
| T 10 | 23 15 31 | 17°16'33 | 19°25 | 1♍28 | 22°48 | 9° 7 | 27°17 | 1°41 | 19°49 | 29° 4 | 18°55 | 18°58 | 17°53 | 0°10 | 16°23 | T 10 |
| W11 | 23 19 28 | 18°14'40 | 1♊17 | 3° 7 | 24° 0 | 9°44 | 27°30 | 1°48 | 19°47 | 29° 7 | 18°56 | 18°54 | 17°50 | 0°17 | 16°21 | W11 |
| T 12 | 23 23 24 | 19°12'49 | 13° 8 | 4°49 | 25°11 | 10°21 | 27°43 | 1°55 | 19°45 | 29° 9 | 18°57 | 18°52 | 17°47 | 0°24 | 16°20 | T 12 |
| F 13 | 23 27 21 | 20°11'00 | 25° 0 | 6°34 | 26°23 | 10°58 | 27°56 | 2° 3 | 19°43 | 29°11 | 18°58 | 18°D52 | 17°43 | 0°30 | 16°19 | F 13 |
| S 14 | 23 31 18 | 21° 9'13 | 7♋ 2 | 8°22 | 27°34 | 11°34 | 28° 9 | 2°10 | 19°41 | 29°13 | 18°59 | 18°53 | 17°40 | 0°37 | 16°18 | S 14 |
| S 15 | 23 35 14 | 22° 7'27 | 19°16 | 10°12 | 28°45 | 12°11 | 28°21 | 2°18 | 19°39 | 29°15 | 19° 0 | 18°R53 | 17°37 | 0°44 | 16°16 | S 15 |
| M16 | 23 39 11 | 23° 5'44 | 1♌49 | 12° 3 | 29°57 | 12°47 | 28°34 | 2°25 | 19°38 | 29°17 | 19° 0 | 18°53 | 17°34 | 0°50 | 16°15 | M16 |
| T 17 | 23 43 7 | 24° 4'03 | 14°43 | 13°56 | 1♏ 8 | 13°24 | 28°47 | 2°32 | 19°36 | 29°19 | 19° 1 | 18°50 | 17°31 | 0°57 | 16°13 | T 17 |
| W18 | 23 47 4 | 25° 2'23 | 28° 3 | 15°49 | 2°19 | 14° 0 | 29° 0 | 2°40 | 19°34 | 29°21 | 19° 2 | 18°44 | 17°28 | 1° 4 | 16°12 | W18 |
| T 19 | 23 51 0 | 26° 0'46 | 11♍46 | 17°43 | 3°30 | 14°36 | 29°13 | 2°47 | 19°32 | 29°23 | 19° 3 | 18°37 | 17°24 | 1°10 | 16°10 | T 19 |
| F 20 | 23 54 57 | 26°59'10 | 25°52 | 19°37 | 4°41 | 15°12 | 29°26 | 2°54 | 19°30 | 29°25 | 19° 3 | 18°27 | 17°21 | 1°17 | 16° 8 | F 20 |
| S 21 | 23 58 53 | 27°57'37 | 10♎16 | 21°31 | 5°52 | 15°47 | 29°39 | 3° 2 | 19°29 | 29°27 | 19° 4 | 18°16 | 17°18 | 1°24 | 16° 7 | S 21 |
| S 22 | 0 2 50 | 28°56'05 | 24°51 | 23°25 | 7° 3 | 16°23 | 29°52 | 3° 9 | 19°27 | 29°29 | 19° 5 | 18° 6 | 17°15 | 1°30 | 16° 5 | S 22 |
| M23 | 0 6 47 | 29°54'34 | 9♏30 | 25°19 | 8°14 | 16°58 | 0♎ 5 | 3°16 | 19°25 | 29°31 | 19° 5 | 17°57 | 17°12 | 1°37 | 16° 3 | M23 |
| T 24 | 0 10 43 | 0♎53'06 | 24° 6 | 27°12 | 9°25 | 17°33 | 0°18 | 3°23 | 19°24 | 29°33 | 19° 6 | 17°50 | 17° 8 | 1°44 | 16° 1 | T 24 |
| W25 | 0 14 40 | 1°51'39 | 8♐33 | 29° 4 | 10°36 | 18° 8 | 0°31 | 3°30 | 19°22 | 29°35 | 19° 6 | 17°46 | 17° 5 | 1°50 | 15°59 | W25 |
| T 26 | 0 18 36 | 2°50'14 | 22°48 | 0♎56 | 11°47 | 18°43 | 0°44 | 3°37 | 19°21 | 29°37 | 19° 7 | 17°44 | 17° 2 | 1°57 | 15°57 | T 26 |
| F 27 | 0 22 33 | 3°48'50 | 6♑48 | 2°47 | 12°57 | 19°18 | 0°57 | 3°44 | 19°19 | 29°39 | 19° 8 | 17°D44 | 16°59 | 2° 4 | 15°55 | F 27 |
| S 28 | 0 26 29 | 4°47'28 | 20°35 | 4°37 | 14° 8 | 19°52 | 1°10 | 3°51 | 19°18 | 29°41 | 19° 8 | 17°R44 | 16°56 | 2°11 | 15°53 | S 28 |
| S 29 | 0 30 26 | 5°46'08 | 4♒ 8 | 6°26 | 15°19 | 20°27 | 1°23 | 3°58 | 19°16 | 29°43 | 19° 9 | 17°43 | 16°53 | 2°17 | 15°51 | S 29 |
| M30 | 0 34 22 | 6♎44'49 | 17♒29 | 8♎14 | 16♏29 | 21♋ 1 | 1♎36 | 4♍ 5 | 19♒15 | 29♌45 | 19♋ 9 | 17♉40 | 16♉49 | 2♊24 | 15♉49 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n20 | 20s58 | 0n20 | 13n45 | 0s55 | 4s13 | 0n35 | 23n24 | 0n 3 | 2n48 | 1n 3 | 12n22 | 1n12 | 15s26 | 0s44 | 12n13 | 0n21 | 19n36 | 2s29 | 21s54 | 22s 8 | 23n44 | 15n12 | 1s36 |
| M 2 | 7 58 | 16 52 | 1 33 | 13 46 | 0 38 | 4 43 | 0 32 | 23 24 | 0 5 | 2 43 | 1 3 | 12 20 | 1 12 | 15 27 | 0 44 | 12 12 | 0 21 | 19 36 | 2 29 | 21 54 | 22 8 | 23 45 | 15 12 | 1 36 |
| T 3 | 7 37 | 11 57 | 2 39 | 13 44 | 0 22 | 5 14 | 0 29 | 23 24 | 0 6 | 2 38 | 1 3 | 12 17 | 1 12 | 15 28 | 0 44 | 12 11 | 0 21 | 19 36 | 2 29 | 21 55 | 22 9 | 23 46 | 15 12 | 1 36 |
| W 4 | 7 15 | 6 33 | 3 35 | 13 38 | 0 7 | 5 44 | 0 27 | 23 23 | 0 7 | 2 33 | 1 3 | 12 15 | 1 12 | 15 28 | 0 44 | 12 10 | 0 21 | 19 36 | 2 29 | 21 56 | 22 9 | 23 47 | 15 11 | 1 36 |
| T 5 | 6 53 | 0 58 | 4 19 | 13 30 | 0n 8 | 6 14 | 0 24 | 23 23 | 0 8 | 2 27 | 1 3 | 12 12 | 1 12 | 15 29 | 0 44 | 12 10 | 0 21 | 19 36 | 2 29 | 21 57 | 22 10 | 23 47 | 15 11 | 1 37 |
| F 6 | 6 31 | 4n32 | 4 48 | 13 18 | 0 22 | 6 45 | 0 20 | 23 22 | 0 9 | 2 22 | 1 3 | 12 9 | 1 12 | 15 30 | 0 44 | 12 9 | 0 21 | 19 36 | 2 29 | 21 58 | 22 10 | 23 48 | 15 10 | 1 37 |
| S 7 | 6 8 | 9 45 | 5 3 | 13 2 | 0 34 | 7 15 | 0 17 | 23 21 | 0 10 | 2 17 | 1 3 | 12 7 | 1 12 | 15 30 | 0 44 | 12 8 | 0 21 | 19 36 | 2 29 | 22 0 | 22 10 | 23 49 | 15 10 | 1 37 |
| S 8 | 5 46 | 14 28 | 5 3 | 12 44 | 0 46 | 7 44 | 0 14 | 23 20 | 0 11 | 2 12 | 1 3 | 12 4 | 1 12 | 15 31 | 0 44 | 12 7 | 0 21 | 19 36 | 2 29 | 22 1 | 22 11 | 23 50 | 15 9 | 1 37 |
| M 9 | 5 23 | 18 32 | 4 50 | 12 23 | 0 57 | 8 14 | 0 11 | 23 19 | 0 12 | 2 7 | 1 3 | 12 2 | 1 12 | 15 32 | 0 44 | 12 7 | 0 21 | 19 35 | 2 29 | 22 2 | 22 11 | 23 51 | 15 9 | 1 37 |
| T 10 | 5 1 | 21 46 | 4 24 | 11 58 | 1 6 | 8 44 | 0 8 | 23 17 | 0 13 | 2 2 | 1 3 | 11 59 | 1 12 | 15 32 | 0 44 | 12 6 | 0 21 | 19 35 | 2 29 | 22 3 | 22 12 | 23 52 | 15 9 | 1 37 |
| W11 | 4 38 | 24 4 | 3 46 | 11 31 | 1 15 | 9 13 | 0 5 | 23 16 | 0 14 | 1 57 | 1 3 | 11 56 | 1 13 | 15 33 | 0 44 | 12 5 | 0 21 | 19 35 | 2 29 | 22 3 | 22 12 | 23 53 | 15 8 | 1 38 |
| T 12 | 4 16 | 25 17 | 2 59 | 11 0 | 1 23 | 9 42 | 0 1 | 23 14 | 0 15 | 1 52 | 1 3 | 11 54 | 1 13 | 15 34 | 0 44 | 12 4 | 0 21 | 19 35 | 2 29 | 22 4 | 22 12 | 23 54 | 15 7 | 1 38 |
| F 13 | 3 53 | 25 21 | 2 4 | 10 28 | 1 29 | 10 11 | 0s 2 | 23 12 | 0 16 | 1 47 | 1 3 | 11 51 | 1 13 | 15 34 | 0 44 | 12 4 | 0 21 | 19 35 | 2 29 | 22 4 | 22 13 | 23 54 | 15 7 | 1 38 |
| S 14 | 3 30 | 24 15 | 1 3 | 9 53 | 1 35 | 10 40 | 0 5 | 23 10 | 0 18 | 1 42 | 1 3 | 11 49 | 1 13 | 15 35 | 0 44 | 12 3 | 0 21 | 19 35 | 2 29 | 22 4 | 22 13 | 23 55 | 15 6 | 1 38 |
| S 15 | 3 7 | 21 58 | 0s 2 | 9 16 | 1 39 | 11 9 | 0 9 | 23 8 | 0 19 | 1 37 | 1 3 | 11 46 | 1 13 | 15 35 | 0 44 | 12 2 | 0 21 | 19 35 | 2 29 | 22 3 | 22 14 | 23 56 | 15 6 | 1 38 |
| M16 | 2 44 | 18 36 | 1 8 | 8 37 | 1 43 | 11 37 | 0 12 | 23 6 | 0 20 | 1 31 | 1 3 | 11 44 | 1 13 | 15 36 | 0 44 | 12 2 | 0 21 | 19 35 | 2 29 | 22 4 | 22 14 | 23 57 | 15 5 | 1 38 |
| T 17 | 2 21 | 14 15 | 2 13 | 7 56 | 1 45 | 12 5 | 0 16 | 23 4 | 0 21 | 1 26 | 1 3 | 11 41 | 1 13 | 15 36 | 0 44 | 12 1 | 0 21 | 19 35 | 2 29 | 22 4 | 22 15 | 23 58 | 15 5 | 1 39 |
| W18 | 1 58 | 9 7 | 3 12 | 7 14 | 1 47 | 12 33 | 0 19 | 23 1 | 0 22 | 1 21 | 1 3 | 11 39 | 1 13 | 15 37 | 0 44 | 12 0 | 0 21 | 19 34 | 2 29 | 22 5 | 22 15 | 23 59 | 15 4 | 1 39 |
| T 19 | 1 35 | 3 24 | 4 2 | 6 30 | 1 48 | 13 1 | 0 23 | 22 58 | 0 23 | 1 16 | 1 3 | 11 36 | 1 14 | 15 38 | 0 44 | 11 59 | 0 21 | 19 34 | 2 29 | 22 6 | 22 15 | 23 59 | 15 3 | 1 39 |
| F 20 | 1 12 | 2s38 | 4 39 | 5 46 | 1 48 | 13 28 | 0 26 | 22 56 | 0 24 | 1 11 | 1 3 | 11 34 | 1 14 | 15 38 | 0 44 | 11 59 | 0 21 | 19 34 | 2 29 | 22 7 | 22 16 | 24 0 | 15 3 | 1 39 |
| S 21 | 0 49 | 8 38 | 4 59 | 5 1 | 1 48 | 13 55 | 0 30 | 22 53 | 0 26 | 1 6 | 1 3 | 11 31 | 1 14 | 15 39 | 0 44 | 11 58 | 0 21 | 19 34 | 2 29 | 22 9 | 22 16 | 24 1 | 15 2 | 1 39 |
| S 22 | 0 25 | 14 15 | 5 0 | 4 15 | 1 47 | 14 22 | 0 33 | 22 50 | 0 27 | 1 1 | 1 3 | 11 29 | 1 14 | 15 39 | 0 44 | 11 57 | 0 21 | 19 34 | 2 29 | 22 10 | 22 17 | 24 2 | 15 2 | 1 39 |
| M23 | 0 2 | 19 4 | 4 41 | 3 28 | 1 45 | 14 48 | 0 37 | 22 47 | 0 28 | 0 55 | 1 3 | 11 26 | 1 14 | 15 40 | 0 44 | 11 57 | 0 21 | 19 34 | 2 29 | 22 11 | 22 17 | 24 2 | 15 1 | 1 40 |
| T 24 | 0s21 | 22 42 | 4 4 | 2 41 | 1 43 | 15 14 | 0 41 | 22 43 | 0 29 | 0 50 | 1 3 | 11 24 | 1 14 | 15 40 | 0 44 | 11 56 | 0 21 | 19 34 | 2 29 | 22 12 | 22 17 | 24 3 | 15 0 | 1 40 |
| W25 | 0 44 | 24 50 | 3 12 | 1 54 | 1 40 | 15 40 | 0 44 | 22 40 | 0 30 | 0 45 | 1 3 | 11 21 | 1 14 | 15 41 | 0 44 | 11 55 | 0 21 | 19 34 | 2 29 | 22 13 | 22 18 | 24 4 | 14 59 | 1 40 |
| T 26 | 1 8 | 25 19 | 2 8 | 1 6 | 1 36 | 16 6 | 0 48 | 22 36 | 0 32 | 0 40 | 1 3 | 11 19 | 1 14 | 15 41 | 0 44 | 11 55 | 0 21 | 19 34 | 2 29 | 22 13 | 22 18 | 24 5 | 14 59 | 1 40 |
| F 27 | 1 31 | 24 10 | 0 58 | 0 19 | 1 32 | 16 31 | 0 51 | 22 33 | 0 33 | 0 35 | 1 3 | 11 16 | 1 15 | 15 41 | 0 44 | 11 54 | 0 21 | 19 34 | 2 29 | 22 13 | 22 19 | 24 6 | 14 58 | 1 40 |
| S 28 | 1 54 | 21 34 | 0n15 | 0s29 | 1 28 | 16 55 | 0 55 | 22 29 | 0 34 | 0 30 | 1 3 | 11 14 | 1 15 | 15 42 | 0 44 | 11 53 | 0 21 | 19 34 | 2 29 | 22 13 | 22 19 | 24 6 | 14 57 | 1 40 |
| S 29 | 2 17 | 17 47 | 1 26 | 1 16 | 1 24 | 17 20 | 0 59 | 22 25 | 0 35 | 0 25 | 1 3 | 11 12 | 1 15 | 15 42 | 0 44 | 11 53 | 0 21 | 19 34 | 2 29 | 22 13 | 22 19 | 24 7 | 14 57 | 1 41 |
| M30 | 2s40 | 13s10 | 2n30 | 2s 3 | 1n19 | 17s44 | 1s 2 | 22n21 | 0n37 | 0n20 | 1n 3 | 11n 9 | 1n15 | 15s43 | 0s44 | 11n52 | 0n21 | 19n33 | 2s29 | 22s13 | 22s20 | 24n 8 | 14n56 | 1s41 |

Julian Day Number = 2604824.5, Delta T = 09m35s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'27, Lahiri = 29°43'29


created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

## OCTOBER 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 38 19 | 7♎43'32 | 0♓38 | 10♎ 2 | 17♏40 | 21♋35 | 1♎49 | 4♍12 | 19°R13 | 29♌47 | 19♋10 | 17°R35 | 16♑46 | 2♊31 | 15°R47 | T 1 |
| W 2 | 0 42 16 | 8°42'16 | 13°36 | 11°48 | 18°50 | 22° 9 | 2° 2 | 4°19 | 19♒12 | 29°48 | 19°10 | 17♑26 | 16°43 | 2°37 | 15♉45 | W 2 |
| T 3 | 0 46 12 | 9°41'03 | 26°23 | 13°34 | 20° 0 | 22°43 | 2°15 | 4°26 | 19°11 | 29°50 | 19°10 | 17°15 | 16°40 | 2°44 | 15°43 | T 3 |
| F 4 | 0 50 9 | 10°39'51 | 8♈59 | 15°18 | 21°11 | 23°16 | 2°28 | 4°32 | 19°10 | 29°52 | 19°11 | 17° 2 | 16°37 | 2°51 | 15°40 | F 4 |
| S 5 | 0 54 5 | 11°38'41 | 21°23 | 17° 2 | 22°21 | 23°49 | 2°40 | 4°39 | 19° 8 | 29°54 | 19°11 | 16°48 | 16°33 | 2°57 | 15°38 | S 5 |
| S 6 | 0 58 2 | 12°37'33 | 3♉36 | 18°45 | 23°31 | 24°23 | 2°53 | 4°46 | 19° 7 | 29°56 | 19°12 | 16°35 | 16°30 | 3° 4 | 15°36 | S 6 |
| M 7 | 1 1 58 | 13°36'28 | 15°40 | 20°27 | 24°41 | 24°56 | 3° 6 | 4°52 | 19° 6 | 29°57 | 19°12 | 16°23 | 16°27 | 3°11 | 15°33 | M 7 |
| T 8 | 1 5 55 | 14°35'24 | 27°35 | 22° 7 | 25°51 | 25°28 | 3°19 | 4°59 | 19° 5 | 29°59 | 19°12 | 16°14 | 16°24 | 3°17 | 15°31 | T 8 |
| W 9 | 1 9 51 | 15°34'23 | 9♊24 | 23°48 | 27° 1 | 26° 1 | 3°32 | 5° 5 | 19° 4 | 0♍ 1 | 19°12 | 16° 7 | 16°21 | 3°24 | 15°28 | W 9 |
| T 10 | 1 13 48 | 16°33'24 | 21°12 | 25°27 | 28°11 | 26°33 | 3°45 | 5°12 | 19° 3 | 0° 2 | 19°13 | 16° 3 | 16°18 | 3°31 | 15°26 | T 10 |
| F 11 | 1 17 44 | 17°32'28 | 3♋ 3 | 27° 5 | 29°20 | 27° 6 | 3°58 | 5°18 | 19° 2 | 0° 4 | 19°13 | 16° 1 | 16°14 | 3°37 | 15°23 | F 11 |
| S 12 | 1 21 41 | 18°31'33 | 15° 2 | 28°43 | 0♐30 | 27°38 | 4°10 | 5°24 | 19° 2 | 0° 6 | 19°13 | 16° 1 | 16°11 | 3°44 | 15°21 | S 12 |
| S 13 | 1 25 38 | 19°30'41 | 27°14 | 0♏19 | 1°40 | 28° 9 | 4°23 | 5°31 | 19° 1 | 0° 7 | 19°13 | 16° 1 | 16° 8 | 3°51 | 15°18 | S 13 |
| M14 | 1 29 34 | 20°29'51 | 9♌45 | 1°55 | 2°49 | 28°41 | 4°36 | 5°37 | 19° 0 | 0° 9 | 19°13 | 16° 0 | 16° 5 | 3°57 | 15°15 | M14 |
| T 15 | 1 33 31 | 21°29'04 | 22°39 | 3°31 | 3°59 | 29°12 | 4°49 | 5°43 | 18°59 | 0°10 | 19°14 | 15°57 | 16° 2 | 4° 4 | 15°13 | T 15 |
| W16 | 1 37 27 | 22°28'18 | 6♍ 1 | 5° 5 | 5° 8 | 29°43 | 5° 1 | 5°49 | 18°59 | 0°12 | 19°14 | 15°52 | 15°59 | 4°11 | 15°10 | W16 |
| T 17 | 1 41 24 | 23°27'35 | 19°51 | 6°39 | 6°17 | 0♌14 | 5°14 | 5°55 | 18°58 | 0°13 | 19°14 | 15°44 | 15°55 | 4°17 | 15° 7 | T 17 |
| F 18 | 1 45 20 | 24°26'54 | 4♎ 9 | 8°12 | 7°26 | 0°45 | 5°26 | 6° 1 | 18°57 | 0°15 | 19°14 | 15°33 | 15°52 | 4°24 | 15° 4 | F 18 |
| S 19 | 1 49 17 | 25°26'15 | 18°50 | 9°44 | 8°36 | 1°16 | 5°39 | 6° 7 | 18°57 | 0°16 | 19°14 | 15°22 | 15°49 | 4°31 | 15° 2 | S 19 |
| S 20 | 1 53 13 | 26°25'38 | 3♏46 | 11°15 | 9°45 | 1°46 | 5°52 | 6°13 | 18°56 | 0°18 | 19°R14 | 15°10 | 15°46 | 4°37 | 14°59 | S 20 |
| M21 | 1 57 10 | 27°25'04 | 18°49 | 12°46 | 10°53 | 2°16 | 6° 4 | 6°19 | 18°56 | 0°19 | 19°14 | 15° 1 | 15°43 | 4°44 | 14°56 | M21 |
| T 22 | 2 1 7 | 28°24'31 | 3♐48 | 14°16 | 12° 2 | 2°45 | 6°17 | 6°24 | 18°55 | 0°20 | 19°14 | 14°53 | 15°39 | 4°51 | 14°53 | T 22 |
| W23 | 2 5 3 | 29°24'00 | 18°36 | 15°46 | 13°11 | 3°15 | 6°29 | 6°30 | 18°55 | 0°22 | 19°14 | 14°48 | 15°36 | 4°58 | 14°50 | W23 |
| T 24 | 2 9 0 | 0♏23'31 | 3♑ 5 | 17°14 | 14°19 | 3°44 | 6°42 | 6°36 | 18°55 | 0°23 | 19°14 | 14°46 | 15°33 | 5° 4 | 14°47 | T 24 |
| F 25 | 2 12 56 | 1°23'03 | 17°14 | 18°42 | 15°28 | 4°13 | 6°54 | 6°41 | 18°55 | 0°24 | 19°14 | 14°D46 | 15°30 | 5°11 | 14°45 | F 25 |
| S 26 | 2 16 53 | 2°22'37 | 1♒ 2 | 20°10 | 16°36 | 4°42 | 7° 6 | 6°47 | 18°54 | 0°26 | 19°13 | 14°R46 | 15°27 | 5°18 | 14°42 | S 26 |
| S 27 | 2 20 49 | 3°22'13 | 14°29 | 21°36 | 17°45 | 5°10 | 7°19 | 6°52 | 18°54 | 0°27 | 19°13 | 14°45 | 15°24 | 5°24 | 14°39 | S 27 |
| M28 | 2 24 46 | 4°21'51 | 27°39 | 23° 2 | 18°53 | 5°38 | 7°31 | 6°57 | 18°54 | 0°28 | 19°13 | 14°43 | 15°20 | 5°31 | 14°36 | M28 |
| T 29 | 2 28 42 | 5°21'30 | 10♓33 | 24°27 | 20° 1 | 6° 6 | 7°43 | 7° 2 | 18°D54 | 0°29 | 19°13 | 14°38 | 15°17 | 5°38 | 14°33 | T 29 |
| W30 | 2 32 39 | 6°21'11 | 23°14 | 25°51 | 21° 8 | 6°34 | 7°55 | 7° 8 | 18°54 | 0°30 | 19°13 | 14°31 | 15°14 | 5°44 | 14°30 | W30 |
| T 31 | 2 36 36 | 7♏20'53 | 5♈43 | 27♏15 | 22♐16 | 7♌ 1 | 8♎ 7 | 7♍13 | 18♒54 | 0♍31 | 19♋12 | 14♑21 | 15♑11 | 5♊51 | 14♉27 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 4 | 8s 0 | 3n26 | 2s50 | 1n14 | 18s 7 | 1s 6 | 22n17 | 0n38 | 0n15 | 1n 3 | 11n 7 | 1n15 | 15s43 | 0s44 | 11n52 | 0n21 | 19n33 | 2s29 | 22s14 | 22s20 | 24n 8 | 14n55 | 1s41 |
| W 2 | 3 27 | 2 35 | 4 10 | 3 37 | 1 8 | 18 30 | 1 10 | 22 13 | 0 39 | 0 9 | 1 3 | 11 4 | 1 15 | 15 43 | 0 44 | 11 51 | 0 21 | 19 33 | 2 29 | 22 15 | 22 21 | 24 9 | 14 54 | 1 41 |
| T 3 | 3 50 | 2n52 | 4 41 | 4 23 | 1 2 | 18 53 | 1 13 | 22 9 | 0 41 | 0 4 | 1 3 | 11 2 | 1 15 | 15 44 | 0 44 | 11 50 | 0 21 | 19 33 | 2 29 | 22 17 | 22 21 | 24 10 | 14 53 | 1 41 |
| F 4 | 4 13 | 8 6 | 4 57 | 5 9 | 0 56 | 19 15 | 1 17 | 22 4 | 0 42 | 0s 1 | 1 3 | 11 0 | 1 16 | 15 44 | 0 44 | 11 50 | 0 21 | 19 33 | 2 29 | 22 18 | 22 21 | 24 11 | 14 53 | 1 41 |
| S 5 | 4 36 | 12 56 | 4 59 | 5 54 | 0 50 | 19 37 | 1 21 | 22 0 | 0 43 | 0 6 | 1 3 | 10 58 | 1 16 | 15 45 | 0 44 | 11 49 | 0 21 | 19 33 | 2 29 | 22 20 | 22 22 | 24 11 | 14 52 | 1 42 |
| S 6 | 4 59 | 17 11 | 4 47 | 6 39 | 0 44 | 19 58 | 1 24 | 21 56 | 0 45 | 0 11 | 1 3 | 10 55 | 1 16 | 15 45 | 0 44 | 11 48 | 0 21 | 19 33 | 2 29 | 22 22 | 22 22 | 24 12 | 14 51 | 1 42 |
| M 7 | 5 21 | 20 40 | 4 22 | 7 24 | 0 37 | 20 19 | 1 28 | 21 51 | 0 46 | 0 16 | 1 3 | 10 53 | 1 16 | 15 45 | 0 44 | 11 48 | 0 21 | 19 33 | 2 29 | 22 23 | 22 22 | 24 13 | 14 50 | 1 42 |
| T 8 | 5 44 | 23 15 | 3 46 | 8 7 | 0 31 | 20 39 | 1 31 | 21 46 | 0 47 | 0 21 | 1 3 | 10 51 | 1 16 | 15 45 | 0 44 | 11 47 | 0 21 | 19 33 | 2 29 | 22 24 | 22 23 | 24 13 | 14 49 | 1 42 |
| W 9 | 6 7 | 24 47 | 3 1 | 8 51 | 0 24 | 20 59 | 1 35 | 21 42 | 0 49 | 0 26 | 1 3 | 10 48 | 1 16 | 15 46 | 0 44 | 11 47 | 0 22 | 19 33 | 2 29 | 22 25 | 22 23 | 24 14 | 14 48 | 1 42 |
| T 10 | 6 30 | 25 13 | 2 7 | 9 33 | 0 17 | 21 18 | 1 38 | 21 37 | 0 50 | 0 31 | 1 3 | 10 46 | 1 16 | 15 46 | 0 44 | 11 46 | 0 22 | 19 33 | 2 29 | 22 25 | 22 24 | 24 15 | 14 48 | 1 42 |
| F 11 | 6 52 | 24 29 | 1 8 | 10 15 | 0 10 | 21 37 | 1 42 | 21 32 | 0 51 | 0 36 | 1 3 | 10 44 | 1 17 | 15 46 | 0 44 | 11 46 | 0 22 | 19 33 | 2 29 | 22 26 | 22 24 | 24 15 | 14 47 | 1 42 |
| S 12 | 7 15 | 22 38 | 0 5 | 10 56 | 0 3 | 21 56 | 1 45 | 21 27 | 0 53 | 0 41 | 1 3 | 10 42 | 1 17 | 15 47 | 0 44 | 11 45 | 0 22 | 19 33 | 2 29 | 22 26 | 22 24 | 24 16 | 14 46 | 1 43 |
| S 13 | 7 37 | 19 42 | 0s59 | 11 37 | 0s 4 | 22 13 | 1 49 | 21 22 | 0 54 | 0 46 | 1 4 | 10 40 | 1 17 | 15 47 | 0 44 | 11 45 | 0 22 | 19 33 | 2 29 | 22 26 | 22 25 | 24 17 | 14 45 | 1 43 |
| M14 | 7 59 | 15 48 | 2 2 | 12 17 | 0 11 | 22 31 | 1 52 | 21 17 | 0 56 | 0 51 | 1 4 | 10 38 | 1 17 | 15 47 | 0 43 | 11 44 | 0 22 | 19 33 | 2 29 | 22 26 | 22 25 | 24 17 | 14 44 | 1 43 |
| T 15 | 8 22 | 11 5 | 3 1 | 12 56 | 0 18 | 22 47 | 1 56 | 21 12 | 0 57 | 0 56 | 1 4 | 10 36 | 1 17 | 15 47 | 0 43 | 11 43 | 0 22 | 19 33 | 2 29 | 22 26 | 22 26 | 24 18 | 14 43 | 1 43 |
| W16 | 8 44 | 5 41 | 3 52 | 13 35 | 0 25 | 23 3 | 1 59 | 21 7 | 0 58 | 1 1 | 1 4 | 10 33 | 1 17 | 15 47 | 0 43 | 11 43 | 0 22 | 19 33 | 2 29 | 22 27 | 22 26 | 24 18 | 14 42 | 1 43 |
| T 17 | 9 6 | 0s 9 | 4 31 | 14 12 | 0 32 | 23 19 | 2 2 | 21 2 | 1 0 | 1 6 | 1 4 | 10 31 | 1 18 | 15 48 | 0 43 | 11 42 | 0 22 | 19 33 | 2 29 | 22 28 | 22 26 | 24 19 | 14 41 | 1 43 |
| F 18 | 9 27 | 6 9 | 4 55 | 14 49 | 0 39 | 23 34 | 2 5 | 20 57 | 1 1 | 1 11 | 1 4 | 10 29 | 1 18 | 15 48 | 0 43 | 11 42 | 0 22 | 19 33 | 2 29 | 22 29 | 22 27 | 24 20 | 14 40 | 1 43 |
| S 19 | 9 49 | 11 59 | 5 0 | 15 25 | 0 46 | 23 48 | 2 9 | 20 51 | 1 3 | 1 16 | 1 4 | 10 27 | 1 18 | 15 48 | 0 43 | 11 41 | 0 22 | 19 33 | 2 29 | 22 30 | 22 27 | 24 20 | 14 39 | 1 43 |
| S 20 | 10 10 | 17 13 | 4 45 | 16 1 | 0 53 | 24 2 | 2 12 | 20 46 | 1 4 | 1 21 | 1 4 | 10 25 | 1 18 | 15 48 | 0 43 | 11 41 | 0 22 | 19 33 | 2 29 | 22 31 | 22 27 | 24 21 | 14 39 | 1 44 |
| M21 | 10 32 | 21 24 | 4 11 | 16 35 | 1 0 | 24 15 | 2 15 | 20 41 | 1 6 | 1 25 | 1 4 | 10 23 | 1 18 | 15 48 | 0 43 | 11 40 | 0 22 | 19 33 | 2 29 | 22 33 | 22 28 | 24 21 | 14 38 | 1 44 |
| T 22 | 10 53 | 24 7 | 3 19 | 17 9 | 1 6 | 24 28 | 2 18 | 20 35 | 1 7 | 1 30 | 1 4 | 10 21 | 1 18 | 15 48 | 0 43 | 11 40 | 0 22 | 19 33 | 2 29 | 22 33 | 22 28 | 24 22 | 14 37 | 1 44 |
| W23 | 11 14 | 25 7 | 2 14 | 17 41 | 1 13 | 24 40 | 2 21 | 20 30 | 1 9 | 1 35 | 1 4 | 10 19 | 1 19 | 15 48 | 0 43 | 11 40 | 0 22 | 19 33 | 2 29 | 22 34 | 22 29 | 24 23 | 14 36 | 1 44 |
| T 24 | 11 35 | 24 22 | 1 2 | 18 13 | 1 20 | 24 51 | 2 24 | 20 25 | 1 10 | 1 40 | 1 4 | 10 18 | 1 19 | 15 48 | 0 43 | 11 39 | 0 22 | 19 33 | 2 29 | 22 34 | 22 29 | 24 23 | 14 35 | 1 44 |
| F 25 | 11 56 | 22 4 | 0n13 | 18 44 | 1 26 | 25 1 | 2 27 | 20 20 | 1 12 | 1 45 | 1 4 | 10 16 | 1 19 | 15 48 | 0 43 | 11 39 | 0 22 | 19 33 | 2 29 | 22 34 | 22 29 | 24 24 | 14 34 | 1 44 |
| S 26 | 12 16 | 18 30 | 1 25 | 19 14 | 1 33 | 25 11 | 2 29 | 20 14 | 1 14 | 1 49 | 1 5 | 10 14 | 1 19 | 15 48 | 0 43 | 11 38 | 0 22 | 19 33 | 2 29 | 22 34 | 22 30 | 24 24 | 14 33 | 1 44 |
| S 27 | 12 37 | 14 3 | 2 31 | 19 43 | 1 39 | 25 21 | 2 32 | 20 9 | 1 15 | 1 54 | 1 5 | 10 12 | 1 19 | 15 48 | 0 43 | 11 38 | 0 22 | 19 33 | 2 29 | 22 34 | 22 30 | 24 25 | 14 32 | 1 44 |
| M28 | 12 57 | 9 1 | 3 27 | 20 11 | 1 45 | 25 29 | 2 35 | 20 4 | 1 17 | 1 59 | 1 5 | 10 10 | 1 20 | 15 48 | 0 43 | 11 37 | 0 22 | 19 33 | 2 29 | 22 34 | 22 30 | 24 25 | 14 31 | 1 45 |
| T 29 | 13 17 | 3 43 | 4 11 | 20 38 | 1 51 | 25 38 | 2 37 | 19 58 | 1 18 | 2 4 | 1 5 | 10 8 | 1 20 | 15 48 | 0 43 | 11 37 | 0 22 | 19 33 | 2 29 | 22 35 | 22 31 | 24 26 | 14 30 | 1 45 |
| W30 | 13 36 | 1n38 | 4 42 | 21 4 | 1 57 | 25 45 | 2 40 | 19 53 | 1 20 | 2 8 | 1 5 | 10 7 | 1 20 | 15 48 | 0 43 | 11 37 | 0 22 | 19 33 | 2 29 | 22 36 | 22 31 | 24 26 | 14 29 | 1 45 |
| T 31 | 13s56 | 6n51 | 4n59 | 21s29 | 2s 2 | 25s52 | 2s42 | 19n48 | 1n22 | 2s13 | 1n 5 | 10n 5 | 1n20 | 15s48 | 0s43 | 11n36 | 0n22 | 19n33 | 2s29 | 22s37 | 22s31 | 24n27 | 14n28 | 1s45 |

Julian Day Number = 2604854.5, Delta T = 09m36s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'31, Lahiri = 29°43'33


created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## NOVEMBER 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 40 32 | 8♏20'38 | 18♈ 3 | 28♏37 | 23♐24 | 7♌28 | 8♎19 | 7♍18 | 18♒54 | 0♍33 | 19°R12 | 14°R 9 | 15♉ 8 | 5♊58 | 14°R24 | F 1 |
| S 2 | 2 44 29 | 9°20'24 | 0♉14 | 29°59 | 24°31 | 7°55 | 8°31 | 7°23 | 18°55 | 0°34 | 19♋12 | 13♉57 | 15° 5 | 6° 4 | 14♉21 | S 2 |
| S 3 | 2 48 25 | 10°20'12 | 12°17 | 1♐19 | 25°38 | 8°21 | 8°43 | 7°27 | 18°55 | 0°35 | 19°12 | 13°44 | 15° 1 | 6°11 | 14°18 | S 3 |
| M 4 | 2 52 22 | 11°20'03 | 24°14 | 2°38 | 26°45 | 8°47 | 8°55 | 7°32 | 18°55 | 0°36 | 19°11 | 13°34 | 14°58 | 6°18 | 14°15 | M 4 |
| T 5 | 2 56 18 | 12°19'55 | 6♊ 5 | 3°57 | 27°52 | 9°13 | 9° 7 | 7°37 | 18°55 | 0°37 | 19°11 | 13°25 | 14°55 | 6°24 | 14°12 | T 5 |
| W 6 | 3 0 15 | 13°19'49 | 17°53 | 5°14 | 28°59 | 9°39 | 9°19 | 7°41 | 18°56 | 0°38 | 19°10 | 13°19 | 14°52 | 6°31 | 14° 9 | W 6 |
| T 7 | 3 4 11 | 14°19'45 | 29°41 | 6°29 | 0♉ 6 | 10° 4 | 9°31 | 7°46 | 18°56 | 0°38 | 19°10 | 13°16 | 14°49 | 6°38 | 14° 6 | T 7 |
| F 8 | 3 8 8 | 15°19'44 | 11♋32 | 7°43 | 1°12 | 10°29 | 9°42 | 7°50 | 18°57 | 0°39 | 19°10 | 13°D15 | 14°45 | 6°44 | 14° 3 | F 8 |
| S 9 | 3 12 5 | 16°19'44 | 23°30 | 8°56 | 2°19 | 10°53 | 9°54 | 7°55 | 18°57 | 0°40 | 19° 9 | 13°15 | 14°42 | 6°51 | 14° 0 | S 9 |
| S 10 | 3 16 1 | 17°19'47 | 5♌40 | 10° 7 | 3°25 | 11°17 | 10° 5 | 7°59 | 18°58 | 0°41 | 19° 9 | 13°16 | 14°39 | 6°58 | 13°57 | S 10 |
| M11 | 3 19 58 | 18°19'51 | 18° 7 | 11°15 | 4°31 | 11°41 | 10°17 | 8° 3 | 18°58 | 0°42 | 19° 8 | 13°R17 | 14°36 | 7° 4 | 13°54 | M11 |
| T 12 | 3 23 54 | 19°19'58 | 0♍56 | 12°21 | 5°36 | 12° 4 | 10°28 | 8° 7 | 18°59 | 0°42 | 19° 8 | 13°16 | 14°33 | 7°11 | 13°51 | T 12 |
| W13 | 3 27 51 | 20°20'07 | 14°12 | 13°25 | 6°42 | 12°27 | 10°40 | 8°11 | 19° 0 | 0°43 | 19° 7 | 13°13 | 14°30 | 7°18 | 13°48 | W13 |
| T 14 | 3 31 47 | 21°20'17 | 27°57 | 14°26 | 7°47 | 12°50 | 10°51 | 8°15 | 19° 1 | 0°44 | 19° 7 | 13° 8 | 14°26 | 7°24 | 13°45 | T 14 |
| F 15 | 3 35 44 | 22°20'30 | 12♎12 | 15°24 | 8°52 | 13°12 | 11° 2 | 8°19 | 19° 2 | 0°44 | 19° 6 | 13° 2 | 14°23 | 7°31 | 13°42 | F 15 |
| S 16 | 3 39 40 | 23°20'45 | 26°54 | 16°18 | 9°57 | 13°34 | 11°13 | 8°23 | 19° 2 | 0°45 | 19° 5 | 12°54 | 14°20 | 7°38 | 13°39 | S 16 |
| S 17 | 3 43 37 | 24°21'02 | 11♏56 | 17° 9 | 11° 2 | 13°56 | 11°25 | 8°26 | 19° 3 | 0°46 | 19° 5 | 12°46 | 14°17 | 7°44 | 13°36 | S 17 |
| M18 | 3 47 34 | 25°21'20 | 27°10 | 17°55 | 12° 6 | 14°17 | 11°36 | 8°30 | 19° 4 | 0°46 | 19° 4 | 12°39 | 14°14 | 7°51 | 13°33 | M18 |
| T 19 | 3 51 30 | 26°21'40 | 12♐25 | 18°35 | 13°10 | 14°37 | 11°46 | 8°33 | 19° 5 | 0°47 | 19° 3 | 12°34 | 14°10 | 7°58 | 13°30 | T 19 |
| W20 | 3 55 27 | 27°22'02 | 27°31 | 19°11 | 14°14 | 14°57 | 11°57 | 8°36 | 19° 6 | 0°47 | 19° 3 | 12°31 | 14° 7 | 8° 4 | 13°27 | W20 |
| T 21 | 3 59 23 | 28°22'26 | 12♑19 | 19°39 | 15°18 | 15°17 | 12° 8 | 8°40 | 19° 8 | 0°48 | 19° 2 | 12°D30 | 14° 4 | 8°11 | 13°24 | T 21 |
| F 22 | 4 3 20 | 29°22'51 | 26°43 | 20° 1 | 16°21 | 15°36 | 12°19 | 8°43 | 19° 9 | 0°48 | 19° 1 | 12°31 | 14° 1 | 8°18 | 13°21 | F 22 |
| S 23 | 4 7 16 | 0♐23'17 | 10♒42 | 20°16 | 17°24 | 15°55 | 12°29 | 8°46 | 19°10 | 0°48 | 19° 1 | 12°32 | 13°58 | 8°24 | 13°18 | S 23 |
| S 24 | 4 11 13 | 1°23'44 | 24°15 | 20°R22 | 18°27 | 16°13 | 12°40 | 8°49 | 19°11 | 0°49 | 19° 0 | 12°33 | 13°55 | 8°31 | 13°15 | S 24 |
| M25 | 4 15 9 | 2°24'12 | 7♓25 | 20°18 | 19°29 | 16°31 | 12°50 | 8°52 | 19°13 | 0°49 | 18°59 | 12°R33 | 13°51 | 8°38 | 13°12 | M25 |
| T 26 | 4 19 6 | 3°24'42 | 20°15 | 20° 5 | 20°32 | 16°48 | 13° 1 | 8°54 | 19°14 | 0°49 | 18°58 | 12°32 | 13°48 | 8°44 | 13°10 | T 26 |
| W27 | 4 23 3 | 4°25'13 | 2♈47 | 19°42 | 21°33 | 17° 5 | 13°11 | 8°57 | 19°15 | 0°50 | 18°57 | 12°28 | 13°45 | 8°51 | 13° 7 | W27 |
| T 28 | 4 26 59 | 5°25'45 | 15° 6 | 19° 8 | 22°35 | 17°21 | 13°21 | 8°59 | 19°17 | 0°50 | 18°57 | 12°23 | 13°42 | 8°58 | 13° 4 | T 28 |
| F 29 | 4 30 56 | 6°26'19 | 27°15 | 18°23 | 23°36 | 17°37 | 13°31 | 9° 2 | 19°18 | 0°50 | 18°56 | 12°17 | 13°39 | 9° 4 | 13° 1 | F 29 |
| S 30 | 4 34 52 | 7♐26'53 | 9♑15 | 17♐29 | 24♑37 | 17♌52 | 13♎41 | 9♍ 4 | 19♒20 | 0♍50 | 18♋55 | 12♑11 | 13♑36 | 9♊11 | 12♑59 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s15 | 11n43 | 5n 2 | 21s53 | 2s 7 | 25s58 | 2s45 | 19n42 | 1n23 | 2s18 | 1n 5 | 10n 3 | 1n20 | 15s48 | 0s43 | 11n36 | 0n22 | 19n33 | 2s29 | 22s38 | 22s32 | 24n27 | 14n27 | 1s45 |
| S 2 | 14 34 | 16 4 | 4 50 | 22 15 | 2 13 | 26 3 | 2 47 | 19 37 | 1 25 | 2 22 | 1 5 | 10 2 | 1 21 | 15 48 | 0 43 | 11 36 | 0 22 | 19 33 | 2 29 | 22 39 | 22 32 | 24 28 | 14 26 | 1 45 |
| S 3 | 14 53 | 19 43 | 4 26 | 22 37 | 2 17 | 26 8 | 2 49 | 19 32 | 1 27 | 2 27 | 1 5 | 10 0 | 1 21 | 15 48 | 0 43 | 11 35 | 0 22 | 19 33 | 2 29 | 22 41 | 22 32 | 24 28 | 14 25 | 1 45 |
| M 4 | 15 12 | 22 31 | 3 51 | 22 58 | 2 22 | 26 12 | 2 51 | 19 27 | 1 28 | 2 32 | 1 5 | 9 59 | 1 21 | 15 48 | 0 43 | 11 35 | 0 22 | 19 33 | 2 29 | 22 42 | 22 33 | 24 29 | 14 24 | 1 45 |
| T 5 | 15 30 | 24 19 | 3 5 | 23 17 | 2 26 | 26 15 | 2 53 | 19 21 | 1 30 | 2 36 | 1 6 | 9 57 | 1 21 | 15 48 | 0 43 | 11 35 | 0 22 | 19 33 | 2 29 | 22 43 | 22 33 | 24 29 | 14 23 | 1 45 |
| W 6 | 15 48 | 25 1 | 2 11 | 23 35 | 2 30 | 26 18 | 2 55 | 19 16 | 1 32 | 2 41 | 1 6 | 9 55 | 1 21 | 15 48 | 0 43 | 11 34 | 0 22 | 19 33 | 2 29 | 22 43 | 22 34 | 24 30 | 14 22 | 1 45 |
| T 7 | 16 6 | 24 35 | 1 12 | 23 52 | 2 34 | 26 20 | 2 57 | 19 11 | 1 34 | 2 45 | 1 6 | 9 54 | 1 22 | 15 47 | 0 43 | 11 34 | 0 22 | 19 33 | 2 29 | 22 44 | 22 34 | 24 30 | 14 21 | 1 46 |
| F 8 | 16 24 | 23 2 | 0 9 | 24 8 | 2 37 | 26 21 | 2 58 | 19 6 | 1 35 | 2 50 | 1 6 | 9 52 | 1 22 | 15 47 | 0 43 | 11 34 | 0 22 | 19 33 | 2 29 | 22 44 | 22 34 | 24 31 | 14 20 | 1 46 |
| S 9 | 16 41 | 20 27 | 0s55 | 24 22 | 2 40 | 26 22 | 3 0 | 19 1 | 1 37 | 2 54 | 1 6 | 9 51 | 1 22 | 15 47 | 0 43 | 11 33 | 0 22 | 19 33 | 2 29 | 22 44 | 22 35 | 24 31 | 14 19 | 1 46 |
| S 10 | 16 58 | 16 55 | 1 57 | 24 35 | 2 42 | 26 22 | 3 1 | 18 56 | 1 39 | 2 58 | 1 6 | 9 50 | 1 22 | 15 47 | 0 43 | 11 33 | 0 22 | 19 33 | 2 29 | 22 44 | 22 35 | 24 32 | 14 18 | 1 46 |
| M11 | 17 15 | 12 34 | 2 56 | 24 47 | 2 44 | 26 21 | 3 3 | 18 52 | 1 41 | 3 3 | 1 6 | 9 48 | 1 22 | 15 47 | 0 43 | 11 33 | 0 22 | 19 34 | 2 29 | 22 43 | 22 35 | 24 32 | 14 17 | 1 46 |
| T 12 | 17 31 | 7 34 | 3 48 | 24 58 | 2 46 | 26 20 | 3 4 | 18 47 | 1 43 | 3 7 | 1 6 | 9 47 | 1 23 | 15 46 | 0 43 | 11 33 | 0 22 | 19 34 | 2 29 | 22 44 | 22 36 | 24 33 | 14 16 | 1 46 |
| W13 | 17 47 | 2 4 | 4 29 | 25 7 | 2 46 | 26 18 | 3 5 | 18 42 | 1 45 | 3 11 | 1 7 | 9 46 | 1 23 | 15 46 | 0 43 | 11 32 | 0 22 | 19 34 | 2 29 | 22 44 | 22 36 | 24 33 | 14 15 | 1 46 |
| T 14 | 18 3 | 3s44 | 4 57 | 25 14 | 2 47 | 26 15 | 3 6 | 18 37 | 1 47 | 3 16 | 1 7 | 9 44 | 1 23 | 15 46 | 0 42 | 11 32 | 0 22 | 19 34 | 2 29 | 22 44 | 22 36 | 24 33 | 14 14 | 1 46 |
| F 15 | 18 19 | 9 31 | 5 7 | 25 20 | 2 46 | 26 12 | 3 7 | 18 33 | 1 48 | 3 20 | 1 7 | 9 43 | 1 23 | 15 45 | 0 42 | 11 32 | 0 22 | 19 34 | 2 29 | 22 45 | 22 37 | 24 34 | 14 13 | 1 46 |
| S 16 | 18 34 | 14 59 | 4 58 | 25 25 | 2 45 | 26 8 | 3 8 | 18 29 | 1 50 | 3 24 | 1 7 | 9 42 | 1 23 | 15 45 | 0 42 | 11 32 | 0 22 | 19 34 | 2 29 | 22 46 | 22 37 | 24 34 | 14 12 | 1 46 |
| S 17 | 18 49 | 19 39 | 4 29 | 25 28 | 2 43 | 26 3 | 3 8 | 18 24 | 1 52 | 3 28 | 1 7 | 9 41 | 1 24 | 15 45 | 0 42 | 11 32 | 0 22 | 19 34 | 2 29 | 22 46 | 22 37 | 24 35 | 14 11 | 1 46 |
| M18 | 19 4 | 23 3 | 3 40 | 25 29 | 2 40 | 25 58 | 3 9 | 18 20 | 1 54 | 3 33 | 1 7 | 9 40 | 1 24 | 15 45 | 0 42 | 11 31 | 0 22 | 19 34 | 2 29 | 22 47 | 22 38 | 24 35 | 14 11 | 1 46 |
| T 19 | 19 18 | 24 48 | 2 35 | 25 29 | 2 36 | 25 52 | 3 9 | 18 16 | 1 56 | 3 37 | 1 7 | 9 39 | 1 24 | 15 44 | 0 42 | 11 31 | 0 22 | 19 34 | 2 29 | 22 48 | 22 38 | 24 36 | 14 10 | 1 46 |
| W20 | 19 32 | 24 42 | 1 20 | 25 27 | 2 31 | 25 46 | 3 9 | 18 12 | 1 58 | 3 41 | 1 7 | 9 38 | 1 24 | 15 44 | 0 42 | 11 31 | 0 22 | 19 34 | 2 29 | 22 48 | 22 38 | 24 36 | 14 9 | 1 47 |
| T 21 | 19 45 | 22 50 | 0 1 | 25 24 | 2 25 | 25 39 | 3 9 | 18 8 | 2 0 | 3 45 | 1 8 | 9 37 | 1 25 | 15 43 | 0 42 | 11 31 | 0 22 | 19 34 | 2 29 | 22 48 | 22 39 | 24 36 | 14 8 | 1 47 |
| F 22 | 19 58 | 19 31 | 1n16 | 25 18 | 2 18 | 25 31 | 3 9 | 18 4 | 2 2 | 3 49 | 1 8 | 9 36 | 1 25 | 15 43 | 0 42 | 11 31 | 0 22 | 19 35 | 2 29 | 22 48 | 22 39 | 24 37 | 14 7 | 1 47 |
| S 23 | 20 11 | 15 9 | 2 27 | 25 10 | 2 9 | 25 23 | 3 9 | 18 1 | 2 5 | 3 53 | 1 8 | 9 35 | 1 25 | 15 43 | 0 42 | 11 31 | 0 22 | 19 35 | 2 29 | 22 48 | 22 39 | 24 37 | 14 6 | 1 47 |
| S 24 | 20 24 | 10 9 | 3 27 | 25 1 | 1 59 | 25 14 | 3 9 | 17 57 | 2 7 | 3 57 | 1 8 | 9 34 | 1 25 | 15 42 | 0 42 | 11 31 | 0 23 | 19 35 | 2 29 | 22 48 | 22 40 | 24 37 | 14 5 | 1 47 |
| M25 | 20 36 | 4 49 | 4 15 | 24 49 | 1 48 | 25 4 | 3 8 | 17 54 | 2 9 | 4 1 | 1 8 | 9 33 | 1 25 | 15 42 | 0 42 | 11 31 | 0 23 | 19 35 | 2 29 | 22 48 | 22 40 | 24 38 | 14 4 | 1 47 |
| T 26 | 20 47 | 0n33 | 4 48 | 24 35 | 1 35 | 24 54 | 3 7 | 17 51 | 2 11 | 4 5 | 1 8 | 9 32 | 1 26 | 15 41 | 0 42 | 11 31 | 0 23 | 19 35 | 2 29 | 22 48 | 22 40 | 24 38 | 14 3 | 1 47 |
| W27 | 20 59 | 5 48 | 5 6 | 24 19 | 1 20 | 24 44 | 3 6 | 17 48 | 2 13 | 4 8 | 1 9 | 9 31 | 1 26 | 15 41 | 0 42 | 11 30 | 0 23 | 19 35 | 2 29 | 22 48 | 22 41 | 24 38 | 14 2 | 1 47 |
| T 28 | 21 10 | 10 42 | 5 10 | 24 0 | 1 4 | 24 33 | 3 5 | 17 45 | 2 15 | 4 12 | 1 9 | 9 31 | 1 26 | 15 40 | 0 42 | 11 30 | 0 23 | 19 35 | 2 29 | 22 49 | 22 41 | 24 39 | 14 1 | 1 47 |
| F 29 | 21 20 | 15 8 | 5 0 | 23 39 | 0 47 | 24 21 | 3 4 | 17 42 | 2 17 | 4 16 | 1 9 | 9 30 | 1 26 | 15 40 | 0 42 | 11 30 | 0 23 | 19 35 | 2 29 | 22 49 | 22 41 | 24 39 | 14 1 | 1 47 |
| S 30 | 21s30 | 18n55 | 4n37 | 23s16 | 0s28 | 24s 9 | 3s 3 | 17n39 | 2n20 | 4s20 | 1n 9 | 9n29 | 1n27 | 15s39 | 0s42 | 11n30 | 0n23 | 19n36 | 2s29 | 22s50 | 22s42 | 24n39 | 14n 0 | 1s47 |

Julian Day Number = 2604885.5, Delta T = 09m36s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'36, Lahiri = 29°43'37


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# ASTRODIENST EPHEMERIS for the year 2419
# geocentric

## DECEMBER 2419 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 38 49 | 8♐27'30 | 21♉10 | 16°R25 | 25♋37 | 18♌ 7 | 13♎51 | 9♍ 6 | 19♒22 | 0♍50 | 18°R54 | 12°R 4 | 13♋32 | 9♊18 | 12°R56 | S 1 |
| M 2 | 4 42 45 | 9°28'07 | 3♊ 1 | 15♐13 | 26°37 | 18°21 | 14° 1 | 9° 9 | 19°23 | 0°50 | 18♋53 | 11♋58 | 13°29 | 9°24 | 12♉53 | M 2 |
| T 3 | 4 46 42 | 10°28'46 | 14°51 | 13°55 | 27°36 | 18°35 | 14°11 | 9°11 | 19°25 | 0°R50 | 18°52 | 11°54 | 13°26 | 9°31 | 12°51 | T 3 |
| W 4 | 4 50 38 | 11°29'26 | 26°40 | 12°34 | 28°35 | 18°48 | 14°20 | 9°12 | 19°27 | 0°50 | 18°51 | 11°51 | 13°23 | 9°38 | 12°48 | W 4 |
| T 5 | 4 54 35 | 12°30'08 | 8♋31 | 11°11 | 29°34 | 19° 0 | 14°30 | 9°14 | 19°29 | 0°50 | 18°50 | 11°D50 | 13°20 | 9°44 | 12°46 | T 5 |
| F 6 | 4 58 32 | 13°30'50 | 20°27 | 9°51 | 0♒32 | 19°12 | 14°39 | 9°16 | 19°30 | 0°50 | 18°49 | 11°50 | 13°16 | 9°51 | 12°43 | F 6 |
| S 7 | 5 2 28 | 14°31'35 | 2♌30 | 8°35 | 1°30 | 19°23 | 14°48 | 9°17 | 19°32 | 0°50 | 18°48 | 11°51 | 13°13 | 9°58 | 12°41 | S 7 |
| S 8 | 5 6 25 | 15°32'20 | 14°44 | 7°25 | 2°27 | 19°34 | 14°57 | 9°19 | 19°34 | 0°50 | 18°47 | 11°53 | 13°10 | 10° 5 | 12°38 | S 8 |
| M 9 | 5 10 21 | 16°33'08 | 27°12 | 6°25 | 3°23 | 19°44 | 15° 6 | 9°20 | 19°36 | 0°50 | 18°46 | 11°55 | 13° 7 | 10°11 | 12°36 | M 9 |
| T 10 | 5 14 18 | 17°33'56 | 9♍59 | 5°35 | 4°19 | 19°53 | 15°15 | 9°22 | 19°38 | 0°50 | 18°45 | 11°56 | 13° 4 | 10°18 | 12°33 | T 10 |
| W11 | 5 18 14 | 18°34'46 | 23° 9 | 4°56 | 5°15 | 20° 1 | 15°24 | 9°23 | 19°40 | 0°49 | 18°44 | 11°R56 | 13° 1 | 10°25 | 12°31 | W11 |
| T 12 | 5 22 11 | 19°35'37 | 6♎44 | 4°29 | 6°10 | 20° 9 | 15°33 | 9°24 | 19°42 | 0°49 | 18°43 | 11°55 | 12°57 | 10°31 | 12°29 | T 12 |
| F 13 | 5 26 7 | 20°36'30 | 20°45 | 4°13 | 7° 4 | 20°17 | 15°41 | 9°25 | 19°44 | 0°49 | 18°42 | 11°53 | 12°54 | 10°38 | 12°27 | F 13 |
| S 14 | 5 30 4 | 21°37'24 | 5♏13 | 4°D 8 | 7°58 | 20°23 | 15°50 | 9°25 | 19°47 | 0°48 | 18°41 | 11°51 | 12°51 | 10°45 | 12°24 | S 14 |
| S 15 | 5 34 1 | 22°38'19 | 20° 3 | 4°13 | 8°51 | 20°29 | 15°58 | 9°26 | 19°49 | 0°48 | 18°40 | 11°48 | 12°48 | 10°51 | 12°22 | S 15 |
| M16 | 5 37 57 | 23°39'16 | 5♐ 9 | 4°28 | 9°43 | 20°34 | 16° 7 | 9°27 | 19°51 | 0°48 | 18°39 | 11°46 | 12°45 | 10°58 | 12°20 | M16 |
| T 17 | 5 41 54 | 24°40'13 | 20°22 | 4°52 | 10°35 | 20°38 | 16°15 | 9°27 | 19°53 | 0°47 | 18°38 | 11°44 | 12°42 | 11° 5 | 12°18 | T 17 |
| W18 | 5 45 50 | 25°41'12 | 5♋33 | 5°24 | 11°25 | 20°42 | 16°23 | 9°27 | 19°56 | 0°47 | 18°37 | 11°D43 | 12°38 | 11°11 | 12°16 | W18 |
| T 19 | 5 49 47 | 26°42'11 | 20°30 | 6° 3 | 12°16 | 20°45 | 16°30 | 9°28 | 19°58 | 0°46 | 18°36 | 11°43 | 12°35 | 11°18 | 12°14 | T 19 |
| F 20 | 5 53 43 | 27°43'11 | 5♒ 8 | 6°48 | 13° 5 | 20°47 | 16°38 | 9°28 | 20° 1 | 0°46 | 18°34 | 11°44 | 12°32 | 11°25 | 12°12 | F 20 |
| S 21 | 5 57 40 | 28°44'12 | 19°20 | 7°38 | 13°53 | 20°48 | 16°46 | 9°R28 | 20° 3 | 0°45 | 18°33 | 11°45 | 12°29 | 11°31 | 12°10 | S 21 |
| S 22 | 6 1 37 | 29°45'13 | 3♓ 6 | 8°34 | 14°41 | 20°R49 | 16°53 | 9°28 | 20° 6 | 0°44 | 18°32 | 11°46 | 12°26 | 11°38 | 12° 9 | S 22 |
| M23 | 6 5 33 | 0♋46'14 | 16°24 | 9°34 | 15°27 | 20°48 | 17° 0 | 9°27 | 20° 8 | 0°44 | 18°31 | 11°47 | 12°22 | 11°45 | 12° 7 | M23 |
| T 24 | 6 9 30 | 1°47'16 | 29°18 | 10°38 | 16°13 | 20°47 | 17° 8 | 9°27 | 20°11 | 0°43 | 18°30 | 11°R47 | 12°19 | 11°51 | 12° 5 | T 24 |
| W25 | 6 13 26 | 2°48'18 | 11♈51 | 11°45 | 16°58 | 20°45 | 17°15 | 9°27 | 20°13 | 0°42 | 18°29 | 11°47 | 12°16 | 11°58 | 12° 4 | W25 |
| T 26 | 6 17 23 | 3°49'21 | 24° 7 | 12°55 | 17°41 | 20°43 | 17°22 | 9°26 | 20°16 | 0°42 | 18°27 | 11°47 | 12°13 | 12° 5 | 12° 2 | T 26 |
| F 27 | 6 21 19 | 4°50'24 | 6♉11 | 14° 7 | 18°24 | 20°39 | 17°28 | 9°25 | 20°19 | 0°41 | 18°26 | 11°46 | 12°10 | 12°11 | 12° 0 | F 27 |
| S 28 | 6 25 16 | 5°51'27 | 18° 6 | 15°22 | 19° 5 | 20°35 | 17°35 | 9°25 | 20°21 | 0°40 | 18°25 | 11°45 | 12° 7 | 12°18 | 11°59 | S 28 |
| S 29 | 6 29 12 | 6°52'31 | 29°56 | 16°38 | 19°46 | 20°30 | 17°41 | 9°24 | 20°24 | 0°39 | 18°24 | 11°44 | 12° 3 | 12°25 | 11°57 | S 29 |
| M30 | 6 33 9 | 7°53'35 | 11♊44 | 17°57 | 20°25 | 20°24 | 17°48 | 9°23 | 20°27 | 0°38 | 18°22 | 11°43 | 12° 0 | 12°31 | 11°56 | M30 |
| T 31 | 6 37 6 | 8♋54'39 | 23♊34 | 19♐16 | 21♒ 2 | 20♌17 | 17♎54 | 9♍22 | 20♒30 | 0♍38 | 18♋21 | 11♋43 | 11♋57 | 12♊38 | 11♉55 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s40 | 21n54 | 4n 2 | 22s50 | 0s 8 | 23s56 | 3s 1 | 17n37 | 2n22 | 4s23 | 1n 9 | 9n29 | 1n27 | 15s39 | 0s42 | 11n30 | 0n23 | 19n36 | 2s29 | 22s50 | 22s42 | 24n40 | 13n59 | 1s47 |
| M 2 | 21 49 | 23 56 | 3 16 | 22 22 | 0n12 | 23 43 | 2 59 | 17 35 | 2 24 | 4 27 | 1 9 | 9 28 | 1 27 | 15 38 | 0 42 | 11 30 | 0 23 | 19 36 | 2 29 | 22 51 | 22 42 | 24 40 | 13 58 | 1 47 |
| T 3 | 21 58 | 24 53 | 2 22 | 21 53 | 0 32 | 23 30 | 2 58 | 17 33 | 2 27 | 4 31 | 1 10 | 9 28 | 1 27 | 15 38 | 0 42 | 11 30 | 0 23 | 19 36 | 2 29 | 22 51 | 22 43 | 24 40 | 13 57 | 1 47 |
| W 4 | 22 7 | 24 43 | 1 22 | 21 23 | 0 53 | 23 16 | 2 55 | 17 31 | 2 29 | 4 34 | 1 10 | 9 27 | 1 28 | 15 37 | 0 42 | 11 30 | 0 23 | 19 36 | 2 29 | 22 51 | 22 43 | 24 41 | 13 56 | 1 47 |
| T 5 | 22 15 | 23 25 | 0 18 | 20 53 | 1 12 | 23 1 | 2 53 | 17 29 | 2 31 | 4 38 | 1 10 | 9 27 | 1 28 | 15 36 | 0 42 | 11 30 | 0 23 | 19 36 | 2 29 | 22 52 | 22 43 | 24 41 | 13 56 | 1 47 |
| F 6 | 22 22 | 21 3 | 0s47 | 20 23 | 1 30 | 22 46 | 2 51 | 17 28 | 2 34 | 4 41 | 1 10 | 9 26 | 1 28 | 15 36 | 0 42 | 11 30 | 0 23 | 19 36 | 2 29 | 22 52 | 22 43 | 24 41 | 13 55 | 1 47 |
| S 7 | 22 29 | 17 45 | 1 51 | 19 56 | 1 47 | 22 31 | 2 48 | 17 26 | 2 36 | 4 44 | 1 10 | 9 26 | 1 28 | 15 35 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 44 | 24 41 | 13 54 | 1 47 |
| S 8 | 22 36 | 13 39 | 2 51 | 19 30 | 2 1 | 22 15 | 2 45 | 17 25 | 2 38 | 4 48 | 1 10 | 9 26 | 1 29 | 15 35 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 44 | 24 42 | 13 53 | 1 47 |
| M 9 | 22 42 | 8 54 | 3 44 | 19 8 | 2 14 | 21 59 | 2 42 | 17 25 | 2 41 | 4 51 | 1 11 | 9 25 | 1 29 | 15 34 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 44 | 24 42 | 13 53 | 1 47 |
| T 10 | 22 48 | 3 40 | 4 28 | 18 49 | 2 24 | 21 42 | 2 39 | 17 24 | 2 43 | 4 54 | 1 11 | 9 25 | 1 29 | 15 33 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 45 | 24 42 | 13 52 | 1 47 |
| W11 | 22 54 | 1s52 | 4 59 | 18 35 | 2 32 | 21 25 | 2 35 | 17 24 | 2 46 | 4 58 | 1 11 | 9 25 | 1 29 | 15 33 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 45 | 24 42 | 13 51 | 1 47 |
| T 12 | 22 59 | 7 28 | 5 14 | 18 24 | 2 38 | 21 8 | 2 31 | 17 23 | 2 48 | 5 1 | 1 11 | 9 25 | 1 29 | 15 32 | 0 42 | 11 31 | 0 23 | 19 37 | 2 29 | 22 51 | 22 45 | 24 43 | 13 50 | 1 47 |
| F 13 | 23 3 | 12 54 | 5 12 | 18 17 | 2 42 | 20 50 | 2 27 | 17 23 | 2 51 | 5 4 | 1 11 | 9 25 | 1 30 | 15 31 | 0 42 | 11 31 | 0 23 | 19 38 | 2 29 | 22 51 | 22 46 | 24 43 | 13 50 | 1 47 |
| S 14 | 23 7 | 17 47 | 4 50 | 18 14 | 2 44 | 20 33 | 2 23 | 17 24 | 2 53 | 5 7 | 1 12 | 9 25 | 1 30 | 15 31 | 0 42 | 11 31 | 0 23 | 19 38 | 2 29 | 22 52 | 22 46 | 24 43 | 13 49 | 1 47 |
| S 15 | 23 11 | 21 42 | 4 8 | 18 15 | 2 44 | 20 14 | 2 19 | 17 24 | 2 56 | 5 10 | 1 12 | 9 24 | 1 30 | 15 30 | 0 42 | 11 31 | 0 23 | 19 38 | 2 29 | 22 52 | 22 46 | 24 43 | 13 48 | 1 48 |
| M16 | 23 14 | 24 12 | 3 9 | 18 19 | 2 43 | 19 56 | 2 14 | 17 25 | 2 58 | 5 13 | 1 12 | 9 24 | 1 30 | 15 29 | 0 42 | 11 32 | 0 23 | 19 38 | 2 29 | 22 52 | 22 47 | 24 44 | 13 48 | 1 48 |
| T 17 | 23 17 | 24 57 | 1 55 | 18 25 | 2 41 | 19 37 | 2 9 | 17 26 | 3 1 | 5 16 | 1 12 | 9 25 | 1 31 | 15 28 | 0 41 | 11 32 | 0 23 | 19 38 | 2 29 | 22 52 | 22 47 | 24 44 | 13 47 | 1 48 |
| W18 | 23 19 | 23 50 | 0 34 | 18 34 | 2 38 | 19 18 | 2 4 | 17 27 | 3 3 | 5 19 | 1 12 | 9 25 | 1 31 | 15 28 | 0 41 | 11 32 | 0 23 | 19 38 | 2 29 | 22 52 | 22 47 | 24 44 | 13 47 | 1 48 |
| T 19 | 23 21 | 21 1 | 0n49 | 18 45 | 2 33 | 18 59 | 1 59 | 17 29 | 3 6 | 5 21 | 1 13 | 9 25 | 1 31 | 15 27 | 0 41 | 11 32 | 0 23 | 19 39 | 2 29 | 22 52 | 22 47 | 24 44 | 13 46 | 1 48 |
| F 20 | 23 22 | 16 54 | 2 6 | 18 58 | 2 28 | 18 40 | 1 53 | 17 31 | 3 8 | 5 24 | 1 13 | 9 25 | 1 31 | 15 26 | 0 41 | 11 32 | 0 23 | 19 39 | 2 29 | 22 52 | 22 48 | 24 44 | 13 45 | 1 48 |
| S 21 | 23 23 | 11 55 | 3 14 | 19 12 | 2 22 | 18 20 | 1 47 | 17 33 | 3 11 | 5 27 | 1 13 | 9 25 | 1 32 | 15 25 | 0 41 | 11 33 | 0 23 | 19 39 | 2 29 | 22 52 | 22 48 | 24 44 | 13 45 | 1 48 |
| S 22 | 23 23 | 6 29 | 4 8 | 19 27 | 2 16 | 18 0 | 1 41 | 17 35 | 3 14 | 5 30 | 1 13 | 9 25 | 1 32 | 15 24 | 0 41 | 11 33 | 0 23 | 19 39 | 2 28 | 22 52 | 22 48 | 24 45 | 13 44 | 1 48 |
| M23 | 23 23 | 0 57 | 4 47 | 19 42 | 2 9 | 17 40 | 1 35 | 17 38 | 3 16 | 5 32 | 1 13 | 9 26 | 1 32 | 15 24 | 0 41 | 11 33 | 0 23 | 19 39 | 2 28 | 22 52 | 22 49 | 24 45 | 13 44 | 1 48 |
| T 24 | 23 22 | 4n28 | 5 10 | 19 58 | 2 2 | 17 20 | 1 28 | 17 40 | 3 19 | 5 35 | 1 14 | 9 26 | 1 32 | 15 23 | 0 41 | 11 33 | 0 23 | 19 40 | 2 28 | 22 52 | 22 49 | 24 45 | 13 43 | 1 48 |
| W25 | 23 21 | 9 33 | 5 17 | 20 15 | 1 55 | 17 0 | 1 21 | 17 43 | 3 22 | 5 37 | 1 14 | 9 27 | 1 33 | 15 22 | 0 41 | 11 34 | 0 23 | 19 40 | 2 28 | 22 52 | 22 49 | 24 45 | 13 43 | 1 48 |
| T 26 | 23 20 | 14 8 | 5 10 | 20 32 | 1 47 | 16 40 | 1 14 | 17 47 | 3 24 | 5 40 | 1 14 | 9 27 | 1 33 | 15 21 | 0 41 | 11 34 | 0 23 | 19 40 | 2 28 | 22 52 | 22 50 | 24 45 | 13 42 | 1 48 |
| F 27 | 23 18 | 18 6 | 4 49 | 20 48 | 1 39 | 16 20 | 1 6 | 17 50 | 3 27 | 5 42 | 1 14 | 9 27 | 1 33 | 15 20 | 0 41 | 11 34 | 0 23 | 19 40 | 2 28 | 22 52 | 22 50 | 24 45 | 13 42 | 1 48 |
| S 28 | 23 15 | 21 17 | 4 16 | 21 4 | 1 31 | 15 59 | 0 58 | 17 54 | 3 29 | 5 44 | 1 15 | 9 28 | 1 33 | 15 19 | 0 41 | 11 34 | 0 23 | 19 40 | 2 28 | 22 52 | 22 50 | 24 45 | 13 41 | 1 48 |
| S 29 | 23 12 | 23 32 | 3 32 | 21 20 | 1 23 | 15 39 | 0 50 | 17 58 | 3 32 | 5 46 | 1 15 | 9 28 | 1 34 | 15 18 | 0 41 | 11 35 | 0 23 | 19 41 | 2 28 | 22 52 | 22 50 | 24 46 | 13 41 | 1 48 |
| M30 | 23 9 | 24 46 | 2 39 | 21 36 | 1 15 | 15 19 | 0 42 | 18 3 | 3 35 | 5 49 | 1 15 | 9 29 | 1 34 | 15 18 | 0 41 | 11 35 | 0 23 | 19 41 | 2 28 | 22 52 | 22 51 | 24 46 | 13 40 | 1 48 |
| T 31 | 23s 5 | 24n53 | 1n39 | 21s50 | 1n 7 | 14s58 | 0s33 | 18n 7 | 3n37 | 5s51 | 1n15 | 9n30 | 1n34 | 15s17 | 0s41 | 11n35 | 0n23 | 19n41 | 2s28 | 22s52 | 22s51 | 24n46 | 13n40 | 1s48 |

Julian Day Number = 2604915.5, Delta T = 09m36s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'40, Lahiri = 29°43'41


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## JANUARY 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 41 2 | 9♑55'44 | 5♋27 | 20♐37 | 21♒39 | 20°R 9 | 18♎ 0 | 9°R20 | 20♒32 | 0°R37 | 18°R20 | 11°R43 | 11♑54 | 12♊45 | 11°R53 | W 1 |
| T 2 | 6 44 59 | 10°56'49 | 17°26 | 22° 0 | 22°14 | 20♌ 1 | 18° 6 | 9♍19 | 20°35 | 0♍36 | 18♋19 | 11°D43 | 11°51 | 12°51 | 11♉52 | T 2 |
| F 3 | 6 48 55 | 11°57'54 | 29°32 | 23°23 | 22°47 | 19°52 | 18°11 | 9°18 | 20°38 | 0°35 | 18°18 | 11°R43 | 11°48 | 12°58 | 11°51 | F 3 |
| S 4 | 6 52 52 | 12°59'00 | 11♌48 | 24°47 | 23°19 | 19°42 | 18°17 | 9°16 | 20°41 | 0°34 | 18°16 | 11♑43 | 11°44 | 13° 4 | 11°50 | S 4 |
| S 5 | 6 56 48 | 14° 0'06 | 24°15 | 26°12 | 23°50 | 19°31 | 18°22 | 9°15 | 20°44 | 0°33 | 18°15 | 11°43 | 11°41 | 13°11 | 11°49 | S 5 |
| M 6 | 7 0 45 | 15° 1'13 | 6♍54 | 27°38 | 24°19 | 19°19 | 18°27 | 9°13 | 20°47 | 0°32 | 18°14 | 11°42 | 11°38 | 13°18 | 11°48 | M 6 |
| T 7 | 7 4 41 | 16° 2'20 | 19°49 | 29° 5 | 24°46 | 19° 6 | 18°32 | 9°11 | 20°50 | 0°31 | 18°13 | 11°42 | 11°35 | 13°24 | 11°47 | T 7 |
| W 8 | 7 8 38 | 17° 3'27 | 3♎ 0 | 0♑32 | 25°12 | 18°53 | 18°37 | 9° 9 | 20°53 | 0°30 | 18°11 | 11°42 | 11°32 | 13°31 | 11°46 | W 8 |
| T 9 | 7 12 35 | 18° 4'34 | 16°30 | 2° 0 | 25°35 | 18°39 | 18°42 | 9° 7 | 20°56 | 0°28 | 18°10 | 11°D41 | 11°28 | 13°38 | 11°45 | T 9 |
| F 10 | 7 16 31 | 19° 5'42 | 0♏20 | 3°28 | 25°57 | 18°24 | 18°47 | 9° 5 | 20°59 | 0°27 | 18° 9 | 11°42 | 11°25 | 13°44 | 11°45 | F 10 |
| S 11 | 7 20 28 | 20° 6'51 | 14°30 | 4°57 | 26°17 | 18° 8 | 18°51 | 9° 3 | 21° 2 | 0°26 | 18° 8 | 11°42 | 11°22 | 13°51 | 11°44 | S 11 |
| S 12 | 7 24 24 | 21° 8'00 | 28°58 | 6°27 | 26°35 | 17°52 | 18°55 | 9° 0 | 21° 5 | 0°25 | 18° 6 | 11°43 | 11°19 | 13°58 | 11°43 | S 12 |
| M13 | 7 28 21 | 22° 9'09 | 13♐41 | 7°56 | 26°51 | 17°35 | 18°59 | 8°58 | 21° 8 | 0°24 | 18° 5 | 11°44 | 11°16 | 14° 4 | 11°43 | M13 |
| T 14 | 7 32 17 | 23°10'18 | 28°34 | 9°27 | 27° 5 | 17°17 | 19° 3 | 8°55 | 21°12 | 0°22 | 18° 4 | 11°44 | 11°13 | 14°11 | 11°42 | T 14 |
| W15 | 7 36 14 | 24°11'27 | 13♑30 | 10°58 | 27°16 | 16°59 | 19° 7 | 8°52 | 21°15 | 0°21 | 18° 3 | 11°R45 | 11° 9 | 14°18 | 11°42 | W15 |
| T 16 | 7 40 11 | 25°12'37 | 28°20 | 12°29 | 27°26 | 16°39 | 19°10 | 8°50 | 21°18 | 0°20 | 18° 1 | 11°44 | 11° 6 | 14°24 | 11°42 | T 16 |
| F 17 | 7 44 7 | 26°13'45 | 12♒56 | 14° 1 | 27°33 | 16°20 | 19°14 | 8°47 | 21°21 | 0°19 | 18° 0 | 11°43 | 11° 3 | 14°31 | 11°41 | F 17 |
| S 18 | 7 48 4 | 27°14'54 | 27°13 | 15°33 | 27°37 | 15°59 | 19°17 | 8°44 | 21°24 | 0°17 | 17°59 | 11°41 | 11° 0 | 14°38 | 11°41 | S 18 |
| S 19 | 7 52 0 | 28°16'02 | 11♓ 6 | 17° 5 | 27°R40 | 15°39 | 19°20 | 8°41 | 21°28 | 0°16 | 17°58 | 11°39 | 10°57 | 14°44 | 11°41 | S 19 |
| M20 | 7 55 57 | 29°17'09 | 24°33 | 18°39 | 27°40 | 15°17 | 19°23 | 8°38 | 21°31 | 0°15 | 17°57 | 11°36 | 10°54 | 14°51 | 11°41 | M20 |
| T 21 | 7 59 53 | 0♒18'16 | 7♈35 | 20°12 | 27°37 | 14°55 | 19°25 | 8°35 | 21°34 | 0°13 | 17°55 | 11°34 | 10°50 | 14°58 | 11°D41 | T 21 |
| W22 | 8 3 50 | 1°19'23 | 20°13 | 21°46 | 27°32 | 14°33 | 19°28 | 8°31 | 21°38 | 0°12 | 17°54 | 11°33 | 10°47 | 15° 4 | 11°41 | W22 |
| T 23 | 8 7 46 | 2°20'28 | 2♉32 | 23°21 | 27°24 | 14°11 | 19°30 | 8°28 | 21°41 | 0°10 | 17°53 | 11°D32 | 10°44 | 15°11 | 11°41 | T 23 |
| F 24 | 8 11 43 | 3°21'33 | 14°36 | 24°56 | 27°14 | 13°48 | 19°32 | 8°25 | 21°44 | 0° 9 | 17°52 | 11°33 | 10°41 | 15°18 | 11°41 | F 24 |
| S 25 | 8 15 40 | 4°22'37 | 26°29 | 26°31 | 27° 1 | 13°24 | 19°34 | 8°21 | 21°48 | 0° 7 | 17°51 | 11°34 | 10°38 | 15°24 | 11°41 | S 25 |
| S 26 | 8 19 36 | 5°23'41 | 8♊18 | 28° 7 | 26°46 | 13° 1 | 19°36 | 8°17 | 21°51 | 0° 6 | 17°49 | 11°36 | 10°34 | 15°31 | 11°41 | S 26 |
| M27 | 8 23 33 | 6°24'43 | 20° 6 | 29°44 | 26°28 | 12°37 | 19°37 | 8°14 | 21°54 | 0° 4 | 17°48 | 11°38 | 10°31 | 15°38 | 11°42 | M27 |
| T 28 | 8 27 29 | 7°25'45 | 1♋58 | 1♒21 | 26° 8 | 12°13 | 19°39 | 8°10 | 21°58 | 0° 3 | 17°47 | 11°39 | 10°28 | 15°44 | 11°42 | T 28 |
| W29 | 8 31 26 | 8°26'46 | 13°56 | 2°59 | 25°46 | 11°50 | 19°40 | 8° 6 | 22° 1 | 0° 1 | 17°46 | 11°R39 | 10°25 | 15°51 | 11°42 | W29 |
| T 30 | 8 35 22 | 9°27'47 | 26° 5 | 4°37 | 25°21 | 11°26 | 19°41 | 8° 2 | 22° 5 | 29♌59 | 17°45 | 11°38 | 10°22 | 15°58 | 11°43 | T 30 |
| F 31 | 8 39 19 | 10♒28'46 | 8♌25 | 6♒16 | 24♒54 | 11♌ 1 | 19♎41 | 7♍58 | 22♒ 8 | 29♌58 | 17♋44 | 11♑36 | 10♑19 | 16♊ 4 | 11♉44 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23s 1 | 23n51 | 0n35 | 22s 5 | 0n59 | 14s38 | 0s24 | 18n12 | 3n40 | 5s53 | 1n15 | 9n30 | 1n34 | 15s16 | 0s41 | 11n36 | 0n23 | 19n41 | 2s28 | 22s52 | 22s51 | 24n46 | 13n40 | 1s48 |
| T 2 | 22 56 | 21 44 | 0s32 | 22 18 | 0 51 | 14 18 | 0 15 | 18 17 | 3 42 | 5 55 | 1 16 | 9 31 | 1 35 | 15 15 | 0 41 | 11 36 | 0 23 | 19 42 | 2 28 | 22 52 | 22 52 | 24 46 | 13 39 | 1 48 |
| F 3 | 22 51 | 18 37 | 1 38 | 22 31 | 0 43 | 13 58 | 0 5 | 18 23 | 3 45 | 5 57 | 1 16 | 9 32 | 1 35 | 15 14 | 0 41 | 11 36 | 0 23 | 19 42 | 2 28 | 22 52 | 22 52 | 24 46 | 13 39 | 1 48 |
| S 4 | 22 45 | 14 39 | 2 40 | 22 42 | 0 35 | 13 38 | 0n 5 | 18 28 | 3 47 | 5 59 | 1 16 | 9 33 | 1 35 | 15 13 | 0 41 | 11 37 | 0 23 | 19 42 | 2 28 | 22 52 | 22 52 | 24 46 | 13 39 | 1 48 |
| S 5 | 22 39 | 10 1 | 3 35 | 22 53 | 0 27 | 13 18 | 0 15 | 18 34 | 3 50 | 6 0 | 1 16 | 9 33 | 1 35 | 15 12 | 0 41 | 11 37 | 0 23 | 19 42 | 2 28 | 22 52 | 22 52 | 24 46 | 13 38 | 1 48 |
| M 6 | 22 32 | 4 55 | 4 21 | 23 3 | 0 19 | 12 59 | 0 26 | 18 40 | 3 52 | 6 2 | 1 17 | 9 34 | 1 35 | 15 11 | 0 41 | 11 38 | 0 23 | 19 42 | 2 28 | 22 52 | 22 53 | 24 46 | 13 38 | 1 48 |
| T 7 | 22 25 | 0s30 | 4 55 | 23 12 | 0 11 | 12 40 | 0 37 | 18 46 | 3 55 | 6 4 | 1 17 | 9 35 | 1 36 | 15 10 | 0 41 | 11 38 | 0 24 | 19 43 | 2 28 | 22 52 | 22 53 | 24 46 | 13 38 | 1 47 |
| W 8 | 22 18 | 6 0 | 5 14 | 23 20 | 0 3 | 12 21 | 0 48 | 18 53 | 3 57 | 6 6 | 1 17 | 9 36 | 1 36 | 15 9 | 0 41 | 11 38 | 0 24 | 19 43 | 2 28 | 22 52 | 22 53 | 24 46 | 13 38 | 1 47 |
| T 9 | 22 10 | 11 21 | 5 17 | 23 26 | 0s 4 | 12 2 | 0 59 | 18 59 | 3 59 | 6 7 | 1 17 | 9 37 | 1 36 | 15 8 | 0 41 | 11 39 | 0 24 | 19 43 | 2 28 | 22 52 | 22 53 | 24 46 | 13 37 | 1 47 |
| F 10 | 22 2 | 16 16 | 5 1 | 23 32 | 0 12 | 11 43 | 1 11 | 19 6 | 4 1 | 6 9 | 1 18 | 9 38 | 1 36 | 15 7 | 0 41 | 11 39 | 0 24 | 19 43 | 2 28 | 22 52 | 22 54 | 24 47 | 13 37 | 1 47 |
| S 11 | 21 53 | 20 24 | 4 27 | 23 36 | 0 19 | 11 25 | 1 24 | 19 13 | 4 4 | 6 10 | 1 18 | 9 39 | 1 37 | 15 6 | 0 41 | 11 40 | 0 24 | 19 43 | 2 27 | 22 52 | 22 54 | 24 47 | 13 37 | 1 47 |
| S 12 | 21 44 | 23 24 | 3 36 | 23 39 | 0 26 | 11 7 | 1 36 | 19 20 | 4 6 | 6 11 | 1 18 | 9 40 | 1 37 | 15 5 | 0 41 | 11 40 | 0 24 | 19 44 | 2 27 | 22 52 | 22 54 | 24 47 | 13 37 | 1 47 |
| M13 | 21 34 | 24 52 | 2 30 | 23 41 | 0 33 | 10 50 | 1 49 | 19 28 | 4 8 | 6 13 | 1 18 | 9 41 | 1 37 | 15 4 | 0 41 | 11 41 | 0 24 | 19 44 | 2 27 | 22 52 | 22 55 | 24 47 | 13 37 | 1 47 |
| T 14 | 21 24 | 24 35 | 1 12 | 23 42 | 0 39 | 10 33 | 2 2 | 19 35 | 4 10 | 6 14 | 1 19 | 9 43 | 1 37 | 15 3 | 0 41 | 11 41 | 0 24 | 19 44 | 2 27 | 22 52 | 22 55 | 24 47 | 13 36 | 1 47 |
| W15 | 21 14 | 22 32 | 0n10 | 23 42 | 0 46 | 10 16 | 2 15 | 19 43 | 4 12 | 6 15 | 1 19 | 9 44 | 1 38 | 15 2 | 0 41 | 11 42 | 0 24 | 19 44 | 2 27 | 22 52 | 22 55 | 24 47 | 13 36 | 1 47 |
| T 16 | 21 3 | 18 58 | 1 31 | 23 40 | 0 52 | 10 0 | 2 29 | 19 50 | 4 14 | 6 16 | 1 19 | 9 45 | 1 38 | 15 1 | 0 41 | 11 42 | 0 24 | 19 45 | 2 27 | 22 52 | 22 55 | 24 47 | 13 36 | 1 47 |
| F 17 | 20 51 | 14 16 | 2 44 | 23 37 | 0 58 | 9 45 | 2 43 | 19 58 | 4 16 | 6 17 | 1 19 | 9 46 | 1 38 | 15 0 | 0 41 | 11 42 | 0 24 | 19 45 | 2 27 | 22 52 | 22 56 | 24 47 | 13 36 | 1 47 |
| S 18 | 20 40 | 8 52 | 3 46 | 23 33 | 1 4 | 9 30 | 2 57 | 20 6 | 4 17 | 6 18 | 1 20 | 9 48 | 1 38 | 14 59 | 0 41 | 11 43 | 0 24 | 19 45 | 2 27 | 22 52 | 22 56 | 24 47 | 13 36 | 1 47 |
| S 19 | 20 28 | 3 11 | 4 33 | 23 27 | 1 10 | 9 16 | 3 11 | 20 14 | 4 19 | 6 19 | 1 20 | 9 49 | 1 38 | 14 58 | 0 41 | 11 43 | 0 24 | 19 45 | 2 27 | 22 53 | 22 56 | 24 47 | 13 36 | 1 47 |
| M20 | 20 15 | 2n28 | 5 2 | 23 20 | 1 16 | 9 2 | 3 26 | 20 22 | 4 21 | 6 20 | 1 20 | 9 50 | 1 39 | 14 57 | 0 41 | 11 44 | 0 24 | 19 46 | 2 27 | 22 53 | 22 56 | 24 47 | 13 36 | 1 47 |
| T 21 | 20 2 | 7 50 | 5 15 | 23 12 | 1 21 | 8 49 | 3 41 | 20 30 | 4 22 | 6 21 | 1 20 | 9 52 | 1 39 | 14 56 | 0 41 | 11 44 | 0 24 | 19 46 | 2 27 | 22 53 | 22 57 | 24 47 | 13 36 | 1 47 |
| W22 | 19 49 | 12 42 | 5 12 | 23 2 | 1 26 | 8 37 | 3 55 | 20 38 | 4 23 | 6 21 | 1 21 | 9 53 | 1 39 | 14 55 | 0 41 | 11 45 | 0 24 | 19 46 | 2 27 | 22 53 | 22 57 | 24 46 | 13 36 | 1 47 |
| T 23 | 19 36 | 16 56 | 4 55 | 22 52 | 1 31 | 8 25 | 4 10 | 20 45 | 4 25 | 6 22 | 1 21 | 9 55 | 1 39 | 14 53 | 0 41 | 11 45 | 0 24 | 19 46 | 2 27 | 22 53 | 22 57 | 24 46 | 13 36 | 1 47 |
| F 24 | 19 22 | 20 24 | 4 25 | 22 39 | 1 35 | 8 15 | 4 25 | 20 53 | 4 26 | 6 22 | 1 21 | 9 56 | 1 39 | 14 52 | 0 41 | 11 46 | 0 24 | 19 46 | 2 27 | 22 53 | 22 57 | 24 46 | 13 36 | 1 47 |
| S 25 | 19 7 | 22 57 | 3 44 | 22 26 | 1 39 | 8 5 | 4 40 | 21 1 | 4 27 | 6 23 | 1 21 | 9 58 | 1 40 | 14 51 | 0 41 | 11 47 | 0 24 | 19 47 | 2 27 | 22 53 | 22 58 | 24 46 | 13 36 | 1 47 |
| S 26 | 18 53 | 24 30 | 2 54 | 22 11 | 1 43 | 7 56 | 4 55 | 21 9 | 4 28 | 6 23 | 1 22 | 9 59 | 1 40 | 14 50 | 0 41 | 11 47 | 0 24 | 19 47 | 2 26 | 22 53 | 22 58 | 24 46 | 13 36 | 1 47 |
| M27 | 18 38 | 24 57 | 1 56 | 21 54 | 1 47 | 7 48 | 5 10 | 21 17 | 4 29 | 6 24 | 1 22 | 10 1 | 1 40 | 14 49 | 0 41 | 11 48 | 0 24 | 19 47 | 2 26 | 22 53 | 22 58 | 24 46 | 13 37 | 1 47 |
| T 28 | 18 22 | 24 15 | 0 53 | 21 36 | 1 50 | 7 41 | 5 25 | 21 24 | 4 30 | 6 24 | 1 22 | 10 2 | 1 40 | 14 48 | 0 41 | 11 48 | 0 24 | 19 47 | 2 26 | 22 53 | 22 58 | 24 46 | 13 37 | 1 47 |
| W29 | 18 7 | 22 27 | 0s13 | 21 17 | 1 53 | 7 34 | 5 39 | 21 32 | 4 30 | 6 24 | 1 22 | 10 4 | 1 40 | 14 47 | 0 41 | 11 49 | 0 24 | 19 48 | 2 26 | 22 53 | 22 59 | 24 46 | 13 37 | 1 47 |
| T 30 | 17 51 | 19 36 | 1 18 | 20 57 | 1 56 | 7 29 | 5 53 | 21 39 | 4 31 | 6 24 | 1 23 | 10 5 | 1 41 | 14 46 | 0 41 | 11 49 | 0 24 | 19 48 | 2 26 | 22 53 | 22 59 | 24 46 | 13 37 | 1 47 |
| F 31 | 17s34 | 15n50 | 2s22 | 20s35 | 1s59 | 7s25 | 6n 7 | 21n46 | 4n31 | 6s24 | 1n23 | 10n 7 | 1n41 | 14s45 | 0s41 | 11n50 | 0n24 | 19n48 | 2s26 | 22s53 | 22s59 | 24n46 | 13n37 | 1s47 |

Julian Day Number = 2604946.5, Delta T = 09m36s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'44, Lahiri = 29°43'45


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## FEBRUARY 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 43 15 | 11♒29'45 | 20♌58 | 7♒55 | 24°R26 | 10°R37 | 19♎42 | 7°R54 | 22♒12 | 29°R57 | 17°R42 | 11°R32 | 10♉15 | 16♊11 | 11♉44 | S 1 |
| S 2 | 8 47 12 | 12°30'43 | 3♍45 | 9°35 | 23♒55 | 10♌14 | 19°42 | 7♍50 | 22°15 | 29♌55 | 17♋41 | 11♉27 | 10°12 | 16°18 | 11°45 | S 2 |
| M 3 | 8 51 9 | 13°31'40 | 16°45 | 11°16 | 23°23 | 9°50 | 19°43 | 7°46 | 22°18 | 29°54 | 17°40 | 11°22 | 10° 9 | 16°24 | 11°46 | M 3 |
| T 4 | 8 55 5 | 14°32'37 | 29°59 | 12°58 | 22°50 | 9°26 | 19°R43 | 7°42 | 22°22 | 29°52 | 17°39 | 11°16 | 10° 6 | 16°31 | 11°46 | T 4 |
| W 5 | 8 59 2 | 15°33'33 | 13♎24 | 14°40 | 22°15 | 9° 3 | 19°42 | 7°37 | 22°25 | 29°50 | 17°38 | 11°12 | 10° 3 | 16°38 | 11°47 | W 5 |
| T 6 | 9 2 58 | 16°34'28 | 27° 2 | 16°22 | 21°39 | 8°39 | 19°42 | 7°33 | 22°29 | 29°49 | 17°37 | 11° 8 | 10° 0 | 16°44 | 11°48 | T 6 |
| F 7 | 9 6 55 | 17°35'23 | 10♏51 | 18° 6 | 21° 3 | 8°17 | 19°41 | 7°29 | 22°32 | 29°47 | 17°36 | 11° 7 | 9°56 | 16°51 | 11°49 | F 7 |
| S 8 | 9 10 51 | 18°36'17 | 24°52 | 19°50 | 20°26 | 7°54 | 19°41 | 7°24 | 22°36 | 29°45 | 17°35 | 11°D 7 | 9°53 | 16°58 | 11°50 | S 8 |
| S 9 | 9 14 48 | 19°37'10 | 9♐ 2 | 21°34 | 19°49 | 7°32 | 19°40 | 7°20 | 22°39 | 29°44 | 17°34 | 11° 8 | 9°50 | 17° 4 | 11°51 | S 9 |
| M10 | 9 18 44 | 20°38'03 | 23°22 | 23°20 | 19°11 | 7°10 | 19°39 | 7°15 | 22°43 | 29°42 | 17°33 | 11° 9 | 9°47 | 17°11 | 11°53 | M10 |
| T 11 | 9 22 41 | 21°38'55 | 7♑47 | 25° 6 | 18°35 | 6°49 | 19°37 | 7°11 | 22°46 | 29°40 | 17°32 | 11°R10 | 9°44 | 17°18 | 11°54 | T 11 |
| W12 | 9 26 38 | 22°39'46 | 22°16 | 26°52 | 17°58 | 6°28 | 19°36 | 7° 6 | 22°50 | 29°39 | 17°31 | 11° 9 | 9°40 | 17°24 | 11°55 | W12 |
| T 13 | 9 30 34 | 23°40'36 | 6♒42 | 28°39 | 17°23 | 6° 8 | 19°34 | 7° 2 | 22°53 | 29°37 | 17°30 | 11° 7 | 9°37 | 17°31 | 11°57 | T 13 |
| F 14 | 9 34 31 | 24°41'25 | 21° 1 | 0♓27 | 16°49 | 5°48 | 19°32 | 6°57 | 22°57 | 29°35 | 17°29 | 11° 2 | 9°34 | 17°38 | 11°58 | F 14 |
| S 15 | 9 38 27 | 25°42'13 | 5♓ 7 | 2°15 | 16°15 | 5°29 | 19°30 | 6°52 | 23° 0 | 29°34 | 17°28 | 10°56 | 9°31 | 17°44 | 11°59 | S 15 |
| S 16 | 9 42 24 | 26°42'59 | 18°54 | 4° 4 | 15°43 | 5°10 | 19°28 | 6°47 | 23° 4 | 29°32 | 17°27 | 10°48 | 9°28 | 17°51 | 12° 1 | S 16 |
| M17 | 9 46 20 | 27°43'44 | 2♈20 | 5°52 | 15°13 | 4°52 | 19°25 | 6°43 | 23° 7 | 29°30 | 17°26 | 10°40 | 9°25 | 17°57 | 12° 3 | M17 |
| T 18 | 9 50 17 | 28°44'28 | 15°24 | 7°41 | 14°45 | 4°35 | 19°23 | 6°38 | 23°11 | 29°29 | 17°25 | 10°32 | 9°21 | 18° 4 | 12° 4 | T 18 |
| W19 | 9 54 13 | 29°45'10 | 28° 5 | 9°30 | 14°18 | 4°19 | 19°20 | 6°33 | 23°14 | 29°27 | 17°24 | 10°25 | 9°18 | 18°11 | 12° 6 | W19 |
| T 20 | 9 58 10 | 0♓45'50 | 10♉26 | 11°18 | 13°54 | 4° 3 | 19°17 | 6°28 | 23°18 | 29°25 | 17°23 | 10°21 | 9°15 | 18°17 | 12° 8 | T 20 |
| F 21 | 10 2 6 | 1°46'29 | 22°32 | 13° 6 | 13°32 | 3°48 | 19°14 | 6°23 | 23°21 | 29°24 | 17°22 | 10°18 | 9°12 | 18°24 | 12° 9 | F 21 |
| S 22 | 10 6 3 | 2°47'07 | 4♊27 | 14°54 | 13°12 | 3°34 | 19°10 | 6°19 | 23°25 | 29°22 | 17°22 | 10°D18 | 9° 9 | 18°31 | 12°11 | S 22 |
| S 23 | 10 10 0 | 3°47'42 | 16°16 | 16°40 | 12°54 | 3°20 | 19° 7 | 6°14 | 23°28 | 29°20 | 17°21 | 10°19 | 9° 6 | 18°37 | 12°13 | S 23 |
| M24 | 10 13 56 | 4°48'16 | 28° 4 | 18°25 | 12°39 | 3° 7 | 19° 3 | 6° 9 | 23°31 | 29°19 | 17°20 | 10°20 | 9° 2 | 18°44 | 12°15 | M24 |
| T 25 | 10 17 53 | 5°48'49 | 9♋57 | 20° 9 | 12°27 | 2°55 | 18°59 | 6° 4 | 23°35 | 29°17 | 17°19 | 10°R20 | 8°59 | 18°51 | 12°17 | T 25 |
| W26 | 10 21 49 | 6°49'19 | 22° 0 | 21°50 | 12°16 | 2°44 | 18°55 | 5°59 | 23°38 | 29°15 | 17°19 | 10°20 | 8°56 | 18°57 | 12°19 | W26 |
| T 27 | 10 25 46 | 7°49'48 | 4♌16 | 23°29 | 12° 9 | 2°34 | 18°51 | 5°54 | 23°42 | 29°14 | 17°18 | 10°17 | 8°53 | 19° 4 | 12°21 | T 27 |
| F 28 | 10 29 42 | 8°50'15 | 16°49 | 25° 4 | 12° 3 | 2°24 | 18°46 | 5°50 | 23°45 | 29°12 | 17°17 | 10°11 | 8°50 | 19°11 | 12°24 | F 28 |
| S 29 | 10 33 39 | 9♓50'40 | 29♌39 | 26♓36 | 12♒ 0 | 2♌16 | 18♎42 | 5♍45 | 23♒49 | 29♌10 | 17♋16 | 10♉ 3 | 8♉46 | 19♊17 | 12♉26 | S 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s18 | 11n20 | 3s19 | 20s11 | 2s 1 | 7s21 | 6n21 | 21n53 | 4n31 | 6s24 | 1n23 | 10n 9 | 1n41 | 14s44 | 0s41 | 11n50 | 0n24 | 19n48 | 2s26 | 22s53 | 22s59 | 24n46 | 13n37 | 1s47 |
| S 2 | 17 1 | 6 16 | 4 7 | 19 47 | 2 2 | 7 19 | 6 34 | 22 0 | 4 32 | 6 24 | 1 23 | 10 10 | 1 41 | 14 42 | 0 41 | 11 51 | 0 24 | 19 48 | 2 26 | 22 54 | 23 0 | 24 46 | 13 38 | 1 47 |
| M 3 | 16 44 | 0 51 | 4 44 | 19 20 | 2 4 | 7 17 | 6 46 | 22 6 | 4 32 | 6 24 | 1 24 | 10 12 | 1 41 | 14 41 | 0 41 | 11 52 | 0 24 | 19 49 | 2 26 | 22 54 | 23 0 | 24 46 | 13 38 | 1 47 |
| T 4 | 16 26 | 4s40 | 5 6 | 18 53 | 2 5 | 7 17 | 6 58 | 22 13 | 4 32 | 6 24 | 1 24 | 10 14 | 1 41 | 14 40 | 0 41 | 11 52 | 0 24 | 19 49 | 2 26 | 22 54 | 23 0 | 24 45 | 13 38 | 1 47 |
| W 5 | 16 8 | 10 4 | 5 12 | 18 24 | 2 5 | 7 17 | 7 9 | 22 19 | 4 31 | 6 23 | 1 24 | 10 16 | 1 42 | 14 39 | 0 41 | 11 53 | 0 24 | 19 49 | 2 26 | 22 55 | 23 0 | 24 45 | 13 38 | 1 47 |
| T 6 | 15 50 | 15 3 | 5 0 | 17 53 | 2 6 | 7 18 | 7 20 | 22 25 | 4 31 | 6 23 | 1 25 | 10 17 | 1 42 | 14 38 | 0 41 | 11 53 | 0 24 | 19 49 | 2 26 | 22 55 | 23 1 | 24 45 | 13 39 | 1 47 |
| F 7 | 15 32 | 19 20 | 4 31 | 17 22 | 2 5 | 7 21 | 7 29 | 22 31 | 4 31 | 6 23 | 1 25 | 10 19 | 1 42 | 14 37 | 0 41 | 11 54 | 0 24 | 19 50 | 2 25 | 22 55 | 23 1 | 24 45 | 13 39 | 1 47 |
| S 8 | 15 13 | 22 35 | 3 46 | 16 48 | 2 5 | 7 23 | 7 38 | 22 36 | 4 30 | 6 22 | 1 25 | 10 21 | 1 42 | 14 36 | 0 41 | 11 54 | 0 24 | 19 50 | 2 25 | 22 55 | 23 1 | 24 45 | 13 39 | 1 47 |
| S 9 | 14 54 | 24 29 | 2 46 | 16 14 | 2 4 | 7 27 | 7 46 | 22 41 | 4 30 | 6 21 | 1 25 | 10 23 | 1 42 | 14 34 | 0 41 | 11 55 | 0 24 | 19 50 | 2 25 | 22 55 | 23 1 | 24 45 | 13 40 | 1 47 |
| M10 | 14 35 | 24 48 | 1 35 | 15 38 | 2 2 | 7 31 | 7 53 | 22 46 | 4 29 | 6 21 | 1 26 | 10 25 | 1 42 | 14 33 | 0 41 | 11 56 | 0 24 | 19 50 | 2 25 | 22 55 | 23 2 | 24 45 | 13 40 | 1 47 |
| T 11 | 14 15 | 23 28 | 0 18 | 15 0 | 2 0 | 7 37 | 8 0 | 22 51 | 4 28 | 6 20 | 1 26 | 10 26 | 1 42 | 14 32 | 0 41 | 11 56 | 0 24 | 19 50 | 2 25 | 22 55 | 23 2 | 24 44 | 13 41 | 1 47 |
| W12 | 13 56 | 20 34 | 1n 0 | 14 22 | 1 57 | 7 42 | 8 5 | 22 56 | 4 28 | 6 19 | 1 26 | 10 28 | 1 43 | 14 31 | 0 41 | 11 57 | 0 24 | 19 51 | 2 25 | 22 55 | 23 2 | 24 44 | 13 41 | 1 47 |
| T 13 | 13 36 | 16 23 | 2 14 | 13 42 | 1 54 | 7 49 | 8 9 | 23 0 | 4 27 | 6 18 | 1 26 | 10 30 | 1 43 | 14 30 | 0 41 | 11 57 | 0 24 | 19 51 | 2 25 | 22 55 | 23 2 | 24 44 | 13 41 | 1 47 |
| F 14 | 13 16 | 11 19 | 3 19 | 13 0 | 1 50 | 7 55 | 8 13 | 23 4 | 4 26 | 6 17 | 1 27 | 10 32 | 1 43 | 14 29 | 0 41 | 11 58 | 0 24 | 19 51 | 2 25 | 22 56 | 23 2 | 24 44 | 13 42 | 1 47 |
| S 15 | 12 55 | 5 44 | 4 10 | 12 18 | 1 46 | 8 2 | 8 15 | 23 8 | 4 24 | 6 16 | 1 27 | 10 34 | 1 43 | 14 28 | 0 41 | 11 59 | 0 24 | 19 51 | 2 25 | 22 56 | 23 3 | 24 44 | 13 42 | 1 47 |
| S 16 | 12 35 | 0n 1 | 4 46 | 11 34 | 1 41 | 8 10 | 8 17 | 23 11 | 4 23 | 6 15 | 1 27 | 10 36 | 1 43 | 14 27 | 0 41 | 11 59 | 0 24 | 19 52 | 2 25 | 22 57 | 23 3 | 24 43 | 13 43 | 1 47 |
| M17 | 12 14 | 5 35 | 5 5 | 10 49 | 1 36 | 8 18 | 8 17 | 23 14 | 4 22 | 6 14 | 1 27 | 10 38 | 1 43 | 14 25 | 0 41 | 12 0 | 0 24 | 19 52 | 2 25 | 22 58 | 23 3 | 24 43 | 13 43 | 1 47 |
| T 18 | 11 53 | 10 46 | 5 7 | 10 3 | 1 30 | 8 26 | 8 17 | 23 17 | 4 21 | 6 13 | 1 28 | 10 39 | 1 43 | 14 24 | 0 41 | 12 0 | 0 24 | 19 52 | 2 24 | 22 58 | 23 3 | 24 43 | 13 44 | 1 47 |
| W19 | 11 32 | 15 20 | 4 54 | 9 16 | 1 23 | 8 35 | 8 16 | 23 20 | 4 19 | 6 12 | 1 28 | 10 41 | 1 43 | 14 23 | 0 41 | 12 1 | 0 24 | 19 52 | 2 24 | 22 59 | 23 4 | 24 43 | 13 44 | 1 47 |
| T 20 | 11 11 | 19 8 | 4 27 | 8 28 | 1 15 | 8 43 | 8 14 | 23 22 | 4 18 | 6 10 | 1 28 | 10 43 | 1 44 | 14 22 | 0 41 | 12 2 | 0 24 | 19 52 | 2 24 | 22 59 | 23 4 | 24 43 | 13 45 | 1 47 |
| F 21 | 10 49 | 22 3 | 3 49 | 7 40 | 1 7 | 8 52 | 8 12 | 23 24 | 4 16 | 6 9 | 1 28 | 10 45 | 1 44 | 14 21 | 0 41 | 12 2 | 0 24 | 19 53 | 2 24 | 22 59 | 23 4 | 24 42 | 13 46 | 1 47 |
| S 22 | 10 27 | 23 57 | 3 1 | 6 50 | 0 59 | 9 0 | 8 8 | 23 26 | 4 14 | 6 7 | 1 28 | 10 47 | 1 44 | 14 20 | 0 41 | 12 3 | 0 24 | 19 53 | 2 24 | 22 59 | 23 4 | 24 42 | 13 46 | 1 47 |
| S 23 | 10 6 | 24 46 | 2 6 | 6 0 | 0 49 | 9 9 | 8 4 | 23 28 | 4 13 | 6 6 | 1 29 | 10 49 | 1 44 | 14 19 | 0 41 | 12 3 | 0 24 | 19 53 | 2 24 | 22 59 | 23 4 | 24 42 | 13 47 | 1 47 |
| M24 | 9 44 | 24 28 | 1 6 | 5 10 | 0 39 | 9 17 | 8 0 | 23 29 | 4 11 | 6 4 | 1 29 | 10 51 | 1 44 | 14 17 | 0 41 | 12 4 | 0 24 | 19 53 | 2 24 | 22 59 | 23 5 | 24 42 | 13 47 | 1 46 |
| T 25 | 9 22 | 23 3 | 0 2 | 4 20 | 0 28 | 9 26 | 7 54 | 23 30 | 4 9 | 6 3 | 1 29 | 10 53 | 1 44 | 14 16 | 0 41 | 12 5 | 0 24 | 19 53 | 2 24 | 22 59 | 23 5 | 24 41 | 13 48 | 1 46 |
| W26 | 8 59 | 20 34 | 1s 2 | 3 29 | 0 17 | 9 34 | 7 49 | 23 31 | 4 7 | 6 1 | 1 29 | 10 54 | 1 44 | 14 15 | 0 41 | 12 5 | 0 24 | 19 54 | 2 24 | 22 59 | 23 5 | 24 41 | 13 49 | 1 46 |
| T 27 | 8 37 | 17 8 | 2 5 | 2 39 | 0 5 | 9 42 | 7 42 | 23 32 | 4 6 | 5 59 | 1 30 | 10 56 | 1 44 | 14 14 | 0 41 | 12 6 | 0 24 | 19 54 | 2 24 | 22 59 | 23 5 | 24 41 | 13 49 | 1 46 |
| F 28 | 8 14 | 12 52 | 3 2 | 1 50 | 0n 8 | 9 50 | 7 36 | 23 32 | 4 4 | 5 57 | 1 30 | 10 58 | 1 44 | 14 13 | 0 41 | 12 6 | 0 24 | 19 54 | 2 23 | 23 0 | 23 6 | 24 40 | 13 50 | 1 46 |
| S 29 | 7s52 | 7n56 | 3s52 | 1s 2 | 0n21 | 9s58 | 7n29 | 23n32 | 4n 2 | 5s55 | 1n30 | 11n 0 | 1n44 | 14s12 | 0s41 | 12n 7 | 0n24 | 19n54 | 2s23 | 23s 0 | 23s 6 | 24n40 | 13n51 | 1s46 |

Julian Day Number = 2604977.5, Delta T = 09m37s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'48, Lahiri = 29°43'50


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## MARCH 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 37 35 | 10♓51'04 | 12♍48 | 28♓ 3 | 12°D 0 | 2°R 7 | 18°R37 | 5°R40 | 23♒52 | 29°R 9 | 17°R16 | 9°R54 | 8♉43 | 19♊24 | 12♉28 | S 1 |
| M 2 | 10 41 32 | 11°51'26 | 26°13 | 29°26 | 12♒ 2 | 2♌ 0 | 18♎32 | 5♍35 | 23°55 | 29♌ 7 | 17♋15 | 9♉43 | 8°40 | 19°31 | 12°31 | M 2 |
| T 3 | 10 45 29 | 12°51'47 | 9♎52 | 0♈43 | 12° 7 | 1°54 | 18°27 | 5°30 | 23°59 | 29° 5 | 17°14 | 9°32 | 8°37 | 19°37 | 12°33 | T 3 |
| W 4 | 10 49 25 | 13°52'06 | 23°43 | 1°53 | 12°13 | 1°48 | 18°22 | 5°25 | 24° 2 | 29° 4 | 17°14 | 9°22 | 8°34 | 19°44 | 12°35 | W 4 |
| T 5 | 10 53 22 | 14°52'23 | 7♏41 | 2°57 | 12°22 | 1°43 | 18°17 | 5°21 | 24° 5 | 29° 2 | 17°13 | 9°15 | 8°31 | 19°51 | 12°38 | T 5 |
| F 6 | 10 57 18 | 15°52'40 | 21°44 | 3°53 | 12°33 | 1°39 | 18°11 | 5°16 | 24° 9 | 29° 1 | 17°13 | 9°10 | 8°27 | 19°57 | 12°40 | F 6 |
| S 7 | 11 1 15 | 16°52'55 | 5♐49 | 4°42 | 12°47 | 1°36 | 18° 6 | 5°11 | 24°12 | 28°59 | 17°12 | 9° 8 | 8°24 | 20° 4 | 12°43 | S 7 |
| S 8 | 11 5 11 | 17°53'08 | 19°54 | 5°22 | 13° 2 | 1°33 | 18° 0 | 5° 7 | 24°15 | 28°57 | 17°11 | 9°D 7 | 8°21 | 20°11 | 12°46 | S 8 |
| M 9 | 11 9 8 | 18°53'20 | 4♑ 0 | 5°53 | 13°20 | 1°32 | 17°54 | 5° 2 | 24°18 | 28°56 | 17°11 | 9°R 7 | 8°18 | 20°17 | 12°48 | M 9 |
| T 10 | 11 13 4 | 19°53'31 | 18° 5 | 6°15 | 13°39 | 1°31 | 17°48 | 4°57 | 24°22 | 28°54 | 17°10 | 9° 7 | 8°15 | 20°24 | 12°51 | T 10 |
| W11 | 11 17 1 | 20°53'40 | 2♒ 8 | 6°27 | 14° 1 | 1°D30 | 17°42 | 4°53 | 24°25 | 28°53 | 17°10 | 9° 5 | 8°12 | 20°31 | 12°54 | W11 |
| T 12 | 11 20 58 | 21°53'47 | 16° 7 | 6°R31 | 14°24 | 1°31 | 17°36 | 4°48 | 24°28 | 28°51 | 17°10 | 9° 1 | 8° 8 | 20°37 | 12°56 | T 12 |
| F 13 | 11 24 54 | 22°53'53 | 29°59 | 6°25 | 14°49 | 1°32 | 17°29 | 4°44 | 24°31 | 28°50 | 17° 9 | 8°53 | 8° 5 | 20°44 | 12°59 | F 13 |
| S 14 | 11 28 51 | 23°53'57 | 13♓41 | 6°10 | 15°15 | 1°34 | 17°23 | 4°39 | 24°34 | 28°48 | 17° 9 | 8°43 | 8° 2 | 20°50 | 13° 2 | S 14 |
| S 15 | 11 32 47 | 24°53'59 | 27°10 | 5°47 | 15°44 | 1°36 | 17°16 | 4°35 | 24°38 | 28°47 | 17° 8 | 8°31 | 7°59 | 20°57 | 13° 5 | S 15 |
| M16 | 11 36 44 | 25°53'59 | 10♈23 | 5°16 | 16°13 | 1°40 | 17° 9 | 4°30 | 24°41 | 28°45 | 17° 8 | 8°18 | 7°56 | 21° 4 | 13° 8 | M16 |
| T 17 | 11 40 40 | 26°53'58 | 23°18 | 4°38 | 16°45 | 1°44 | 17° 3 | 4°26 | 24°44 | 28°44 | 17° 8 | 8° 5 | 7°52 | 21°10 | 13°11 | T 17 |
| W18 | 11 44 37 | 27°53'54 | 5♉55 | 3°53 | 17°18 | 1°48 | 16°56 | 4°22 | 24°47 | 28°42 | 17° 7 | 7°54 | 7°49 | 21°17 | 13°14 | W18 |
| T 19 | 11 48 33 | 28°53'48 | 18°14 | 3° 4 | 17°52 | 1°54 | 16°49 | 4°18 | 24°50 | 28°41 | 17° 7 | 7°46 | 7°46 | 21°24 | 13°17 | T 19 |
| F 20 | 11 52 30 | 29°53'41 | 0♊20 | 2°11 | 18°27 | 2° 0 | 16°42 | 4°13 | 24°53 | 28°40 | 17° 7 | 7°40 | 7°43 | 21°30 | 13°20 | F 20 |
| S 21 | 11 56 27 | 0♈53'31 | 12°14 | 1°15 | 19° 4 | 2° 7 | 16°34 | 4° 9 | 24°56 | 28°38 | 17° 7 | 7°37 | 7°40 | 21°37 | 13°23 | S 21 |
| S 22 | 12 0 23 | 1°53'19 | 24° 3 | 0°18 | 19°42 | 2°14 | 16°27 | 4° 5 | 24°59 | 28°37 | 17° 6 | 7°36 | 7°37 | 21°44 | 13°27 | S 22 |
| M23 | 12 4 20 | 2°53'05 | 5♋51 | 29♓21 | 20°21 | 2°22 | 16°20 | 4° 1 | 25° 2 | 28°35 | 17° 6 | 7°36 | 7°33 | 21°50 | 13°30 | M23 |
| T 24 | 12 8 16 | 3°52'48 | 17°45 | 28°25 | 21° 1 | 2°30 | 16°13 | 3°58 | 25° 5 | 28°34 | 17° 6 | 7°35 | 7°30 | 21°57 | 13°33 | T 24 |
| W25 | 12 12 13 | 4°52'29 | 29°49 | 27°32 | 21°43 | 2°39 | 16° 5 | 3°54 | 25° 8 | 28°33 | 17° 6 | 7°34 | 7°27 | 22° 4 | 13°36 | W25 |
| T 26 | 12 16 9 | 5°52'08 | 12♌ 8 | 26°41 | 22°25 | 2°49 | 15°58 | 3°50 | 25°10 | 28°32 | 17° 6 | 7°30 | 7°24 | 22°10 | 13°40 | T 26 |
| F 27 | 12 20 6 | 6°51'45 | 24°47 | 25°55 | 23° 9 | 2°59 | 15°50 | 3°46 | 25°13 | 28°30 | 17° 6 | 7°24 | 7°21 | 22°17 | 13°43 | F 27 |
| S 28 | 12 24 2 | 7°51'20 | 7♍48 | 25°13 | 23°53 | 3°10 | 15°43 | 3°43 | 25°16 | 28°29 | 17° 6 | 7°15 | 7°17 | 22°24 | 13°47 | S 28 |
| S 29 | 12 27 59 | 8°50'52 | 21°12 | 24°37 | 24°38 | 3°22 | 15°35 | 3°39 | 25°19 | 28°28 | 17° 6 | 7° 4 | 7°14 | 22°30 | 13°50 | S 29 |
| M30 | 12 31 56 | 9°50'23 | 4♎59 | 24° 6 | 25°25 | 3°34 | 15°27 | 3°36 | 25°22 | 28°27 | 17° 6 | 6°52 | 7°11 | 22°37 | 13°53 | M30 |
| T 31 | 12 35 52 | 10♈49'51 | 19♎ 3 | 23♓41 | 26♒12 | 3♌46 | 15♎20 | 3♍32 | 25♒24 | 28♌26 | 17°D 5 | 6♉40 | 7♉ 8 | 22♊43 | 13♉57 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s29 | 2n34 | 4s31 | 0s15 | 0n34 | 10s 5 | 7n21 | 23n32 | 4n 0 | 5s53 | 1n30 | 11n 2 | 1n44 | 14s11 | 0s41 | 12n 8 | 0n24 | 19n54 | 2s23 | 23s 1 | 23s 6 | 24n40 | 13n51 | 1s46 |
| M 2 | 7 6 | 3s 1 | 4 55 | 0n31 | 0 48 | 10 12 | 7 13 | 23 32 | 3 58 | 5 51 | 1 30 | 11 4 | 1 44 | 14 10 | 0 41 | 12 8 | 0 24 | 19 55 | 2 23 | 23 2 | 23 6 | 24 40 | 13 52 | 1 46 |
| T 3 | 6 43 | 8 33 | 5 3 | 1 15 | 1 3 | 10 18 | 7 5 | 23 31 | 3 56 | 5 49 | 1 31 | 11 6 | 1 44 | 14 9 | 0 41 | 12 9 | 0 24 | 19 55 | 2 23 | 23 3 | 23 6 | 24 39 | 13 53 | 1 46 |
| W 4 | 6 20 | 13 44 | 4 54 | 1 56 | 1 17 | 10 25 | 6 57 | 23 31 | 3 54 | 5 47 | 1 31 | 11 7 | 1 45 | 14 8 | 0 41 | 12 9 | 0 24 | 19 55 | 2 23 | 23 3 | 23 7 | 24 39 | 13 53 | 1 46 |
| T 5 | 5 57 | 18 15 | 4 27 | 2 35 | 1 32 | 10 30 | 6 49 | 23 30 | 3 52 | 5 45 | 1 31 | 11 9 | 1 45 | 14 6 | 0 41 | 12 10 | 0 24 | 19 55 | 2 23 | 23 4 | 23 7 | 24 39 | 13 54 | 1 46 |
| F 6 | 5 33 | 21 46 | 3 44 | 3 10 | 1 46 | 10 36 | 6 40 | 23 29 | 3 50 | 5 43 | 1 31 | 11 11 | 1 45 | 14 5 | 0 41 | 12 10 | 0 24 | 19 55 | 2 23 | 23 4 | 23 7 | 24 38 | 13 55 | 1 46 |
| S 7 | 5 10 | 23 58 | 2 47 | 3 42 | 2 1 | 10 41 | 6 31 | 23 28 | 3 48 | 5 40 | 1 31 | 11 13 | 1 45 | 14 4 | 0 41 | 12 11 | 0 24 | 19 55 | 2 23 | 23 4 | 23 7 | 24 38 | 13 56 | 1 46 |
| S 8 | 4 47 | 24 40 | 1 40 | 4 11 | 2 15 | 10 45 | 6 22 | 23 26 | 3 46 | 5 38 | 1 31 | 11 14 | 1 45 | 14 3 | 0 41 | 12 11 | 0 24 | 19 56 | 2 22 | 23 4 | 23 7 | 24 38 | 13 57 | 1 46 |
| M 9 | 4 23 | 23 47 | 0 27 | 4 36 | 2 28 | 10 49 | 6 13 | 23 24 | 3 44 | 5 36 | 1 32 | 11 16 | 1 45 | 14 2 | 0 41 | 12 12 | 0 24 | 19 56 | 2 22 | 23 4 | 23 8 | 24 37 | 13 57 | 1 46 |
| T 10 | 4 0 | 21 23 | 0n47 | 4 56 | 2 41 | 10 52 | 6 4 | 23 23 | 3 41 | 5 33 | 1 32 | 11 18 | 1 45 | 14 1 | 0 41 | 12 13 | 0 24 | 19 56 | 2 22 | 23 4 | 23 8 | 24 37 | 13 58 | 1 46 |
| W11 | 3 36 | 17 42 | 1 59 | 5 12 | 2 52 | 10 55 | 5 54 | 23 21 | 3 39 | 5 31 | 1 32 | 11 20 | 1 45 | 14 0 | 0 41 | 12 13 | 0 24 | 19 56 | 2 22 | 23 4 | 23 8 | 24 37 | 13 59 | 1 46 |
| T 12 | 3 12 | 13 4 | 3 3 | 5 23 | 3 3 | 10 58 | 5 45 | 23 19 | 3 37 | 5 28 | 1 32 | 11 21 | 1 45 | 13 59 | 0 41 | 12 14 | 0 24 | 19 56 | 2 22 | 23 5 | 23 8 | 24 36 | 14 0 | 1 46 |
| F 13 | 2 49 | 7 47 | 3 55 | 5 29 | 3 13 | 11 0 | 5 36 | 23 16 | 3 35 | 5 26 | 1 32 | 11 23 | 1 45 | 13 58 | 0 41 | 12 14 | 0 24 | 19 56 | 2 22 | 23 5 | 23 8 | 24 36 | 14 1 | 1 46 |
| S 14 | 2 25 | 2 12 | 4 33 | 5 31 | 3 21 | 11 1 | 5 26 | 23 14 | 3 33 | 5 23 | 1 32 | 11 25 | 1 45 | 13 57 | 0 41 | 12 15 | 0 24 | 19 57 | 2 22 | 23 6 | 23 9 | 24 35 | 14 2 | 1 46 |
| S 15 | 2 1 | 3n23 | 4 55 | 5 28 | 3 27 | 11 2 | 5 17 | 23 11 | 3 31 | 5 20 | 1 33 | 11 26 | 1 45 | 13 56 | 0 41 | 12 15 | 0 24 | 19 57 | 2 22 | 23 7 | 23 9 | 24 35 | 14 2 | 1 46 |
| M16 | 1 38 | 8 43 | 5 1 | 5 20 | 3 32 | 11 2 | 5 7 | 23 8 | 3 29 | 5 18 | 1 33 | 11 28 | 1 45 | 13 55 | 0 41 | 12 16 | 0 24 | 19 57 | 2 22 | 23 8 | 23 9 | 24 35 | 14 3 | 1 46 |
| T 17 | 1 14 | 13 32 | 4 51 | 5 7 | 3 35 | 11 2 | 4 58 | 23 5 | 3 27 | 5 15 | 1 33 | 11 29 | 1 45 | 13 54 | 0 41 | 12 16 | 0 24 | 19 57 | 2 21 | 23 8 | 23 9 | 24 34 | 14 4 | 1 46 |
| W18 | 0 50 | 17 39 | 4 26 | 4 50 | 3 36 | 11 2 | 4 49 | 23 2 | 3 25 | 5 12 | 1 33 | 11 31 | 1 45 | 13 53 | 0 41 | 12 17 | 0 24 | 19 57 | 2 21 | 23 9 | 23 9 | 24 34 | 14 5 | 1 46 |
| T 19 | 0 26 | 20 54 | 3 50 | 4 30 | 3 34 | 11 0 | 4 39 | 22 59 | 3 23 | 5 10 | 1 33 | 11 32 | 1 45 | 13 52 | 0 41 | 12 17 | 0 24 | 19 57 | 2 21 | 23 9 | 23 9 | 24 33 | 14 6 | 1 46 |
| F 20 | 0 3 | 23 10 | 3 4 | 4 6 | 3 31 | 10 59 | 4 30 | 22 56 | 3 21 | 5 7 | 1 33 | 11 34 | 1 45 | 13 51 | 0 41 | 12 18 | 0 24 | 19 58 | 2 21 | 23 10 | 23 10 | 24 33 | 14 7 | 1 46 |
| S 21 | 0n21 | 24 22 | 2 10 | 3 39 | 3 26 | 10 56 | 4 21 | 22 52 | 3 19 | 5 4 | 1 33 | 11 35 | 1 45 | 13 50 | 0 41 | 12 18 | 0 24 | 19 58 | 2 21 | 23 10 | 23 10 | 24 33 | 14 8 | 1 46 |
| S 22 | 0 45 | 24 26 | 1 11 | 3 10 | 3 19 | 10 54 | 4 11 | 22 48 | 3 16 | 5 1 | 1 33 | 11 37 | 1 45 | 13 49 | 0 41 | 12 19 | 0 24 | 19 58 | 2 21 | 23 10 | 23 10 | 24 32 | 14 9 | 1 46 |
| M23 | 1 9 | 23 25 | 0 9 | 2 39 | 3 10 | 10 50 | 4 2 | 22 45 | 3 14 | 4 58 | 1 33 | 11 38 | 1 45 | 13 48 | 0 41 | 12 19 | 0 24 | 19 58 | 2 21 | 23 10 | 23 10 | 24 32 | 14 10 | 1 46 |
| T 24 | 1 32 | 21 20 | 0s54 | 2 8 | 3 0 | 10 46 | 3 53 | 22 41 | 3 12 | 4 55 | 1 33 | 11 40 | 1 45 | 13 47 | 0 41 | 12 20 | 0 24 | 19 58 | 2 21 | 23 10 | 23 10 | 24 31 | 14 11 | 1 46 |
| W25 | 1 56 | 18 16 | 1 55 | 1 36 | 2 48 | 10 42 | 3 44 | 22 37 | 3 10 | 4 52 | 1 34 | 11 41 | 1 45 | 13 46 | 0 41 | 12 20 | 0 24 | 19 58 | 2 21 | 23 10 | 23 11 | 24 31 | 14 12 | 1 46 |
| T 26 | 2 20 | 14 22 | 2 52 | 1 4 | 2 36 | 10 37 | 3 35 | 22 32 | 3 8 | 4 50 | 1 34 | 11 42 | 1 45 | 13 45 | 0 41 | 12 21 | 0 24 | 19 58 | 2 20 | 23 10 | 23 11 | 24 30 | 14 13 | 1 46 |
| F 27 | 2 43 | 9 44 | 3 42 | 0 33 | 2 22 | 10 31 | 3 26 | 22 28 | 3 6 | 4 47 | 1 34 | 11 44 | 1 45 | 13 44 | 0 41 | 12 21 | 0 24 | 19 58 | 2 20 | 23 11 | 23 11 | 24 30 | 14 14 | 1 46 |
| S 28 | 3 7 | 4 34 | 4 22 | 0 3 | 2 7 | 10 25 | 3 17 | 22 24 | 3 4 | 4 44 | 1 34 | 11 45 | 1 45 | 13 43 | 0 41 | 12 21 | 0 24 | 19 59 | 2 20 | 23 11 | 23 11 | 24 29 | 14 15 | 1 47 |
| S 29 | 3 30 | 0s57 | 4 49 | 0s25 | 1 52 | 10 19 | 3 9 | 22 19 | 3 2 | 4 41 | 1 34 | 11 46 | 1 45 | 13 42 | 0 41 | 12 22 | 0 24 | 19 59 | 2 20 | 23 12 | 23 11 | 24 29 | 14 16 | 1 47 |
| M30 | 3 53 | 6 34 | 5 0 | 0 51 | 1 37 | 10 12 | 3 0 | 22 14 | 3 1 | 4 38 | 1 34 | 11 47 | 1 45 | 13 41 | 0 42 | 12 22 | 0 24 | 19 59 | 2 20 | 23 12 | 23 11 | 24 29 | 14 17 | 1 47 |
| T 31 | 4n17 | 11s58 | 4s54 | 1s15 | 1n21 | 10s 4 | 2n52 | 22n 9 | 2n59 | 4s35 | 1n34 | 11n49 | 1n45 | 13s41 | 0s42 | 12n23 | 0n24 | 19n59 | 2s20 | 23s13 | 23s12 | 24n28 | 14n18 | 1s47 |

Julian Day Number = 2605006.5, Delta T = 09m37s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'52, Lahiri = 29°43'54


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## APRIL 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 39 49 | 11♈49'17 | 3♏21 | 23°R22 | 27♒ 0 | 3♌59 | 15°R12 | 3°R29 | 25♒27 | 28°R24 | 17♋ 6 | 6°R29 | 7♉ 5 | 22♊50 | 14♉ 0 | W 1 |
| T 2 | 12 43 45 | 12°48'42 | 17°46 | 23♓ 9 | 27°48 | 4°12 | 15♎ 4 | 3♍26 | 25°30 | 28♌23 | 17° 6 | 6♉20 | 7° 2 | 22°57 | 14° 4 | T 2 |
| F 3 | 12 47 42 | 13°48'05 | 2♐12 | 23° 2 | 28°38 | 4°26 | 14°56 | 3°23 | 25°32 | 28°22 | 17° 6 | 6°14 | 6°58 | 23° 3 | 14° 7 | F 3 |
| S 4 | 12 51 38 | 14°47'26 | 16°35 | 23°D 1 | 29°28 | 4°41 | 14°49 | 3°20 | 25°35 | 28°21 | 17° 6 | 6°11 | 6°55 | 23°10 | 14°11 | S 4 |
| S 5 | 12 55 35 | 15°46'45 | 0♉51 | 23° 6 | 0♓19 | 4°56 | 14°41 | 3°17 | 25°37 | 28°20 | 17° 6 | 6°D10 | 6°52 | 23°17 | 14°15 | S 5 |
| M 6 | 12 59 31 | 16°46'03 | 14°57 | 23°16 | 1°11 | 5°11 | 14°33 | 3°14 | 25°40 | 28°19 | 17° 6 | 6°R10 | 6°49 | 23°23 | 14°18 | M 6 |
| T 7 | 13 3 28 | 17°45'19 | 28°55 | 23°31 | 2° 3 | 5°27 | 14°25 | 3°11 | 25°42 | 28°18 | 17° 6 | 6° 9 | 6°46 | 23°30 | 14°22 | T 7 |
| W 8 | 13 7 25 | 18°44'33 | 12♒42 | 23°51 | 2°56 | 5°43 | 14°18 | 3° 9 | 25°45 | 28°17 | 17° 6 | 6° 8 | 6°43 | 23°37 | 14°26 | W 8 |
| T 9 | 13 11 21 | 19°43'45 | 26°20 | 24°16 | 3°50 | 6° 0 | 14°10 | 3° 6 | 25°47 | 28°16 | 17° 7 | 6° 3 | 6°39 | 23°43 | 14°29 | T 9 |
| F 10 | 13 15 18 | 20°42'56 | 9♓48 | 24°45 | 4°44 | 6°17 | 14° 2 | 3° 4 | 25°49 | 28°15 | 17° 7 | 5°56 | 6°36 | 23°50 | 14°33 | F 10 |
| S 11 | 13 19 14 | 21°42'04 | 23° 5 | 25°19 | 5°38 | 6°34 | 13°55 | 3° 1 | 25°52 | 28°15 | 17° 7 | 5°46 | 6°33 | 23°57 | 14°37 | S 11 |
| S 12 | 13 23 11 | 22°41'11 | 6♈11 | 25°57 | 6°34 | 6°52 | 13°47 | 2°59 | 25°54 | 28°14 | 17° 7 | 5°34 | 6°30 | 24° 3 | 14°41 | S 12 |
| M13 | 13 27 7 | 23°40'16 | 19° 3 | 26°38 | 7°29 | 7°10 | 13°40 | 2°57 | 25°56 | 28°13 | 17° 8 | 5°22 | 6°27 | 24°10 | 14°45 | M13 |
| T 14 | 13 31 4 | 24°39'19 | 1♉42 | 27°24 | 8°26 | 7°29 | 13°32 | 2°55 | 25°58 | 28°12 | 17° 8 | 5°10 | 6°23 | 24°17 | 14°48 | T 14 |
| W15 | 13 35 0 | 25°38'20 | 14° 7 | 28°12 | 9°22 | 7°48 | 13°25 | 2°53 | 26° 1 | 28°11 | 17° 8 | 4°59 | 6°20 | 24°23 | 14°52 | W15 |
| T 16 | 13 38 57 | 26°37'19 | 26°20 | 29° 4 | 10°20 | 8° 8 | 13°17 | 2°51 | 26° 3 | 28°11 | 17° 9 | 4°50 | 6°17 | 24°30 | 14°56 | T 16 |
| F 17 | 13 42 53 | 27°36'15 | 8♊20 | 29°59 | 11°17 | 8°27 | 13°10 | 2°49 | 26° 5 | 28°10 | 17° 9 | 4°44 | 6°14 | 24°37 | 15° 0 | F 17 |
| S 18 | 13 46 50 | 28°35'10 | 20°13 | 0♈58 | 12°15 | 8°48 | 13° 3 | 2°47 | 26° 7 | 28° 9 | 17°10 | 4°41 | 6°11 | 24°43 | 15° 4 | S 18 |
| S 19 | 13 50 47 | 29°34'02 | 2♋ 0 | 1°58 | 13°14 | 9° 8 | 12°55 | 2°46 | 26° 9 | 28° 9 | 17°10 | 4°D40 | 6° 8 | 24°50 | 15° 8 | S 19 |
| M20 | 13 54 43 | 0♉32'53 | 13°48 | 3° 2 | 14°13 | 9°29 | 12°48 | 2°44 | 26°11 | 28° 8 | 17°10 | 4°40 | 6° 4 | 24°56 | 15°12 | M20 |
| T 21 | 13 58 40 | 1°31'41 | 25°40 | 4° 8 | 15°12 | 9°50 | 12°41 | 2°43 | 26°13 | 28° 7 | 17°11 | 4°R41 | 6° 1 | 25° 3 | 15°15 | T 21 |
| W22 | 14 2 36 | 2°30'26 | 7♌43 | 5°17 | 16°11 | 10°12 | 12°34 | 2°41 | 26°15 | 28° 7 | 17°11 | 4°41 | 5°58 | 25°10 | 15°19 | W22 |
| T 23 | 14 6 33 | 3°29'10 | 20° 2 | 6°28 | 17°11 | 10°33 | 12°27 | 2°40 | 26°16 | 28° 6 | 17°12 | 4°39 | 5°55 | 25°16 | 15°23 | T 23 |
| F 24 | 14 10 29 | 4°27'51 | 2♍41 | 7°41 | 18°12 | 10°56 | 12°21 | 2°39 | 26°18 | 28° 6 | 17°13 | 4°36 | 5°52 | 25°23 | 15°27 | F 24 |
| S 25 | 14 14 26 | 5°26'30 | 15°45 | 8°56 | 19°12 | 11°18 | 12°14 | 2°38 | 26°20 | 28° 5 | 17°13 | 4°30 | 5°49 | 25°30 | 15°31 | S 25 |
| S 26 | 14 18 22 | 6°25'07 | 29°15 | 10°14 | 20°13 | 11°41 | 12° 7 | 2°37 | 26°22 | 28° 5 | 17°14 | 4°22 | 5°45 | 25°36 | 15°35 | S 26 |
| M27 | 14 22 19 | 7°23'42 | 13♎11 | 11°34 | 21°14 | 12° 4 | 12° 1 | 2°37 | 26°23 | 28° 5 | 17°14 | 4°13 | 5°42 | 25°43 | 15°39 | M27 |
| T 28 | 14 26 16 | 8°22'15 | 27°31 | 12°56 | 22°16 | 12°27 | 11°55 | 2°36 | 26°25 | 28° 4 | 17°15 | 4° 4 | 5°39 | 25°50 | 15°43 | T 28 |
| W29 | 14 30 12 | 9°20'46 | 12♏ 9 | 14°19 | 23°18 | 12°51 | 11°48 | 2°35 | 26°26 | 28° 4 | 17°16 | 3°56 | 5°36 | 25°56 | 15°47 | W29 |
| T 30 | 14 34 9 | 10♉19'15 | 26♏58 | 15♈45 | 24♓20 | 13♌14 | 11♎42 | 2♍35 | 26♒28 | 28♌ 4 | 17♋16 | 3♉50 | 5♉33 | 26♊ 3 | 15♉51 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n40 | 16s48 | 4s28 | 1s37 | 1n 6 | 9s56 | 2n43 | 22n 5 | 2n57 | 4s32 | 1n34 | 11n50 | 1n45 | 13s40 | 0s42 | 12n23 | 0n24 | 19n59 | 2s20 | 23s14 | 23s12 | 24n28 | 14n19 | 1s47 |
| T 2 | 5 3 | 20 42 | 3 46 | 1 56 | 0 50 | 9 47 | 2 35 | 21 59 | 2 55 | 4 29 | 1 34 | 11 51 | 1 44 | 13 39 | 0 42 | 12 23 | 0 24 | 19 59 | 2 20 | 23 14 | 23 12 | 24 27 | 14 20 | 1 47 |
| F 3 | 5 26 | 23 19 | 2 49 | 2 13 | 0 35 | 9 38 | 2 27 | 21 54 | 2 53 | 4 26 | 1 34 | 11 52 | 1 44 | 13 38 | 0 42 | 12 24 | 0 24 | 19 59 | 2 20 | 23 14 | 23 12 | 24 27 | 14 21 | 1 47 |
| S 4 | 5 49 | 24 24 | 1 42 | 2 27 | 0 20 | 9 28 | 2 19 | 21 49 | 2 51 | 4 23 | 1 34 | 11 53 | 1 44 | 13 37 | 0 42 | 12 24 | 0 24 | 19 59 | 2 19 | 23 14 | 23 12 | 24 26 | 14 22 | 1 47 |
| S 5 | 6 12 | 23 51 | 0 28 | 2 39 | 0 6 | 9 18 | 2 11 | 21 44 | 2 49 | 4 20 | 1 34 | 11 54 | 1 44 | 13 36 | 0 42 | 12 24 | 0 24 | 19 59 | 2 19 | 23 15 | 23 12 | 24 26 | 14 23 | 1 47 |
| M 6 | 6 34 | 21 47 | 0n46 | 2 48 | 0s 8 | 9 7 | 2 3 | 21 38 | 2 47 | 4 17 | 1 34 | 11 55 | 1 44 | 13 36 | 0 42 | 12 25 | 0 24 | 20 0 | 2 19 | 23 15 | 23 13 | 24 25 | 14 24 | 1 47 |
| T 7 | 6 57 | 18 25 | 1 57 | 2 54 | 0 22 | 8 56 | 1 55 | 21 32 | 2 46 | 4 14 | 1 34 | 11 56 | 1 44 | 13 35 | 0 42 | 12 25 | 0 24 | 20 0 | 2 19 | 23 15 | 23 13 | 24 24 | 14 25 | 1 47 |
| W 8 | 7 20 | 14 4 | 3 1 | 2 58 | 0 35 | 8 44 | 1 47 | 21 27 | 2 44 | 4 11 | 1 34 | 11 57 | 1 44 | 13 34 | 0 42 | 12 26 | 0 24 | 20 0 | 2 19 | 23 15 | 23 13 | 24 24 | 14 26 | 1 47 |
| T 9 | 7 42 | 9 4 | 3 53 | 3 0 | 0 47 | 8 32 | 1 40 | 21 21 | 2 42 | 4 8 | 1 34 | 11 58 | 1 44 | 13 33 | 0 42 | 12 26 | 0 24 | 20 0 | 2 19 | 23 15 | 23 13 | 24 23 | 14 27 | 1 47 |
| F 10 | 8 4 | 3 41 | 4 31 | 2 59 | 0 59 | 8 19 | 1 32 | 21 15 | 2 40 | 4 5 | 1 34 | 11 59 | 1 44 | 13 32 | 0 42 | 12 26 | 0 24 | 20 0 | 2 19 | 23 15 | 23 13 | 24 23 | 14 28 | 1 47 |
| S 11 | 8 26 | 1n46 | 4 54 | 2 56 | 1 10 | 8 6 | 1 25 | 21 9 | 2 38 | 4 2 | 1 34 | 11 59 | 1 44 | 13 32 | 0 42 | 12 26 | 0 24 | 20 0 | 2 19 | 23 16 | 23 13 | 24 22 | 14 29 | 1 47 |
| S 12 | 8 48 | 7 4 | 5 1 | 2 50 | 1 20 | 7 53 | 1 18 | 21 2 | 2 37 | 3 59 | 1 34 | 12 0 | 1 44 | 13 31 | 0 42 | 12 27 | 0 24 | 20 0 | 2 19 | 23 16 | 23 14 | 24 22 | 14 30 | 1 47 |
| M13 | 9 10 | 11 58 | 4 53 | 2 43 | 1 30 | 7 39 | 1 11 | 20 56 | 2 35 | 3 56 | 1 34 | 12 1 | 1 44 | 13 30 | 0 42 | 12 27 | 0 24 | 20 0 | 2 18 | 23 17 | 23 14 | 24 21 | 14 31 | 1 47 |
| T 14 | 9 32 | 16 16 | 4 30 | 2 33 | 1 40 | 7 24 | 1 4 | 20 50 | 2 33 | 3 53 | 1 34 | 12 2 | 1 44 | 13 29 | 0 42 | 12 27 | 0 24 | 20 0 | 2 18 | 23 17 | 23 14 | 24 21 | 14 32 | 1 47 |
| W15 | 9 53 | 19 47 | 3 55 | 2 22 | 1 48 | 7 10 | 0 57 | 20 43 | 2 32 | 3 51 | 1 34 | 12 2 | 1 44 | 13 29 | 0 42 | 12 28 | 0 24 | 20 0 | 2 18 | 23 17 | 23 14 | 24 20 | 14 33 | 1 47 |
| T 16 | 10 15 | 22 21 | 3 9 | 2 9 | 1 56 | 6 54 | 0 50 | 20 36 | 2 30 | 3 48 | 1 34 | 12 3 | 1 44 | 13 28 | 0 42 | 12 28 | 0 24 | 20 0 | 2 18 | 23 18 | 23 14 | 24 19 | 14 34 | 1 47 |
| F 17 | 10 36 | 23 53 | 2 16 | 1 54 | 2 4 | 6 39 | 0 43 | 20 30 | 2 28 | 3 45 | 1 33 | 12 3 | 1 43 | 13 27 | 0 42 | 12 28 | 0 24 | 20 0 | 2 18 | 23 18 | 23 14 | 24 19 | 14 35 | 1 47 |
| S 18 | 10 57 | 24 18 | 1 16 | 1 37 | 2 11 | 6 23 | 0 37 | 20 23 | 2 27 | 3 42 | 1 33 | 12 4 | 1 43 | 13 27 | 0 42 | 12 28 | 0 24 | 20 0 | 2 18 | 23 18 | 23 14 | 24 18 | 14 36 | 1 47 |
| S 19 | 11 18 | 23 36 | 0 14 | 1 19 | 2 17 | 6 6 | 0 30 | 20 16 | 2 25 | 3 40 | 1 33 | 12 4 | 1 43 | 13 26 | 0 42 | 12 28 | 0 24 | 20 1 | 2 18 | 23 18 | 23 15 | 24 18 | 14 38 | 1 47 |
| M20 | 11 38 | 21 52 | 0s49 | 0 58 | 2 22 | 5 50 | 0 24 | 20 9 | 2 23 | 3 37 | 1 33 | 12 5 | 1 43 | 13 25 | 0 42 | 12 29 | 0 24 | 20 1 | 2 18 | 23 18 | 23 15 | 24 17 | 14 39 | 1 47 |
| T 21 | 11 59 | 19 10 | 1 50 | 0 37 | 2 27 | 5 33 | 0 18 | 20 1 | 2 22 | 3 34 | 1 33 | 12 5 | 1 43 | 13 25 | 0 42 | 12 29 | 0 24 | 20 1 | 2 18 | 23 18 | 23 15 | 24 16 | 14 40 | 1 47 |
| W22 | 12 19 | 15 36 | 2 47 | 0 14 | 2 32 | 5 15 | 0 12 | 19 54 | 2 20 | 3 32 | 1 33 | 12 6 | 1 43 | 13 24 | 0 42 | 12 29 | 0 24 | 20 1 | 2 17 | 23 18 | 23 15 | 24 16 | 14 41 | 1 47 |
| T 23 | 12 39 | 11 19 | 3 38 | 0n11 | 2 36 | 4 57 | 0 6 | 19 46 | 2 19 | 3 29 | 1 33 | 12 6 | 1 43 | 13 24 | 0 42 | 12 29 | 0 24 | 20 1 | 2 17 | 23 18 | 23 15 | 24 15 | 14 42 | 1 48 |
| F 24 | 12 59 | 6 27 | 4 20 | 0 37 | 2 39 | 4 39 | 0 0 | 19 39 | 2 17 | 3 27 | 1 33 | 12 6 | 1 43 | 13 23 | 0 42 | 12 29 | 0 24 | 20 1 | 2 17 | 23 18 | 23 15 | 24 15 | 14 43 | 1 48 |
| S 25 | 13 18 | 1 9 | 4 49 | 1 4 | 2 41 | 4 21 | 0s 5 | 19 31 | 2 16 | 3 24 | 1 33 | 12 7 | 1 43 | 13 23 | 0 42 | 12 30 | 0 24 | 20 1 | 2 17 | 23 19 | 23 15 | 24 14 | 14 44 | 1 48 |
| S 26 | 13 38 | 4s21 | 5 4 | 1 32 | 2 44 | 4 2 | 0 11 | 19 23 | 2 14 | 3 22 | 1 32 | 12 7 | 1 43 | 13 22 | 0 42 | 12 30 | 0 24 | 20 1 | 2 17 | 23 19 | 23 16 | 24 13 | 14 45 | 1 48 |
| M27 | 13 57 | 9 50 | 5 2 | 2 2 | 2 45 | 3 43 | 0 16 | 19 16 | 2 13 | 3 19 | 1 32 | 12 7 | 1 43 | 13 21 | 0 42 | 12 30 | 0 24 | 20 1 | 2 17 | 23 19 | 23 16 | 24 13 | 14 46 | 1 48 |
| T 28 | 14 16 | 14 56 | 4 41 | 2 33 | 2 46 | 3 23 | 0 21 | 19 8 | 2 11 | 3 17 | 1 32 | 12 7 | 1 42 | 13 21 | 0 42 | 12 30 | 0 24 | 20 1 | 2 17 | 23 19 | 23 16 | 24 12 | 14 47 | 1 48 |
| W29 | 14 34 | 19 16 | 4 1 | 3 5 | 2 46 | 3 4 | 0 27 | 18 59 | 2 10 | 3 15 | 1 32 | 12 7 | 1 42 | 13 20 | 0 42 | 12 30 | 0 24 | 20 1 | 2 17 | 23 20 | 23 16 | 24 11 | 14 48 | 1 48 |
| T 30 | 14n53 | 22s25 | 3s 4 | 3n38 | 2s46 | 2s44 | 0s32 | 18n51 | 2n 8 | 3s12 | 1n32 | 12n 7 | 1n42 | 13s20 | 0s43 | 12n30 | 0n24 | 20n 1 | 2s17 | 23s20 | 23s16 | 24n11 | 14n49 | 1s48 |

Julian Day Number = 2605037.5, Delta T = 09m37s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°36'57, Lahiri = 29°43'58


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## MAY 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 38 5 | 11♉17'42 | 11♐49 | 17♈13 | 25♓22 | 13♌39 | 11°R36 | 2°R35 | 26♒29 | 28°R 3 | 17♋17 | 3°R46 | 5♑29 | 26♊10 | 15♉55 | F 1 |
| S 2 | 14 42 2 | 12°16'08 | 26°35 | 18°42 | 26°25 | 14° 3 | 11♎31 | 2♍34 | 26°31 | 28♌ 3 | 17°18 | 3♑44 | 5°26 | 26°16 | 15°59 | S 2 |
| S 3 | 14 45 58 | 13°14'32 | 11♑10 | 20°13 | 27°28 | 14°27 | 11°25 | 2°34 | 26°32 | 28° 3 | 17°19 | 3°D44 | 5°23 | 26°23 | 16° 3 | S 3 |
| M 4 | 14 49 55 | 14°12'55 | 25°30 | 21°47 | 28°31 | 14°52 | 11°19 | 2°D34 | 26°34 | 28° 3 | 17°19 | 3°45 | 5°20 | 26°30 | 16° 7 | M 4 |
| T 5 | 14 53 51 | 15°11'16 | 9♒33 | 23°22 | 29°35 | 15°17 | 11°14 | 2°34 | 26°35 | 28° 3 | 17°20 | 3°R46 | 5°17 | 26°36 | 16°11 | T 5 |
| W 6 | 14 57 48 | 16° 9'35 | 23°18 | 24°59 | 0♈38 | 15°43 | 11° 9 | 2°35 | 26°36 | 28° 3 | 17°21 | 3°45 | 5°14 | 26°43 | 16°15 | W 6 |
| T 7 | 15 1 45 | 17° 7'53 | 6♓46 | 26°37 | 1°42 | 16° 8 | 11° 3 | 2°35 | 26°37 | 28° 3 | 17°22 | 3°44 | 5°10 | 26°49 | 16°19 | T 7 |
| F 8 | 15 5 41 | 18° 6'09 | 19°59 | 28°18 | 2°47 | 16°34 | 10°58 | 2°35 | 26°39 | 28°D 3 | 17°23 | 3°40 | 5° 7 | 26°56 | 16°23 | F 8 |
| S 9 | 15 9 38 | 19° 4'24 | 2♈58 | 0♉ 0 | 3°51 | 17° 0 | 10°54 | 2°36 | 26°40 | 28° 3 | 17°23 | 3°34 | 5° 4 | 27° 3 | 16°27 | S 9 |
| S 10 | 15 13 34 | 20° 2'38 | 15°43 | 1°45 | 4°55 | 17°26 | 10°49 | 2°36 | 26°41 | 28° 3 | 17°24 | 3°27 | 5° 1 | 27° 9 | 16°31 | S 10 |
| M11 | 15 17 31 | 21° 0'50 | 28°16 | 3°31 | 6° 0 | 17°53 | 10°44 | 2°37 | 26°42 | 28° 3 | 17°25 | 3°19 | 4°58 | 27°16 | 16°36 | M11 |
| T 12 | 15 21 27 | 21°59'00 | 10♉38 | 5°19 | 7° 5 | 18°19 | 10°40 | 2°38 | 26°43 | 28° 3 | 17°26 | 3°12 | 4°54 | 27°23 | 16°40 | T 12 |
| W13 | 15 25 24 | 22°57'09 | 22°49 | 7° 8 | 8°10 | 18°46 | 10°36 | 2°39 | 26°44 | 28° 3 | 17°27 | 3° 5 | 4°51 | 27°29 | 16°44 | W13 |
| T 14 | 15 29 20 | 23°55'16 | 4♊51 | 9° 0 | 9°16 | 19°13 | 10°32 | 2°40 | 26°44 | 28° 3 | 17°28 | 3° 0 | 4°48 | 27°36 | 16°48 | T 14 |
| F 15 | 15 33 17 | 24°53'21 | 16°45 | 10°53 | 10°21 | 19°41 | 10°28 | 2°41 | 26°45 | 28° 3 | 17°29 | 2°57 | 4°45 | 27°43 | 16°52 | F 15 |
| S 16 | 15 37 14 | 25°51'25 | 28°34 | 12°49 | 11°27 | 20° 8 | 10°24 | 2°42 | 26°46 | 28° 4 | 17°30 | 2°D56 | 4°42 | 27°49 | 16°56 | S 16 |
| S 17 | 15 41 10 | 26°49'27 | 10♋20 | 14°46 | 12°33 | 20°36 | 10°20 | 2°44 | 26°47 | 28° 4 | 17°31 | 2°56 | 4°39 | 27°56 | 17° 0 | S 17 |
| M18 | 15 45 7 | 27°47'27 | 22° 8 | 16°45 | 13°39 | 21° 4 | 10°17 | 2°45 | 26°47 | 28° 4 | 17°32 | 2°57 | 4°35 | 28° 3 | 17° 4 | M18 |
| T 19 | 15 49 3 | 28°45'26 | 4♌ 1 | 18°46 | 14°45 | 21°32 | 10°14 | 2°47 | 26°48 | 28° 4 | 17°33 | 2°59 | 4°32 | 28° 9 | 17° 7 | T 19 |
| W20 | 15 53 0 | 29°43'23 | 16° 3 | 20°48 | 15°51 | 22° 0 | 10°11 | 2°49 | 26°49 | 28° 5 | 17°34 | 3° 0 | 4°29 | 28°16 | 17°11 | W20 |
| T 21 | 15 56 56 | 0♊41'17 | 28°21 | 22°52 | 16°57 | 22°28 | 10° 8 | 2°50 | 26°49 | 28° 5 | 17°35 | 3°R 1 | 4°26 | 28°22 | 17°15 | T 21 |
| F 22 | 16 0 53 | 1°39'11 | 10♍57 | 24°58 | 18° 4 | 22°57 | 10° 5 | 2°52 | 26°50 | 28° 6 | 17°36 | 3° 1 | 4°23 | 28°29 | 17°19 | F 22 |
| S 23 | 16 4 49 | 2°37'02 | 23°58 | 27° 5 | 19°11 | 23°26 | 10° 3 | 2°54 | 26°50 | 28° 6 | 17°38 | 2°59 | 4°20 | 28°36 | 17°23 | S 23 |
| S 24 | 16 8 46 | 3°34'51 | 7♎25 | 29°13 | 20°17 | 23°55 | 10° 0 | 2°56 | 26°50 | 28° 7 | 17°39 | 2°56 | 4°16 | 28°42 | 17°27 | S 24 |
| M25 | 16 12 43 | 4°32'39 | 21°20 | 1♊22 | 21°24 | 24°24 | 9°58 | 2°58 | 26°51 | 28° 7 | 17°40 | 2°52 | 4°13 | 28°49 | 17°31 | M25 |
| T 26 | 16 16 39 | 5°30'26 | 5♏42 | 3°33 | 22°31 | 24°53 | 9°56 | 3° 1 | 26°51 | 28° 8 | 17°41 | 2°49 | 4°10 | 28°56 | 17°35 | T 26 |
| W27 | 16 20 36 | 6°28'11 | 20°26 | 5°44 | 23°39 | 25°22 | 9°54 | 3° 3 | 26°51 | 28° 8 | 17°42 | 2°45 | 4° 7 | 29° 2 | 17°39 | W27 |
| T 28 | 16 24 32 | 7°25'54 | 5♐26 | 7°55 | 24°46 | 25°52 | 9°53 | 3° 6 | 26°51 | 28° 9 | 17°43 | 2°42 | 4° 4 | 29° 9 | 17°43 | T 28 |
| F 29 | 16 28 29 | 8°23'37 | 20°34 | 10° 7 | 25°53 | 26°22 | 9°51 | 3° 8 | 26°52 | 28°10 | 17°45 | 2°41 | 4° 0 | 29°16 | 17°47 | F 29 |
| S 30 | 16 32 25 | 9°21'18 | 5♑39 | 12°18 | 27° 1 | 26°51 | 9°50 | 3°11 | 26°52 | 28°10 | 17°46 | 2°D40 | 3°57 | 29°22 | 17°50 | S 30 |
| S 31 | 16 36 22 | 10♊18'58 | 20♑34 | 14♊30 | 28♈ 9 | 27♌21 | 9♎49 | 3♍14 | 26°R52 | 28♌11 | 17♋47 | 2♑41 | 3♑54 | 29♊29 | 17♉54 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 15n11 | 24s 3 | 1s55 | 4n12 | 2s45 | 2s24 | 0s36 | 18n43 | 2n 7 | 3s10 | 1n32 | 12n 7 | 1n42 | 13s19 | 0s43 | 12n30 | 0n24 | 20n 1 | 2s16 | 23s20 | 23s16 | 24n10 | 14n50 | 1s48 | F 1 |
| S 2 | 15 29 | 23 59 | 0 38 | 4 47 | 2 44 | 2 3 | 0 41 | 18 34 | 2 5 | 3 8 | 1 32 | 12 7 | 1 42 | 13 19 | 0 43 | 12 30 | 0 24 | 20 1 | 2 16 | 23 20 | 23 16 | 24 9 | 14 52 | 1 48 | S 2 |
| S 3 | 15 47 | 22 15 | 0n40 | 5 23 | 2 42 | 1 42 | 0 46 | 18 26 | 2 4 | 3 6 | 1 31 | 12 7 | 1 42 | 13 19 | 0 43 | 12 30 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 9 | 14 53 | 1 48 | S 3 |
| M 4 | 16 4 | 19 7 | 1 55 | 5 59 | 2 40 | 1 21 | 0 50 | 18 17 | 2 2 | 3 4 | 1 31 | 12 7 | 1 42 | 13 18 | 0 43 | 12 30 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 8 | 14 54 | 1 48 | M 4 |
| T 5 | 16 21 | 14 55 | 3 1 | 6 37 | 2 37 | 1 0 | 0 55 | 18 9 | 2 1 | 3 2 | 1 31 | 12 7 | 1 42 | 13 18 | 0 43 | 12 30 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 7 | 14 55 | 1 48 | T 5 |
| W 6 | 16 38 | 10 1 | 3 55 | 7 16 | 2 34 | 0 39 | 0 59 | 18 0 | 2 0 | 3 0 | 1 31 | 12 7 | 1 42 | 13 17 | 0 43 | 12 30 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 6 | 14 56 | 1 48 | W 6 |
| T 7 | 16 55 | 4 44 | 4 35 | 7 55 | 2 30 | 0 17 | 1 3 | 17 51 | 1 58 | 2 58 | 1 31 | 12 7 | 1 41 | 13 17 | 0 43 | 12 31 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 6 | 14 57 | 1 49 | T 7 |
| F 8 | 17 11 | 0n39 | 5 0 | 8 35 | 2 25 | 0n 5 | 1 7 | 17 42 | 1 57 | 2 57 | 1 31 | 12 6 | 1 41 | 13 17 | 0 43 | 12 31 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 5 | 14 58 | 1 49 | F 8 |
| S 9 | 17 27 | 5 54 | 5 9 | 9 15 | 2 20 | 0 26 | 1 11 | 17 32 | 1 56 | 2 55 | 1 30 | 12 6 | 1 41 | 13 16 | 0 43 | 12 31 | 0 24 | 20 1 | 2 16 | 23 20 | 23 17 | 24 4 | 14 59 | 1 49 | S 9 |
| S 10 | 17 43 | 10 49 | 5 2 | 9 57 | 2 15 | 0 49 | 1 15 | 17 23 | 1 54 | 2 53 | 1 30 | 12 6 | 1 41 | 13 16 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 20 | 23 17 | 24 4 | 15 0 | 1 49 | S 10 |
| M11 | 17 58 | 15 12 | 4 40 | 10 38 | 2 9 | 1 11 | 1 18 | 17 14 | 1 53 | 2 52 | 1 30 | 12 5 | 1 41 | 13 16 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 24 3 | 15 1 | 1 49 | M11 |
| T 12 | 18 13 | 18 52 | 4 6 | 11 20 | 2 2 | 1 33 | 1 22 | 17 4 | 1 52 | 2 50 | 1 30 | 12 5 | 1 41 | 13 15 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 24 2 | 15 2 | 1 49 | T 12 |
| W13 | 18 28 | 21 40 | 3 21 | 12 3 | 1 56 | 1 56 | 1 25 | 16 55 | 1 50 | 2 49 | 1 30 | 12 5 | 1 41 | 13 15 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 24 1 | 15 3 | 1 49 | W13 |
| T 14 | 18 43 | 23 28 | 2 27 | 12 45 | 1 48 | 2 18 | 1 28 | 16 45 | 1 49 | 2 47 | 1 29 | 12 4 | 1 41 | 13 15 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 24 1 | 15 4 | 1 49 | T 14 |
| F 15 | 18 57 | 24 10 | 1 27 | 13 28 | 1 40 | 2 41 | 1 32 | 16 35 | 1 48 | 2 46 | 1 29 | 12 3 | 1 41 | 13 15 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 24 0 | 15 5 | 1 49 | F 15 |
| S 16 | 19 11 | 23 46 | 0 24 | 14 11 | 1 32 | 3 4 | 1 35 | 16 25 | 1 47 | 2 45 | 1 29 | 12 3 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 23 59 | 15 6 | 1 49 | S 16 |
| S 17 | 19 24 | 22 19 | 0s40 | 14 54 | 1 23 | 3 27 | 1 37 | 16 15 | 1 45 | 2 43 | 1 29 | 12 2 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 23 58 | 15 7 | 1 49 | S 17 |
| M18 | 19 37 | 19 53 | 1 43 | 15 37 | 1 14 | 3 50 | 1 40 | 16 5 | 1 44 | 2 42 | 1 29 | 12 2 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 23 58 | 15 8 | 1 50 | M18 |
| T 19 | 19 50 | 16 35 | 2 42 | 16 19 | 1 5 | 4 13 | 1 43 | 15 55 | 1 43 | 2 41 | 1 28 | 12 1 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 15 | 23 21 | 23 18 | 23 57 | 15 9 | 1 50 | T 19 |
| W20 | 20 3 | 12 34 | 3 34 | 17 1 | 0 55 | 4 36 | 1 45 | 15 45 | 1 42 | 2 40 | 1 28 | 12 0 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 14 | 23 21 | 23 19 | 23 56 | 15 10 | 1 50 | W20 |
| T 21 | 20 15 | 7 59 | 4 18 | 17 43 | 0 45 | 4 59 | 1 48 | 15 34 | 1 40 | 2 39 | 1 28 | 12 0 | 1 40 | 13 14 | 0 43 | 12 30 | 0 24 | 20 1 | 2 14 | 23 21 | 23 19 | 23 55 | 15 11 | 1 50 | T 21 |
| F 22 | 20 27 | 2 57 | 4 51 | 18 24 | 0 35 | 5 22 | 1 50 | 15 24 | 1 39 | 2 39 | 1 28 | 11 59 | 1 40 | 13 13 | 0 43 | 12 29 | 0 24 | 20 1 | 2 14 | 23 21 | 23 19 | 23 54 | 15 12 | 1 50 | F 22 |
| S 23 | 20 38 | 2s21 | 5 10 | 19 3 | 0 25 | 5 45 | 1 52 | 15 13 | 1 38 | 2 38 | 1 27 | 11 58 | 1 40 | 13 13 | 0 43 | 12 29 | 0 24 | 20 1 | 2 14 | 23 21 | 23 19 | 23 54 | 15 13 | 1 50 | S 23 |
| S 24 | 20 49 | 7 43 | 5 13 | 19 42 | 0 14 | 6 9 | 1 54 | 15 3 | 1 37 | 2 37 | 1 27 | 11 57 | 1 40 | 13 13 | 0 43 | 12 29 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 53 | 15 14 | 1 50 | S 24 |
| M25 | 21 0 | 12 54 | 4 58 | 20 20 | 0 4 | 6 32 | 1 56 | 14 52 | 1 36 | 2 36 | 1 27 | 11 56 | 1 40 | 13 13 | 0 44 | 12 29 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 52 | 15 15 | 1 50 | M25 |
| T 26 | 21 10 | 17 32 | 4 24 | 20 55 | 0n 7 | 6 55 | 1 58 | 14 41 | 1 34 | 2 36 | 1 27 | 11 55 | 1 39 | 13 13 | 0 44 | 12 29 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 51 | 15 16 | 1 50 | T 26 |
| W27 | 21 20 | 21 13 | 3 32 | 21 30 | 0 17 | 7 18 | 2 0 | 14 30 | 1 33 | 2 35 | 1 26 | 11 54 | 1 39 | 13 13 | 0 44 | 12 28 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 50 | 15 17 | 1 50 | W27 |
| T 28 | 21 30 | 23 32 | 2 24 | 22 2 | 0 28 | 7 41 | 2 1 | 14 19 | 1 32 | 2 35 | 1 26 | 11 53 | 1 39 | 13 13 | 0 44 | 12 28 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 49 | 15 18 | 1 51 | T 28 |
| F 29 | 21 39 | 24 9 | 1 6 | 22 32 | 0 38 | 8 4 | 2 3 | 14 8 | 1 31 | 2 35 | 1 26 | 11 52 | 1 39 | 13 13 | 0 44 | 12 28 | 0 24 | 20 0 | 2 14 | 23 21 | 23 19 | 23 49 | 15 19 | 1 51 | F 29 |
| S 30 | 21 48 | 22 59 | 0n16 | 23 0 | 0 48 | 8 27 | 2 4 | 13 57 | 1 30 | 2 34 | 1 26 | 11 51 | 1 39 | 13 13 | 0 44 | 12 28 | 0 24 | 20 0 | 2 14 | 23 21 | 23 20 | 23 48 | 15 20 | 1 51 | S 30 |
| S 31 | 21n57 | 20s13 | 1n37 | 23n26 | 0n57 | 8n50 | 2s 5 | 13n45 | 1n29 | 2s34 | 1n25 | 11n50 | 1n39 | 13s13 | 0s44 | 12n28 | 0n24 | 20n 0 | 2s13 | 23s21 | 23s20 | 23n47 | 15n21 | 1s51 | S 31 |

Julian Day Number = 2605067.5, Delta T = 09m37s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'01, Lahiri = 29°44'02


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## JUNE 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 40 19 | 11♊16'36 | 5♒12 | 16♊40 | 29♈16 | 27♌51 | 9°R48 | 3♍17 | 26°R52 | 28♌12 | 17♋48 | 2♑42 | 3♑51 | 29♊36 | 17♉58 | M 1 |
| T 2 | 16 44 15 | 12°14'14 | 19°28 | 18°50 | 0♉24 | 28°22 | 9♎47 | 3°19 | 26♒52 | 28°13 | 17°50 | 2°44 | 3°48 | 29°42 | 18° 2 | T 2 |
| W 3 | 16 48 12 | 13°11'51 | 3♓21 | 20°59 | 1°32 | 28°52 | 9°47 | 3°23 | 26°51 | 28°13 | 17°51 | 2°44 | 3°45 | 29°49 | 18° 6 | W 3 |
| T 4 | 16 52 8 | 14° 9'27 | 16°51 | 23° 6 | 2°40 | 29°23 | 9°46 | 3°26 | 26°51 | 28°14 | 17°52 | 2°R45 | 3°41 | 29°56 | 18° 9 | T 4 |
| F 5 | 16 56 5 | 15° 7'02 | 29°59 | 25°12 | 3°49 | 29°53 | 9°46 | 3°29 | 26°51 | 28°15 | 17°53 | 2°44 | 3°38 | 0♋ 2 | 18°13 | F 5 |
| S 6 | 17 0 1 | 16° 4'36 | 12♈49 | 27°16 | 4°57 | 0♍24 | 9°D46 | 3°32 | 26°51 | 28°16 | 17°55 | 2°43 | 3°35 | 0° 9 | 18°17 | S 6 |
| S 7 | 17 3 58 | 17° 2'10 | 25°21 | 29°18 | 6° 5 | 0°55 | 9°46 | 3°36 | 26°51 | 28°17 | 17°56 | 2°41 | 3°32 | 0°15 | 18°20 | S 7 |
| M 8 | 17 7 54 | 17°59'42 | 7♉40 | 1♋18 | 7°14 | 1°26 | 9°47 | 3°39 | 26°50 | 28°18 | 17°57 | 2°39 | 3°29 | 0°22 | 18°24 | M 8 |
| T 9 | 17 11 51 | 18°57'14 | 19°48 | 3°15 | 8°22 | 1°57 | 9°47 | 3°43 | 26°50 | 28°19 | 17°59 | 2°37 | 3°26 | 0°29 | 18°28 | T 9 |
| W10 | 17 15 48 | 19°54'45 | 1♊47 | 5°10 | 9°31 | 2°29 | 9°48 | 3°47 | 26°49 | 28°20 | 18° 0 | 2°35 | 3°22 | 0°35 | 18°31 | W10 |
| T 11 | 17 19 44 | 20°52'15 | 13°40 | 7° 3 | 10°40 | 3° 0 | 9°49 | 3°50 | 26°49 | 28°21 | 18° 2 | 2°34 | 3°19 | 0°42 | 18°35 | T 11 |
| F 12 | 17 23 41 | 21°49'44 | 25°29 | 8°54 | 11°49 | 3°32 | 9°50 | 3°54 | 26°48 | 28°22 | 18° 3 | 2°33 | 3°16 | 0°49 | 18°38 | F 12 |
| S 13 | 17 27 37 | 22°47'13 | 7♋16 | 10°41 | 12°58 | 4° 4 | 9°51 | 3°58 | 26°48 | 28°23 | 18° 4 | 2°D33 | 3°13 | 0°55 | 18°42 | S 13 |
| S 14 | 17 31 34 | 23°44'40 | 19° 3 | 12°27 | 14° 7 | 4°35 | 9°52 | 4° 2 | 26°47 | 28°24 | 18° 6 | 2°33 | 3°10 | 1° 2 | 18°45 | S 14 |
| M15 | 17 35 30 | 24°42'06 | 0♌54 | 14° 9 | 15°16 | 5° 7 | 9°54 | 4° 6 | 26°46 | 28°25 | 18° 7 | 2°34 | 3° 6 | 1° 9 | 18°49 | M15 |
| T 16 | 17 39 27 | 25°39'31 | 12°50 | 15°49 | 16°25 | 5°40 | 9°56 | 4°11 | 26°46 | 28°27 | 18° 9 | 2°35 | 3° 3 | 1°15 | 18°52 | T 16 |
| W17 | 17 43 23 | 26°36'56 | 24°57 | 17°26 | 17°34 | 6°12 | 9°58 | 4°15 | 26°45 | 28°28 | 18°10 | 2°35 | 3° 0 | 1°22 | 18°56 | W17 |
| T 18 | 17 47 20 | 27°34'19 | 7♍16 | 19° 1 | 18°44 | 6°44 | 10° 0 | 4°19 | 26°44 | 28°29 | 18°11 | 2°36 | 2°57 | 1°29 | 18°59 | T 18 |
| F 19 | 17 51 17 | 28°31'41 | 19°52 | 20°33 | 19°53 | 7°16 | 10° 2 | 4°24 | 26°43 | 28°30 | 18°13 | 2°36 | 2°54 | 1°35 | 19° 2 | F 19 |
| S 20 | 17 55 13 | 29°29'02 | 2♎49 | 22° 2 | 21° 2 | 7°49 | 10° 5 | 4°28 | 26°42 | 28°32 | 18°14 | 2°R36 | 2°51 | 1°42 | 19° 6 | S 20 |
| S 21 | 17 59 10 | 0♋26'22 | 16°10 | 23°28 | 22°12 | 8°22 | 10° 7 | 4°33 | 26°41 | 28°33 | 18°16 | 2°36 | 2°47 | 1°48 | 19° 9 | S 21 |
| M22 | 18 3 6 | 1°23'42 | 29°57 | 24°52 | 23°21 | 8°54 | 10°10 | 4°37 | 26°40 | 28°34 | 18°17 | 2°36 | 2°44 | 1°55 | 19°12 | M22 |
| T 23 | 18 7 3 | 2°21'00 | 14♏10 | 26°13 | 24°31 | 9°27 | 10°13 | 4°42 | 26°39 | 28°36 | 18°19 | 2°D36 | 2°41 | 2° 2 | 19°15 | T 23 |
| W24 | 18 10 59 | 3°18'18 | 28°47 | 27°31 | 25°41 | 10° 0 | 10°16 | 4°47 | 26°38 | 28°37 | 18°20 | 2°36 | 2°38 | 2° 8 | 19°18 | W24 |
| T 25 | 18 14 56 | 4°15'35 | 13♐43 | 28°46 | 26°51 | 10°33 | 10°19 | 4°52 | 26°37 | 28°39 | 18°22 | 2°36 | 2°35 | 2°15 | 19°22 | T 25 |
| F 26 | 18 18 52 | 5°12'51 | 28°52 | 29°58 | 28° 1 | 11° 6 | 10°23 | 4°57 | 26°36 | 28°40 | 18°23 | 2°R36 | 2°32 | 2°22 | 19°25 | F 26 |
| S 27 | 18 22 49 | 6°10'07 | 14♑ 4 | 1♌ 7 | 29°10 | 11°40 | 10°27 | 5° 2 | 26°35 | 28°42 | 18°25 | 2°36 | 2°28 | 2°28 | 19°28 | S 27 |
| S 28 | 18 26 46 | 7° 7'23 | 29°11 | 2°13 | 0♊20 | 12°13 | 10°30 | 5° 7 | 26°33 | 28°43 | 18°26 | 2°36 | 2°25 | 2°35 | 19°31 | S 28 |
| M29 | 18 30 42 | 8° 4'38 | 14♒ 2 | 3°15 | 1°31 | 12°46 | 10°34 | 5°12 | 26°32 | 28°45 | 18°28 | 2°35 | 2°22 | 2°42 | 19°34 | M29 |
| T 30 | 18 34 39 | 9♋ 1'53 | 28♒32 | 4♌15 | 2♊41 | 13♍20 | 10♎38 | 5♍18 | 26♒31 | 28♌46 | 18♋29 | 2♑35 | 2♑19 | 2♋48 | 19♉37 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 5 | 16s11 | 2n50 | 23n49 | 1n 6 | 9n13 | 2s 7 | 13n34 | 1n28 | 2s34 | 1n25 | 11n49 | 1n39 | 13s13 | 0s44 | 12n27 | 0n24 | 20n 0 | 2s13 | 23s21 | 23s20 | 23n46 | 15n22 | 1s51 |
| T 2 | 22 13 | 11 18 | 3 50 | 24 9 | 1 15 | 9 36 | 2 8 | 13 22 | 1 27 | 2 34 | 1 25 | 11 48 | 1 39 | 13 13 | 0 44 | 12 27 | 0 24 | 20 0 | 2 13 | 23 21 | 23 20 | 23 45 | 15 23 | 1 51 |
| W 3 | 22 20 | 5 58 | 4 36 | 24 27 | 1 23 | 9 58 | 2 8 | 13 11 | 1 26 | 2 34 | 1 25 | 11 47 | 1 39 | 13 13 | 0 44 | 12 27 | 0 24 | 20 0 | 2 13 | 23 21 | 23 20 | 23 44 | 15 24 | 1 51 |
| T 4 | 22 27 | 0 30 | 5 4 | 24 42 | 1 30 | 10 21 | 2 9 | 12 59 | 1 24 | 2 34 | 1 24 | 11 45 | 1 38 | 13 13 | 0 44 | 12 26 | 0 24 | 20 0 | 2 13 | 23 21 | 23 20 | 23 43 | 15 25 | 1 51 |
| F 5 | 22 33 | 4n49 | 5 16 | 24 55 | 1 37 | 10 43 | 2 10 | 12 47 | 1 23 | 2 34 | 1 24 | 11 44 | 1 38 | 13 13 | 0 44 | 12 26 | 0 24 | 20 0 | 2 13 | 23 21 | 23 20 | 23 43 | 15 26 | 1 52 |
| S 6 | 22 40 | 9 49 | 5 11 | 25 4 | 1 43 | 11 5 | 2 11 | 12 35 | 1 22 | 2 34 | 1 24 | 11 43 | 1 38 | 13 14 | 0 44 | 12 26 | 0 24 | 20 0 | 2 13 | 23 21 | 23 20 | 23 42 | 15 27 | 1 52 |
| S 7 | 22 45 | 14 19 | 4 52 | 25 11 | 1 48 | 11 27 | 2 11 | 12 23 | 1 21 | 2 35 | 1 24 | 11 41 | 1 38 | 13 14 | 0 44 | 12 25 | 0 24 | 19 59 | 2 13 | 23 21 | 23 20 | 23 41 | 15 27 | 1 52 |
| M 8 | 22 51 | 18 7 | 4 19 | 25 16 | 1 53 | 11 49 | 2 11 | 12 11 | 1 20 | 2 35 | 1 23 | 11 40 | 1 38 | 13 14 | 0 44 | 12 25 | 0 24 | 19 59 | 2 13 | 23 21 | 23 20 | 23 40 | 15 28 | 1 52 |
| T 9 | 22 56 | 21 6 | 3 35 | 25 18 | 1 57 | 12 11 | 2 12 | 11 59 | 1 19 | 2 35 | 1 23 | 11 39 | 1 38 | 13 14 | 0 44 | 12 25 | 0 24 | 19 59 | 2 13 | 23 22 | 23 20 | 23 39 | 15 29 | 1 52 |
| W10 | 23 0 | 23 7 | 2 42 | 25 17 | 2 0 | 12 33 | 2 12 | 11 47 | 1 18 | 2 36 | 1 23 | 11 37 | 1 38 | 13 14 | 0 44 | 12 24 | 0 24 | 19 59 | 2 13 | 23 22 | 23 21 | 23 38 | 15 30 | 1 52 |
| T 11 | 23 4 | 24 5 | 1 43 | 25 14 | 2 2 | 12 54 | 2 12 | 11 35 | 1 17 | 2 37 | 1 23 | 11 36 | 1 38 | 13 14 | 0 44 | 12 24 | 0 24 | 19 59 | 2 13 | 23 22 | 23 21 | 23 37 | 15 31 | 1 52 |
| F 12 | 23 8 | 23 58 | 0 39 | 25 9 | 2 4 | 13 15 | 2 12 | 11 22 | 1 16 | 2 37 | 1 22 | 11 34 | 1 38 | 13 15 | 0 44 | 12 24 | 0 24 | 19 59 | 2 12 | 23 22 | 23 21 | 23 36 | 15 32 | 1 53 |
| S 13 | 23 11 | 22 45 | 0s26 | 25 2 | 2 5 | 13 36 | 2 12 | 11 10 | 1 15 | 2 38 | 1 22 | 11 33 | 1 38 | 13 15 | 0 44 | 12 23 | 0 24 | 19 59 | 2 12 | 23 22 | 23 21 | 23 35 | 15 32 | 1 53 |
| S 14 | 23 14 | 20 32 | 1 30 | 24 52 | 2 5 | 13 57 | 2 12 | 10 57 | 1 14 | 2 39 | 1 22 | 11 31 | 1 37 | 13 15 | 0 44 | 12 23 | 0 24 | 19 59 | 2 12 | 23 22 | 23 21 | 23 34 | 15 33 | 1 53 |
| M15 | 23 17 | 17 27 | 2 31 | 24 41 | 2 4 | 14 17 | 2 11 | 10 45 | 1 13 | 2 40 | 1 22 | 11 30 | 1 37 | 13 15 | 0 44 | 12 22 | 0 24 | 19 59 | 2 12 | 23 22 | 23 21 | 23 33 | 15 34 | 1 53 |
| T 16 | 23 19 | 13 38 | 3 26 | 24 28 | 2 2 | 14 37 | 2 11 | 10 32 | 1 12 | 2 41 | 1 21 | 11 28 | 1 37 | 13 16 | 0 44 | 12 22 | 0 24 | 19 59 | 2 12 | 23 22 | 23 21 | 23 32 | 15 35 | 1 53 |
| W17 | 23 20 | 9 13 | 4 12 | 24 14 | 2 0 | 14 57 | 2 10 | 10 19 | 1 11 | 2 41 | 1 21 | 11 26 | 1 37 | 13 16 | 0 44 | 12 22 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 31 | 15 36 | 1 53 |
| T 18 | 23 22 | 4 22 | 4 47 | 23 58 | 1 57 | 15 16 | 2 10 | 10 6 | 1 10 | 2 43 | 1 21 | 11 25 | 1 37 | 13 16 | 0 44 | 12 21 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 31 | 15 36 | 1 53 |
| F 19 | 23 23 | 0s45 | 5 10 | 23 41 | 1 53 | 15 36 | 2 9 | 9 53 | 1 9 | 2 44 | 1 21 | 11 23 | 1 37 | 13 17 | 0 44 | 12 21 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 30 | 15 37 | 1 54 |
| S 20 | 23 23 | 5 59 | 5 18 | 23 23 | 1 49 | 15 55 | 2 8 | 9 40 | 1 8 | 2 45 | 1 20 | 11 21 | 1 37 | 13 17 | 0 45 | 12 20 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 29 | 15 38 | 1 54 |
| S 21 | 23 23 | 11 6 | 5 9 | 23 3 | 1 44 | 16 13 | 2 8 | 9 27 | 1 7 | 2 46 | 1 20 | 11 20 | 1 37 | 13 17 | 0 45 | 12 20 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 28 | 15 39 | 1 54 |
| M22 | 23 23 | 15 50 | 4 43 | 22 43 | 1 38 | 16 32 | 2 7 | 9 14 | 1 6 | 2 47 | 1 20 | 11 18 | 1 37 | 13 18 | 0 45 | 12 19 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 27 | 15 39 | 1 54 |
| T 23 | 23 22 | 19 50 | 3 58 | 22 21 | 1 31 | 16 49 | 2 6 | 9 1 | 1 5 | 2 49 | 1 20 | 11 16 | 1 37 | 13 18 | 0 45 | 12 19 | 0 24 | 19 58 | 2 12 | 23 22 | 23 21 | 23 26 | 15 40 | 1 54 |
| W24 | 23 21 | 22 43 | 2 57 | 21 59 | 1 24 | 17 7 | 2 5 | 8 47 | 1 4 | 2 50 | 1 19 | 11 14 | 1 37 | 13 19 | 0 45 | 12 18 | 0 24 | 19 58 | 2 12 | 23 22 | 23 22 | 23 25 | 15 41 | 1 54 |
| T 25 | 23 19 | 24 6 | 1 43 | 21 36 | 1 16 | 17 24 | 2 3 | 8 34 | 1 3 | 2 52 | 1 19 | 11 12 | 1 37 | 13 19 | 0 45 | 12 18 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 24 | 15 41 | 1 55 |
| F 26 | 23 17 | 23 44 | 0 21 | 21 13 | 1 8 | 17 41 | 2 2 | 8 21 | 1 2 | 2 53 | 1 19 | 11 10 | 1 36 | 13 19 | 0 45 | 12 17 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 23 | 15 42 | 1 55 |
| S 27 | 23 14 | 21 36 | 1n 3 | 20 49 | 0 59 | 17 58 | 2 1 | 8 7 | 1 1 | 2 55 | 1 19 | 11 8 | 1 36 | 13 20 | 0 45 | 12 17 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 22 | 15 43 | 1 55 |
| S 28 | 23 12 | 17 57 | 2 22 | 20 25 | 0 49 | 18 14 | 1 59 | 7 54 | 1 0 | 2 57 | 1 18 | 11 6 | 1 36 | 13 20 | 0 45 | 12 16 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 21 | 15 43 | 1 55 |
| M29 | 23 8 | 13 13 | 3 31 | 20 1 | 0 39 | 18 29 | 1 58 | 7 40 | 1 0 | 2 59 | 1 18 | 11 4 | 1 36 | 13 21 | 0 45 | 12 16 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 20 | 15 44 | 1 55 |
| T 30 | 23n 5 | 7s50 | 4n23 | 19n36 | 0n28 | 18n45 | 1s56 | 7n26 | 0n59 | 3s 0 | 1n18 | 11n 2 | 1n36 | 13s21 | 0s45 | 12n15 | 0n24 | 19n57 | 2s11 | 23s22 | 23s22 | 23n19 | 15n45 | 1s55 |

Julian Day Number = 2605098.5, Delta T = 09m38s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'05, Lahiri = 29°44'06


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## JULY 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 38 35 | 9♋59'07 | 12♓36 | 5♌11 | 3♊51 | 13♍54 | 10♎43 | 5♍23 | 26°R29 | 28♌48 | 18♋31 | 2°R34 | 2♑16 | 2♋55 | 19♉40 | W 1 |
| T 2 | 18 42 32 | 10°56'22 | 26°13 | 6° 4 | 5° 1 | 14°27 | 10°47 | 5°28 | 26♒28 | 28°49 | 18°32 | 2♑33 | 2°12 | 3° 2 | 19°42 | T 2 |
| F 3 | 18 46 28 | 11°53'36 | 9♈25 | 6°53 | 6°11 | 15° 1 | 10°52 | 5°34 | 26°26 | 28°51 | 18°34 | 2°D33 | 2° 9 | 3° 8 | 19°45 | F 3 |
| S 4 | 18 50 25 | 12°50'51 | 22°12 | 7°39 | 7°22 | 15°35 | 10°57 | 5°39 | 26°25 | 28°53 | 18°35 | 2°33 | 2° 6 | 3°15 | 19°48 | S 4 |
| S 5 | 18 54 21 | 13°48'05 | 4♉40 | 8°21 | 8°32 | 16° 9 | 11° 1 | 5°45 | 26°23 | 28°54 | 18°37 | 2°34 | 2° 3 | 3°22 | 19°51 | S 5 |
| M 6 | 18 58 18 | 14°45'20 | 16°52 | 8°59 | 9°43 | 16°43 | 11° 6 | 5°51 | 26°22 | 28°56 | 18°38 | 2°35 | 2° 0 | 3°28 | 19°54 | M 6 |
| T 7 | 19 2 15 | 15°42'34 | 28°52 | 9°33 | 10°53 | 17°17 | 11°12 | 5°56 | 26°20 | 28°58 | 18°40 | 2°36 | 1°57 | 3°35 | 19°56 | T 7 |
| W 8 | 19 6 11 | 16°39'49 | 10♊45 | 10° 3 | 12° 4 | 17°52 | 11°17 | 6° 2 | 26°19 | 28°59 | 18°41 | 2°37 | 1°53 | 3°41 | 19°59 | W 8 |
| T 9 | 19 10 8 | 17°37'04 | 22°33 | 10°29 | 13°15 | 18°26 | 11°23 | 6° 8 | 26°17 | 29° 1 | 18°43 | 2°38 | 1°50 | 3°48 | 20° 1 | T 9 |
| F 10 | 19 14 4 | 18°34'19 | 4♋19 | 10°50 | 14°25 | 19° 1 | 11°28 | 6°14 | 26°15 | 29° 3 | 18°44 | 2°R38 | 1°47 | 3°55 | 20° 4 | F 10 |
| S 11 | 19 18 1 | 19°31'34 | 16° 7 | 11° 7 | 15°36 | 19°35 | 11°34 | 6°20 | 26°13 | 29° 5 | 18°46 | 2°38 | 1°44 | 4° 1 | 20° 6 | S 11 |
| S 12 | 19 21 57 | 20°28'49 | 27°59 | 11°20 | 16°47 | 20°10 | 11°40 | 6°26 | 26°12 | 29° 7 | 18°47 | 2°36 | 1°41 | 4° 8 | 20° 9 | S 12 |
| M13 | 19 25 54 | 21°26'03 | 9♌56 | 11°27 | 17°58 | 20°45 | 11°46 | 6°32 | 26°10 | 29° 8 | 18°49 | 2°34 | 1°38 | 4°15 | 20°11 | M13 |
| T 14 | 19 29 50 | 22°23'18 | 22° 2 | 11°R30 | 19° 9 | 21°19 | 11°52 | 6°38 | 26° 8 | 29°10 | 18°50 | 2°31 | 1°34 | 4°21 | 20°14 | T 14 |
| W15 | 19 33 47 | 23°20'33 | 4♍17 | 11°29 | 20°20 | 21°54 | 11°59 | 6°44 | 26° 6 | 29°12 | 18°52 | 2°28 | 1°31 | 4°28 | 20°16 | W15 |
| T 16 | 19 37 44 | 24°17'47 | 16°45 | 11°22 | 21°31 | 22°29 | 12° 5 | 6°51 | 26° 4 | 29°14 | 18°53 | 2°25 | 1°28 | 4°35 | 20°18 | T 16 |
| F 17 | 19 41 40 | 25°15'02 | 29°26 | 11°11 | 22°42 | 23° 4 | 12°12 | 6°57 | 26° 2 | 29°16 | 18°55 | 2°22 | 1°25 | 4°41 | 20°20 | F 17 |
| S 18 | 19 45 37 | 26°12'16 | 12♎25 | 10°56 | 23°53 | 23°40 | 12°18 | 7° 3 | 26° 0 | 29°18 | 18°56 | 2°21 | 1°22 | 4°48 | 20°23 | S 18 |
| S 19 | 19 49 33 | 27° 9'30 | 25°43 | 10°36 | 25° 4 | 24°15 | 12°25 | 7°10 | 25°58 | 29°20 | 18°58 | 2°D20 | 1°18 | 4°55 | 20°25 | S 19 |
| M20 | 19 53 30 | 28° 6'45 | 9♏21 | 10°12 | 26°16 | 24°50 | 12°32 | 7°16 | 25°56 | 29°22 | 18°59 | 2°20 | 1°15 | 5° 1 | 20°27 | M20 |
| T 21 | 19 57 26 | 29° 3'59 | 23°22 | 9°43 | 27°27 | 25°26 | 12°40 | 7°23 | 25°54 | 29°24 | 19° 1 | 2°22 | 1°12 | 5° 8 | 20°29 | T 21 |
| W22 | 20 1 23 | 0♌ 1'13 | 7♐44 | 9°12 | 28°38 | 26° 1 | 12°47 | 7°29 | 25°52 | 29°26 | 19° 2 | 2°23 | 1° 9 | 5°14 | 20°31 | W22 |
| T 23 | 20 5 19 | 0°58'28 | 22°26 | 8°37 | 29°50 | 26°37 | 12°54 | 7°36 | 25°50 | 29°28 | 19° 4 | 2°24 | 1° 6 | 5°21 | 20°33 | T 23 |
| F 24 | 20 9 16 | 1°55'42 | 7♑22 | 8° 0 | 1♋ 1 | 27°12 | 13° 2 | 7°42 | 25°48 | 29°30 | 19° 5 | 2°R24 | 1° 3 | 5°28 | 20°35 | F 24 |
| S 25 | 20 13 13 | 2°52'57 | 22°26 | 7°21 | 2°13 | 27°48 | 13° 9 | 7°49 | 25°46 | 29°32 | 19° 7 | 2°23 | 0°59 | 5°34 | 20°36 | S 25 |
| S 26 | 20 17 9 | 3°50'12 | 7♒28 | 6°40 | 3°24 | 28°24 | 13°17 | 7°56 | 25°44 | 29°34 | 19° 8 | 2°20 | 0°56 | 5°41 | 20°38 | S 26 |
| M27 | 20 21 6 | 4°47'28 | 22°21 | 5°59 | 4°36 | 29° 0 | 13°25 | 8° 3 | 25°42 | 29°36 | 19°10 | 2°17 | 0°53 | 5°48 | 20°40 | M27 |
| T 28 | 20 25 2 | 5°44'44 | 6♓56 | 5°17 | 5°48 | 29°36 | 13°33 | 8° 9 | 25°40 | 29°38 | 19°11 | 2°12 | 0°50 | 5°54 | 20°41 | T 28 |
| W29 | 20 28 59 | 6°42'01 | 21° 7 | 4°37 | 6°59 | 0♎12 | 13°41 | 8°16 | 25°37 | 29°40 | 19°13 | 2° 7 | 0°47 | 6° 1 | 20°43 | W29 |
| T 30 | 20 32 55 | 7°39'18 | 4♈51 | 3°58 | 8°11 | 0°48 | 13°50 | 8°23 | 25°35 | 29°42 | 19°14 | 2° 3 | 0°44 | 6° 8 | 20°45 | T 30 |
| F 31 | 20 36 52 | 8♌36'37 | 18♈ 8 | 3♌21 | 9♋23 | 1♎24 | 13♎58 | 8♍30 | 25♒33 | 29♌44 | 19♋16 | 1♑59 | 0♑40 | 6♋14 | 20♉46 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n 1 | 2s13 | 4n59 | 19n12 | 0n17 | 19n 0 | 1s55 | 7n13 | 0n58 | 3s 2 | 1n18 | 11n 0 | 1n36 | 13s22 | 0s45 | 12n15 | 0n24 | 19n57 | 2s11 | 23s22 | 23s22 | 23n18 | 15n45 | 1s56 |
| T 2 | 22 56 | 3n20 | 5 16 | 18 47 | 0 5 | 19 14 | 1 53 | 6 59 | 0 57 | 3 4 | 1 18 | 10 58 | 1 36 | 13 22 | 0 45 | 12 14 | 0 24 | 19 57 | 2 11 | 23 22 | 23 22 | 23 17 | 15 46 | 1 56 |
| F 3 | 22 51 | 8 33 | 5 15 | 18 23 | 0s 8 | 19 28 | 1 51 | 6 45 | 0 56 | 3 6 | 1 17 | 10 56 | 1 36 | 13 23 | 0 45 | 12 14 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 16 | 15 46 | 1 56 |
| S 4 | 22 46 | 13 15 | 4 59 | 17 59 | 0 21 | 19 41 | 1 50 | 6 31 | 0 55 | 3 8 | 1 17 | 10 54 | 1 36 | 13 23 | 0 45 | 12 13 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 15 | 15 47 | 1 56 |
| S 5 | 22 40 | 17 16 | 4 29 | 17 35 | 0 34 | 19 54 | 1 48 | 6 17 | 0 54 | 3 10 | 1 17 | 10 52 | 1 36 | 13 24 | 0 45 | 12 12 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 13 | 15 48 | 1 56 |
| M 6 | 22 34 | 20 28 | 3 48 | 17 12 | 0 48 | 20 7 | 1 46 | 6 3 | 0 53 | 3 13 | 1 17 | 10 50 | 1 36 | 13 24 | 0 45 | 12 12 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 12 | 15 48 | 1 56 |
| T 7 | 22 28 | 22 44 | 2 57 | 16 50 | 1 2 | 20 19 | 1 44 | 5 49 | 0 52 | 3 15 | 1 16 | 10 48 | 1 36 | 13 25 | 0 45 | 12 11 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 11 | 15 49 | 1 57 |
| W 8 | 22 21 | 23 58 | 1 58 | 16 28 | 1 16 | 20 30 | 1 42 | 5 35 | 0 51 | 3 17 | 1 16 | 10 46 | 1 36 | 13 26 | 0 45 | 12 11 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 10 | 15 49 | 1 57 |
| T 9 | 22 14 | 24 6 | 0 56 | 16 7 | 1 31 | 20 41 | 1 40 | 5 20 | 0 51 | 3 20 | 1 16 | 10 43 | 1 36 | 13 26 | 0 45 | 12 10 | 0 24 | 19 56 | 2 11 | 23 22 | 23 22 | 23 9 | 15 50 | 1 57 |
| F 10 | 22 6 | 23 10 | 0s 9 | 15 46 | 1 46 | 20 52 | 1 37 | 5 6 | 0 50 | 3 22 | 1 16 | 10 41 | 1 36 | 13 27 | 0 45 | 12 9 | 0 24 | 19 55 | 2 11 | 23 21 | 23 22 | 23 8 | 15 50 | 1 57 |
| S 11 | 21 58 | 21 11 | 1 14 | 15 27 | 2 1 | 21 2 | 1 35 | 4 52 | 0 49 | 3 24 | 1 15 | 10 39 | 1 36 | 13 27 | 0 45 | 12 9 | 0 24 | 19 55 | 2 10 | 23 22 | 23 22 | 23 7 | 15 51 | 1 57 |
| S 12 | 21 50 | 18 18 | 2 16 | 15 9 | 2 16 | 21 11 | 1 33 | 4 37 | 0 48 | 3 27 | 1 15 | 10 37 | 1 35 | 13 28 | 0 45 | 12 8 | 0 24 | 19 55 | 2 10 | 23 22 | 23 22 | 23 6 | 15 51 | 1 57 |
| M13 | 21 41 | 14 38 | 3 12 | 14 53 | 2 32 | 21 20 | 1 31 | 4 23 | 0 47 | 3 29 | 1 15 | 10 34 | 1 35 | 13 29 | 0 45 | 12 8 | 0 24 | 19 55 | 2 10 | 23 22 | 23 22 | 23 5 | 15 52 | 1 58 |
| T 14 | 21 32 | 10 21 | 4 0 | 14 37 | 2 47 | 21 29 | 1 28 | 4 8 | 0 46 | 3 32 | 1 15 | 10 32 | 1 35 | 13 29 | 0 45 | 12 7 | 0 24 | 19 55 | 2 10 | 23 22 | 23 23 | 23 4 | 15 52 | 1 58 |
| W15 | 21 22 | 5 36 | 4 38 | 14 23 | 3 2 | 21 36 | 1 26 | 3 54 | 0 45 | 3 35 | 1 15 | 10 30 | 1 35 | 13 30 | 0 45 | 12 6 | 0 24 | 19 55 | 2 10 | 23 22 | 23 23 | 23 3 | 15 53 | 1 58 |
| T 16 | 21 12 | 0 34 | 5 3 | 14 11 | 3 16 | 21 44 | 1 23 | 3 39 | 0 45 | 3 37 | 1 14 | 10 27 | 1 35 | 13 31 | 0 45 | 12 6 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 23 2 | 15 53 | 1 58 |
| F 17 | 21 2 | 4s35 | 5 14 | 14 0 | 3 31 | 21 50 | 1 21 | 3 25 | 0 44 | 3 40 | 1 14 | 10 25 | 1 35 | 13 31 | 0 45 | 12 5 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 23 0 | 15 53 | 1 58 |
| S 18 | 20 52 | 9 39 | 5 10 | 13 51 | 3 44 | 21 56 | 1 18 | 3 10 | 0 43 | 3 43 | 1 14 | 10 22 | 1 35 | 13 32 | 0 45 | 12 4 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 22 59 | 15 54 | 1 59 |
| S 19 | 20 41 | 14 24 | 4 49 | 13 44 | 3 57 | 22 2 | 1 16 | 2 55 | 0 42 | 3 46 | 1 14 | 10 20 | 1 35 | 13 33 | 0 45 | 12 4 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 22 58 | 15 54 | 1 59 |
| M20 | 20 30 | 18 33 | 4 12 | 13 39 | 4 9 | 22 7 | 1 13 | 2 41 | 0 41 | 3 49 | 1 14 | 10 18 | 1 35 | 13 33 | 0 45 | 12 3 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 22 57 | 15 54 | 1 59 |
| T 21 | 20 18 | 21 46 | 3 18 | 13 35 | 4 21 | 22 11 | 1 11 | 2 26 | 0 40 | 3 52 | 1 13 | 10 15 | 1 35 | 13 34 | 0 45 | 12 2 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 22 56 | 15 55 | 1 59 |
| W22 | 20 6 | 23 43 | 2 11 | 13 34 | 4 31 | 22 15 | 1 8 | 2 11 | 0 40 | 3 55 | 1 13 | 10 13 | 1 35 | 13 35 | 0 45 | 12 2 | 0 24 | 19 54 | 2 10 | 23 22 | 23 23 | 22 55 | 15 55 | 1 59 |
| T 23 | 19 54 | 24 5 | 0 55 | 13 34 | 4 39 | 22 18 | 1 5 | 1 56 | 0 39 | 3 58 | 1 13 | 10 10 | 1 35 | 13 35 | 0 45 | 12 1 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 54 | 15 55 | 2 0 |
| F 24 | 19 41 | 22 44 | 0n27 | 13 36 | 4 47 | 22 20 | 1 3 | 1 41 | 0 38 | 4 1 | 1 13 | 10 8 | 1 35 | 13 36 | 0 45 | 12 0 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 52 | 15 56 | 2 0 |
| S 25 | 19 28 | 19 45 | 1 48 | 13 40 | 4 53 | 22 22 | 1 0 | 1 26 | 0 37 | 4 4 | 1 12 | 10 5 | 1 35 | 13 37 | 0 46 | 12 0 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 51 | 15 56 | 2 0 |
| S 26 | 19 15 | 15 27 | 3 0 | 13 46 | 4 57 | 22 23 | 0 57 | 1 11 | 0 36 | 4 7 | 1 12 | 10 3 | 1 35 | 13 38 | 0 46 | 11 59 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 50 | 15 56 | 2 0 |
| M27 | 19 1 | 10 15 | 4 0 | 13 53 | 5 0 | 22 24 | 0 54 | 0 57 | 0 36 | 4 11 | 1 12 | 10 0 | 1 35 | 13 38 | 0 46 | 11 58 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 49 | 15 56 | 2 0 |
| T 28 | 18 48 | 4 34 | 4 43 | 14 2 | 5 1 | 22 24 | 0 52 | 0 41 | 0 35 | 4 14 | 1 12 | 9 58 | 1 35 | 13 39 | 0 46 | 11 57 | 0 24 | 19 53 | 2 10 | 23 22 | 23 23 | 22 48 | 15 57 | 2 1 |
| W29 | 18 33 | 1n11 | 5 6 | 14 12 | 5 0 | 22 23 | 0 49 | 0 26 | 0 34 | 4 17 | 1 12 | 9 55 | 1 35 | 13 40 | 0 46 | 11 57 | 0 24 | 19 52 | 2 10 | 23 22 | 23 23 | 22 47 | 15 57 | 2 1 |
| T 30 | 18 19 | 6 42 | 5 12 | 14 24 | 4 58 | 22 22 | 0 46 | 0 11 | 0 33 | 4 21 | 1 12 | 9 52 | 1 35 | 13 41 | 0 46 | 11 56 | 0 24 | 19 52 | 2 10 | 23 22 | 23 23 | 22 45 | 15 57 | 2 1 |
| F 31 | 18n 4 | 11n43 | 5n 0 | 14n36 | 4s53 | 22n20 | 0s43 | 0s 4 | 0n32 | 4s24 | 1n11 | 9n50 | 1n35 | 13s41 | 0s46 | 11n55 | 0n24 | 19n52 | 2s10 | 23s22 | 23s23 | 22n44 | 15n57 | 2s 1 |

Julian Day Number = 2605128.5, Delta T = 09m38s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'09, Lahiri = 29°44'11


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## AUGUST 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 40 48 | 9♌33'56 | 0♉58 | 2°R47 | 10♋35 | 2♎ 0 | 14♎ 6 | 8♏37 | 25°R31 | 29♌46 | 19♋17 | 1°R58 | 0♑37 | 6♋21 | 20♉47 | S 1 |
| S 2 | 20 44 45 | 10°31'16 | 13°27 | 2♌17 | 11°47 | 2°37 | 14°15 | 8°44 | 25♒28 | 29°48 | 19°19 | 1°D57 | 0°34 | 6°28 | 20°49 | S 2 |
| M 3 | 20 48 42 | 11°28'37 | 25°37 | 1°50 | 12°59 | 3°13 | 14°24 | 8°51 | 25°26 | 29°50 | 19°20 | 1♑58 | 0°31 | 6°34 | 20°50 | M 3 |
| T 4 | 20 52 38 | 12°25'59 | 7♊35 | 1°29 | 14°11 | 3°49 | 14°32 | 8°58 | 25°24 | 29°52 | 19°21 | 2° 0 | 0°28 | 6°41 | 20°51 | T 4 |
| W 5 | 20 56 35 | 13°23'23 | 19°25 | 1°12 | 15°23 | 4°26 | 14°41 | 9° 5 | 25°21 | 29°55 | 19°23 | 2° 1 | 0°24 | 6°48 | 20°53 | W 5 |
| T 6 | 21 0 31 | 14°20'47 | 1♋11 | 1° 1 | 16°35 | 5° 3 | 14°50 | 9°12 | 25°19 | 29°57 | 19°24 | 2°R 2 | 0°21 | 6°54 | 20°54 | T 6 |
| F 7 | 21 4 28 | 15°18'12 | 12°59 | 0°D56 | 17°47 | 5°39 | 14°59 | 9°20 | 25°17 | 29°59 | 19°26 | 2° 1 | 0°18 | 7° 1 | 20°55 | F 7 |
| S 8 | 21 8 24 | 16°15'38 | 24°51 | 0°57 | 18°59 | 6°16 | 15° 9 | 9°27 | 25°14 | 0♏ 1 | 19°27 | 1°58 | 0°15 | 7° 7 | 20°56 | S 8 |
| S 9 | 21 12 21 | 17°13'05 | 6♌50 | 1° 5 | 20°12 | 6°53 | 15°18 | 9°34 | 25°12 | 0° 3 | 19°28 | 1°54 | 0°12 | 7°14 | 20°57 | S 9 |
| M10 | 21 16 18 | 18°10'33 | 18°58 | 1°18 | 21°24 | 7°30 | 15°27 | 9°41 | 25°10 | 0° 5 | 19°30 | 1°47 | 0° 9 | 7°21 | 20°58 | M10 |
| T 11 | 21 20 14 | 19° 8'01 | 1♏17 | 1°39 | 22°37 | 8° 7 | 15°37 | 9°49 | 25° 7 | 0° 8 | 19°31 | 1°39 | 0° 5 | 7°27 | 20°59 | T 11 |
| W12 | 21 24 11 | 20° 5'31 | 13°48 | 2° 5 | 23°49 | 8°44 | 15°47 | 9°56 | 25° 5 | 0°10 | 19°33 | 1°31 | 0° 2 | 7°34 | 21° 0 | W12 |
| T 13 | 21 28 7 | 21° 3'01 | 26°31 | 2°39 | 25° 1 | 9°21 | 15°56 | 10° 3 | 25° 2 | 0°12 | 19°34 | 1°22 | 29♐59 | 7°41 | 21° 0 | T 13 |
| F 14 | 21 32 4 | 22° 0'32 | 9♎26 | 3°19 | 26°14 | 9°59 | 16° 6 | 10°11 | 25° 0 | 0°14 | 19°35 | 1°15 | 29°56 | 7°47 | 21° 1 | F 14 |
| S 15 | 21 36 0 | 22°58'05 | 22°35 | 4° 5 | 27°27 | 10°36 | 16°16 | 10°18 | 24°58 | 0°16 | 19°36 | 1° 9 | 29°53 | 7°54 | 21° 2 | S 15 |
| S 16 | 21 39 57 | 23°55'37 | 5♏57 | 4°58 | 28°39 | 11°13 | 16°26 | 10°25 | 24°55 | 0°19 | 19°38 | 1° 6 | 29°50 | 8° 1 | 21° 2 | S 16 |
| M17 | 21 43 53 | 24°53'11 | 19°34 | 5°57 | 29°52 | 11°51 | 16°36 | 10°33 | 24°53 | 0°21 | 19°39 | 1°D 4 | 29°46 | 8° 7 | 21° 3 | M17 |
| T 18 | 21 47 50 | 25°50'46 | 3♐27 | 7° 2 | 1♌ 5 | 12°28 | 16°46 | 10°40 | 24°51 | 0°23 | 19°40 | 1° 4 | 29°43 | 8°14 | 21° 3 | T 18 |
| W19 | 21 51 46 | 26°48'21 | 17°35 | 8°13 | 2°17 | 13° 6 | 16°56 | 10°48 | 24°48 | 0°25 | 19°42 | 1° 5 | 29°40 | 8°21 | 21° 3 | W19 |
| T 20 | 21 55 43 | 27°45'58 | 1♑59 | 9°30 | 3°30 | 13°43 | 17° 7 | 10°55 | 24°46 | 0°27 | 19°43 | 1°R 5 | 29°37 | 8°27 | 21° 4 | T 20 |
| F 21 | 21 59 40 | 28°43'35 | 16°34 | 10°52 | 4°43 | 14°21 | 17°17 | 11° 3 | 24°43 | 0°30 | 19°44 | 1° 4 | 29°34 | 8°34 | 21° 4 | F 21 |
| S 22 | 22 3 36 | 29°41'13 | 1♒18 | 12°19 | 5°56 | 14°59 | 17°28 | 11°10 | 24°41 | 0°32 | 19°45 | 1° 1 | 29°30 | 8°40 | 21° 4 | S 22 |
| S 23 | 22 7 33 | 0♏38'52 | 16° 3 | 13°51 | 7° 9 | 15°37 | 17°38 | 11°18 | 24°39 | 0°34 | 19°47 | 0°56 | 29°27 | 8°47 | 21° 4 | S 23 |
| M24 | 22 11 29 | 1°36'33 | 0♓43 | 15°27 | 8°22 | 16°15 | 17°49 | 11°25 | 24°36 | 0°36 | 19°48 | 0°48 | 29°24 | 8°54 | 21° 5 | M24 |
| T 25 | 22 15 26 | 2°34'14 | 15°10 | 17° 8 | 9°35 | 16°53 | 18° 0 | 11°33 | 24°34 | 0°39 | 19°49 | 0°39 | 29°21 | 9° 0 | 21°R 5 | T 25 |
| W26 | 22 19 22 | 3°31'57 | 29°17 | 18°52 | 10°48 | 17°31 | 18°11 | 11°40 | 24°31 | 0°41 | 19°50 | 0°29 | 29°18 | 9° 7 | 21° 5 | W26 |
| T 27 | 22 23 19 | 4°29'41 | 13♈ 1 | 20°39 | 12° 1 | 18° 9 | 18°21 | 11°48 | 24°29 | 0°43 | 19°51 | 0°20 | 29°15 | 9°14 | 21° 4 | T 27 |
| F 28 | 22 27 15 | 5°27'27 | 26°19 | 22°30 | 13°14 | 18°47 | 18°32 | 11°55 | 24°27 | 0°45 | 19°52 | 0°12 | 29°11 | 9°20 | 21° 4 | F 28 |
| S 29 | 22 31 12 | 6°25'15 | 9♉11 | 24°22 | 14°28 | 19°25 | 18°43 | 12° 3 | 24°24 | 0°47 | 19°53 | 0° 7 | 29° 8 | 9°27 | 21° 4 | S 29 |
| S 30 | 22 35 9 | 7°23'04 | 21°41 | 26°17 | 15°41 | 20° 4 | 18°54 | 12°11 | 24°22 | 0°50 | 19°55 | 0° 3 | 29° 5 | 9°34 | 21° 4 | S 30 |
| M31 | 22 39 5 | 8♏20'55 | 3♊52 | 28♌13 | 16♌54 | 20♎42 | 19♎ 6 | 12♏18 | 24♒20 | 0♏52 | 19♋56 | 0°D 2 | 29♐ 2 | 9♋40 | 21♉ 4 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 17n49 | 16n 3 | 4n33 | 14n49 | 4s47 | 22n18 | 0s40 | 0s19 | 0n32 | 4s27 | 1n11 | 9n47 | 1n35 | 13s42 | 0s46 | 11n54 | 0n24 | 19n52 | 2s 9 | 23s22 | 23s23 | 22n43 | 15n58 | 2s 1 | S 1 |
| S 2 | 17 34 | 19 33 | 3 54 | 15 3 | 4 40 | 22 14 | 0 38 | 0 34 | 0 31 | 4 31 | 1 11 | 9 45 | 1 35 | 13 43 | 0 46 | 11 54 | 0 24 | 19 52 | 2 9 | 23 22 | 23 23 | 22 42 | 15 58 | 2 2 | S 2 |
| M 3 | 17 18 | 22 7 | 3 5 | 15 18 | 4 31 | 22 11 | 0 35 | 0 49 | 0 30 | 4 34 | 1 11 | 9 42 | 1 35 | 13 44 | 0 46 | 11 53 | 0 24 | 19 52 | 2 9 | 23 22 | 23 23 | 22 41 | 15 58 | 2 2 | M 3 |
| T 4 | 17 2 | 23 39 | 2 9 | 15 33 | 4 21 | 22 6 | 0 32 | 1 4 | 0 29 | 4 38 | 1 11 | 9 39 | 1 35 | 13 45 | 0 46 | 11 52 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 39 | 15 58 | 2 2 | T 4 |
| W 5 | 16 46 | 24 6 | 1 8 | 15 47 | 4 9 | 22 1 | 0 29 | 1 19 | 0 28 | 4 42 | 1 10 | 9 37 | 1 35 | 13 45 | 0 46 | 11 52 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 38 | 15 58 | 2 2 | W 5 |
| T 6 | 16 29 | 23 27 | 0 5 | 16 2 | 3 57 | 21 56 | 0 26 | 1 35 | 0 28 | 4 45 | 1 10 | 9 34 | 1 35 | 13 46 | 0 46 | 11 51 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 37 | 15 58 | 2 2 | T 6 |
| F 7 | 16 13 | 21 46 | 0s59 | 16 16 | 3 43 | 21 49 | 0 23 | 1 50 | 0 27 | 4 49 | 1 10 | 9 31 | 1 35 | 13 47 | 0 46 | 11 50 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 36 | 15 58 | 2 3 | F 7 |
| S 8 | 15 56 | 19 8 | 2 1 | 16 30 | 3 29 | 21 42 | 0 20 | 2 5 | 0 26 | 4 53 | 1 10 | 9 28 | 1 35 | 13 48 | 0 46 | 11 49 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 35 | 15 58 | 2 3 | S 8 |
| S 9 | 15 38 | 15 40 | 2 57 | 16 43 | 3 14 | 21 35 | 0 18 | 2 20 | 0 25 | 4 56 | 1 10 | 9 26 | 1 35 | 13 49 | 0 46 | 11 49 | 0 24 | 19 51 | 2 9 | 23 22 | 23 23 | 22 33 | 15 58 | 2 3 | S 9 |
| M10 | 15 21 | 11 31 | 3 46 | 16 56 | 2 58 | 21 27 | 0 15 | 2 36 | 0 25 | 5 0 | 1 10 | 9 23 | 1 35 | 13 49 | 0 46 | 11 48 | 0 24 | 19 50 | 2 9 | 23 22 | 23 23 | 22 32 | 15 58 | 2 3 | M10 |
| T 11 | 15 3 | 6 51 | 4 26 | 17 7 | 2 42 | 21 18 | 0 12 | 2 51 | 0 24 | 5 4 | 1 9 | 9 20 | 1 35 | 13 50 | 0 46 | 11 47 | 0 24 | 19 50 | 2 9 | 23 22 | 23 23 | 22 31 | 15 58 | 2 3 | T 11 |
| W12 | 14 45 | 1 51 | 4 53 | 17 17 | 2 26 | 21 9 | 0 9 | 3 6 | 0 23 | 5 8 | 1 9 | 9 17 | 1 35 | 13 51 | 0 46 | 11 46 | 0 24 | 19 50 | 2 9 | 23 23 | 23 23 | 22 30 | 15 58 | 2 4 | W12 |
| T 13 | 14 27 | 3s18 | 5 6 | 17 25 | 2 9 | 20 59 | 0 6 | 3 21 | 0 22 | 5 12 | 1 9 | 9 15 | 1 35 | 13 52 | 0 46 | 11 45 | 0 24 | 19 50 | 2 9 | 23 23 | 23 23 | 22 28 | 15 58 | 2 4 | T 13 |
| F 14 | 14 8 | 8 23 | 5 4 | 17 32 | 1 53 | 20 48 | 0 3 | 3 37 | 0 22 | 5 16 | 1 9 | 9 12 | 1 35 | 13 53 | 0 46 | 11 45 | 0 24 | 19 50 | 2 9 | 23 23 | 23 23 | 22 27 | 15 58 | 2 4 | F 14 |
| S 15 | 13 50 | 13 11 | 4 46 | 17 38 | 1 36 | 20 37 | 0 1 | 3 52 | 0 21 | 5 20 | 1 9 | 9 9 | 1 35 | 13 53 | 0 46 | 11 44 | 0 24 | 19 50 | 2 9 | 23 23 | 23 23 | 22 26 | 15 58 | 2 4 | S 15 |
| S 16 | 13 31 | 17 27 | 4 12 | 17 41 | 1 20 | 20 25 | 0n 2 | 4 7 | 0 20 | 5 23 | 1 9 | 9 6 | 1 35 | 13 54 | 0 46 | 11 43 | 0 24 | 19 50 | 2 9 | 23 23 | 23 23 | 22 25 | 15 58 | 2 5 | S 16 |
| M17 | 13 12 | 20 51 | 3 24 | 17 42 | 1 4 | 20 13 | 0 5 | 4 23 | 0 19 | 5 27 | 1 8 | 9 4 | 1 35 | 13 55 | 0 46 | 11 42 | 0 24 | 19 49 | 2 9 | 23 23 | 23 23 | 22 23 | 15 58 | 2 5 | M17 |
| T 18 | 12 53 | 23 8 | 2 23 | 17 41 | 0 48 | 20 0 | 0 8 | 4 38 | 0 19 | 5 32 | 1 8 | 9 1 | 1 35 | 13 56 | 0 46 | 11 42 | 0 24 | 19 49 | 2 9 | 23 23 | 23 23 | 22 22 | 15 58 | 2 5 | T 18 |
| W19 | 12 33 | 24 0 | 1 12 | 17 38 | 0 33 | 19 46 | 0 10 | 4 53 | 0 18 | 5 36 | 1 8 | 8 58 | 1 35 | 13 57 | 0 46 | 11 41 | 0 25 | 19 49 | 2 9 | 23 23 | 23 23 | 22 21 | 15 58 | 2 5 | W19 |
| T 20 | 12 13 | 23 17 | 0n 5 | 17 32 | 0 19 | 19 32 | 0 13 | 5 8 | 0 17 | 5 40 | 1 8 | 8 55 | 1 35 | 13 57 | 0 46 | 11 40 | 0 25 | 19 49 | 2 9 | 23 23 | 23 23 | 22 19 | 15 58 | 2 5 | T 20 |
| F 21 | 11 53 | 21 0 | 1 22 | 17 24 | 0 4 | 19 18 | 0 16 | 5 24 | 0 16 | 5 44 | 1 8 | 8 52 | 1 35 | 13 58 | 0 46 | 11 39 | 0 25 | 19 49 | 2 9 | 23 23 | 23 23 | 22 18 | 15 58 | 2 6 | F 21 |
| S 22 | 11 33 | 17 19 | 2 34 | 17 13 | 0n 9 | 19 3 | 0 18 | 5 39 | 0 16 | 5 48 | 1 8 | 8 50 | 1 35 | 13 59 | 0 46 | 11 39 | 0 25 | 19 49 | 2 9 | 23 23 | 23 23 | 22 17 | 15 58 | 2 6 | S 22 |
| S 23 | 11 13 | 12 33 | 3 36 | 16 59 | 0 22 | 18 47 | 0 21 | 5 54 | 0 15 | 5 52 | 1 8 | 8 47 | 1 35 | 14 0 | 0 46 | 11 38 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 16 | 15 57 | 2 6 | S 23 |
| M24 | 10 53 | 7 5 | 4 24 | 16 42 | 0 34 | 18 31 | 0 24 | 6 9 | 0 14 | 5 56 | 1 7 | 8 44 | 1 35 | 14 1 | 0 46 | 11 37 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 14 | 15 57 | 2 6 | M24 |
| T 25 | 10 32 | 1 19 | 4 53 | 16 22 | 0 45 | 18 14 | 0 26 | 6 25 | 0 13 | 6 0 | 1 7 | 8 41 | 1 35 | 14 1 | 0 46 | 11 36 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 13 | 15 57 | 2 7 | T 25 |
| W26 | 10 11 | 4n22 | 5 4 | 16 0 | 0 55 | 17 57 | 0 29 | 6 40 | 0 13 | 6 5 | 1 7 | 8 38 | 1 35 | 14 2 | 0 46 | 11 35 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 12 | 15 57 | 2 7 | W26 |
| T 27 | 9 50 | 9 41 | 4 57 | 15 35 | 1 4 | 17 39 | 0 31 | 6 55 | 0 12 | 6 9 | 1 7 | 8 35 | 1 35 | 14 3 | 0 46 | 11 35 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 10 | 15 57 | 2 7 | T 27 |
| F 28 | 9 29 | 14 23 | 4 33 | 15 7 | 1 12 | 17 21 | 0 33 | 7 10 | 0 11 | 6 13 | 1 7 | 8 32 | 1 35 | 14 4 | 0 46 | 11 34 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 9 | 15 56 | 2 7 | F 28 |
| S 29 | 9 8 | 18 16 | 3 57 | 14 37 | 1 20 | 17 2 | 0 36 | 7 25 | 0 11 | 6 17 | 1 7 | 8 30 | 1 35 | 14 5 | 0 46 | 11 33 | 0 25 | 19 48 | 2 9 | 23 23 | 23 23 | 22 8 | 15 56 | 2 7 | S 29 |
| S 30 | 8 47 | 21 12 | 3 10 | 14 5 | 1 26 | 16 42 | 0 38 | 7 40 | 0 10 | 6 22 | 1 7 | 8 27 | 1 35 | 14 5 | 0 46 | 11 32 | 0 25 | 19 47 | 2 9 | 23 23 | 23 23 | 22 6 | 15 56 | 2 8 | S 30 |
| M31 | 8n25 | 23n 5 | 2n15 | 13n30 | 1n32 | 16n23 | 0n41 | 7s55 | 0n 9 | 6s26 | 1n 6 | 8n24 | 1n35 | 14s 6 | 0s46 | 11n32 | 0n25 | 19n47 | 2s 9 | 23s23 | 23s23 | 22n 5 | 15n55 | 2s 8 | M31 |

Julian Day Number = 2605159.5, Delta T = 09m38s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'13, Lahiri = 29°44'15


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## SEPTEMBER 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 43 2 | 9♍18'48 | 15♊50 | 0♍10 | 18♌ 7 | 21♎21 | 19♎17 | 12♍26 | 24°R18 | 0♍54 | 19♋57 | 0♑ 2 | 28♐59 | 9♋47 | 21°R 3 | T 1 |
| W 2 | 22 46 58 | 10°16'43 | 27°40 | 2° 8 | 19°21 | 21°59 | 19°28 | 12°33 | 24♒15 | 0°56 | 19°58 | 0°R 2 | 28°56 | 9°54 | 21♉ 3 | W 2 |
| T 3 | 22 50 55 | 11°14'39 | 9♋28 | 4° 7 | 20°34 | 22°38 | 19°40 | 12°41 | 24°13 | 0°59 | 19°59 | 0° 2 | 28°52 | 10° 0 | 21° 2 | T 3 |
| F 4 | 22 54 51 | 12°12'37 | 21°17 | 6° 6 | 21°48 | 23°16 | 19°51 | 12°49 | 24°11 | 1° 1 | 20° 0 | 0° 0 | 28°49 | 10° 7 | 21° 2 | F 4 |
| S 5 | 22 58 48 | 13°10'37 | 3♌14 | 8° 5 | 23° 1 | 23°55 | 20° 2 | 12°56 | 24° 9 | 1° 3 | 20° 1 | 29♐56 | 28°46 | 10°14 | 21° 1 | S 5 |
| S 6 | 23 2 44 | 14° 8'38 | 15°21 | 10° 3 | 24°15 | 24°34 | 20°14 | 13° 4 | 24° 6 | 1° 5 | 20° 2 | 29°49 | 28°43 | 10°20 | 21° 0 | S 6 |
| M 7 | 23 6 41 | 15° 6'41 | 27°41 | 12° 1 | 25°29 | 25°13 | 20°26 | 13°12 | 24° 4 | 1° 7 | 20° 3 | 29°39 | 28°40 | 10°27 | 21° 0 | M 7 |
| T 8 | 23 10 38 | 16° 4'46 | 10♍16 | 13°59 | 26°42 | 25°52 | 20°37 | 13°19 | 24° 2 | 1° 9 | 20° 4 | 29°27 | 28°36 | 10°33 | 20°59 | T 8 |
| W 9 | 23 14 34 | 17° 2'53 | 23° 6 | 15°55 | 27°56 | 26°31 | 20°49 | 13°27 | 24° 0 | 1°12 | 20° 5 | 29°15 | 28°33 | 10°40 | 20°58 | W 9 |
| T 10 | 23 18 31 | 18° 1'01 | 6♎ 9 | 17°51 | 29°10 | 27°10 | 21° 1 | 13°34 | 23°58 | 1°14 | 20° 6 | 29° 2 | 28°30 | 10°47 | 20°57 | T 10 |
| F 11 | 23 22 27 | 18°59'10 | 19°26 | 19°46 | 0♍24 | 27°49 | 21°13 | 13°42 | 23°56 | 1°16 | 20° 6 | 28°51 | 28°27 | 10°53 | 20°56 | F 11 |
| S 12 | 23 26 24 | 19°57'21 | 2♏53 | 21°40 | 1°37 | 28°29 | 21°25 | 13°50 | 23°54 | 1°18 | 20° 7 | 28°42 | 28°24 | 11° 0 | 20°55 | S 12 |
| S 13 | 23 30 20 | 20°55'34 | 16°31 | 23°33 | 2°51 | 29° 8 | 21°37 | 13°57 | 23°51 | 1°20 | 20° 8 | 28°36 | 28°21 | 11° 7 | 20°54 | S 13 |
| M14 | 23 34 17 | 21°53'48 | 0♐17 | 25°24 | 4° 5 | 29°47 | 21°49 | 14° 5 | 23°49 | 1°22 | 20° 9 | 28°33 | 28°17 | 11°13 | 20°53 | M14 |
| T 15 | 23 38 13 | 22°52'04 | 14°12 | 27°15 | 5°19 | 0♏27 | 22° 1 | 14°12 | 23°47 | 1°24 | 20°10 | 28°31 | 28°14 | 11°20 | 20°52 | T 15 |
| W16 | 23 42 10 | 23°50'21 | 28°14 | 29° 4 | 6°33 | 1° 6 | 22°13 | 14°20 | 23°45 | 1°26 | 20°11 | 28°31 | 28°11 | 11°27 | 20°50 | W16 |
| T 17 | 23 46 7 | 24°48'40 | 12♑24 | 0♎53 | 7°47 | 1°46 | 22°25 | 14°27 | 23°44 | 1°29 | 20°11 | 28°31 | 28° 8 | 11°33 | 20°49 | T 17 |
| F 18 | 23 50 3 | 25°47'00 | 26°40 | 2°40 | 9° 1 | 2°25 | 22°37 | 14°35 | 23°42 | 1°31 | 20°12 | 28°29 | 28° 5 | 11°40 | 20°48 | F 18 |
| S 19 | 23 54 0 | 26°45'22 | 11♒ 0 | 4°26 | 10°15 | 3° 5 | 22°49 | 14°42 | 23°40 | 1°33 | 20°13 | 28°25 | 28° 1 | 11°47 | 20°46 | S 19 |
| S 20 | 23 57 56 | 27°43'45 | 25°20 | 6°11 | 11°29 | 3°45 | 23° 2 | 14°50 | 23°38 | 1°35 | 20°14 | 28°18 | 27°58 | 11°53 | 20°45 | S 20 |
| M21 | 0 1 53 | 28°42'10 | 9♓36 | 7°55 | 12°44 | 4°25 | 23°14 | 14°57 | 23°36 | 1°37 | 20°14 | 28° 8 | 27°55 | 12° 0 | 20°43 | M21 |
| T 22 | 0 5 49 | 29°40'36 | 23°43 | 9°38 | 13°58 | 5° 5 | 23°26 | 15° 5 | 23°34 | 1°39 | 20°15 | 27°57 | 27°52 | 12° 7 | 20°42 | T 22 |
| W23 | 0 9 46 | 0♎39'04 | 7♈35 | 11°20 | 15°12 | 5°45 | 23°39 | 15°12 | 23°32 | 1°41 | 20°16 | 27°44 | 27°49 | 12°13 | 20°40 | W23 |
| T 24 | 0 13 42 | 1°37'35 | 21° 7 | 13° 0 | 16°26 | 6°25 | 23°51 | 15°20 | 23°31 | 1°43 | 20°16 | 27°33 | 27°46 | 12°20 | 20°38 | T 24 |
| F 25 | 0 17 39 | 2°36'07 | 4♉18 | 14°40 | 17°40 | 7° 5 | 24° 4 | 15°27 | 23°29 | 1°45 | 20°17 | 27°23 | 27°42 | 12°26 | 20°37 | F 25 |
| S 26 | 0 21 35 | 3°34'41 | 17° 7 | 16°18 | 18°55 | 7°45 | 24°16 | 15°35 | 23°27 | 1°47 | 20°17 | 27°15 | 27°39 | 12°33 | 20°35 | S 26 |
| S 27 | 0 25 32 | 4°33'18 | 29°36 | 17°56 | 20° 9 | 8°25 | 24°29 | 15°42 | 23°26 | 1°49 | 20°18 | 27°10 | 27°36 | 12°40 | 20°33 | S 27 |
| M28 | 0 29 29 | 5°31'56 | 11♊47 | 19°33 | 21°24 | 9° 6 | 24°41 | 15°49 | 23°24 | 1°51 | 20°19 | 27° 7 | 27°33 | 12°46 | 20°31 | M28 |
| T 29 | 0 33 25 | 6°30'37 | 23°45 | 21° 8 | 22°38 | 9°46 | 24°54 | 15°57 | 23°23 | 1°52 | 20°19 | 27°D 7 | 27°30 | 12°53 | 20°29 | T 29 |
| W30 | 0 37 22 | 7♎29'20 | 5♋36 | 22♎43 | 23♍52 | 10♏26 | 25♎ 7 | 16♍ 4 | 23♒21 | 1♍54 | 20♋20 | 27°R 7 | 27♐27 | 13♋ 0 | 20♉27 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n 4 | 23n53 | 1n15 | 12n53 | 1n36 | 16n 3 | 0n43 | 8s10 | 0n 8 | 6s30 | 1n 6 | 8n21 | 1n35 | 14s 7 | 0s46 | 11n31 | 0n25 | 19n47 | 2s 9 | 23s23 | 23s23 | 22n 4 | 15n55 | 2s 8 |
| W 2 | 7 42 | 23 34 | 0 13 | 12 15 | 1 40 | 15 42 | 0 45 | 8 25 | 0 8 | 6 35 | 1 6 | 8 18 | 1 35 | 14 8 | 0 46 | 11 30 | 0 25 | 19 47 | 2 9 | 23 23 | 23 23 | 22 2 | 15 55 | 2 8 |
| T 3 | 7 20 | 22 13 | 0s50 | 11 34 | 1 43 | 15 21 | 0 47 | 8 40 | 0 7 | 6 39 | 1 6 | 8 15 | 1 36 | 14 8 | 0 46 | 11 29 | 0 25 | 19 47 | 2 9 | 23 23 | 23 23 | 22 1 | 15 55 | 2 8 |
| F 4 | 6 58 | 19 53 | 1 51 | 10 53 | 1 45 | 14 59 | 0 49 | 8 55 | 0 6 | 6 44 | 1 6 | 8 12 | 1 36 | 14 9 | 0 46 | 11 28 | 0 25 | 19 47 | 2 9 | 23 23 | 23 23 | 22 0 | 15 54 | 2 9 |
| S 5 | 6 36 | 16 41 | 2 47 | 10 10 | 1 46 | 14 37 | 0 51 | 9 10 | 0 6 | 6 48 | 1 6 | 8 10 | 1 36 | 14 10 | 0 46 | 11 28 | 0 25 | 19 47 | 2 9 | 23 23 | 23 23 | 21 58 | 15 54 | 2 9 |
| S 6 | 6 14 | 12 45 | 3 36 | 9 25 | 1 46 | 14 15 | 0 54 | 9 25 | 0 5 | 6 52 | 1 6 | 8 7 | 1 36 | 14 10 | 0 46 | 11 27 | 0 25 | 19 47 | 2 8 | 23 23 | 23 23 | 21 57 | 15 53 | 2 9 |
| M 7 | 5 51 | 8 14 | 4 16 | 8 40 | 1 46 | 13 52 | 0 56 | 9 40 | 0 4 | 6 57 | 1 6 | 8 4 | 1 36 | 14 11 | 0 46 | 11 26 | 0 25 | 19 46 | 2 8 | 23 23 | 23 23 | 21 55 | 15 53 | 2 9 |
| T 8 | 5 29 | 3 18 | 4 44 | 7 54 | 1 45 | 13 29 | 0 57 | 9 55 | 0 4 | 7 1 | 1 5 | 8 1 | 1 36 | 14 12 | 0 46 | 11 25 | 0 25 | 19 46 | 2 8 | 23 23 | 23 23 | 21 54 | 15 53 | 2 10 |
| W 9 | 5 6 | 1s51 | 4 59 | 7 8 | 1 44 | 13 6 | 0 59 | 10 10 | 0 3 | 7 6 | 1 5 | 7 58 | 1 36 | 14 13 | 0 46 | 11 25 | 0 25 | 19 46 | 2 8 | 23 23 | 23 23 | 21 53 | 15 52 | 2 10 |
| T 10 | 4 44 | 7 0 | 4 59 | 6 21 | 1 41 | 12 42 | 1 1 | 10 24 | 0 2 | 7 10 | 1 5 | 7 55 | 1 36 | 14 13 | 0 46 | 11 24 | 0 25 | 19 46 | 2 8 | 23 23 | 23 23 | 21 51 | 15 52 | 2 10 |
| F 11 | 4 21 | 11 56 | 4 42 | 5 33 | 1 39 | 12 17 | 1 3 | 10 39 | 0 2 | 7 15 | 1 5 | 7 52 | 1 36 | 14 14 | 0 46 | 11 23 | 0 25 | 19 46 | 2 8 | 23 23 | 23 23 | 21 50 | 15 51 | 2 10 |
| S 12 | 3 58 | 16 21 | 4 10 | 4 46 | 1 36 | 11 53 | 1 5 | 10 54 | 0 1 | 7 19 | 1 5 | 7 50 | 1 36 | 14 15 | 0 46 | 11 22 | 0 25 | 19 46 | 2 8 | 23 23 | 23 22 | 21 48 | 15 51 | 2 10 |
| S 13 | 3 35 | 19 58 | 3 23 | 3 58 | 1 32 | 11 28 | 1 6 | 11 8 | 0 0 | 7 24 | 1 5 | 7 47 | 1 36 | 14 15 | 0 46 | 11 22 | 0 25 | 19 46 | 2 8 | 23 23 | 23 22 | 21 47 | 15 50 | 2 11 |
| M14 | 3 12 | 22 30 | 2 23 | 3 10 | 1 28 | 11 3 | 1 8 | 11 23 | 0s 0 | 7 29 | 1 5 | 7 44 | 1 36 | 14 16 | 0 46 | 11 21 | 0 25 | 19 46 | 2 8 | 23 23 | 23 22 | 21 46 | 15 50 | 2 11 |
| T 15 | 2 49 | 23 42 | 1 15 | 2 22 | 1 23 | 10 37 | 1 9 | 11 37 | 0 1 | 7 33 | 1 5 | 7 41 | 1 36 | 14 17 | 0 46 | 11 20 | 0 25 | 19 45 | 2 8 | 23 23 | 23 22 | 21 44 | 15 49 | 2 11 |
| W16 | 2 26 | 23 24 | 0 2 | 1 34 | 1 19 | 10 11 | 1 11 | 11 52 | 0 2 | 7 38 | 1 5 | 7 38 | 1 36 | 14 17 | 0 46 | 11 20 | 0 25 | 19 45 | 2 8 | 23 23 | 23 22 | 21 43 | 15 49 | 2 11 |
| T 17 | 2 3 | 21 36 | 1n13 | 0 47 | 1 14 | 9 45 | 1 12 | 12 6 | 0 2 | 7 42 | 1 5 | 7 35 | 1 37 | 14 18 | 0 46 | 11 19 | 0 25 | 19 45 | 2 8 | 23 23 | 23 22 | 21 41 | 15 48 | 2 11 |
| F 18 | 1 40 | 18 26 | 2 23 | 0s 1 | 1 8 | 9 19 | 1 14 | 12 20 | 0 3 | 7 47 | 1 5 | 7 33 | 1 37 | 14 18 | 0 46 | 11 18 | 0 25 | 19 45 | 2 8 | 23 23 | 23 22 | 21 40 | 15 48 | 2 12 |
| S 19 | 1 17 | 14 9 | 3 24 | 0 48 | 1 2 | 8 52 | 1 15 | 12 34 | 0 4 | 7 51 | 1 4 | 7 30 | 1 37 | 14 19 | 0 45 | 11 17 | 0 25 | 19 45 | 2 8 | 23 23 | 23 22 | 21 39 | 15 47 | 2 12 |
| S 20 | 0 54 | 9 4 | 4 13 | 1 35 | 0 56 | 8 25 | 1 16 | 12 48 | 0 4 | 7 56 | 1 4 | 7 27 | 1 37 | 14 20 | 0 45 | 11 17 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 37 | 15 47 | 2 12 |
| M21 | 0 31 | 3 33 | 4 45 | 2 22 | 0 50 | 7 58 | 1 18 | 13 3 | 0 5 | 8 1 | 1 4 | 7 24 | 1 37 | 14 20 | 0 45 | 11 16 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 36 | 15 46 | 2 12 |
| T 22 | 0 8 | 2n 6 | 5 0 | 3 8 | 0 44 | 7 30 | 1 19 | 13 17 | 0 6 | 8 5 | 1 4 | 7 21 | 1 37 | 14 21 | 0 45 | 11 15 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 34 | 15 45 | 2 12 |
| W23 | 0s15 | 7 32 | 4 56 | 3 54 | 0 37 | 7 3 | 1 20 | 13 30 | 0 6 | 8 10 | 1 4 | 7 19 | 1 37 | 14 21 | 0 45 | 11 15 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 33 | 15 45 | 2 13 |
| T 24 | 0 39 | 12 29 | 4 36 | 4 39 | 0 31 | 6 35 | 1 21 | 13 44 | 0 7 | 8 15 | 1 4 | 7 16 | 1 37 | 14 22 | 0 45 | 11 14 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 31 | 15 44 | 2 13 |
| F 25 | 1 2 | 16 42 | 4 1 | 5 24 | 0 24 | 6 7 | 1 22 | 13 58 | 0 8 | 8 19 | 1 4 | 7 13 | 1 37 | 14 23 | 0 45 | 11 13 | 0 25 | 19 45 | 2 8 | 23 22 | 23 22 | 21 30 | 15 43 | 2 13 |
| S 26 | 1 25 | 20 1 | 3 15 | 6 8 | 0 17 | 5 39 | 1 22 | 14 12 | 0 8 | 8 24 | 1 4 | 7 10 | 1 37 | 14 23 | 0 45 | 11 12 | 0 25 | 19 44 | 2 8 | 23 21 | 23 22 | 21 28 | 15 43 | 2 13 |
| S 27 | 1 48 | 22 18 | 2 20 | 6 52 | 0 10 | 5 10 | 1 23 | 14 25 | 0 9 | 8 29 | 1 4 | 7 8 | 1 38 | 14 24 | 0 45 | 11 12 | 0 25 | 19 44 | 2 8 | 23 21 | 23 22 | 21 27 | 15 42 | 2 13 |
| M28 | 2 12 | 23 29 | 1 20 | 7 35 | 0 3 | 4 42 | 1 24 | 14 39 | 0 10 | 8 33 | 1 4 | 7 5 | 1 38 | 14 24 | 0 45 | 11 11 | 0 25 | 19 44 | 2 8 | 23 21 | 23 22 | 21 25 | 15 41 | 2 14 |
| T 29 | 2 35 | 23 32 | 0 18 | 8 18 | 0s 5 | 4 13 | 1 25 | 14 52 | 0 10 | 8 38 | 1 4 | 7 2 | 1 38 | 14 25 | 0 45 | 11 10 | 0 25 | 19 44 | 2 8 | 23 21 | 23 22 | 21 24 | 15 41 | 2 14 |
| W30 | 2s58 | 22n31 | 0s45 | 9s 0 | 0s12 | 3n44 | 1n25 | 15s 5 | 0s11 | 8s43 | 1n 4 | 6n59 | 1n38 | 14s25 | 0s45 | 11n10 | 0n25 | 19n44 | 2s 8 | 23s21 | 23s22 | 21n22 | 15n40 | 2s14 |

Julian Day Number = 2605190.5, Delta T = 09m38s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'18, Lahiri = 29°44'19


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## OCTOBER 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 41 18 | 8♎28'05 | 17♋24 | 24♎17 | 25♍ 7 | 11♏ 7 | 25♎19 | 16♍11 | 23°R20 | 1♍56 | 20♋20 | 27°R 6 | 27♐23 | 13♋ 6 | 20°R25 | T 1 |
| F 2 | 0 45 15 | 9°26'53 | 29°15 | 25°49 | 26°21 | 11°47 | 25°32 | 16°18 | 23♒18 | 1°58 | 20°20 | 27♐ 5 | 27°20 | 13°13 | 20♉23 | F 2 |
| S 3 | 0 49 11 | 10°25'42 | 11♌15 | 27°21 | 27°36 | 12°28 | 25°45 | 16°26 | 23°17 | 2° 0 | 20°21 | 27° 1 | 27°17 | 13°20 | 20°21 | S 3 |
| S 4 | 0 53 8 | 11°24'34 | 23°28 | 28°52 | 28°51 | 13° 9 | 25°57 | 16°33 | 23°15 | 2° 2 | 20°21 | 26°55 | 27°14 | 13°26 | 20°19 | S 4 |
| M 5 | 0 57 4 | 12°23'28 | 5♍56 | 0♏22 | 0♎ 5 | 13°50 | 26°10 | 16°40 | 23°14 | 2° 4 | 20°22 | 26°46 | 27°11 | 13°33 | 20°16 | M 5 |
| T 6 | 1 1 1 | 13°22'24 | 18°44 | 1°51 | 1°20 | 14°30 | 26°23 | 16°47 | 23°13 | 2° 5 | 20°22 | 26°35 | 27° 7 | 13°40 | 20°14 | T 6 |
| W 7 | 1 4 58 | 14°21'22 | 1♎50 | 3°20 | 2°35 | 15°11 | 26°36 | 16°54 | 23°12 | 2° 7 | 20°22 | 26°23 | 27° 4 | 13°46 | 20°12 | W 7 |
| T 8 | 1 8 54 | 15°20'22 | 15°15 | 4°47 | 3°49 | 15°52 | 26°49 | 17° 1 | 23°10 | 2° 9 | 20°23 | 26°11 | 27° 1 | 13°53 | 20°10 | T 8 |
| F 9 | 1 12 51 | 16°19'25 | 28°55 | 6°13 | 5° 4 | 16°33 | 27° 2 | 17° 8 | 23° 9 | 2°11 | 20°23 | 26° 0 | 26°58 | 14° 0 | 20° 7 | F 9 |
| S 10 | 1 16 47 | 17°18'29 | 12♏48 | 7°38 | 6°19 | 17°15 | 27°14 | 17°15 | 23° 8 | 2°12 | 20°23 | 25°52 | 26°55 | 14° 6 | 20° 5 | S 10 |
| S 11 | 1 20 44 | 18°17'35 | 26°50 | 9° 3 | 7°33 | 17°56 | 27°27 | 17°22 | 23° 7 | 2°14 | 20°23 | 25°46 | 26°52 | 14°13 | 20° 2 | S 11 |
| M12 | 1 24 40 | 19°16'43 | 10♐56 | 10°26 | 8°48 | 18°37 | 27°40 | 17°29 | 23° 6 | 2°16 | 20°24 | 25°43 | 26°48 | 14°20 | 20° 0 | M12 |
| T 13 | 1 28 37 | 20°15'53 | 25° 5 | 11°48 | 10° 3 | 19°18 | 27°53 | 17°36 | 23° 5 | 2°17 | 20°24 | 25°D42 | 26°45 | 14°26 | 19°57 | T 13 |
| W14 | 1 32 33 | 21°15'04 | 9♑13 | 13°10 | 11°18 | 20° 0 | 28° 6 | 17°42 | 23° 4 | 2°19 | 20°24 | 25°43 | 26°42 | 14°33 | 19°55 | W14 |
| T 15 | 1 36 30 | 22°14'18 | 23°21 | 14°30 | 12°33 | 20°41 | 28°19 | 17°49 | 23° 3 | 2°20 | 20°24 | 25°R43 | 26°39 | 14°39 | 19°52 | T 15 |
| F 16 | 1 40 27 | 23°13'33 | 7♒26 | 15°49 | 13°48 | 21°23 | 28°32 | 17°56 | 23° 3 | 2°22 | 20°24 | 25°42 | 26°36 | 14°46 | 19°49 | F 16 |
| S 17 | 1 44 23 | 24°12'49 | 21°28 | 17° 6 | 15° 2 | 22° 4 | 28°45 | 18° 3 | 23° 2 | 2°23 | 20°24 | 25°39 | 26°33 | 14°53 | 19°47 | S 17 |
| S 18 | 1 48 20 | 25°12'07 | 5♓25 | 18°23 | 16°17 | 22°46 | 28°58 | 18° 9 | 23° 1 | 2°25 | 20°24 | 25°34 | 26°29 | 14°59 | 19°44 | S 18 |
| M19 | 1 52 16 | 26°11'28 | 19°14 | 19°38 | 17°32 | 23°28 | 29°11 | 18°16 | 23° 0 | 2°26 | 20°25 | 25°26 | 26°26 | 15° 6 | 19°41 | M19 |
| T 20 | 1 56 13 | 27°10'49 | 2♈55 | 20°51 | 18°47 | 24° 9 | 29°24 | 18°22 | 23° 0 | 2°28 | 20°R25 | 25°16 | 26°23 | 15°13 | 19°39 | T 20 |
| W21 | 2 0 9 | 28°10'13 | 16°22 | 22° 3 | 20° 2 | 24°51 | 29°37 | 18°29 | 22°59 | 2°29 | 20°25 | 25° 6 | 26°20 | 15°19 | 19°36 | W21 |
| T 22 | 2 4 6 | 29° 9'39 | 29°34 | 23°13 | 21°17 | 25°33 | 29°50 | 18°35 | 22°59 | 2°31 | 20°25 | 24°57 | 26°17 | 15°26 | 19°33 | T 22 |
| F 23 | 2 8 2 | 0♏ 9'07 | 12♉30 | 24°21 | 22°32 | 26°15 | 0♏ 3 | 18°42 | 22°58 | 2°32 | 20°24 | 24°48 | 26°13 | 15°33 | 19°30 | F 23 |
| S 24 | 2 11 59 | 1° 8'36 | 25° 9 | 25°27 | 23°47 | 26°57 | 0°16 | 18°48 | 22°58 | 2°33 | 20°24 | 24°42 | 26°10 | 15°39 | 19°27 | S 24 |
| S 25 | 2 15 56 | 2° 8'08 | 7♊31 | 26°31 | 25° 2 | 27°39 | 0°29 | 18°54 | 22°57 | 2°35 | 20°24 | 24°38 | 26° 7 | 15°46 | 19°24 | S 25 |
| M26 | 2 19 52 | 3° 7'43 | 19°39 | 27°33 | 26°17 | 28°21 | 0°42 | 19° 0 | 22°57 | 2°36 | 20°24 | 24°D37 | 26° 4 | 15°53 | 19°22 | M26 |
| T 27 | 2 23 49 | 4° 7'19 | 1♋36 | 28°31 | 27°32 | 29° 3 | 0°55 | 19° 6 | 22°57 | 2°37 | 20°24 | 24°37 | 26° 1 | 15°59 | 19°19 | T 27 |
| W28 | 2 27 45 | 5° 6'58 | 13°26 | 29°27 | 28°47 | 29°46 | 1° 8 | 19°13 | 22°56 | 2°39 | 20°24 | 24°38 | 25°58 | 16° 6 | 19°16 | W28 |
| T 29 | 2 31 42 | 6° 6'38 | 25°14 | 0♐19 | 0♏ 3 | 0♐28 | 1°21 | 19°19 | 22°56 | 2°40 | 20°24 | 24°39 | 25°54 | 16°13 | 19°13 | T 29 |
| F 30 | 2 35 38 | 7° 6'21 | 7♌ 6 | 1° 8 | 1°18 | 1°10 | 1°34 | 19°25 | 22°56 | 2°41 | 20°23 | 24°R40 | 25°51 | 16°19 | 19°10 | F 30 |
| S 31 | 2 39 35 | 8♏ 6'07 | 19♌ 5 | 1♐53 | 2♏33 | 1♐53 | 1♏47 | 19♍30 | 22♒56 | 2♍42 | 20♋23 | 24♐39 | 25♐48 | 16♋26 | 19♉ 7 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s21 | 20n31 | 1s46 | 9s42 | 0s19 | 3n15 | 1n26 | 15s19 | 0s12 | 8s47 | 1n 4 | 6n57 | 1n38 | 14s25 | 0s45 | 11n 9 | 0n25 | 19n44 | 2s 8 | 23s21 | 23s22 | 21n21 | 15n39 | 2s14 |
| F 2 | 3 44 | 17 37 | 2 42 | 10 22 | 0 27 | 2 46 | 1 26 | 15 32 | 0 12 | 8 52 | 1 3 | 6 54 | 1 38 | 14 26 | 0 45 | 11 8 | 0 25 | 19 44 | 2 8 | 23 21 | 23 21 | 21 20 | 15 39 | 2 14 |
| S 3 | 4 7 | 13 58 | 3 32 | 11 2 | 0 34 | 2 17 | 1 27 | 15 45 | 0 13 | 8 57 | 1 3 | 6 51 | 1 38 | 14 26 | 0 45 | 11 8 | 0 25 | 19 44 | 2 8 | 23 21 | 23 21 | 21 18 | 15 38 | 2 15 |
| S 4 | 4 30 | 9 41 | 4 13 | 11 42 | 0 41 | 1 47 | 1 27 | 15 58 | 0 13 | 9 1 | 1 3 | 6 49 | 1 38 | 14 27 | 0 45 | 11 7 | 0 25 | 19 44 | 2 8 | 23 21 | 23 21 | 21 17 | 15 37 | 2 15 |
| M 5 | 4 53 | 4 56 | 4 42 | 12 20 | 0 49 | 1 18 | 1 27 | 16 11 | 0 14 | 9 6 | 1 3 | 6 46 | 1 38 | 14 27 | 0 45 | 11 7 | 0 25 | 19 44 | 2 8 | 23 21 | 23 21 | 21 15 | 15 36 | 2 15 |
| T 6 | 5 16 | 0s 8 | 4 59 | 12 58 | 0 56 | 0 49 | 1 27 | 16 23 | 0 15 | 9 11 | 1 3 | 6 43 | 1 39 | 14 28 | 0 45 | 11 6 | 0 25 | 19 44 | 2 8 | 23 20 | 23 21 | 21 13 | 15 36 | 2 15 |
| W 7 | 5 39 | 5 19 | 5 0 | 13 35 | 1 3 | 0 19 | 1 28 | 16 36 | 0 15 | 9 15 | 1 3 | 6 41 | 1 39 | 14 28 | 0 45 | 11 5 | 0 25 | 19 44 | 2 8 | 23 20 | 23 21 | 21 12 | 15 35 | 2 15 |
| T 8 | 6 2 | 10 23 | 4 46 | 14 12 | 1 11 | 0s10 | 1 28 | 16 48 | 0 16 | 9 20 | 1 3 | 6 38 | 1 39 | 14 28 | 0 45 | 11 5 | 0 25 | 19 44 | 2 8 | 23 20 | 23 21 | 21 10 | 15 34 | 2 15 |
| F 9 | 6 24 | 15 1 | 4 14 | 14 47 | 1 18 | 0 40 | 1 28 | 17 1 | 0 17 | 9 25 | 1 3 | 6 35 | 1 39 | 14 29 | 0 45 | 11 4 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 9 | 15 33 | 2 16 |
| S 10 | 6 47 | 18 56 | 3 27 | 15 22 | 1 25 | 1 10 | 1 28 | 17 13 | 0 17 | 9 29 | 1 3 | 6 33 | 1 39 | 14 29 | 0 45 | 11 4 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 7 | 15 32 | 2 16 |
| S 11 | 7 9 | 21 47 | 2 27 | 15 56 | 1 32 | 1 39 | 1 27 | 17 25 | 0 18 | 9 34 | 1 3 | 6 30 | 1 39 | 14 29 | 0 45 | 11 3 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 6 | 15 32 | 2 16 |
| M12 | 7 32 | 23 19 | 1 18 | 16 29 | 1 39 | 2 9 | 1 27 | 17 37 | 0 18 | 9 39 | 1 3 | 6 28 | 1 39 | 14 30 | 0 45 | 11 2 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 4 | 15 31 | 2 16 |
| T 13 | 7 54 | 23 21 | 0 3 | 17 1 | 1 46 | 2 38 | 1 27 | 17 49 | 0 19 | 9 43 | 1 3 | 6 25 | 1 40 | 14 30 | 0 45 | 11 2 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 3 | 15 30 | 2 16 |
| W14 | 8 16 | 21 53 | 1n12 | 17 32 | 1 52 | 3 8 | 1 27 | 18 1 | 0 20 | 9 48 | 1 3 | 6 23 | 1 40 | 14 30 | 0 45 | 11 1 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 1 | 15 29 | 2 16 |
| T 15 | 8 38 | 19 2 | 2 22 | 18 3 | 1 59 | 3 37 | 1 26 | 18 12 | 0 20 | 9 52 | 1 3 | 6 20 | 1 40 | 14 30 | 0 45 | 11 1 | 0 25 | 19 44 | 2 8 | 23 19 | 23 21 | 21 0 | 15 28 | 2 17 |
| F 16 | 9 0 | 15 5 | 3 24 | 18 32 | 2 5 | 4 7 | 1 26 | 18 24 | 0 21 | 9 57 | 1 3 | 6 18 | 1 40 | 14 31 | 0 45 | 11 0 | 0 25 | 19 44 | 2 8 | 23 19 | 23 20 | 20 58 | 15 27 | 2 17 |
| S 17 | 9 22 | 10 20 | 4 13 | 19 0 | 2 11 | 4 36 | 1 25 | 18 35 | 0 21 | 10 2 | 1 3 | 6 15 | 1 40 | 14 31 | 0 45 | 11 0 | 0 25 | 19 44 | 2 8 | 23 19 | 23 20 | 20 57 | 15 27 | 2 17 |
| S 18 | 9 44 | 5 4 | 4 46 | 19 27 | 2 17 | 5 5 | 1 25 | 18 46 | 0 22 | 10 6 | 1 3 | 6 13 | 1 40 | 14 31 | 0 45 | 10 59 | 0 25 | 19 44 | 2 8 | 23 19 | 23 20 | 20 55 | 15 26 | 2 17 |
| M19 | 10 5 | 0n24 | 5 3 | 19 54 | 2 23 | 5 35 | 1 24 | 18 58 | 0 23 | 10 11 | 1 3 | 6 10 | 1 41 | 14 31 | 0 45 | 10 59 | 0 25 | 19 44 | 2 8 | 23 18 | 23 20 | 20 53 | 15 25 | 2 17 |
| T 20 | 10 27 | 5 46 | 5 2 | 20 19 | 2 28 | 6 4 | 1 23 | 19 8 | 0 23 | 10 16 | 1 3 | 6 8 | 1 41 | 14 31 | 0 45 | 10 58 | 0 25 | 19 44 | 2 8 | 23 18 | 23 20 | 20 52 | 15 24 | 2 17 |
| W21 | 10 48 | 10 48 | 4 44 | 20 43 | 2 34 | 6 33 | 1 22 | 19 19 | 0 24 | 10 20 | 1 3 | 6 6 | 1 41 | 14 32 | 0 45 | 10 58 | 0 26 | 19 44 | 2 8 | 23 18 | 23 20 | 20 50 | 15 23 | 2 18 |
| T 22 | 11 9 | 15 13 | 4 11 | 21 5 | 2 38 | 7 1 | 1 22 | 19 30 | 0 24 | 10 25 | 1 3 | 6 3 | 1 41 | 14 32 | 0 45 | 10 57 | 0 26 | 19 44 | 2 8 | 23 17 | 23 20 | 20 49 | 15 22 | 2 18 |
| F 23 | 11 30 | 18 50 | 3 26 | 21 27 | 2 43 | 7 30 | 1 21 | 19 40 | 0 25 | 10 29 | 1 3 | 6 1 | 1 41 | 14 32 | 0 45 | 10 57 | 0 26 | 19 44 | 2 8 | 23 17 | 23 20 | 20 47 | 15 21 | 2 18 |
| S 24 | 11 51 | 21 28 | 2 32 | 21 47 | 2 47 | 7 59 | 1 20 | 19 51 | 0 25 | 10 34 | 1 3 | 5 59 | 1 41 | 14 32 | 0 45 | 10 56 | 0 26 | 19 44 | 2 8 | 23 17 | 23 20 | 20 46 | 15 20 | 2 18 |
| S 25 | 12 11 | 23 0 | 1 31 | 22 6 | 2 51 | 8 27 | 1 19 | 20 1 | 0 26 | 10 38 | 1 3 | 5 56 | 1 42 | 14 32 | 0 45 | 10 56 | 0 26 | 19 44 | 2 8 | 23 17 | 23 20 | 20 44 | 15 19 | 2 18 |
| M26 | 12 32 | 23 26 | 0 27 | 22 24 | 2 54 | 8 55 | 1 18 | 20 11 | 0 27 | 10 43 | 1 3 | 5 54 | 1 42 | 14 32 | 0 44 | 10 55 | 0 26 | 19 44 | 2 8 | 23 16 | 23 20 | 20 42 | 15 18 | 2 18 |
| T 27 | 12 52 | 22 45 | 0s38 | 22 40 | 2 57 | 9 23 | 1 16 | 20 21 | 0 27 | 10 47 | 1 3 | 5 52 | 1 42 | 14 32 | 0 44 | 10 55 | 0 26 | 19 44 | 2 8 | 23 17 | 23 19 | 20 41 | 15 18 | 2 18 |
| W28 | 13 12 | 21 3 | 1 40 | 22 54 | 2 59 | 9 51 | 1 15 | 20 30 | 0 28 | 10 52 | 1 3 | 5 50 | 1 42 | 14 32 | 0 44 | 10 54 | 0 26 | 19 44 | 2 8 | 23 17 | 23 19 | 20 39 | 15 17 | 2 19 |
| T 29 | 13 32 | 18 27 | 2 38 | 23 7 | 3 1 | 10 18 | 1 14 | 20 40 | 0 28 | 10 56 | 1 3 | 5 47 | 1 42 | 14 32 | 0 44 | 10 54 | 0 26 | 19 44 | 2 8 | 23 17 | 23 19 | 20 38 | 15 16 | 2 19 |
| F 30 | 13 51 | 15 5 | 3 29 | 23 19 | 3 2 | 10 46 | 1 13 | 20 49 | 0 29 | 11 1 | 1 3 | 5 45 | 1 42 | 14 32 | 0 44 | 10 54 | 0 26 | 19 44 | 2 8 | 23 17 | 23 19 | 20 36 | 15 15 | 2 19 |
| S 31 | 14s11 | 11n 4 | 4s12 | 23s28 | 3s 3 | 11s13 | 1n11 | 20s58 | 0s29 | 11s 5 | 1n 3 | 5n43 | 1n43 | 14s32 | 0s44 | 10n53 | 0n26 | 19n44 | 2s 8 | 23s17 | 23s19 | 20n34 | 15n14 | 2s19 |

Julian Day Number = 2605220.5, Delta T = 09m39s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'22, Lahiri = 29°44'23


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## NOVEMBER 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 43 31 | 9♏ 5'54 | 1♍18 | 2♐33 | 3♏48 | 2♐35 | 2♏ 0 | 19♍36 | 22°D56 | 2♍43 | 20°R23 | 24°R36 | 25♐45 | 16♋33 | 19°R 4 | S 1 |
| M 2 | 2 47 28 | 10° 5'44 | 13°49 | 3° 8 | 5° 3 | 3°18 | 2°13 | 19°42 | 22♒56 | 2°44 | 20♋23 | 24♐32 | 25°42 | 16°39 | 19♉ 1 | M 2 |
| T 3 | 2 51 25 | 11° 5'35 | 26°42 | 3°38 | 6°18 | 4° 1 | 2°26 | 19°48 | 22°56 | 2°46 | 20°22 | 24°26 | 25°38 | 16°46 | 18°58 | T 3 |
| W 4 | 2 55 21 | 12° 5'29 | 9♎57 | 4° 2 | 7°33 | 4°43 | 2°39 | 19°53 | 22°56 | 2°47 | 20°22 | 24°19 | 25°35 | 16°53 | 18°55 | W 4 |
| T 5 | 2 59 18 | 13° 5'25 | 23°36 | 4°19 | 8°49 | 5°26 | 2°52 | 19°59 | 22°56 | 2°48 | 20°22 | 24°12 | 25°32 | 16°59 | 18°51 | T 5 |
| F 6 | 3 3 14 | 14° 5'23 | 7♏36 | 4°29 | 10° 4 | 6° 9 | 3° 5 | 20° 5 | 22°56 | 2°49 | 20°21 | 24° 5 | 25°29 | 17° 6 | 18°48 | F 6 |
| S 7 | 3 7 11 | 15° 5'23 | 21°52 | 4°R31 | 11°19 | 6°52 | 3°18 | 20°10 | 22°57 | 2°49 | 20°21 | 24° 0 | 25°26 | 17°13 | 18°45 | S 7 |
| S 8 | 3 11 7 | 16° 5'25 | 6♐20 | 4°25 | 12°34 | 7°35 | 3°31 | 20°15 | 22°57 | 2°50 | 20°21 | 23°57 | 25°23 | 17°19 | 18°42 | S 8 |
| M 9 | 3 15 4 | 17° 5'28 | 20°53 | 4° 9 | 13°50 | 8°18 | 3°44 | 20°21 | 22°57 | 2°51 | 20°20 | 23°D56 | 25°19 | 17°26 | 18°39 | M 9 |
| T 10 | 3 19 0 | 18° 5'33 | 5♑26 | 3°44 | 15° 5 | 9° 1 | 3°57 | 20°26 | 22°58 | 2°52 | 20°20 | 23°56 | 25°16 | 17°32 | 18°36 | T 10 |
| W11 | 3 22 57 | 19° 5'40 | 19°54 | 3°10 | 16°20 | 9°44 | 4° 9 | 20°31 | 22°58 | 2°53 | 20°19 | 23°57 | 25°13 | 17°39 | 18°33 | W11 |
| T 12 | 3 26 54 | 20° 5'48 | 4♒12 | 2°26 | 17°35 | 10°28 | 4°22 | 20°36 | 22°59 | 2°54 | 20°19 | 23°59 | 25°10 | 17°46 | 18°30 | T 12 |
| F 13 | 3 30 50 | 21° 5'58 | 18°20 | 1°32 | 18°51 | 11°11 | 4°35 | 20°41 | 22°59 | 2°54 | 20°18 | 24°R 0 | 25° 7 | 17°52 | 18°27 | F 13 |
| S 14 | 3 34 47 | 22° 6'09 | 2♓15 | 0°30 | 20° 6 | 11°54 | 4°48 | 20°46 | 23° 0 | 2°55 | 20°18 | 23°59 | 25° 4 | 17°59 | 18°24 | S 14 |
| S 15 | 3 38 43 | 23° 6'22 | 15°57 | 29♏21 | 21°21 | 12°38 | 5° 0 | 20°51 | 23° 0 | 2°56 | 20°17 | 23°57 | 25° 0 | 18° 6 | 18°21 | S 15 |
| M16 | 3 42 40 | 24° 6'36 | 29°26 | 28° 5 | 22°37 | 13°21 | 5°13 | 20°56 | 23° 1 | 2°57 | 20°16 | 23°54 | 24°57 | 18°12 | 18°18 | M16 |
| T 17 | 3 46 36 | 25° 6'51 | 12♈42 | 26°46 | 23°52 | 14° 5 | 5°26 | 21° 0 | 23° 2 | 2°57 | 20°16 | 23°50 | 24°54 | 18°19 | 18°15 | T 17 |
| W18 | 3 50 33 | 26° 7'08 | 25°45 | 25°26 | 25° 7 | 14°48 | 5°38 | 21° 5 | 23° 3 | 2°58 | 20°15 | 23°45 | 24°51 | 18°26 | 18°11 | W18 |
| T 19 | 3 54 29 | 27° 7'27 | 8♉34 | 24° 8 | 26°23 | 15°32 | 5°51 | 21° 9 | 23° 4 | 2°58 | 20°14 | 23°41 | 24°48 | 18°32 | 18° 8 | T 19 |
| F 20 | 3 58 26 | 28° 7'47 | 21°10 | 22°53 | 27°38 | 16°15 | 6° 4 | 21°14 | 23° 5 | 2°59 | 20°14 | 23°37 | 24°44 | 18°39 | 18° 5 | F 20 |
| S 21 | 4 2 23 | 29° 8'09 | 3♊34 | 21°44 | 28°53 | 16°59 | 6°16 | 21°18 | 23° 6 | 2°59 | 20°13 | 23°34 | 24°41 | 18°46 | 18° 2 | S 21 |
| S 22 | 4 6 19 | 0♐ 8'32 | 15°45 | 20°44 | 0♐ 8 | 17°43 | 6°29 | 21°22 | 23° 7 | 3° 0 | 20°12 | 23°33 | 24°38 | 18°52 | 17°59 | S 22 |
| M23 | 4 10 16 | 1° 8'58 | 27°47 | 19°54 | 1°24 | 18°27 | 6°41 | 21°27 | 23° 8 | 3° 0 | 20°12 | 23°D33 | 24°35 | 18°59 | 17°56 | M23 |
| T 24 | 4 14 12 | 2° 9'24 | 9♋41 | 19°15 | 2°39 | 19°11 | 6°53 | 21°31 | 23° 9 | 3° 1 | 20°11 | 23°33 | 24°32 | 19° 6 | 17°53 | T 24 |
| W25 | 4 18 9 | 3° 9'53 | 21°30 | 18°48 | 3°55 | 19°55 | 7° 6 | 21°35 | 23°10 | 3° 1 | 20°10 | 23°35 | 24°29 | 19°12 | 17°50 | W25 |
| T 26 | 4 22 5 | 4°10'23 | 3♌18 | 18°32 | 5°10 | 20°39 | 7°18 | 21°39 | 23°11 | 3° 1 | 20° 9 | 23°37 | 24°25 | 19°19 | 17°47 | T 26 |
| F 27 | 4 26 2 | 5°10'55 | 15° 8 | 18°D28 | 6°25 | 21°23 | 7°30 | 21°42 | 23°12 | 3° 2 | 20° 8 | 23°38 | 24°22 | 19°26 | 17°45 | F 27 |
| S 28 | 4 29 58 | 6°11'29 | 27° 6 | 18°35 | 7°41 | 22° 7 | 7°43 | 21°46 | 23°14 | 3° 2 | 20° 8 | 23°39 | 24°19 | 19°32 | 17°42 | S 28 |
| S 29 | 4 33 55 | 7°12'04 | 9♍17 | 18°51 | 8°56 | 22°51 | 7°55 | 21°50 | 23°15 | 3° 2 | 20° 7 | 23°R39 | 24°16 | 19°39 | 17°39 | S 29 |
| M30 | 4 37 52 | 8♐12'41 | 21♍45 | 19♏18 | 10♐11 | 23♐36 | 8♏ 7 | 21♍53 | 23♒17 | 3♍ 2 | 20♋ 6 | 23♐39 | 24♐13 | 19♋46 | 17♉36 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s30 | 6n33 | 4s44 | 23s36 | 3s 2 | 11s40 | 1n10 | 21s 7 | 0s30 | 11s10 | 1n 2 | 5n41 | 1n43 | 14s32 | 0s44 | 10n53 | 0n26 | 19n44 | 2s 8 | 23s16 | 23s19 | 20n33 | 15n13 | 2s19 |
| M 2 | 14 49 | 1 40 | 5 4 | 23 42 | 3 1 | 12 6 | 1 8 | 21 16 | 0 30 | 11 14 | 1 2 | 5 39 | 1 43 | 14 32 | 0 44 | 10 53 | 0 26 | 19 44 | 2 8 | 23 16 | 23 19 | 20 31 | 15 12 | 2 19 |
| T 3 | 15 7 | 3s25 | 5 9 | 23 45 | 2 59 | 12 32 | 1 7 | 21 25 | 0 31 | 11 19 | 1 2 | 5 37 | 1 43 | 14 32 | 0 44 | 10 52 | 0 26 | 19 44 | 2 8 | 23 16 | 23 19 | 20 29 | 15 11 | 2 19 |
| W 4 | 15 26 | 8 30 | 4 58 | 23 47 | 2 56 | 12 58 | 1 5 | 21 33 | 0 32 | 11 23 | 1 3 | 5 35 | 1 43 | 14 32 | 0 44 | 10 52 | 0 26 | 19 44 | 2 8 | 23 16 | 23 19 | 20 28 | 15 10 | 2 19 |
| T 5 | 15 44 | 13 19 | 4 30 | 23 46 | 2 51 | 13 24 | 1 4 | 21 41 | 0 32 | 11 28 | 1 3 | 5 33 | 1 44 | 14 32 | 0 44 | 10 51 | 0 26 | 19 44 | 2 8 | 23 15 | 23 19 | 20 26 | 15 9 | 2 19 |
| F 6 | 16 2 | 17 34 | 3 45 | 23 42 | 2 45 | 13 49 | 1 2 | 21 49 | 0 33 | 11 32 | 1 3 | 5 31 | 1 44 | 14 32 | 0 44 | 10 51 | 0 26 | 19 44 | 2 8 | 23 15 | 23 18 | 20 25 | 15 8 | 2 20 |
| S 7 | 16 20 | 20 51 | 2 46 | 23 35 | 2 38 | 14 14 | 1 0 | 21 57 | 0 33 | 11 36 | 1 3 | 5 29 | 1 44 | 14 32 | 0 44 | 10 51 | 0 26 | 19 44 | 2 8 | 23 15 | 23 18 | 20 23 | 15 7 | 2 20 |
| S 8 | 16 37 | 22 52 | 1 34 | 23 26 | 2 30 | 14 39 | 0 58 | 22 5 | 0 34 | 11 41 | 1 3 | 5 27 | 1 44 | 14 32 | 0 44 | 10 50 | 0 26 | 19 44 | 2 8 | 23 15 | 23 18 | 20 21 | 15 6 | 2 20 |
| M 9 | 16 54 | 23 21 | 0 17 | 23 13 | 2 20 | 15 3 | 0 57 | 22 12 | 0 34 | 11 45 | 1 3 | 5 25 | 1 44 | 14 32 | 0 44 | 10 50 | 0 26 | 19 44 | 2 8 | 23 15 | 23 18 | 20 20 | 15 6 | 2 20 |
| T 10 | 17 11 | 22 14 | 1n 2 | 22 57 | 2 8 | 15 27 | 0 55 | 22 19 | 0 35 | 11 49 | 1 3 | 5 23 | 1 45 | 14 31 | 0 44 | 10 50 | 0 26 | 19 45 | 2 8 | 23 15 | 23 18 | 20 18 | 15 5 | 2 20 |
| W11 | 17 27 | 19 39 | 2 17 | 22 37 | 1 55 | 15 50 | 0 53 | 22 26 | 0 35 | 11 54 | 1 3 | 5 21 | 1 45 | 14 31 | 0 44 | 10 50 | 0 26 | 19 45 | 2 8 | 23 15 | 23 18 | 20 16 | 15 4 | 2 20 |
| T 12 | 17 44 | 15 53 | 3 22 | 22 14 | 1 40 | 16 13 | 0 51 | 22 33 | 0 36 | 11 58 | 1 3 | 5 20 | 1 45 | 14 31 | 0 44 | 10 49 | 0 26 | 19 45 | 2 8 | 23 15 | 23 18 | 20 15 | 15 3 | 2 20 |
| F 13 | 17 59 | 11 15 | 4 15 | 21 47 | 1 24 | 16 36 | 0 49 | 22 40 | 0 36 | 12 2 | 1 3 | 5 18 | 1 45 | 14 31 | 0 44 | 10 49 | 0 26 | 19 45 | 2 8 | 23 15 | 23 18 | 20 13 | 15 2 | 2 20 |
| S 14 | 18 15 | 6 7 | 4 51 | 21 17 | 1 6 | 16 58 | 0 47 | 22 46 | 0 37 | 12 6 | 1 3 | 5 16 | 1 46 | 14 31 | 0 44 | 10 49 | 0 26 | 19 45 | 2 8 | 23 15 | 23 18 | 20 11 | 15 1 | 2 20 |
| S 15 | 18 30 | 0 46 | 5 10 | 20 43 | 0 47 | 17 20 | 0 45 | 22 53 | 0 37 | 12 11 | 1 3 | 5 14 | 1 46 | 14 30 | 0 44 | 10 49 | 0 26 | 19 45 | 2 8 | 23 15 | 23 17 | 20 10 | 15 0 | 2 20 |
| M16 | 18 45 | 4n33 | 5 12 | 20 7 | 0 27 | 17 41 | 0 43 | 22 59 | 0 38 | 12 15 | 1 3 | 5 13 | 1 46 | 14 30 | 0 44 | 10 48 | 0 26 | 19 45 | 2 8 | 23 15 | 23 17 | 20 8 | 14 59 | 2 21 |
| T 17 | 19 0 | 9 33 | 4 56 | 19 29 | 0 6 | 18 2 | 0 41 | 23 4 | 0 38 | 12 19 | 1 3 | 5 11 | 1 46 | 14 30 | 0 44 | 10 48 | 0 26 | 19 45 | 2 8 | 23 14 | 23 17 | 20 6 | 14 58 | 2 21 |
| W18 | 19 14 | 14 3 | 4 26 | 18 51 | 0n15 | 18 22 | 0 39 | 23 10 | 0 39 | 12 23 | 1 3 | 5 9 | 1 46 | 14 30 | 0 44 | 10 48 | 0 26 | 19 45 | 2 8 | 23 14 | 23 17 | 20 5 | 14 57 | 2 21 |
| T 19 | 19 28 | 17 50 | 3 43 | 18 12 | 0 35 | 18 42 | 0 37 | 23 15 | 0 39 | 12 27 | 1 3 | 5 8 | 1 47 | 14 29 | 0 44 | 10 48 | 0 26 | 19 45 | 2 8 | 23 14 | 23 17 | 20 3 | 14 56 | 2 21 |
| F 20 | 19 42 | 20 43 | 2 49 | 17 35 | 0 54 | 19 2 | 0 34 | 23 20 | 0 40 | 12 31 | 1 3 | 5 6 | 1 47 | 14 29 | 0 44 | 10 48 | 0 26 | 19 46 | 2 8 | 23 14 | 23 17 | 20 1 | 14 55 | 2 21 |
| S 21 | 19 55 | 22 35 | 1 48 | 17 0 | 1 12 | 19 20 | 0 32 | 23 25 | 0 40 | 12 35 | 1 3 | 5 5 | 1 47 | 14 29 | 0 44 | 10 48 | 0 26 | 19 46 | 2 8 | 23 14 | 23 17 | 19 59 | 14 55 | 2 21 |
| S 22 | 20 8 | 23 20 | 0 43 | 16 28 | 1 28 | 19 39 | 0 30 | 23 30 | 0 41 | 12 39 | 1 3 | 5 3 | 1 47 | 14 28 | 0 44 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 17 | 19 58 | 14 54 | 2 21 |
| M23 | 20 21 | 22 59 | 0s23 | 16 1 | 1 43 | 19 56 | 0 28 | 23 34 | 0 41 | 12 43 | 1 3 | 5 2 | 1 48 | 14 28 | 0 44 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 16 | 19 56 | 14 53 | 2 21 |
| T 24 | 20 33 | 21 34 | 1 28 | 15 39 | 1 56 | 20 14 | 0 25 | 23 38 | 0 42 | 12 47 | 1 3 | 5 1 | 1 48 | 14 27 | 0 43 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 16 | 19 54 | 14 52 | 2 21 |
| W25 | 20 44 | 19 14 | 2 28 | 15 21 | 2 6 | 20 30 | 0 23 | 23 42 | 0 42 | 12 51 | 1 3 | 4 59 | 1 48 | 14 27 | 0 43 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 16 | 19 53 | 14 51 | 2 21 |
| T 26 | 20 56 | 16 5 | 3 22 | 15 9 | 2 14 | 20 46 | 0 21 | 23 46 | 0 43 | 12 55 | 1 3 | 4 58 | 1 48 | 14 27 | 0 43 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 16 | 19 51 | 14 50 | 2 21 |
| F 27 | 21 7 | 12 18 | 4 8 | 15 1 | 2 21 | 21 2 | 0 19 | 23 49 | 0 43 | 12 59 | 1 3 | 4 57 | 1 49 | 14 26 | 0 43 | 10 47 | 0 26 | 19 46 | 2 8 | 23 14 | 23 16 | 19 49 | 14 49 | 2 21 |
| S 28 | 21 18 | 8 0 | 4 44 | 14 59 | 2 26 | 21 16 | 0 16 | 23 53 | 0 44 | 13 3 | 1 3 | 4 55 | 1 49 | 14 26 | 0 43 | 10 47 | 0 26 | 19 47 | 2 8 | 23 14 | 23 16 | 19 47 | 14 48 | 2 21 |
| S 29 | 21 28 | 3 19 | 5 7 | 15 0 | 2 29 | 21 31 | 0 14 | 23 56 | 0 44 | 13 7 | 1 3 | 4 54 | 1 49 | 14 25 | 0 43 | 10 47 | 0 26 | 19 47 | 2 8 | 23 14 | 23 16 | 19 46 | 14 48 | 2 21 |
| M30 | 21s38 | 1s35 | 5s17 | 15s 6 | 2n30 | 21s44 | 0n11 | 23s58 | 0s45 | 13s11 | 1n 3 | 4n53 | 1n49 | 14s25 | 0s43 | 10n47 | 0n26 | 19n47 | 2s 8 | 23s14 | 23s15 | 19n44 | 14n47 | 2s21 |

Julian Day Number = 2605251.5, Delta T = 09m39s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'26, Lahiri = 29°44'28


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# ASTRODIENST EPHEMERIS for the year 2420
# geocentric

## DECEMBER 2420 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 41 48 | 9♐13'20 | 4♎34 | 19♏52 | 11♐27 | 24♐20 | 8♏19 | 21♍57 | 23♒18 | 3♍ 2 | 20°R 5 | 23°R38 | 24♐10 | 19♋52 | 17°R33 | T 1 |
| W 2 | 4 45 45 | 10°14'00 | 17°47 | 20°35 | 12°42 | 25° 4 | 8°31 | 22° 0 | 23°19 | 3° 2 | 20♋ 4 | 23♐36 | 24° 6 | 19°59 | 17♉30 | W 2 |
| T 3 | 4 49 41 | 11°14'42 | 1♏27 | 21°24 | 13°58 | 25°49 | 8°43 | 22° 3 | 23°21 | 3° 3 | 20° 3 | 23°34 | 24° 3 | 20° 6 | 17°28 | T 3 |
| F 4 | 4 53 38 | 12°15'25 | 15°33 | 22°19 | 15°13 | 26°33 | 8°55 | 22° 6 | 23°23 | 3° 3 | 20° 2 | 23°33 | 24° 0 | 20°12 | 17°25 | F 4 |
| S 5 | 4 57 34 | 13°16'10 | 0♐ 2 | 23°19 | 16°28 | 27°18 | 9° 7 | 22°10 | 23°24 | 3°R 3 | 20° 1 | 23°32 | 23°57 | 20°19 | 17°22 | S 5 |
| S 6 | 5 1 31 | 14°16'57 | 14°48 | 24°23 | 17°44 | 28° 3 | 9°19 | 22°12 | 23°26 | 3° 3 | 20° 0 | 23°31 | 23°54 | 20°26 | 17°19 | S 6 |
| M 7 | 5 5 27 | 15°17'44 | 29°45 | 25°32 | 18°59 | 28°47 | 9°30 | 22°15 | 23°28 | 3° 3 | 19°59 | 23°D31 | 23°50 | 20°32 | 17°17 | M 7 |
| T 8 | 5 9 24 | 16°18'33 | 14♑45 | 26°43 | 20°15 | 29°32 | 9°42 | 22°18 | 23°29 | 3° 2 | 19°58 | 23°31 | 23°47 | 20°39 | 17°14 | T 8 |
| W 9 | 5 13 21 | 17°19'23 | 29°38 | 27°58 | 21°30 | 0♑17 | 9°54 | 22°21 | 23°31 | 3° 2 | 19°57 | 23°32 | 23°44 | 20°46 | 17°12 | W 9 |
| T 10 | 5 17 17 | 18°20'13 | 14♒18 | 29°15 | 22°45 | 1° 2 | 10° 5 | 22°23 | 23°33 | 3° 2 | 19°56 | 23°32 | 23°41 | 20°52 | 17° 9 | T 10 |
| F 11 | 5 21 14 | 19°21'05 | 28°40 | 0♓35 | 24° 1 | 1°47 | 10°17 | 22°26 | 23°35 | 3° 2 | 19°55 | 23°33 | 23°38 | 20°59 | 17° 7 | F 11 |
| S 12 | 5 25 10 | 20°21'57 | 12♓42 | 1°56 | 25°16 | 2°32 | 10°28 | 22°28 | 23°37 | 3° 2 | 19°54 | 23°33 | 23°35 | 21° 6 | 17° 4 | S 12 |
| S 13 | 5 29 7 | 21°22'50 | 26°22 | 3°19 | 26°32 | 3°17 | 10°40 | 22°30 | 23°39 | 3° 1 | 19°53 | 23°R33 | 23°31 | 21°12 | 17° 2 | S 13 |
| M14 | 5 33 3 | 22°23'43 | 9♈42 | 4°43 | 27°47 | 4° 2 | 10°51 | 22°32 | 23°41 | 3° 1 | 19°52 | 23°33 | 23°28 | 21°19 | 16°59 | M14 |
| T 15 | 5 37 0 | 23°24'37 | 22°43 | 6° 8 | 29° 3 | 4°47 | 11° 2 | 22°34 | 23°43 | 3° 1 | 19°51 | 23°D33 | 23°25 | 21°26 | 16°57 | T 15 |
| W16 | 5 40 56 | 24°25'32 | 5♉27 | 7°34 | 0♑18 | 5°32 | 11°13 | 22°36 | 23°45 | 3° 0 | 19°50 | 23°33 | 23°22 | 21°32 | 16°55 | W16 |
| T 17 | 5 44 53 | 25°26'28 | 17°57 | 9° 1 | 1°33 | 6°17 | 11°24 | 22°38 | 23°47 | 3° 0 | 19°49 | 23°33 | 23°19 | 21°39 | 16°52 | T 17 |
| F 18 | 5 48 50 | 26°27'25 | 0♊15 | 10°29 | 2°49 | 7° 2 | 11°35 | 22°40 | 23°50 | 3° 0 | 19°48 | 23°33 | 23°16 | 21°46 | 16°50 | F 18 |
| S 19 | 5 52 46 | 27°28'22 | 12°23 | 11°57 | 4° 4 | 7°48 | 11°46 | 22°41 | 23°52 | 2°59 | 19°47 | 23°34 | 23°12 | 21°52 | 16°48 | S 19 |
| S 20 | 5 56 43 | 28°29'20 | 24°23 | 13°26 | 5°20 | 8°33 | 11°57 | 22°43 | 23°54 | 2°59 | 19°45 | 23°R34 | 23° 9 | 21°59 | 16°46 | S 20 |
| M21 | 6 0 39 | 29°30'18 | 6♋18 | 14°56 | 6°35 | 9°18 | 12° 8 | 22°44 | 23°57 | 2°58 | 19°44 | 23°34 | 23° 6 | 22° 6 | 16°44 | M21 |
| T 22 | 6 4 36 | 0♑31'18 | 18° 8 | 16°26 | 7°50 | 10° 4 | 12°19 | 22°46 | 23°59 | 2°58 | 19°43 | 23°33 | 23° 3 | 22°12 | 16°42 | T 22 |
| W23 | 6 8 32 | 1°32'18 | 29°57 | 17°56 | 9° 6 | 10°49 | 12°29 | 22°47 | 24° 1 | 2°57 | 19°42 | 23°32 | 23° 0 | 22°19 | 16°40 | W23 |
| T 24 | 6 12 29 | 2°33'19 | 11♌46 | 19°26 | 10°21 | 11°35 | 12°40 | 22°48 | 24° 4 | 2°56 | 19°41 | 23°31 | 22°56 | 22°26 | 16°38 | T 24 |
| F 25 | 6 16 26 | 3°34'21 | 23°39 | 20°57 | 11°37 | 12°21 | 12°50 | 22°49 | 24° 6 | 2°56 | 19°40 | 23°29 | 22°53 | 22°32 | 16°36 | F 25 |
| S 26 | 6 20 22 | 4°35'23 | 5♍38 | 22°29 | 12°52 | 13° 6 | 13° 0 | 22°50 | 24° 9 | 2°55 | 19°38 | 23°28 | 22°50 | 22°39 | 16°34 | S 26 |
| S 27 | 6 24 19 | 5°36'27 | 17°47 | 24° 0 | 14° 7 | 13°52 | 13°11 | 22°50 | 24°11 | 2°54 | 19°37 | 23°27 | 22°47 | 22°46 | 16°32 | S 27 |
| M28 | 6 28 15 | 6°37'31 | 0♎11 | 25°32 | 15°23 | 14°38 | 13°21 | 22°51 | 24°14 | 2°54 | 19°36 | 23°26 | 22°44 | 22°52 | 16°31 | M28 |
| T 29 | 6 32 12 | 7°38'36 | 12°54 | 27° 4 | 16°38 | 15°23 | 13°31 | 22°51 | 24°16 | 2°53 | 19°35 | 23°D26 | 22°41 | 22°59 | 16°29 | T 29 |
| W30 | 6 36 8 | 8°39'41 | 25°59 | 28°36 | 17°53 | 16° 9 | 13°41 | 22°52 | 24°19 | 2°52 | 19°33 | 23°27 | 22°37 | 23° 6 | 16°27 | W30 |
| T 31 | 6 40 5 | 9♑40'48 | 9♏29 | 0♑ 8 | 19♑ 9 | 16♑55 | 13♏50 | 22♍52 | 24♒22 | 2♍51 | 19♋32 | 23♐28 | 22♐34 | 23♋12 | 16♉26 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s47 | 6s34 | 5s11 | 15s15 | 2n30 | 21s57 | 0n 9 | 24s 1 | 0s45 | 13s15 | 1n 3 | 4n52 | 1n49 | 14s24 | 0s43 | 10n47 | 0n27 | 19n47 | 2s 8 | 23s14 | 23s15 | 19n42 | 14n46 | 2s21 |
| W 2 | 21 56 | 11 25 | 4 49 | 15 27 | 2 29 | 22 9 | 0 7 | 24 3 | 0 46 | 13 19 | 1 3 | 4 51 | 1 50 | 14 24 | 0 43 | 10 47 | 0 27 | 19 47 | 2 7 | 23 14 | 23 15 | 19 40 | 14 45 | 2 21 |
| T 3 | 22 5 | 15 52 | 4 10 | 15 42 | 2 27 | 22 21 | 0 4 | 24 5 | 0 46 | 13 22 | 1 3 | 4 50 | 1 50 | 14 23 | 0 43 | 10 47 | 0 27 | 19 47 | 2 7 | 23 14 | 23 15 | 19 39 | 14 44 | 2 21 |
| F 4 | 22 13 | 19 35 | 3 16 | 15 59 | 2 24 | 22 32 | 0 2 | 24 7 | 0 46 | 13 26 | 1 4 | 4 49 | 1 50 | 14 23 | 0 43 | 10 47 | 0 27 | 19 47 | 2 7 | 23 14 | 23 15 | 19 37 | 14 44 | 2 21 |
| S 5 | 22 20 | 22 11 | 2 7 | 16 18 | 2 20 | 22 42 | 0s 1 | 24 8 | 0 47 | 13 30 | 1 4 | 4 48 | 1 51 | 14 22 | 0 43 | 10 47 | 0 27 | 19 48 | 2 7 | 23 14 | 23 15 | 19 35 | 14 43 | 2 21 |
| S 6 | 22 28 | 23 19 | 0 48 | 16 38 | 2 16 | 22 52 | 0 3 | 24 9 | 0 47 | 13 33 | 1 4 | 4 47 | 1 51 | 14 21 | 0 43 | 10 47 | 0 27 | 19 48 | 2 7 | 23 14 | 23 15 | 19 33 | 14 42 | 2 21 |
| M 7 | 22 35 | 22 48 | 0n35 | 16 59 | 2 10 | 23 1 | 0 5 | 24 10 | 0 48 | 13 37 | 1 4 | 4 46 | 1 51 | 14 21 | 0 43 | 10 47 | 0 27 | 19 48 | 2 7 | 23 14 | 23 14 | 19 32 | 14 41 | 2 22 |
| T 8 | 22 41 | 20 40 | 1 55 | 17 21 | 2 5 | 23 9 | 0 8 | 24 11 | 0 48 | 13 41 | 1 4 | 4 45 | 1 51 | 14 20 | 0 43 | 10 47 | 0 27 | 19 48 | 2 7 | 23 14 | 23 14 | 19 30 | 14 41 | 2 22 |
| W 9 | 22 47 | 17 7 | 3 8 | 17 44 | 1 59 | 23 17 | 0 10 | 24 12 | 0 49 | 13 44 | 1 4 | 4 44 | 1 52 | 14 19 | 0 43 | 10 47 | 0 27 | 19 48 | 2 7 | 23 14 | 23 14 | 19 28 | 14 40 | 2 22 |
| T 10 | 22 52 | 12 34 | 4 6 | 18 7 | 1 52 | 23 24 | 0 13 | 24 12 | 0 49 | 13 48 | 1 4 | 4 44 | 1 52 | 14 19 | 0 43 | 10 47 | 0 27 | 19 49 | 2 7 | 23 14 | 23 14 | 19 26 | 14 39 | 2 22 |
| F 11 | 22 57 | 7 24 | 4 49 | 18 30 | 1 46 | 23 30 | 0 15 | 24 12 | 0 49 | 13 51 | 1 4 | 4 43 | 1 52 | 14 18 | 0 43 | 10 47 | 0 27 | 19 49 | 2 7 | 23 14 | 23 14 | 19 25 | 14 38 | 2 22 |
| S 12 | 23 2 | 1 58 | 5 12 | 18 53 | 1 39 | 23 35 | 0 17 | 24 11 | 0 50 | 13 55 | 1 4 | 4 42 | 1 52 | 14 18 | 0 43 | 10 47 | 0 27 | 19 49 | 2 7 | 23 14 | 23 14 | 19 23 | 14 38 | 2 22 |
| S 13 | 23 6 | 3n25 | 5 18 | 19 16 | 1 32 | 23 40 | 0 20 | 24 11 | 0 50 | 13 58 | 1 4 | 4 42 | 1 53 | 14 17 | 0 43 | 10 47 | 0 27 | 19 49 | 2 7 | 23 14 | 23 14 | 19 21 | 14 37 | 2 22 |
| M14 | 23 10 | 8 31 | 5 5 | 19 39 | 1 24 | 23 44 | 0 22 | 24 10 | 0 51 | 14 2 | 1 4 | 4 41 | 1 53 | 14 16 | 0 43 | 10 47 | 0 27 | 19 49 | 2 7 | 23 14 | 23 13 | 19 19 | 14 36 | 2 22 |
| T 15 | 23 13 | 13 7 | 4 38 | 20 1 | 1 17 | 23 47 | 0 24 | 24 9 | 0 51 | 14 5 | 1 4 | 4 40 | 1 53 | 14 15 | 0 43 | 10 48 | 0 27 | 19 49 | 2 7 | 23 14 | 23 13 | 19 17 | 14 36 | 2 22 |
| W16 | 23 16 | 17 2 | 3 57 | 20 23 | 1 10 | 23 50 | 0 27 | 24 7 | 0 51 | 14 8 | 1 4 | 4 40 | 1 53 | 14 15 | 0 43 | 10 48 | 0 27 | 19 50 | 2 7 | 23 14 | 23 13 | 19 16 | 14 35 | 2 22 |
| T 17 | 23 18 | 20 6 | 3 5 | 20 44 | 1 2 | 23 51 | 0 29 | 24 6 | 0 52 | 14 12 | 1 5 | 4 39 | 1 54 | 14 14 | 0 43 | 10 48 | 0 27 | 19 50 | 2 7 | 23 14 | 23 13 | 19 14 | 14 34 | 2 22 |
| F 18 | 23 20 | 22 13 | 2 6 | 21 4 | 0 54 | 23 53 | 0 31 | 24 4 | 0 52 | 14 15 | 1 5 | 4 39 | 1 54 | 14 13 | 0 43 | 10 48 | 0 27 | 19 50 | 2 7 | 23 14 | 23 13 | 19 12 | 14 34 | 2 22 |
| S 19 | 23 22 | 23 15 | 1 2 | 21 24 | 0 47 | 23 53 | 0 34 | 24 2 | 0 52 | 14 18 | 1 5 | 4 39 | 1 54 | 14 12 | 0 43 | 10 48 | 0 27 | 19 50 | 2 7 | 23 14 | 23 13 | 19 10 | 14 33 | 2 22 |
| S 20 | 23 23 | 23 11 | 0s 5 | 21 43 | 0 39 | 23 52 | 0 36 | 23 59 | 0 53 | 14 21 | 1 5 | 4 38 | 1 54 | 14 12 | 0 43 | 10 48 | 0 27 | 19 50 | 2 7 | 23 14 | 23 12 | 19 8 | 14 33 | 2 22 |
| M21 | 23 23 | 22 4 | 1 10 | 22 0 | 0 32 | 23 51 | 0 38 | 23 57 | 0 53 | 14 25 | 1 5 | 4 38 | 1 55 | 14 11 | 0 43 | 10 49 | 0 27 | 19 51 | 2 7 | 23 14 | 23 12 | 19 7 | 14 32 | 2 22 |
| T 22 | 23 23 | 19 58 | 2 12 | 22 17 | 0 24 | 23 49 | 0 40 | 23 54 | 0 54 | 14 28 | 1 5 | 4 38 | 1 55 | 14 10 | 0 43 | 10 49 | 0 27 | 19 51 | 2 7 | 23 14 | 23 12 | 19 5 | 14 32 | 2 22 |
| W23 | 23 23 | 17 2 | 3 9 | 22 33 | 0 17 | 23 47 | 0 42 | 23 50 | 0 54 | 14 31 | 1 5 | 4 37 | 1 55 | 14 9 | 0 43 | 10 49 | 0 27 | 19 51 | 2 7 | 23 14 | 23 12 | 19 3 | 14 31 | 2 22 |
| T 24 | 23 22 | 13 25 | 3 57 | 22 48 | 0 10 | 23 43 | 0 45 | 23 47 | 0 54 | 14 34 | 1 5 | 4 37 | 1 56 | 14 8 | 0 43 | 10 49 | 0 27 | 19 51 | 2 7 | 23 14 | 23 12 | 19 1 | 14 30 | 2 21 |
| F 25 | 23 20 | 9 16 | 4 35 | 23 2 | 0 2 | 23 39 | 0 47 | 23 43 | 0 55 | 14 37 | 1 5 | 4 37 | 1 56 | 14 8 | 0 43 | 10 50 | 0 27 | 19 51 | 2 7 | 23 13 | 23 12 | 18 59 | 14 30 | 2 21 |
| S 26 | 23 18 | 4 44 | 5 2 | 23 15 | 0s 5 | 23 34 | 0 49 | 23 39 | 0 55 | 14 40 | 1 5 | 4 37 | 1 56 | 14 7 | 0 43 | 10 50 | 0 27 | 19 52 | 2 7 | 23 13 | 23 11 | 18 57 | 14 29 | 2 21 |
| S 27 | 23 16 | 0s 2 | 5 15 | 23 27 | 0 12 | 23 29 | 0 51 | 23 35 | 0 55 | 14 43 | 1 5 | 4 37 | 1 56 | 14 6 | 0 43 | 10 50 | 0 27 | 19 52 | 2 7 | 23 13 | 23 11 | 18 56 | 14 29 | 2 21 |
| M28 | 23 13 | 4 53 | 5 15 | 23 37 | 0 19 | 23 22 | 0 53 | 23 30 | 0 56 | 14 46 | 1 6 | 4 37 | 1 57 | 14 5 | 0 42 | 10 51 | 0 27 | 19 52 | 2 7 | 23 13 | 23 11 | 18 54 | 14 29 | 2 21 |
| T 29 | 23 10 | 9 40 | 4 59 | 23 47 | 0 26 | 23 15 | 0 55 | 23 26 | 0 56 | 14 49 | 1 6 | 4 37 | 1 57 | 14 4 | 0 42 | 10 51 | 0 27 | 19 52 | 2 6 | 23 13 | 23 11 | 18 52 | 14 28 | 2 21 |
| W30 | 23 6 | 14 10 | 4 27 | 23 55 | 0 32 | 23 8 | 0 57 | 23 20 | 0 56 | 14 52 | 1 6 | 4 37 | 1 57 | 14 3 | 0 42 | 10 51 | 0 27 | 19 53 | 2 6 | 23 13 | 23 11 | 18 50 | 14 28 | 2 21 |
| T 31 | 23s 2 | 18s 6 | 3s40 | 24s 2 | 0s39 | 22s59 | 0s59 | 23s15 | 0s57 | 14s54 | 1n 6 | 4n37 | 1n57 | 14s 2 | 0s42 | 10n51 | 0n27 | 19n53 | 2s 6 | 23s13 | 23s11 | 18n48 | 14n27 | 2s21 |

Julian Day Number = 2605281.5, Delta T = 09m39s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'30, Lahiri = 29°44'32


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## JANUARY 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 44 1 | 10♑41'55 | 23♏27 | 1♑41 | 20♑24 | 17♑41 | 14♏ 0 | 22♍52 | 24♒25 | 2°R50 | 19°R31 | 23♐29 | 22♐31 | 23♋19 | 16°R24 | F 1 |
| S 2 | 6 47 58 | 11°43'03 | 7♐51 | 3°14 | 21°40 | 18°27 | 14°10 | 22°R52 | 24°27 | 2♍49 | 19♋30 | 23°30 | 22°28 | 23°26 | 16♉23 | S 2 |
| S 3 | 6 51 55 | 12°44'11 | 22°39 | 4°47 | 22°55 | 19°13 | 14°19 | 22°52 | 24°30 | 2°49 | 19°29 | 23°R31 | 22°25 | 23°32 | 16°22 | S 3 |
| M 4 | 6 55 51 | 13°45'20 | 7♑45 | 6°21 | 24°10 | 19°59 | 14°29 | 22°52 | 24°33 | 2°48 | 19°27 | 23°30 | 22°22 | 23°39 | 16°20 | M 4 |
| T 5 | 6 59 48 | 14°46'29 | 22°59 | 7°54 | 25°26 | 20°45 | 14°38 | 22°52 | 24°36 | 2°47 | 19°26 | 23°29 | 22°18 | 23°46 | 16°19 | T 5 |
| W 6 | 7 3 44 | 15°47'38 | 8♒12 | 9°28 | 26°41 | 21°31 | 14°47 | 22°51 | 24°39 | 2°46 | 19°25 | 23°26 | 22°15 | 23°52 | 16°18 | W 6 |
| T 7 | 7 7 41 | 16°48'47 | 23°14 | 11° 3 | 27°57 | 22°17 | 14°56 | 22°51 | 24°42 | 2°45 | 19°24 | 23°23 | 22°12 | 23°59 | 16°17 | T 7 |
| F 8 | 7 11 37 | 17°49'56 | 7♓56 | 12°37 | 29°12 | 23° 4 | 15° 5 | 22°50 | 24°44 | 2°43 | 19°22 | 23°19 | 22° 9 | 24° 6 | 16°16 | F 8 |
| S 9 | 7 15 34 | 18°51'04 | 22°13 | 14°12 | 0♒27 | 23°50 | 15°14 | 22°50 | 24°47 | 2°42 | 19°21 | 23°16 | 22° 6 | 24°12 | 16°15 | S 9 |
| S 10 | 7 19 30 | 19°52'13 | 6♈ 3 | 15°48 | 1°43 | 24°36 | 15°23 | 22°49 | 24°50 | 2°41 | 19°20 | 23°15 | 22° 2 | 24°19 | 16°14 | S 10 |
| M11 | 7 23 27 | 20°53'21 | 19°25 | 17°23 | 2°58 | 25°23 | 15°32 | 22°48 | 24°53 | 2°40 | 19°19 | 23°D14 | 21°59 | 24°26 | 16°13 | M11 |
| T 12 | 7 27 24 | 21°54'29 | 2♉23 | 18°59 | 4°13 | 26° 9 | 15°40 | 22°47 | 24°56 | 2°39 | 19°17 | 23°14 | 21°56 | 24°32 | 16°12 | T 12 |
| W13 | 7 31 20 | 22°55'36 | 14°59 | 20°36 | 5°29 | 26°55 | 15°49 | 22°46 | 24°59 | 2°38 | 19°16 | 23°16 | 21°53 | 24°39 | 16°11 | W13 |
| T 14 | 7 35 17 | 23°56'44 | 27°19 | 22°13 | 6°44 | 27°42 | 15°57 | 22°44 | 25° 3 | 2°37 | 19°15 | 23°17 | 21°50 | 24°46 | 16°10 | T 14 |
| F 15 | 7 39 13 | 24°57'50 | 9♊25 | 23°50 | 7°59 | 28°28 | 16° 5 | 22°43 | 25° 6 | 2°35 | 19°14 | 23°19 | 21°47 | 24°52 | 16°10 | F 15 |
| S 16 | 7 43 10 | 25°58'57 | 21°23 | 25°27 | 9°15 | 29°15 | 16°13 | 22°41 | 25° 9 | 2°34 | 19°12 | 23°R20 | 21°43 | 24°59 | 16° 9 | S 16 |
| S 17 | 7 47 6 | 27° 0'03 | 3♋15 | 27° 5 | 10°30 | 0♒ 1 | 16°21 | 22°40 | 25°12 | 2°33 | 19°11 | 23°19 | 21°40 | 25° 6 | 16° 9 | S 17 |
| M18 | 7 51 3 | 28° 1'09 | 15° 4 | 28°44 | 11°45 | 0°48 | 16°29 | 22°38 | 25°15 | 2°31 | 19°10 | 23°17 | 21°37 | 25°12 | 16° 8 | M18 |
| T 19 | 7 54 59 | 29° 2'14 | 26°53 | 0♒23 | 13° 0 | 1°34 | 16°36 | 22°36 | 25°18 | 2°30 | 19° 9 | 23°13 | 21°34 | 25°19 | 16° 8 | T 19 |
| W20 | 7 58 56 | 0♒ 3'19 | 8♌43 | 2° 2 | 14°16 | 2°21 | 16°44 | 22°34 | 25°22 | 2°29 | 19° 7 | 23° 7 | 21°31 | 25°26 | 16° 7 | W20 |
| T 21 | 8 2 53 | 1° 4'24 | 20°37 | 3°42 | 15°31 | 3° 8 | 16°51 | 22°32 | 25°25 | 2°27 | 19° 6 | 23° 0 | 21°28 | 25°32 | 16° 7 | T 21 |
| F 22 | 8 6 49 | 2° 5'29 | 2♍36 | 5°23 | 16°46 | 3°54 | 16°58 | 22°30 | 25°28 | 2°26 | 19° 5 | 22°52 | 21°24 | 25°39 | 16° 7 | F 22 |
| S 23 | 8 10 46 | 3° 6'33 | 14°41 | 7° 4 | 18° 1 | 4°41 | 17° 5 | 22°28 | 25°31 | 2°25 | 19° 4 | 22°45 | 21°21 | 25°46 | 16° 7 | S 23 |
| S 24 | 8 14 42 | 4° 7'36 | 26°56 | 8°45 | 19°16 | 5°28 | 17°12 | 22°26 | 25°35 | 2°23 | 19° 3 | 22°38 | 21°18 | 25°52 | 16° 7 | S 24 |
| M25 | 8 18 39 | 5° 8'40 | 9♎22 | 10°27 | 20°32 | 6°15 | 17°19 | 22°23 | 25°38 | 2°22 | 19° 1 | 22°33 | 21°15 | 25°59 | 16°D 7 | M25 |
| T 26 | 8 22 35 | 6° 9'43 | 22° 3 | 12° 9 | 21°47 | 7° 1 | 17°26 | 22°21 | 25°41 | 2°20 | 19° 0 | 22°30 | 21°12 | 26° 6 | 16° 7 | T 26 |
| W27 | 8 26 32 | 7°10'46 | 5♏ 2 | 13°51 | 23° 2 | 7°48 | 17°32 | 22°18 | 25°45 | 2°19 | 18°59 | 22°D29 | 21° 8 | 26°12 | 16° 7 | W27 |
| T 28 | 8 30 28 | 8°11'48 | 18°22 | 15°34 | 24°17 | 8°35 | 17°38 | 22°16 | 25°48 | 2°17 | 18°58 | 22°29 | 21° 5 | 26°19 | 16° 7 | T 28 |
| F 29 | 8 34 25 | 9°12'51 | 2♐ 6 | 17°17 | 25°32 | 9°22 | 17°45 | 22°13 | 25°51 | 2°16 | 18°57 | 22°31 | 21° 2 | 26°26 | 16° 7 | F 29 |
| S 30 | 8 38 22 | 10°13'53 | 16°15 | 19° 1 | 26°47 | 10° 9 | 17°51 | 22°10 | 25°55 | 2°14 | 18°55 | 22°R32 | 20°59 | 26°32 | 16° 8 | S 30 |
| S 31 | 8 42 18 | 11♒14'54 | 0♑49 | 20♒44 | 28♒ 2 | 10♒56 | 17♏57 | 22♍ 7 | 25♒58 | 2♍13 | 18♋54 | 22♐31 | 20♐56 | 26♋39 | 16♉ 8 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22s57 | 21s 9 | 2s39 | 24s 8 | 0s45 | 22s50 | 1s 0 | 23s10 | 0s57 | 14s57 | 1n 6 | 4n38 | 1n58 | 14s 1 | 0s42 | 10n52 | 0n27 | 19n53 | 2s 6 | 23s13 | 23s10 | 18n46 | 14n27 | 2s21 |
| S 2 | 22 52 | 22 59 | 1 26 | 24 12 | 0 51 | 22 40 | 1 2 | 23 4 | 0 57 | 15 0 | 1 6 | 4 38 | 1 58 | 14 0 | 0 42 | 10 52 | 0 27 | 19 53 | 2 6 | 23 14 | 23 10 | 18 45 | 14 27 | 2 21 |
| S 3 | 22 47 | 23 16 | 0 5 | 24 15 | 0 57 | 22 30 | 1 4 | 22 58 | 0 58 | 15 3 | 1 6 | 4 38 | 1 58 | 13 59 | 0 42 | 10 52 | 0 27 | 19 53 | 2 6 | 23 14 | 23 10 | 18 43 | 14 26 | 2 21 |
| M 4 | 22 41 | 21 52 | 1n18 | 24 17 | 1 3 | 22 19 | 1 6 | 22 51 | 0 58 | 15 5 | 1 6 | 4 38 | 1 59 | 13 58 | 0 42 | 10 53 | 0 27 | 19 54 | 2 6 | 23 14 | 23 10 | 18 41 | 14 26 | 2 21 |
| T 5 | 22 34 | 18 52 | 2 36 | 24 18 | 1 9 | 22 7 | 1 8 | 22 45 | 0 58 | 15 8 | 1 7 | 4 39 | 1 59 | 13 57 | 0 42 | 10 53 | 0 27 | 19 54 | 2 6 | 23 13 | 23 10 | 18 39 | 14 26 | 2 21 |
| W 6 | 22 27 | 14 36 | 3 42 | 24 17 | 1 14 | 21 54 | 1 9 | 22 38 | 0 58 | 15 10 | 1 7 | 4 39 | 1 59 | 13 57 | 0 42 | 10 54 | 0 27 | 19 54 | 2 6 | 23 13 | 23 9 | 18 37 | 14 25 | 2 21 |
| T 7 | 22 20 | 9 27 | 4 32 | 24 15 | 1 20 | 21 41 | 1 11 | 22 31 | 0 59 | 15 13 | 1 7 | 4 40 | 1 59 | 13 56 | 0 42 | 10 54 | 0 27 | 19 54 | 2 6 | 23 13 | 23 9 | 18 35 | 14 25 | 2 21 |
| F 8 | 22 12 | 3 52 | 5 3 | 24 11 | 1 25 | 21 27 | 1 12 | 22 23 | 0 59 | 15 15 | 1 7 | 4 40 | 2 0 | 13 55 | 0 42 | 10 54 | 0 27 | 19 55 | 2 6 | 23 13 | 23 9 | 18 33 | 14 25 | 2 21 |
| S 9 | 22 4 | 1n45 | 5 15 | 24 7 | 1 29 | 21 12 | 1 14 | 22 16 | 0 59 | 15 18 | 1 7 | 4 41 | 2 0 | 13 54 | 0 42 | 10 55 | 0 27 | 19 55 | 2 6 | 23 13 | 23 9 | 18 31 | 14 24 | 2 21 |
| S 10 | 21 55 | 7 6 | 5 7 | 24 0 | 1 34 | 20 57 | 1 15 | 22 8 | 0 59 | 15 20 | 1 7 | 4 41 | 2 0 | 13 53 | 0 42 | 10 55 | 0 27 | 19 55 | 2 6 | 23 13 | 23 9 | 18 30 | 14 24 | 2 21 |
| M11 | 21 46 | 11 56 | 4 43 | 23 53 | 1 38 | 20 42 | 1 17 | 22 0 | 1 0 | 15 23 | 1 7 | 4 42 | 2 0 | 13 51 | 0 42 | 10 56 | 0 28 | 19 55 | 2 6 | 23 13 | 23 9 | 18 28 | 14 24 | 2 21 |
| T 12 | 21 36 | 16 6 | 4 4 | 23 44 | 1 42 | 20 25 | 1 18 | 21 51 | 1 0 | 15 25 | 1 7 | 4 42 | 2 1 | 13 50 | 0 42 | 10 56 | 0 28 | 19 56 | 2 6 | 23 13 | 23 8 | 18 26 | 14 24 | 2 21 |
| W13 | 21 26 | 19 24 | 3 15 | 23 33 | 1 46 | 20 8 | 1 19 | 21 43 | 1 0 | 15 27 | 1 8 | 4 43 | 2 1 | 13 49 | 0 42 | 10 57 | 0 28 | 19 56 | 2 6 | 23 13 | 23 8 | 18 24 | 14 24 | 2 21 |
| T 14 | 21 16 | 21 45 | 2 18 | 23 22 | 1 50 | 19 51 | 1 20 | 21 34 | 1 0 | 15 29 | 1 8 | 4 44 | 2 1 | 13 48 | 0 42 | 10 57 | 0 28 | 19 56 | 2 6 | 23 13 | 23 8 | 18 22 | 14 23 | 2 21 |
| F 15 | 21 5 | 23 3 | 1 16 | 23 8 | 1 53 | 19 33 | 1 22 | 21 25 | 1 1 | 15 32 | 1 8 | 4 45 | 2 1 | 13 47 | 0 42 | 10 57 | 0 28 | 19 56 | 2 6 | 23 13 | 23 8 | 18 20 | 14 23 | 2 21 |
| S 16 | 20 54 | 23 17 | 0 11 | 22 54 | 1 56 | 19 14 | 1 23 | 21 15 | 1 1 | 15 34 | 1 8 | 4 46 | 2 2 | 13 46 | 0 42 | 10 58 | 0 28 | 19 56 | 2 5 | 23 13 | 23 8 | 18 18 | 14 23 | 2 21 |
| S 17 | 20 43 | 22 27 | 0s54 | 22 38 | 1 58 | 18 55 | 1 24 | 21 6 | 1 1 | 15 36 | 1 8 | 4 46 | 2 2 | 13 45 | 0 42 | 10 58 | 0 28 | 19 57 | 2 5 | 23 13 | 23 7 | 18 16 | 14 23 | 2 21 |
| M18 | 20 31 | 20 37 | 1 56 | 22 20 | 2 1 | 18 35 | 1 25 | 20 56 | 1 1 | 15 38 | 1 8 | 4 47 | 2 2 | 13 44 | 0 42 | 10 59 | 0 28 | 19 57 | 2 5 | 23 13 | 23 7 | 18 14 | 14 23 | 2 21 |
| T 19 | 20 18 | 17 54 | 2 53 | 22 1 | 2 2 | 18 15 | 1 26 | 20 46 | 1 2 | 15 40 | 1 8 | 4 48 | 2 2 | 13 43 | 0 42 | 10 59 | 0 28 | 19 57 | 2 5 | 23 13 | 23 7 | 18 12 | 14 23 | 2 20 |
| W20 | 20 6 | 14 28 | 3 42 | 21 40 | 2 4 | 17 54 | 1 27 | 20 36 | 1 2 | 15 42 | 1 9 | 4 49 | 2 3 | 13 42 | 0 42 | 11 0 | 0 28 | 19 57 | 2 5 | 23 12 | 23 7 | 18 11 | 14 23 | 2 20 |
| T 21 | 19 52 | 10 26 | 4 22 | 21 18 | 2 5 | 17 32 | 1 27 | 20 25 | 1 2 | 15 44 | 1 9 | 4 50 | 2 3 | 13 41 | 0 42 | 11 0 | 0 28 | 19 58 | 2 5 | 23 12 | 23 7 | 18 9 | 14 23 | 2 20 |
| F 22 | 19 39 | 6 0 | 4 51 | 20 55 | 2 6 | 17 11 | 1 28 | 20 14 | 1 2 | 15 46 | 1 9 | 4 51 | 2 3 | 13 40 | 0 42 | 11 1 | 0 28 | 19 58 | 2 5 | 23 12 | 23 6 | 18 7 | 14 23 | 2 20 |
| S 23 | 19 25 | 1 18 | 5 7 | 20 30 | 2 6 | 16 48 | 1 29 | 20 3 | 1 2 | 15 48 | 1 9 | 4 52 | 2 3 | 13 39 | 0 42 | 11 1 | 0 28 | 19 58 | 2 5 | 23 11 | 23 6 | 18 5 | 14 23 | 2 20 |
| S 24 | 19 11 | 3s30 | 5 9 | 20 4 | 2 6 | 16 26 | 1 30 | 19 52 | 1 3 | 15 49 | 1 9 | 4 54 | 2 4 | 13 38 | 0 42 | 11 2 | 0 28 | 19 58 | 2 5 | 23 11 | 23 6 | 18 3 | 14 23 | 2 20 |
| M25 | 18 56 | 8 15 | 4 56 | 19 36 | 2 6 | 16 2 | 1 30 | 19 41 | 1 3 | 15 51 | 1 9 | 4 55 | 2 4 | 13 36 | 0 42 | 11 2 | 0 28 | 19 59 | 2 5 | 23 11 | 23 6 | 18 1 | 14 23 | 2 20 |
| T 26 | 18 41 | 12 44 | 4 30 | 19 7 | 2 5 | 15 39 | 1 31 | 19 29 | 1 3 | 15 53 | 1 10 | 4 56 | 2 4 | 13 35 | 0 42 | 11 3 | 0 28 | 19 59 | 2 5 | 23 10 | 23 6 | 17 59 | 14 23 | 2 20 |
| W27 | 18 26 | 16 45 | 3 49 | 18 36 | 2 4 | 15 15 | 1 31 | 19 17 | 1 3 | 15 55 | 1 10 | 4 57 | 2 4 | 13 34 | 0 42 | 11 4 | 0 28 | 19 59 | 2 5 | 23 10 | 23 5 | 17 57 | 14 23 | 2 20 |
| T 28 | 18 10 | 20 3 | 2 54 | 18 4 | 2 2 | 14 50 | 1 31 | 19 5 | 1 3 | 15 56 | 1 10 | 4 58 | 2 5 | 13 33 | 0 42 | 11 4 | 0 28 | 19 59 | 2 5 | 23 10 | 23 5 | 17 55 | 14 23 | 2 20 |
| F 29 | 17 55 | 22 18 | 1 48 | 17 31 | 1 59 | 14 25 | 1 32 | 18 53 | 1 3 | 15 58 | 1 10 | 5 0 | 2 5 | 13 32 | 0 42 | 11 5 | 0 28 | 20 0 | 2 5 | 23 10 | 23 5 | 17 53 | 14 23 | 2 20 |
| S 30 | 17 38 | 23 14 | 0 34 | 16 56 | 1 56 | 14 0 | 1 32 | 18 41 | 1 4 | 15 59 | 1 10 | 5 1 | 2 5 | 13 31 | 0 42 | 11 5 | 0 28 | 20 0 | 2 4 | 23 10 | 23 5 | 17 51 | 14 23 | 2 20 |
| S 31 | 17s22 | 22s38 | 0n45 | 16s19 | 1s53 | 13s34 | 1s32 | 18s28 | 1s 4 | 16s 1 | 1n10 | 5n 2 | 2n 5 | 13s30 | 0s42 | 11n 6 | 0n28 | 20n 0 | 2s 4 | 23s10 | 23s 4 | 17n49 | 14n24 | 2s20 |

Julian Day Number = 2605312.5, Delta T = 09m39s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'35, Lahiri = 29°44'36


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## FEBRUARY 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 46 15 | 12♒15'55 | 15♉44 | 22♒28 | 29♒17 | 11♒43 | 18♏ 2 | 22°R 4 | 26♒ 1 | 2°R11 | 18°R53 | 22°R29 | 20♐53 | 26♋46 | 16♉ 8 | M 1 |
| T 2 | 8 50 11 | 13°16'55 | 0♓54 | 24°12 | 0♓32 | 12°30 | 18° 8 | 22♏ 1 | 26° 5 | 2♏10 | 18♋52 | 22♐25 | 20°49 | 26°52 | 16° 9 | T 2 |
| W 3 | 8 54 8 | 14°17'55 | 16° 9 | 25°55 | 1°48 | 13°17 | 18°13 | 21°58 | 26° 8 | 2° 8 | 18°51 | 22°18 | 20°46 | 26°59 | 16° 9 | W 3 |
| T 4 | 8 58 4 | 15°18'53 | 1♈19 | 27°38 | 3° 3 | 14° 4 | 18°19 | 21°54 | 26°12 | 2° 7 | 18°50 | 22°10 | 20°43 | 27° 6 | 16°10 | T 4 |
| F 5 | 9 2 1 | 16°19'51 | 16°13 | 29°20 | 4°18 | 14°51 | 18°24 | 21°51 | 26°15 | 2° 5 | 18°49 | 22° 1 | 20°40 | 27°12 | 16°11 | F 5 |
| S 6 | 9 5 57 | 17°20'47 | 0♈43 | 1♈ 1 | 5°33 | 15°38 | 18°29 | 21°48 | 26°19 | 2° 3 | 18°48 | 21°53 | 20°37 | 27°19 | 16°11 | S 6 |
| S 7 | 9 9 54 | 18°21'42 | 14°44 | 2°42 | 6°48 | 16°25 | 18°33 | 21°44 | 26°22 | 2° 2 | 18°47 | 21°46 | 20°34 | 27°26 | 16°12 | S 7 |
| M 8 | 9 13 51 | 19°22'36 | 28°16 | 4°21 | 8° 2 | 17°12 | 18°38 | 21°40 | 26°25 | 2° 0 | 18°45 | 21°41 | 20°30 | 27°32 | 16°13 | M 8 |
| T 9 | 9 17 47 | 20°23'29 | 11♉19 | 5°57 | 9°17 | 18° 0 | 18°42 | 21°37 | 26°29 | 1°58 | 18°44 | 21°39 | 20°27 | 27°39 | 16°14 | T 9 |
| W10 | 9 21 44 | 21°24'21 | 23°57 | 7°32 | 10°32 | 18°47 | 18°47 | 21°33 | 26°32 | 1°57 | 18°43 | 21°D39 | 20°24 | 27°46 | 16°15 | W10 |
| T 11 | 9 25 40 | 22°25'11 | 6♊14 | 9° 4 | 11°47 | 19°34 | 18°51 | 21°29 | 26°36 | 1°55 | 18°42 | 21°39 | 20°21 | 27°52 | 16°16 | T 11 |
| F 12 | 9 29 37 | 23°25'59 | 18°17 | 10°32 | 13° 2 | 20°21 | 18°55 | 21°25 | 26°39 | 1°54 | 18°41 | 21°R40 | 20°18 | 27°59 | 16°17 | F 12 |
| S 13 | 9 33 33 | 24°26'47 | 0♋11 | 11°56 | 14°17 | 21° 8 | 18°58 | 21°21 | 26°43 | 1°52 | 18°40 | 21°40 | 20°14 | 28° 6 | 16°18 | S 13 |
| S 14 | 9 37 30 | 25°27'33 | 11°59 | 13°16 | 15°32 | 21°56 | 19° 2 | 21°17 | 26°46 | 1°50 | 18°39 | 21°37 | 20°11 | 28°12 | 16°20 | S 14 |
| M15 | 9 41 26 | 26°28'17 | 23°46 | 14°30 | 16°46 | 22°43 | 19° 5 | 21°13 | 26°50 | 1°49 | 18°38 | 21°33 | 20° 8 | 28°19 | 16°21 | M15 |
| T 16 | 9 45 23 | 27°29'00 | 5♌36 | 15°38 | 18° 1 | 23°30 | 19° 9 | 21° 9 | 26°53 | 1°47 | 18°38 | 21°25 | 20° 5 | 28°26 | 16°22 | T 16 |
| W17 | 9 49 20 | 28°29'42 | 17°30 | 16°39 | 19°16 | 24°17 | 19°12 | 21° 5 | 26°57 | 1°45 | 18°37 | 21°15 | 20° 2 | 28°32 | 16°24 | W17 |
| T 18 | 9 53 16 | 29°30'22 | 29°32 | 17°33 | 20°31 | 25° 5 | 19°14 | 21° 1 | 27° 0 | 1°43 | 18°36 | 21° 2 | 19°59 | 28°39 | 16°25 | T 18 |
| F 19 | 9 57 13 | 0♓31'01 | 11♍41 | 18°18 | 21°45 | 25°52 | 19°17 | 20°56 | 27° 4 | 1°42 | 18°35 | 20°49 | 19°55 | 28°46 | 16°27 | F 19 |
| S 20 | 10 1 9 | 1°31'39 | 23°59 | 18°54 | 23° 0 | 26°39 | 19°20 | 20°52 | 27° 7 | 1°40 | 18°34 | 20°36 | 19°52 | 28°52 | 16°28 | S 20 |
| S 21 | 10 5 6 | 2°32'15 | 6♎26 | 19°21 | 24°14 | 27°26 | 19°22 | 20°48 | 27°11 | 1°38 | 18°33 | 20°24 | 19°49 | 28°59 | 16°30 | S 21 |
| M22 | 10 9 2 | 3°32'50 | 19° 4 | 19°38 | 25°29 | 28°14 | 19°24 | 20°43 | 27°14 | 1°37 | 18°32 | 20°14 | 19°46 | 29° 6 | 16°32 | M22 |
| T 23 | 10 12 59 | 4°33'24 | 1♏53 | 19°R44 | 26°43 | 29° 1 | 19°26 | 20°39 | 27°18 | 1°35 | 18°31 | 20° 7 | 19°43 | 29°12 | 16°33 | T 23 |
| W24 | 10 16 55 | 5°33'57 | 14°56 | 19°40 | 27°58 | 29°48 | 19°28 | 20°34 | 27°21 | 1°33 | 18°31 | 20° 3 | 19°39 | 29°19 | 16°35 | W24 |
| T 25 | 10 20 52 | 6°34'28 | 28°14 | 19°26 | 29°12 | 0♓36 | 19°29 | 20°30 | 27°24 | 1°32 | 18°30 | 20° 2 | 19°36 | 29°26 | 16°37 | T 25 |
| F 26 | 10 24 49 | 7°34'58 | 11♐50 | 19° 2 | 0♈27 | 1°23 | 19°31 | 20°25 | 27°28 | 1°30 | 18°29 | 20° 2 | 19°33 | 29°32 | 16°39 | F 26 |
| S 27 | 10 28 45 | 8°35'28 | 25°46 | 18°28 | 1°41 | 2°10 | 19°32 | 20°20 | 27°31 | 1°28 | 18°28 | 20° 2 | 19°30 | 29°39 | 16°41 | S 27 |
| S 28 | 10 32 42 | 9♓35'56 | 10♑ 1 | 17♓46 | 2♈56 | 2♓58 | 19♏33 | 20♏16 | 27♒35 | 1♏27 | 18♋28 | 20♐ 0 | 19♐27 | 29♋46 | 16♉43 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s 5 | 20s27 | 2n 2 | 15s42 | 1s48 | 13s 8 | 1s32 | 18s15 | 1s 4 | 16s 2 | 1n11 | 5n 4 | 2n 6 | 13s28 | 0s42 | 11n 6 | 0n28 | 20n 0 | 2s 4 | 23s10 | 23s 4 | 17n47 | 14n24 | 2s20 |
| T 2 | 16 48 | 16 48 | 3 11 | 15 3 | 1 44 | 12 42 | 1 32 | 18 2 | 1 4 | 16 3 | 1 11 | 5 5 | 2 6 | 13 27 | 0 42 | 11 7 | 0 28 | 20 1 | 2 4 | 23 10 | 23 4 | 17 45 | 14 24 | 2 20 |
| W 3 | 16 30 | 12 1 | 4 8 | 14 23 | 1 38 | 12 15 | 1 32 | 17 49 | 1 4 | 16 5 | 1 11 | 5 7 | 2 6 | 13 26 | 0 42 | 11 8 | 0 28 | 20 1 | 2 4 | 23 10 | 23 4 | 17 43 | 14 24 | 2 20 |
| T 4 | 16 12 | 6 31 | 4 46 | 13 42 | 1 32 | 11 48 | 1 32 | 17 36 | 1 4 | 16 6 | 1 11 | 5 8 | 2 6 | 13 25 | 0 42 | 11 8 | 0 28 | 20 1 | 2 4 | 23 9 | 23 4 | 17 41 | 14 24 | 2 20 |
| F 5 | 15 54 | 0 45 | 5 5 | 13 0 | 1 25 | 11 20 | 1 32 | 17 22 | 1 4 | 16 7 | 1 11 | 5 10 | 2 6 | 13 24 | 0 42 | 11 9 | 0 28 | 20 1 | 2 4 | 23 9 | 23 3 | 17 40 | 14 25 | 2 19 |
| S 6 | 15 36 | 4n55 | 5 2 | 12 18 | 1 18 | 10 53 | 1 32 | 17 8 | 1 4 | 16 9 | 1 11 | 5 11 | 2 7 | 13 23 | 0 42 | 11 9 | 0 28 | 20 1 | 2 4 | 23 8 | 23 3 | 17 38 | 14 25 | 2 19 |
| S 7 | 15 17 | 10 8 | 4 42 | 11 34 | 1 9 | 10 25 | 1 31 | 16 54 | 1 4 | 16 10 | 1 12 | 5 13 | 2 7 | 13 21 | 0 42 | 11 10 | 0 28 | 20 2 | 2 4 | 23 8 | 23 3 | 17 36 | 14 25 | 2 19 |
| M 8 | 14 59 | 14 40 | 4 6 | 10 50 | 1 0 | 9 56 | 1 31 | 16 40 | 1 4 | 16 11 | 1 12 | 5 15 | 2 7 | 13 20 | 0 42 | 11 10 | 0 28 | 20 2 | 2 4 | 23 7 | 23 3 | 17 34 | 14 26 | 2 19 |
| T 9 | 14 39 | 18 20 | 3 19 | 10 5 | 0 50 | 9 28 | 1 30 | 16 26 | 1 5 | 16 12 | 1 12 | 5 16 | 2 7 | 13 19 | 0 42 | 11 11 | 0 28 | 20 2 | 2 4 | 23 7 | 23 2 | 17 32 | 14 26 | 2 19 |
| W10 | 14 20 | 21 1 | 2 23 | 9 20 | 0 40 | 8 59 | 1 30 | 16 11 | 1 5 | 16 13 | 1 12 | 5 18 | 2 7 | 13 18 | 0 42 | 11 12 | 0 28 | 20 2 | 2 4 | 23 7 | 23 2 | 17 30 | 14 26 | 2 19 |
| T 11 | 14 0 | 22 38 | 1 22 | 8 36 | 0 28 | 8 30 | 1 29 | 15 56 | 1 5 | 16 14 | 1 12 | 5 19 | 2 8 | 13 17 | 0 42 | 11 12 | 0 28 | 20 3 | 2 3 | 23 7 | 23 2 | 17 28 | 14 27 | 2 19 |
| F 12 | 13 41 | 23 10 | 0 18 | 7 51 | 0 16 | 8 1 | 1 29 | 15 42 | 1 5 | 16 15 | 1 12 | 5 21 | 2 8 | 13 15 | 0 42 | 11 13 | 0 28 | 20 3 | 2 3 | 23 7 | 23 2 | 17 26 | 14 27 | 2 19 |
| S 13 | 13 21 | 22 38 | 0s45 | 7 7 | 0 4 | 7 31 | 1 28 | 15 27 | 1 5 | 16 15 | 1 13 | 5 23 | 2 8 | 13 14 | 0 42 | 11 13 | 0 28 | 20 3 | 2 3 | 23 7 | 23 2 | 17 24 | 14 27 | 2 19 |
| S 14 | 13 0 | 21 5 | 1 46 | 6 25 | 0n10 | 7 2 | 1 27 | 15 11 | 1 5 | 16 16 | 1 13 | 5 25 | 2 8 | 13 13 | 0 42 | 11 14 | 0 28 | 20 3 | 2 3 | 23 7 | 23 1 | 17 22 | 14 28 | 2 19 |
| M15 | 12 40 | 18 38 | 2 42 | 5 43 | 0 24 | 6 32 | 1 26 | 14 56 | 1 5 | 16 17 | 1 13 | 5 26 | 2 8 | 13 12 | 0 42 | 11 15 | 0 28 | 20 3 | 2 3 | 23 7 | 23 1 | 17 20 | 14 28 | 2 19 |
| T 16 | 12 19 | 15 24 | 3 32 | 5 3 | 0 39 | 6 2 | 1 25 | 14 41 | 1 5 | 16 18 | 1 13 | 5 28 | 2 9 | 13 11 | 0 42 | 11 15 | 0 28 | 20 4 | 2 3 | 23 6 | 23 1 | 17 18 | 14 29 | 2 19 |
| W17 | 11 58 | 11 33 | 4 12 | 4 25 | 0 54 | 5 32 | 1 24 | 14 25 | 1 5 | 16 18 | 1 13 | 5 30 | 2 9 | 13 10 | 0 42 | 11 16 | 0 28 | 20 4 | 2 3 | 23 6 | 23 1 | 17 16 | 14 29 | 2 19 |
| T 18 | 11 37 | 7 13 | 4 41 | 3 50 | 1 10 | 5 2 | 1 23 | 14 9 | 1 5 | 16 19 | 1 14 | 5 32 | 2 9 | 13 8 | 0 42 | 11 17 | 0 28 | 20 4 | 2 3 | 23 5 | 23 0 | 17 14 | 14 30 | 2 19 |
| F 19 | 11 16 | 2 34 | 4 58 | 3 18 | 1 26 | 4 31 | 1 22 | 13 53 | 1 5 | 16 19 | 1 14 | 5 34 | 2 9 | 13 7 | 0 42 | 11 17 | 0 28 | 20 4 | 2 3 | 23 4 | 23 0 | 17 12 | 14 30 | 2 19 |
| S 20 | 10 54 | 2s13 | 5 1 | 2 49 | 1 42 | 4 1 | 1 21 | 13 37 | 1 5 | 16 20 | 1 14 | 5 36 | 2 9 | 13 6 | 0 42 | 11 18 | 0 28 | 20 5 | 2 3 | 23 3 | 23 0 | 17 10 | 14 31 | 2 19 |
| S 21 | 10 33 | 6 59 | 4 50 | 2 24 | 1 58 | 3 30 | 1 19 | 13 21 | 1 5 | 16 20 | 1 14 | 5 37 | 2 9 | 13 5 | 0 42 | 11 18 | 0 28 | 20 5 | 2 3 | 23 2 | 23 0 | 17 8 | 14 31 | 2 19 |
| M22 | 10 11 | 11 32 | 4 25 | 2 3 | 2 13 | 2 59 | 1 18 | 13 5 | 1 5 | 16 21 | 1 14 | 5 39 | 2 9 | 13 4 | 0 42 | 11 19 | 0 28 | 20 5 | 2 2 | 23 2 | 22 59 | 17 6 | 14 32 | 2 19 |
| T 23 | 9 49 | 15 38 | 3 46 | 1 47 | 2 28 | 2 28 | 1 17 | 12 48 | 1 5 | 16 21 | 1 14 | 5 41 | 2 10 | 13 2 | 0 42 | 11 20 | 0 28 | 20 5 | 2 2 | 23 1 | 22 59 | 17 4 | 14 32 | 2 18 |
| W24 | 9 27 | 19 3 | 2 54 | 1 35 | 2 43 | 1 57 | 1 15 | 12 32 | 1 5 | 16 21 | 1 15 | 5 43 | 2 10 | 13 1 | 0 42 | 11 20 | 0 28 | 20 5 | 2 2 | 23 1 | 22 59 | 17 2 | 14 33 | 2 18 |
| T 25 | 9 5 | 21 33 | 1 53 | 1 29 | 2 56 | 1 26 | 1 14 | 12 15 | 1 5 | 16 22 | 1 15 | 5 45 | 2 10 | 13 0 | 0 42 | 11 21 | 0 28 | 20 6 | 2 2 | 23 1 | 22 59 | 17 0 | 14 33 | 2 18 |
| F 26 | 8 42 | 22 52 | 0 43 | 1 27 | 3 8 | 0 55 | 1 12 | 11 58 | 1 5 | 16 22 | 1 15 | 5 47 | 2 10 | 12 59 | 0 42 | 11 21 | 0 28 | 20 6 | 2 2 | 23 1 | 22 58 | 16 58 | 14 34 | 2 18 |
| S 27 | 8 20 | 22 49 | 0n30 | 1 30 | 3 18 | 0 24 | 1 10 | 11 41 | 1 5 | 16 22 | 1 15 | 5 49 | 2 10 | 12 58 | 0 42 | 11 22 | 0 28 | 20 6 | 2 2 | 23 1 | 22 58 | 16 56 | 14 34 | 2 18 |
| S 28 | 7s57 | 21s17 | 1n44 | 1s39 | 3n27 | 0n 7 | 1s 9 | 11s24 | 1s 5 | 16s22 | 1n15 | 5n51 | 2n10 | 12s57 | 0s42 | 11n23 | 0n28 | 20n 6 | 2s 2 | 23s 1 | 22s58 | 16n54 | 14n35 | 2s18 |

Julian Day Number = 2605343.5, Delta T = 09m40s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'39, Lahiri = 29°44'40


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## MARCH 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 36 38 | 10♓36'22 | 24♉36 | 16°R57 | 4♈10 | 3♓45 | 19♏34 | 20°R11 | 27♒38 | 1°R25 | 18°R27 | 19°R57 | 19♐24 | 29♋52 | 16♉45 | M 1 |
| T 2 | 10 40 35 | 11°36'48 | 9♒26 | 16♓ 1 | 5°24 | 4°32 | 19°35 | 20♏ 6 | 27°42 | 1♏23 | 18♋26 | 19♐51 | 19°20 | 29°59 | 16°47 | T 2 |
| W 3 | 10 44 31 | 12°37'11 | 24°24 | 15° 1 | 6°39 | 5°20 | 19°35 | 20° 1 | 27°45 | 1°22 | 18°25 | 19°42 | 19°17 | 0♌ 6 | 16°50 | W 3 |
| T 4 | 10 48 28 | 13°37'33 | 9♓22 | 13°58 | 7°53 | 6° 7 | 19°35 | 19°57 | 27°48 | 1°20 | 18°25 | 19°31 | 19°14 | 0°13 | 16°52 | T 4 |
| F 5 | 10 52 24 | 14°37'54 | 24°10 | 12°53 | 9° 7 | 6°55 | 19°R35 | 19°52 | 27°52 | 1°18 | 18°24 | 19°18 | 19°11 | 0°19 | 16°54 | F 5 |
| S 6 | 10 56 21 | 15°38'12 | 8♈39 | 11°48 | 10°21 | 7°42 | 19°35 | 19°47 | 27°55 | 1°17 | 18°24 | 19° 7 | 19° 8 | 0°26 | 16°57 | S 6 |
| S 7 | 11 0 18 | 16°38'29 | 22°44 | 10°46 | 11°35 | 8°29 | 19°35 | 19°42 | 27°58 | 1°15 | 18°23 | 18°57 | 19° 5 | 0°33 | 16°59 | S 7 |
| M 8 | 11 4 14 | 17°38'44 | 6♉20 | 9°46 | 12°49 | 9°17 | 19°34 | 19°38 | 28° 2 | 1°14 | 18°22 | 18°50 | 19° 1 | 0°39 | 17° 1 | M 8 |
| T 9 | 11 8 11 | 18°38'57 | 19°29 | 8°50 | 14° 3 | 10° 4 | 19°34 | 19°33 | 28° 5 | 1°12 | 18°22 | 18°45 | 18°58 | 0°46 | 17° 4 | T 9 |
| W10 | 11 12 7 | 19°39'09 | 2♊12 | 8° 0 | 15°17 | 10°51 | 19°33 | 19°28 | 28° 8 | 1°10 | 18°21 | 18°43 | 18°55 | 0°53 | 17° 6 | W10 |
| T 11 | 11 16 4 | 20°39'18 | 14°33 | 7°15 | 16°31 | 11°39 | 19°32 | 19°23 | 28°12 | 1° 9 | 18°21 | 18°42 | 18°52 | 0°59 | 17° 9 | T 11 |
| F 12 | 11 20 0 | 21°39'25 | 26°38 | 6°37 | 17°45 | 12°26 | 19°31 | 19°18 | 28°15 | 1° 7 | 18°20 | 18°42 | 18°49 | 1° 6 | 17°12 | F 12 |
| S 13 | 11 23 57 | 22°39'30 | 8♋32 | 6° 5 | 18°59 | 13°13 | 19°29 | 19°14 | 28°18 | 1° 6 | 18°20 | 18°41 | 18°45 | 1°13 | 17°14 | S 13 |
| S 14 | 11 27 53 | 23°39'32 | 20°21 | 5°41 | 20°13 | 14° 1 | 19°28 | 19° 9 | 28°21 | 1° 4 | 18°19 | 18°39 | 18°42 | 1°19 | 17°17 | S 14 |
| M15 | 11 31 50 | 24°39'33 | 2♌ 9 | 5°22 | 21°27 | 14°48 | 19°26 | 19° 4 | 28°25 | 1° 3 | 18°19 | 18°34 | 18°39 | 1°26 | 17°20 | M15 |
| T 16 | 11 35 47 | 25°39'32 | 14° 2 | 5°11 | 22°40 | 15°35 | 19°24 | 18°59 | 28°28 | 1° 1 | 18°19 | 18°26 | 18°36 | 1°33 | 17°23 | T 16 |
| W17 | 11 39 43 | 26°39'28 | 26° 1 | 5°D 6 | 23°54 | 16°23 | 19°22 | 18°54 | 28°31 | 1° 0 | 18°18 | 18°16 | 18°33 | 1°39 | 17°26 | W17 |
| T 18 | 11 43 40 | 27°39'23 | 8♍11 | 5° 8 | 25° 8 | 17°10 | 19°19 | 18°50 | 28°34 | 0°58 | 18°18 | 18° 3 | 18°30 | 1°46 | 17°29 | T 18 |
| F 19 | 11 47 36 | 28°39'15 | 20°32 | 5°15 | 26°21 | 17°57 | 19°17 | 18°45 | 28°37 | 0°57 | 18°18 | 17°50 | 18°26 | 1°53 | 17°32 | F 19 |
| S 20 | 11 51 33 | 29°39'06 | 3♎ 5 | 5°28 | 27°35 | 18°44 | 19°14 | 18°40 | 28°40 | 0°55 | 18°17 | 17°36 | 18°23 | 1°59 | 17°35 | S 20 |
| S 21 | 11 55 29 | 0♈38'54 | 15°51 | 5°47 | 28°48 | 19°32 | 19°11 | 18°36 | 28°44 | 0°54 | 18°17 | 17°24 | 18°20 | 2° 6 | 17°38 | S 21 |
| M22 | 11 59 26 | 1°38'41 | 28°47 | 6°11 | 0♉ 1 | 20°19 | 19° 8 | 18°31 | 28°47 | 0°53 | 18°17 | 17°14 | 18°17 | 2°13 | 17°41 | M22 |
| T 23 | 12 3 22 | 2°38'26 | 11♏55 | 6°39 | 1°15 | 21° 6 | 19° 5 | 18°26 | 28°50 | 0°51 | 18°17 | 17° 6 | 18°14 | 2°19 | 17°44 | T 23 |
| W24 | 12 7 19 | 3°38'09 | 25°13 | 7°12 | 2°28 | 21°53 | 19° 2 | 18°22 | 28°53 | 0°50 | 18°16 | 17° 2 | 18°11 | 2°26 | 17°47 | W24 |
| T 25 | 12 11 15 | 4°37'51 | 8♐43 | 7°50 | 3°41 | 22°40 | 18°58 | 18°17 | 28°56 | 0°48 | 18°16 | 17° 0 | 18° 7 | 2°33 | 17°50 | T 25 |
| F 26 | 12 15 12 | 5°37'31 | 22°23 | 8°31 | 4°55 | 23°28 | 18°54 | 18°13 | 28°59 | 0°47 | 18°16 | 17°D 0 | 18° 4 | 2°39 | 17°54 | F 26 |
| S 27 | 12 19 9 | 6°37'09 | 6♑16 | 9°16 | 6° 8 | 24°15 | 18°50 | 18° 8 | 29° 2 | 0°46 | 18°16 | 17°R 0 | 18° 1 | 2°46 | 17°57 | S 27 |
| S 28 | 12 23 5 | 7°36'46 | 20°22 | 10° 5 | 7°21 | 25° 2 | 18°46 | 18° 4 | 29° 4 | 0°45 | 18°16 | 17° 0 | 17°58 | 2°53 | 18° 0 | S 28 |
| M29 | 12 27 2 | 8°36'21 | 4♒39 | 10°57 | 8°34 | 25°49 | 18°42 | 18° 0 | 29° 7 | 0°43 | 18°16 | 16°57 | 17°55 | 3° 0 | 18° 3 | M29 |
| T 30 | 12 30 58 | 9°35'54 | 19° 6 | 11°52 | 9°47 | 26°36 | 18°38 | 17°55 | 29°10 | 0°42 | 18°16 | 16°52 | 17°51 | 3° 6 | 18° 7 | T 30 |
| W31 | 12 34 55 | 10♈35'25 | 3♓39 | 12♓49 | 11♉ 0 | 27♓23 | 18♏33 | 17♏51 | 29♒13 | 0♏41 | 18♋16 | 16♐45 | 17♐48 | 3♌13 | 18♉10 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s34 | 18s20 | 2n52 | 1s51 | 3n34 | 0n38 | 1s 7 | 11s 7 | 1s 5 | 16s22 | 1n16 | 5n53 | 2n10 | 12s55 | 0s42 | 11n23 | 0n28 | 20n 6 | 2s 2 | 23s 0 | 22s58 | 16n51 | 14n36 | 2s18 |
| T 2 | 7 12 | 14 10 | 3 50 | 2 8 | 3 39 | 1 9 | 1 5 | 10 50 | 1 5 | 16 22 | 1 16 | 5 55 | 2 10 | 12 54 | 0 42 | 11 24 | 0 28 | 20 7 | 2 2 | 23 0 | 22 57 | 16 49 | 14 36 | 2 18 |
| W 3 | 6 49 | 9 5 | 4 32 | 2 29 | 3 41 | 1 40 | 1 3 | 10 32 | 1 4 | 16 22 | 1 16 | 5 57 | 2 11 | 12 53 | 0 42 | 11 24 | 0 28 | 20 7 | 2 2 | 22 59 | 22 57 | 16 47 | 14 37 | 2 18 |
| T 4 | 6 25 | 3 28 | 4 56 | 2 53 | 3 41 | 2 11 | 1 1 | 10 15 | 1 4 | 16 22 | 1 16 | 5 59 | 2 11 | 12 52 | 0 42 | 11 25 | 0 28 | 20 7 | 2 1 | 22 58 | 22 57 | 16 45 | 14 38 | 2 18 |
| F 5 | 6 2 | 2n16 | 4 59 | 3 20 | 3 39 | 2 42 | 0 59 | 9 57 | 1 4 | 16 22 | 1 16 | 6 1 | 2 11 | 12 51 | 0 42 | 11 26 | 0 28 | 20 7 | 2 1 | 22 57 | 22 57 | 16 43 | 14 38 | 2 18 |
| S 6 | 5 39 | 7 46 | 4 43 | 3 48 | 3 35 | 3 13 | 0 57 | 9 39 | 1 4 | 16 22 | 1 16 | 6 3 | 2 11 | 12 50 | 0 42 | 11 26 | 0 28 | 20 7 | 2 1 | 22 56 | 22 56 | 16 41 | 14 39 | 2 18 |
| S 7 | 5 16 | 12 42 | 4 10 | 4 17 | 3 29 | 3 44 | 0 55 | 9 22 | 1 4 | 16 21 | 1 17 | 6 4 | 2 11 | 12 49 | 0 42 | 11 27 | 0 28 | 20 7 | 2 1 | 22 56 | 22 56 | 16 39 | 14 40 | 2 18 |
| M 8 | 4 52 | 16 49 | 3 24 | 4 47 | 3 21 | 4 15 | 0 53 | 9 4 | 1 4 | 16 21 | 1 17 | 6 6 | 2 11 | 12 47 | 0 42 | 11 27 | 0 28 | 20 8 | 2 1 | 22 55 | 22 56 | 16 37 | 14 41 | 2 18 |
| T 9 | 4 29 | 19 56 | 2 28 | 5 16 | 3 12 | 4 45 | 0 50 | 8 46 | 1 4 | 16 21 | 1 17 | 6 8 | 2 11 | 12 46 | 0 42 | 11 28 | 0 28 | 20 8 | 2 1 | 22 55 | 22 56 | 16 35 | 14 41 | 2 18 |
| W10 | 4 5 | 21 58 | 1 26 | 5 45 | 3 1 | 5 16 | 0 48 | 8 28 | 1 4 | 16 20 | 1 17 | 6 10 | 2 11 | 12 45 | 0 42 | 11 28 | 0 28 | 20 8 | 2 1 | 22 54 | 22 55 | 16 33 | 14 42 | 2 18 |
| T 11 | 3 42 | 22 51 | 0 22 | 6 13 | 2 49 | 5 47 | 0 46 | 8 10 | 1 4 | 16 20 | 1 17 | 6 12 | 2 11 | 12 44 | 0 42 | 11 29 | 0 28 | 20 8 | 2 1 | 22 54 | 22 55 | 16 31 | 14 43 | 2 18 |
| F 12 | 3 18 | 22 39 | 0s42 | 6 39 | 2 36 | 6 17 | 0 43 | 7 51 | 1 3 | 16 19 | 1 17 | 6 14 | 2 11 | 12 43 | 0 42 | 11 30 | 0 28 | 20 8 | 2 1 | 22 54 | 22 55 | 16 29 | 14 44 | 2 18 |
| S 13 | 2 54 | 21 24 | 1 43 | 7 3 | 2 22 | 6 47 | 0 41 | 7 33 | 1 3 | 16 19 | 1 18 | 6 16 | 2 11 | 12 42 | 0 42 | 11 30 | 0 28 | 20 8 | 2 1 | 22 54 | 22 55 | 16 27 | 14 44 | 2 18 |
| S 14 | 2 31 | 19 13 | 2 39 | 7 25 | 2 8 | 7 17 | 0 39 | 7 15 | 1 3 | 16 18 | 1 18 | 6 18 | 2 11 | 12 41 | 0 42 | 11 31 | 0 28 | 20 9 | 2 0 | 22 54 | 22 54 | 16 25 | 14 45 | 2 18 |
| M15 | 2 7 | 16 15 | 3 28 | 7 45 | 1 54 | 7 47 | 0 36 | 6 57 | 1 3 | 16 18 | 1 18 | 6 20 | 2 11 | 12 40 | 0 42 | 11 31 | 0 28 | 20 9 | 2 0 | 22 54 | 22 54 | 16 23 | 14 46 | 2 18 |
| T 16 | 1 43 | 12 37 | 4 9 | 8 3 | 1 40 | 8 17 | 0 33 | 6 38 | 1 3 | 16 17 | 1 18 | 6 22 | 2 11 | 12 38 | 0 42 | 11 32 | 0 28 | 20 9 | 2 0 | 22 53 | 22 54 | 16 21 | 14 47 | 2 18 |
| W17 | 1 20 | 8 27 | 4 38 | 8 18 | 1 25 | 8 47 | 0 31 | 6 20 | 1 3 | 16 16 | 1 18 | 6 24 | 2 12 | 12 37 | 0 42 | 11 32 | 0 28 | 20 9 | 2 0 | 22 52 | 22 54 | 16 19 | 14 48 | 2 18 |
| T 18 | 0 56 | 3 54 | 4 56 | 8 31 | 1 11 | 9 16 | 0 28 | 6 1 | 1 2 | 16 16 | 1 18 | 6 26 | 2 12 | 12 36 | 0 42 | 11 33 | 0 28 | 20 9 | 2 0 | 22 51 | 22 53 | 16 17 | 14 48 | 2 18 |
| F 19 | 0 32 | 0s51 | 5 0 | 8 41 | 0 57 | 9 45 | 0 25 | 5 42 | 1 2 | 16 15 | 1 19 | 6 28 | 2 12 | 12 35 | 0 42 | 11 33 | 0 28 | 20 9 | 2 0 | 22 50 | 22 53 | 16 14 | 14 49 | 2 18 |
| S 20 | 0 8 | 5 39 | 4 50 | 8 49 | 0 43 | 10 14 | 0 23 | 5 24 | 1 2 | 16 14 | 1 19 | 6 29 | 2 12 | 12 34 | 0 42 | 11 34 | 0 28 | 20 10 | 2 0 | 22 48 | 22 53 | 16 12 | 14 50 | 2 18 |
| S 21 | 0n15 | 10 17 | 4 25 | 8 55 | 0 29 | 10 43 | 0 20 | 5 5 | 1 2 | 16 13 | 1 19 | 6 31 | 2 12 | 12 33 | 0 42 | 11 34 | 0 28 | 20 10 | 2 0 | 22 47 | 22 52 | 16 10 | 14 51 | 2 18 |
| M22 | 0 39 | 14 32 | 3 46 | 8 58 | 0 16 | 11 11 | 0 17 | 4 46 | 1 2 | 16 12 | 1 19 | 6 33 | 2 12 | 12 32 | 0 42 | 11 35 | 0 28 | 20 10 | 2 0 | 22 46 | 22 52 | 16 8 | 14 52 | 2 18 |
| T 23 | 1 3 | 18 8 | 2 54 | 9 0 | 0 4 | 11 39 | 0 14 | 4 28 | 1 1 | 16 11 | 1 19 | 6 35 | 2 12 | 12 31 | 0 42 | 11 35 | 0 28 | 20 10 | 2 0 | 22 46 | 22 52 | 16 6 | 14 53 | 2 18 |
| W24 | 1 27 | 20 51 | 1 53 | 8 59 | 0s 9 | 12 7 | 0 11 | 4 9 | 1 1 | 16 10 | 1 19 | 6 37 | 2 12 | 12 30 | 0 42 | 11 36 | 0 28 | 20 10 | 1 59 | 22 45 | 22 52 | 16 4 | 14 54 | 2 17 |
| T 25 | 1 50 | 22 26 | 0 44 | 8 56 | 0 21 | 12 35 | 0 9 | 3 50 | 1 1 | 16 9 | 1 20 | 6 38 | 2 12 | 12 29 | 0 42 | 11 36 | 0 28 | 20 10 | 1 59 | 22 45 | 22 51 | 16 2 | 14 54 | 2 17 |
| F 26 | 2 14 | 22 41 | 0n29 | 8 51 | 0 32 | 13 2 | 0 6 | 3 31 | 1 1 | 16 8 | 1 20 | 6 40 | 2 12 | 12 28 | 0 42 | 11 37 | 0 28 | 20 10 | 1 59 | 22 45 | 22 51 | 16 0 | 14 55 | 2 17 |
| S 27 | 2 37 | 21 34 | 1 40 | 8 44 | 0 43 | 13 29 | 0 3 | 3 12 | 1 0 | 16 6 | 1 20 | 6 42 | 2 12 | 12 27 | 0 42 | 11 37 | 0 28 | 20 10 | 1 59 | 22 45 | 22 51 | 15 58 | 14 56 | 2 17 |
| S 28 | 3 1 | 19 5 | 2 47 | 8 35 | 0 53 | 13 56 | 0n 0 | 2 53 | 1 0 | 16 5 | 1 20 | 6 44 | 2 12 | 12 26 | 0 42 | 11 38 | 0 28 | 20 11 | 1 59 | 22 45 | 22 50 | 15 56 | 14 57 | 2 17 |
| M29 | 3 24 | 15 25 | 3 45 | 8 25 | 1 3 | 14 23 | 0 3 | 2 35 | 1 0 | 16 4 | 1 20 | 6 45 | 2 12 | 12 25 | 0 43 | 11 38 | 0 28 | 20 11 | 1 59 | 22 45 | 22 50 | 15 53 | 14 58 | 2 17 |
| T 30 | 3 48 | 10 48 | 4 28 | 8 13 | 1 12 | 14 49 | 0 6 | 2 16 | 1 0 | 16 3 | 1 20 | 6 47 | 2 11 | 12 24 | 0 43 | 11 39 | 0 28 | 20 11 | 1 59 | 22 44 | 22 50 | 15 51 | 14 59 | 2 17 |
| W31 | 4n11 | 5s33 | 4n55 | 7s59 | 1s21 | 15n14 | 0n 9 | 1s57 | 0s59 | 16s 1 | 1n20 | 6n48 | 2n11 | 12s23 | 0s43 | 11n39 | 0n28 | 20n11 | 1s59 | 22s44 | 22s50 | 15n49 | 15n 0 | 2s17 |

Julian Day Number = 2605371.5, Delta T = 09m40s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'43, Lahiri = 29°44'44


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## APRIL 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 38 51 | 11♈34'55 | 18♓11 | 13♓50 | 12♉13 | 28♓10 | 18°R28 | 17°R47 | 29♒16 | 0°R40 | 18°D16 | 16°R35 | 17♐45 | 3♌20 | 18♉14 | T 1 |
| F 2 | 12 42 48 | 12°34'22 | 2♈36 | 14°53 | 13°25 | 28°57 | 18♏23 | 17♍43 | 29°19 | 0♍38 | 18♋16 | 16♐25 | 17°42 | 3°26 | 18°17 | F 2 |
| S 3 | 12 46 44 | 13°33'48 | 16°48 | 15°59 | 14°38 | 29°44 | 18°18 | 17°39 | 29°21 | 0°37 | 18°16 | 16°15 | 17°39 | 3°33 | 18°21 | S 3 |
| S 4 | 12 50 41 | 14°33'12 | 0♉41 | 17° 7 | 15°51 | 0♈31 | 18°13 | 17°35 | 29°24 | 0°36 | 18°16 | 16° 6 | 17°36 | 3°40 | 18°24 | S 4 |
| M 5 | 12 54 38 | 15°32'33 | 14°11 | 18°18 | 17° 3 | 1°18 | 18° 8 | 17°31 | 29°27 | 0°35 | 18°16 | 15°59 | 17°32 | 3°46 | 18°28 | M 5 |
| T 6 | 12 58 34 | 16°31'53 | 27°18 | 19°30 | 18°16 | 2° 5 | 18° 2 | 17°27 | 29°29 | 0°34 | 18°16 | 15°55 | 17°29 | 3°53 | 18°31 | T 6 |
| W 7 | 13 2 31 | 17°31'10 | 10♊ 2 | 20°45 | 19°28 | 2°52 | 17°57 | 17°23 | 29°32 | 0°33 | 18°16 | 15°D54 | 17°26 | 4° 0 | 18°35 | W 7 |
| T 8 | 13 6 27 | 18°30'25 | 22°25 | 22° 1 | 20°41 | 3°39 | 17°51 | 17°19 | 29°34 | 0°32 | 18°16 | 15°54 | 17°23 | 4° 6 | 18°39 | T 8 |
| F 9 | 13 10 24 | 19°29'38 | 4♋33 | 23°19 | 21°53 | 4°26 | 17°45 | 17°16 | 29°37 | 0°31 | 18°16 | 15°54 | 17°20 | 4°13 | 18°42 | F 9 |
| S 10 | 13 14 20 | 20°28'49 | 16°30 | 24°40 | 23° 6 | 5°13 | 17°39 | 17°12 | 29°40 | 0°30 | 18°17 | 15°R55 | 17°16 | 4°20 | 18°46 | S 10 |
| S 11 | 13 18 17 | 21°27'57 | 28°21 | 26° 2 | 24°18 | 6° 0 | 17°33 | 17° 8 | 29°42 | 0°29 | 18°17 | 15°55 | 17°13 | 4°26 | 18°50 | S 11 |
| M12 | 13 22 13 | 22°27'03 | 10♌11 | 27°26 | 25°30 | 6°47 | 17°27 | 17° 5 | 29°44 | 0°28 | 18°17 | 15°53 | 17°10 | 4°33 | 18°54 | M12 |
| T 13 | 13 26 10 | 23°26'06 | 22° 6 | 28°51 | 26°42 | 7°33 | 17°20 | 17° 2 | 29°47 | 0°27 | 18°17 | 15°49 | 17° 7 | 4°40 | 18°57 | T 13 |
| W14 | 13 30 7 | 24°25'08 | 4♍10 | 0♈18 | 27°54 | 8°20 | 17°14 | 16°58 | 29°49 | 0°26 | 18°18 | 15°43 | 17° 4 | 4°46 | 19° 1 | W14 |
| T 15 | 13 34 3 | 25°24'07 | 16°25 | 1°47 | 29° 6 | 9° 7 | 17° 7 | 16°55 | 29°52 | 0°26 | 18°18 | 15°35 | 17° 1 | 4°53 | 19° 5 | T 15 |
| F 16 | 13 38 0 | 26°23'04 | 28°56 | 3°18 | 0♊18 | 9°54 | 17° 1 | 16°52 | 29°54 | 0°25 | 18°18 | 15°27 | 16°57 | 5° 0 | 19° 9 | F 16 |
| S 17 | 13 41 56 | 27°21'59 | 11♎43 | 4°50 | 1°30 | 10°40 | 16°54 | 16°49 | 29°56 | 0°24 | 18°19 | 15°18 | 16°54 | 5° 7 | 19°13 | S 17 |
| S 18 | 13 45 53 | 28°20'51 | 24°46 | 6°24 | 2°41 | 11°27 | 16°47 | 16°46 | 29°58 | 0°23 | 18°19 | 15°10 | 16°51 | 5°13 | 19°17 | S 18 |
| M19 | 13 49 49 | 29°19'42 | 8♏ 3 | 7°59 | 3°53 | 12°13 | 16°40 | 16°43 | 0♓ 0 | 0°23 | 18°20 | 15° 3 | 16°48 | 5°20 | 19°21 | M19 |
| T 20 | 13 53 46 | 0♉18'31 | 21°35 | 9°36 | 5° 4 | 13° 0 | 16°33 | 16°40 | 0° 3 | 0°22 | 18°20 | 14°59 | 16°45 | 5°27 | 19°25 | T 20 |
| W21 | 13 57 42 | 1°17'18 | 5♐17 | 11°14 | 6°16 | 13°46 | 16°26 | 16°37 | 0° 5 | 0°21 | 18°20 | 14°57 | 16°42 | 5°33 | 19°29 | W21 |
| T 22 | 14 1 39 | 2°16'04 | 19° 9 | 12°55 | 7°27 | 14°33 | 16°19 | 16°35 | 0° 7 | 0°21 | 18°21 | 14°D56 | 16°38 | 5°40 | 19°33 | T 22 |
| F 23 | 14 5 36 | 3°14'47 | 3♑ 8 | 14°36 | 8°39 | 15°19 | 16°12 | 16°32 | 0° 9 | 0°20 | 18°21 | 14°57 | 16°35 | 5°47 | 19°36 | F 23 |
| S 24 | 14 9 32 | 4°13'29 | 17°12 | 16°20 | 9°50 | 16° 6 | 16° 4 | 16°30 | 0°11 | 0°19 | 18°22 | 14°59 | 16°32 | 5°53 | 19°40 | S 24 |
| S 25 | 14 13 29 | 5°12'10 | 1♒20 | 18° 4 | 11° 1 | 16°52 | 15°57 | 16°27 | 0°13 | 0°19 | 18°23 | 14°R59 | 16°29 | 6° 0 | 19°44 | S 25 |
| M26 | 14 17 25 | 6°10'48 | 15°31 | 19°51 | 12°12 | 17°39 | 15°50 | 16°25 | 0°14 | 0°18 | 18°23 | 14°59 | 16°26 | 6° 7 | 19°49 | M26 |
| T 27 | 14 21 22 | 7° 9'25 | 29°43 | 21°39 | 13°23 | 18°25 | 15°42 | 16°23 | 0°16 | 0°18 | 18°24 | 14°57 | 16°22 | 6°13 | 19°53 | T 27 |
| W28 | 14 25 18 | 8° 8'01 | 13♓53 | 23°29 | 14°34 | 19°11 | 15°35 | 16°21 | 0°18 | 0°18 | 18°24 | 14°54 | 16°19 | 6°20 | 19°57 | W28 |
| T 29 | 14 29 15 | 9° 6'34 | 27°58 | 25°20 | 15°45 | 19°57 | 15°27 | 16°19 | 0°20 | 0°17 | 18°25 | 14°49 | 16°16 | 6°27 | 20° 1 | T 29 |
| F 30 | 14 33 11 | 10♉ 5'06 | 11♈55 | 27♈13 | 16♊55 | 20♈44 | 15♏19 | 16♍17 | 0♓22 | 0♍17 | 18♋26 | 14♐43 | 16♐13 | 6♌34 | 20♉ 5 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n34 | 0s 1 | 5n 3 | 7s43 | 1s29 | 15n40 | 0n12 | 1s38 | 0s59 | 16s 0 | 1n20 | 6n50 | 2n11 | 12s22 | 0s43 | 11n39 | 0n28 | 20n11 | 1s59 | 22s43 | 22s49 | 15n47 | 15n 1 | 2s17 |
| F 2 | 4 57 | 5n29 | 4 51 | 7 26 | 1 37 | 16 5 | 0 15 | 1 19 | 0 59 | 15 58 | 1 21 | 6 52 | 2 11 | 12 21 | 0 43 | 11 40 | 0 28 | 20 11 | 1 58 | 22 42 | 22 49 | 15 45 | 15 2 | 2 17 |
| S 3 | 5 20 | 10 37 | 4 21 | 7 7 | 1 44 | 16 29 | 0 18 | 1 0 | 0 59 | 15 57 | 1 21 | 6 53 | 2 11 | 12 20 | 0 43 | 11 40 | 0 28 | 20 11 | 1 58 | 22 41 | 22 49 | 15 43 | 15 3 | 2 17 |
| S 4 | 5 43 | 15 4 | 3 37 | 6 47 | 1 51 | 16 53 | 0 22 | 0 41 | 0 58 | 15 55 | 1 21 | 6 55 | 2 11 | 12 19 | 0 43 | 11 41 | 0 28 | 20 11 | 1 58 | 22 40 | 22 48 | 15 41 | 15 4 | 2 17 |
| M 5 | 6 6 | 18 37 | 2 41 | 6 25 | 1 57 | 17 17 | 0 25 | 0 22 | 0 58 | 15 54 | 1 21 | 6 56 | 2 11 | 12 18 | 0 43 | 11 41 | 0 28 | 20 11 | 1 58 | 22 39 | 22 48 | 15 39 | 15 5 | 2 17 |
| T 6 | 6 29 | 21 6 | 1 38 | 6 2 | 2 3 | 17 40 | 0 28 | 0 3 | 0 58 | 15 52 | 1 21 | 6 58 | 2 11 | 12 18 | 0 43 | 11 41 | 0 28 | 20 11 | 1 58 | 22 39 | 22 48 | 15 37 | 15 6 | 2 17 |
| W 7 | 6 52 | 22 25 | 0 31 | 5 38 | 2 8 | 18 3 | 0 31 | 0n16 | 0 57 | 15 50 | 1 21 | 6 59 | 2 11 | 12 17 | 0 43 | 11 42 | 0 28 | 20 12 | 1 58 | 22 38 | 22 48 | 15 34 | 15 7 | 2 17 |
| T 8 | 7 14 | 22 35 | 0s35 | 5 12 | 2 13 | 18 26 | 0 34 | 0 35 | 0 57 | 15 49 | 1 21 | 7 1 | 2 11 | 12 16 | 0 43 | 11 42 | 0 28 | 20 12 | 1 58 | 22 38 | 22 47 | 15 32 | 15 8 | 2 17 |
| F 9 | 7 37 | 21 40 | 1 38 | 4 45 | 2 17 | 18 48 | 0 37 | 0 54 | 0 57 | 15 47 | 1 21 | 7 2 | 2 11 | 12 15 | 0 43 | 11 42 | 0 28 | 20 12 | 1 58 | 22 38 | 22 47 | 15 30 | 15 9 | 2 17 |
| S 10 | 7 59 | 19 47 | 2 37 | 4 17 | 2 21 | 19 9 | 0 40 | 1 12 | 0 56 | 15 45 | 1 21 | 7 3 | 2 11 | 12 14 | 0 43 | 11 43 | 0 28 | 20 12 | 1 58 | 22 39 | 22 47 | 15 28 | 15 10 | 2 18 |
| S 11 | 8 21 | 17 3 | 3 28 | 3 47 | 2 24 | 19 30 | 0 43 | 1 31 | 0 56 | 15 44 | 1 21 | 7 5 | 2 11 | 12 13 | 0 43 | 11 43 | 0 28 | 20 12 | 1 58 | 22 38 | 22 46 | 15 26 | 15 11 | 2 18 |
| M12 | 8 43 | 13 38 | 4 10 | 3 16 | 2 27 | 19 51 | 0 46 | 1 50 | 0 56 | 15 42 | 1 21 | 7 6 | 2 11 | 12 12 | 0 43 | 11 43 | 0 28 | 20 12 | 1 57 | 22 38 | 22 46 | 15 24 | 15 12 | 2 18 |
| T 13 | 9 5 | 9 40 | 4 41 | 2 44 | 2 29 | 20 10 | 0 49 | 2 9 | 0 55 | 15 40 | 1 22 | 7 7 | 2 11 | 12 12 | 0 43 | 11 44 | 0 28 | 20 12 | 1 57 | 22 38 | 22 46 | 15 22 | 15 13 | 2 18 |
| W14 | 9 27 | 5 17 | 5 1 | 2 11 | 2 31 | 20 30 | 0 52 | 2 27 | 0 55 | 15 38 | 1 22 | 7 8 | 2 11 | 12 11 | 0 43 | 11 44 | 0 28 | 20 12 | 1 57 | 22 37 | 22 45 | 15 19 | 15 14 | 2 18 |
| T 15 | 9 48 | 0 38 | 5 7 | 1 37 | 2 32 | 20 49 | 0 56 | 2 46 | 0 55 | 15 36 | 1 22 | 7 9 | 2 10 | 12 10 | 0 43 | 11 44 | 0 28 | 20 12 | 1 57 | 22 36 | 22 45 | 15 17 | 15 15 | 2 18 |
| F 16 | 10 10 | 4s 8 | 4 58 | 1 2 | 2 33 | 21 7 | 0 59 | 3 5 | 0 54 | 15 34 | 1 22 | 7 11 | 2 10 | 12 9 | 0 43 | 11 45 | 0 28 | 20 12 | 1 57 | 22 35 | 22 45 | 15 15 | 15 16 | 2 18 |
| S 17 | 10 31 | 8 50 | 4 35 | 0 26 | 2 33 | 21 25 | 1 2 | 3 23 | 0 54 | 15 32 | 1 22 | 7 12 | 2 10 | 12 8 | 0 43 | 11 45 | 0 28 | 20 12 | 1 57 | 22 35 | 22 44 | 15 13 | 15 17 | 2 18 |
| S 18 | 10 52 | 13 15 | 3 57 | 0n11 | 2 33 | 21 42 | 1 5 | 3 42 | 0 53 | 15 30 | 1 22 | 7 13 | 2 10 | 12 8 | 0 43 | 11 45 | 0 28 | 20 12 | 1 57 | 22 34 | 22 44 | 15 11 | 15 18 | 2 18 |
| M19 | 11 13 | 17 5 | 3 6 | 0 50 | 2 32 | 21 59 | 1 8 | 4 0 | 0 53 | 15 28 | 1 22 | 7 14 | 2 10 | 12 7 | 0 43 | 11 45 | 0 28 | 20 12 | 1 57 | 22 33 | 22 44 | 15 9 | 15 19 | 2 18 |
| T 20 | 11 33 | 20 6 | 2 3 | 1 29 | 2 31 | 22 15 | 1 11 | 4 19 | 0 53 | 15 26 | 1 22 | 7 15 | 2 10 | 12 6 | 0 43 | 11 46 | 0 28 | 20 12 | 1 57 | 22 32 | 22 44 | 15 7 | 15 20 | 2 18 |
| W21 | 11 54 | 21 59 | 0 52 | 2 9 | 2 29 | 22 31 | 1 14 | 4 37 | 0 52 | 15 24 | 1 22 | 7 16 | 2 10 | 12 6 | 0 43 | 11 46 | 0 28 | 20 12 | 1 56 | 22 32 | 22 43 | 15 4 | 15 21 | 2 18 |
| T 22 | 12 14 | 22 34 | 0n23 | 2 50 | 2 27 | 22 46 | 1 17 | 4 56 | 0 52 | 15 22 | 1 22 | 7 17 | 2 10 | 12 5 | 0 43 | 11 46 | 0 28 | 20 13 | 1 56 | 22 32 | 22 43 | 15 2 | 15 22 | 2 18 |
| F 23 | 12 34 | 21 44 | 1 37 | 3 32 | 2 24 | 23 0 | 1 19 | 5 14 | 0 51 | 15 20 | 1 22 | 7 18 | 2 10 | 12 4 | 0 43 | 11 46 | 0 28 | 20 13 | 1 56 | 22 32 | 22 43 | 15 0 | 15 23 | 2 18 |
| S 24 | 12 54 | 19 32 | 2 46 | 4 15 | 2 20 | 23 14 | 1 22 | 5 32 | 0 51 | 15 18 | 1 22 | 7 18 | 2 9 | 12 4 | 0 43 | 11 46 | 0 28 | 20 13 | 1 56 | 22 32 | 22 42 | 14 58 | 15 24 | 2 18 |
| S 25 | 13 14 | 16 9 | 3 45 | 4 58 | 2 17 | 23 27 | 1 25 | 5 50 | 0 50 | 15 16 | 1 22 | 7 19 | 2 9 | 12 3 | 0 43 | 11 47 | 0 28 | 20 13 | 1 56 | 22 32 | 22 42 | 14 56 | 15 25 | 2 18 |
| M26 | 13 33 | 11 50 | 4 31 | 5 42 | 2 12 | 23 39 | 1 28 | 6 8 | 0 50 | 15 14 | 1 22 | 7 20 | 2 9 | 12 2 | 0 43 | 11 47 | 0 28 | 20 13 | 1 56 | 22 32 | 22 42 | 14 54 | 15 26 | 2 18 |
| T 27 | 13 52 | 6 52 | 5 0 | 6 27 | 2 7 | 23 51 | 1 31 | 6 26 | 0 50 | 15 12 | 1 22 | 7 21 | 2 9 | 12 2 | 0 43 | 11 47 | 0 28 | 20 13 | 1 56 | 22 32 | 22 41 | 14 51 | 15 27 | 2 18 |
| W28 | 14 11 | 1 32 | 5 11 | 7 12 | 2 2 | 24 2 | 1 33 | 6 44 | 0 49 | 15 10 | 1 22 | 7 21 | 2 9 | 12 1 | 0 43 | 11 47 | 0 28 | 20 13 | 1 56 | 22 32 | 22 41 | 14 49 | 15 28 | 2 18 |
| T 29 | 14 30 | 3n49 | 5 3 | 7 58 | 1 56 | 24 13 | 1 36 | 7 2 | 0 49 | 15 7 | 1 22 | 7 22 | 2 9 | 12 0 | 0 43 | 11 47 | 0 28 | 20 13 | 1 56 | 22 31 | 22 41 | 14 47 | 15 29 | 2 18 |
| F 30 | 14n48 | 8n57 | 4n37 | 8n45 | 1s50 | 24n23 | 1n39 | 7n20 | 0s48 | 15s 5 | 1n22 | 7n23 | 2n 9 | 12s 0 | 0s43 | 11n47 | 0n28 | 20n13 | 1s56 | 22s31 | 22s40 | 14n45 | 15n30 | 2s18 |

Julian Day Number = 2605402.5, Delta T = 09m40s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'47, Lahiri = 29°44'48


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## MAY 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 37 8 | 11♉ 3'37 | 25♈40 | 29♈ 8 | 18♊ 6 | 21♈30 | 15°R12 | 16°R15 | 0♓23 | 0°R16 | 18♋26 | 14°R38 | 16♐10 | 6♌40 | 20♉ 9 | S 1 |
| S 2 | 14 41 4 | 12° 2'05 | 9♉10 | 1♉ 4 | 19°16 | 22°16 | 15♏ 4 | 16♍14 | 0°25 | 0♍16 | 18°27 | 14♐33 | 16° 7 | 6°47 | 20°13 | S 2 |
| M 3 | 14 45 1 | 13° 0'32 | 22°23 | 3° 2 | 20°27 | 23° 2 | 14°57 | 16°12 | 0°26 | 0°16 | 18°28 | 14°30 | 16° 3 | 6°54 | 20°17 | M 3 |
| T 4 | 14 48 58 | 13°58'57 | 5♊18 | 5° 2 | 21°37 | 23°48 | 14°49 | 16°10 | 0°28 | 0°16 | 18°28 | 14°28 | 16° 0 | 7° 0 | 20°21 | T 4 |
| W 5 | 14 52 54 | 14°57'20 | 17°54 | 7° 3 | 22°47 | 24°34 | 14°41 | 16° 9 | 0°29 | 0°15 | 18°29 | 14°D28 | 15°57 | 7° 7 | 20°25 | W 5 |
| T 6 | 14 56 51 | 15°55'41 | 0♋15 | 9° 6 | 23°58 | 25°20 | 14°34 | 16° 8 | 0°31 | 0°15 | 18°30 | 14°29 | 15°54 | 7°14 | 20°29 | T 6 |
| F 7 | 15 0 47 | 16°54'00 | 12°22 | 11°10 | 25° 8 | 26° 6 | 14°26 | 16° 7 | 0°32 | 0°15 | 18°31 | 14°31 | 15°51 | 7°20 | 20°33 | F 7 |
| S 8 | 15 4 44 | 17°52'18 | 24°20 | 13°15 | 26°17 | 26°52 | 14°18 | 16° 6 | 0°34 | 0°15 | 18°32 | 14°32 | 15°48 | 7°27 | 20°38 | S 8 |
| S 9 | 15 8 40 | 18°50'33 | 6♌12 | 15°22 | 27°27 | 27°38 | 14°11 | 16° 5 | 0°35 | 0°15 | 18°33 | 14°34 | 15°44 | 7°34 | 20°42 | S 9 |
| M10 | 15 12 37 | 19°48'46 | 18° 4 | 17°29 | 28°37 | 28°23 | 14° 3 | 16° 4 | 0°36 | 0°15 | 18°33 | 14°R34 | 15°41 | 7°40 | 20°46 | M10 |
| T 11 | 15 16 34 | 20°46'57 | 29°59 | 19°38 | 29°47 | 29° 9 | 13°55 | 16° 3 | 0°37 | 0°D15 | 18°34 | 14°34 | 15°38 | 7°47 | 20°50 | T 11 |
| W12 | 15 20 30 | 21°45'06 | 12♍ 4 | 21°47 | 0♋56 | 29°55 | 13°48 | 16° 2 | 0°39 | 0°15 | 18°35 | 14°33 | 15°35 | 7°54 | 20°54 | W12 |
| T 13 | 15 24 27 | 22°43'13 | 24°22 | 23°57 | 2° 5 | 0♉40 | 13°40 | 16° 2 | 0°40 | 0°15 | 18°36 | 14°30 | 15°32 | 8° 1 | 20°58 | T 13 |
| F 14 | 15 28 23 | 23°41'19 | 6♎57 | 26° 8 | 3°15 | 1°26 | 13°33 | 16° 1 | 0°41 | 0°15 | 18°37 | 14°27 | 15°28 | 8° 7 | 21° 2 | F 14 |
| S 15 | 15 32 20 | 24°39'22 | 19°51 | 28°18 | 4°24 | 2°12 | 13°25 | 16° 1 | 0°42 | 0°15 | 18°38 | 14°24 | 15°25 | 8°14 | 21° 6 | S 15 |
| S 16 | 15 36 16 | 25°37'24 | 3♏ 6 | 0♊28 | 5°33 | 2°57 | 13°18 | 16° 1 | 0°43 | 0°15 | 18°39 | 14°22 | 15°22 | 8°21 | 21°11 | S 16 |
| M17 | 15 40 13 | 26°35'24 | 16°41 | 2°38 | 6°42 | 3°43 | 13°11 | 16° 1 | 0°44 | 0°16 | 18°40 | 14°20 | 15°19 | 8°27 | 21°15 | M17 |
| T 18 | 15 44 9 | 27°33'22 | 0♐34 | 4°47 | 7°50 | 4°28 | 13° 4 | 16°D 1 | 0°45 | 0°16 | 18°41 | 14°18 | 15°16 | 8°34 | 21°19 | T 18 |
| W19 | 15 48 6 | 28°31'19 | 14°42 | 6°54 | 8°59 | 5°13 | 12°56 | 16° 1 | 0°45 | 0°16 | 18°42 | 14°D18 | 15°13 | 8°41 | 21°23 | W19 |
| T 20 | 15 52 3 | 29°29'15 | 29° 1 | 9° 1 | 10° 7 | 5°59 | 12°49 | 16° 1 | 0°46 | 0°16 | 18°43 | 14°18 | 15° 9 | 8°47 | 21°27 | T 20 |
| F 21 | 15 55 59 | 0♊27'09 | 13♑26 | 11° 6 | 11°16 | 6°44 | 12°42 | 16° 1 | 0°47 | 0°17 | 18°44 | 14°19 | 15° 6 | 8°54 | 21°31 | F 21 |
| S 22 | 15 59 56 | 1°25'02 | 27°52 | 13° 8 | 12°24 | 7°29 | 12°35 | 16° 2 | 0°48 | 0°17 | 18°45 | 14°20 | 15° 3 | 9° 1 | 21°35 | S 22 |
| S 23 | 16 3 52 | 2°22'54 | 12♒15 | 15° 9 | 13°32 | 8°14 | 12°28 | 16° 2 | 0°48 | 0°17 | 18°46 | 14°21 | 15° 0 | 9° 7 | 21°39 | S 23 |
| M24 | 16 7 49 | 3°20'44 | 26°33 | 17° 8 | 14°40 | 8°59 | 12°22 | 16° 3 | 0°49 | 0°18 | 18°47 | 14°22 | 14°57 | 9°14 | 21°43 | M24 |
| T 25 | 16 11 45 | 4°18'33 | 10♓41 | 19° 4 | 15°48 | 9°44 | 12°15 | 16° 3 | 0°49 | 0°18 | 18°49 | 14°R22 | 14°54 | 9°21 | 21°47 | T 25 |
| W26 | 16 15 42 | 5°16'22 | 24°38 | 20°57 | 16°55 | 10°29 | 12° 8 | 16° 4 | 0°50 | 0°19 | 18°50 | 14°21 | 14°50 | 9°28 | 21°51 | W26 |
| T 27 | 16 19 38 | 6°14'09 | 8♈23 | 22°48 | 18° 3 | 11°14 | 12° 2 | 16° 5 | 0°50 | 0°19 | 18°51 | 14°20 | 14°47 | 9°34 | 21°56 | T 27 |
| F 28 | 16 23 35 | 7°11'55 | 21°56 | 24°36 | 19°10 | 11°59 | 11°55 | 16° 6 | 0°51 | 0°20 | 18°52 | 14°20 | 14°44 | 9°41 | 22° 0 | F 28 |
| S 29 | 16 27 32 | 8° 9'39 | 5♉14 | 26°21 | 20°17 | 12°44 | 11°49 | 16° 7 | 0°51 | 0°20 | 18°53 | 14°19 | 14°41 | 9°48 | 22° 4 | S 29 |
| S 30 | 16 31 28 | 9° 7'23 | 18°19 | 28° 2 | 21°24 | 13°29 | 11°43 | 16° 9 | 0°51 | 0°21 | 18°54 | 14°18 | 14°38 | 9°54 | 22° 8 | S 30 |
| M31 | 16 35 25 | 10♊ 5'06 | 1♊10 | 29♊41 | 22♋31 | 14♉14 | 11♏37 | 16♍10 | 0♓52 | 0♍22 | 18♋56 | 14♐18 | 14♐34 | 10♌ 1 | 22♉12 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 7 | 13n33 | 3n55 | 9n32 | 1s43 | 24n32 | 1n41 | 7n37 | 0s48 | 15s 3 | 1n22 | 7n23 | 2n 9 | 11s59 | 0s44 | 11n47 | 0n28 | 20n13 | 1s55 | 22s30 | 22s40 | 14n43 | 15n31 | 2s18 |
| S 2 | 15 25 | 17 22 | 3 1 | 10 19 | 1 36 | 24 41 | 1 44 | 7 55 | 0 47 | 15 1 | 1 22 | 7 24 | 2 8 | 11 59 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 30 | 22 40 | 14 40 | 15 32 | 2 18 |
| M 3 | 15 42 | 20 13 | 1 58 | 11 7 | 1 28 | 24 48 | 1 46 | 8 13 | 0 47 | 14 59 | 1 22 | 7 24 | 2 8 | 11 58 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 39 | 14 38 | 15 33 | 2 18 |
| T 4 | 16 0 | 21 57 | 0 50 | 11 55 | 1 20 | 24 56 | 1 49 | 8 30 | 0 46 | 14 57 | 1 22 | 7 25 | 2 8 | 11 58 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 39 | 14 36 | 15 34 | 2 18 |
| W 5 | 16 17 | 22 31 | 0s19 | 12 43 | 1 11 | 25 2 | 1 51 | 8 47 | 0 46 | 14 54 | 1 22 | 7 25 | 2 8 | 11 57 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 39 | 14 34 | 15 35 | 2 19 |
| T 6 | 16 34 | 21 58 | 1 26 | 13 30 | 1 2 | 25 8 | 1 53 | 9 4 | 0 45 | 14 52 | 1 22 | 7 25 | 2 8 | 11 57 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 38 | 14 32 | 15 36 | 2 19 |
| F 7 | 16 51 | 20 22 | 2 27 | 14 18 | 0 53 | 25 13 | 1 56 | 9 22 | 0 45 | 14 50 | 1 21 | 7 26 | 2 8 | 11 56 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 38 | 14 30 | 15 37 | 2 19 |
| S 8 | 17 7 | 17 54 | 3 22 | 15 5 | 0 43 | 25 18 | 1 58 | 9 39 | 0 44 | 14 48 | 1 21 | 7 26 | 2 8 | 11 56 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 29 | 22 38 | 14 27 | 15 38 | 2 19 |
| S 9 | 17 23 | 14 41 | 4 7 | 15 52 | 0 34 | 25 22 | 2 0 | 9 55 | 0 44 | 14 46 | 1 21 | 7 26 | 2 7 | 11 55 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 30 | 22 37 | 14 25 | 15 39 | 2 19 |
| M10 | 17 39 | 10 55 | 4 42 | 16 38 | 0 23 | 25 25 | 2 2 | 10 12 | 0 43 | 14 44 | 1 21 | 7 26 | 2 7 | 11 55 | 0 44 | 11 48 | 0 28 | 20 13 | 1 55 | 22 30 | 22 37 | 14 23 | 15 40 | 2 19 |
| T 11 | 17 54 | 6 41 | 5 5 | 17 24 | 0 13 | 25 27 | 2 4 | 10 29 | 0 43 | 14 41 | 1 21 | 7 27 | 2 7 | 11 55 | 0 44 | 11 48 | 0 28 | 20 13 | 1 54 | 22 30 | 22 37 | 14 21 | 15 41 | 2 19 |
| W12 | 18 10 | 2 10 | 5 14 | 18 8 | 0 3 | 25 29 | 2 6 | 10 45 | 0 42 | 14 39 | 1 21 | 7 27 | 2 7 | 11 54 | 0 44 | 11 48 | 0 28 | 20 13 | 1 54 | 22 29 | 22 36 | 14 19 | 15 42 | 2 19 |
| T 13 | 18 25 | 2s31 | 5 10 | 18 51 | 0n 8 | 25 30 | 2 8 | 11 2 | 0 42 | 14 37 | 1 21 | 7 27 | 2 7 | 11 54 | 0 44 | 11 48 | 0 28 | 20 13 | 1 54 | 22 29 | 22 36 | 14 16 | 15 43 | 2 19 |
| F 14 | 18 39 | 7 12 | 4 51 | 19 33 | 0 19 | 25 30 | 2 10 | 11 18 | 0 41 | 14 35 | 1 21 | 7 27 | 2 7 | 11 54 | 0 44 | 11 48 | 0 28 | 20 13 | 1 54 | 22 29 | 22 36 | 14 14 | 15 44 | 2 19 |
| S 15 | 18 53 | 11 42 | 4 17 | 20 13 | 0 29 | 25 30 | 2 11 | 11 34 | 0 41 | 14 33 | 1 21 | 7 27 | 2 6 | 11 53 | 0 44 | 11 48 | 0 28 | 20 12 | 1 54 | 22 29 | 22 35 | 14 12 | 15 45 | 2 19 |
| S 16 | 19 7 | 15 47 | 3 28 | 20 51 | 0 39 | 25 29 | 2 13 | 11 50 | 0 40 | 14 31 | 1 21 | 7 27 | 2 6 | 11 53 | 0 44 | 11 48 | 0 28 | 20 12 | 1 54 | 22 28 | 22 35 | 14 10 | 15 46 | 2 19 |
| M17 | 19 21 | 19 8 | 2 27 | 21 27 | 0 50 | 25 27 | 2 15 | 12 6 | 0 40 | 14 29 | 1 20 | 7 27 | 2 6 | 11 53 | 0 44 | 11 48 | 0 28 | 20 12 | 1 54 | 22 28 | 22 35 | 14 8 | 15 47 | 2 20 |
| T 18 | 19 34 | 21 27 | 1 15 | 22 1 | 0 59 | 25 25 | 2 16 | 12 22 | 0 39 | 14 27 | 1 20 | 7 26 | 2 6 | 11 52 | 0 44 | 11 48 | 0 28 | 20 12 | 1 54 | 22 28 | 22 34 | 14 5 | 15 48 | 2 20 |
| W19 | 19 47 | 22 28 | 0n 2 | 22 33 | 1 9 | 25 22 | 2 17 | 12 38 | 0 38 | 14 25 | 1 20 | 7 26 | 2 6 | 11 52 | 0 44 | 11 48 | 0 28 | 20 12 | 1 54 | 22 28 | 22 34 | 14 3 | 15 49 | 2 20 |
| T 20 | 20 0 | 22 2 | 1 21 | 23 2 | 1 18 | 25 18 | 2 19 | 12 53 | 0 38 | 14 23 | 1 20 | 7 26 | 2 6 | 11 52 | 0 44 | 11 47 | 0 28 | 20 12 | 1 54 | 22 28 | 22 34 | 14 1 | 15 50 | 2 20 |
| F 21 | 20 12 | 20 9 | 2 34 | 23 29 | 1 26 | 25 14 | 2 20 | 13 9 | 0 37 | 14 21 | 1 20 | 7 26 | 2 5 | 11 52 | 0 44 | 11 47 | 0 28 | 20 12 | 1 54 | 22 28 | 22 33 | 13 59 | 15 51 | 2 20 |
| S 22 | 20 24 | 16 58 | 3 38 | 23 53 | 1 34 | 25 9 | 2 21 | 13 24 | 0 37 | 14 19 | 1 20 | 7 25 | 2 5 | 11 51 | 0 44 | 11 47 | 0 28 | 20 12 | 1 53 | 22 28 | 22 33 | 13 56 | 15 52 | 2 20 |
| S 23 | 20 35 | 12 47 | 4 28 | 24 14 | 1 42 | 25 3 | 2 22 | 13 39 | 0 36 | 14 17 | 1 20 | 7 25 | 2 5 | 11 51 | 0 44 | 11 47 | 0 28 | 20 12 | 1 53 | 22 28 | 22 33 | 13 54 | 15 53 | 2 20 |
| M24 | 20 47 | 7 54 | 5 2 | 24 33 | 1 48 | 24 57 | 2 23 | 13 54 | 0 36 | 14 15 | 1 19 | 7 25 | 2 5 | 11 51 | 0 44 | 11 47 | 0 28 | 20 12 | 1 53 | 22 28 | 22 32 | 13 52 | 15 54 | 2 20 |
| T 25 | 20 57 | 2 40 | 5 16 | 24 50 | 1 54 | 24 50 | 2 24 | 14 9 | 0 35 | 14 13 | 1 19 | 7 24 | 2 5 | 11 51 | 0 44 | 11 47 | 0 28 | 20 12 | 1 53 | 22 28 | 22 32 | 13 50 | 15 55 | 2 20 |
| W26 | 21 8 | 2n39 | 5 12 | 25 4 | 1 59 | 24 42 | 2 25 | 14 23 | 0 34 | 14 11 | 1 19 | 7 24 | 2 5 | 11 51 | 0 45 | 11 47 | 0 28 | 20 12 | 1 53 | 22 28 | 22 31 | 13 48 | 15 56 | 2 20 |
| T 27 | 21 18 | 7 45 | 4 49 | 25 15 | 2 4 | 24 34 | 2 25 | 14 38 | 0 34 | 14 9 | 1 19 | 7 23 | 2 4 | 11 51 | 0 45 | 11 46 | 0 28 | 20 12 | 1 53 | 22 28 | 22 31 | 13 45 | 15 56 | 2 21 |
| F 28 | 21 28 | 12 24 | 4 11 | 25 24 | 2 7 | 24 25 | 2 26 | 14 52 | 0 33 | 14 8 | 1 19 | 7 23 | 2 4 | 11 51 | 0 45 | 11 46 | 0 28 | 20 12 | 1 53 | 22 28 | 22 31 | 13 43 | 15 57 | 2 21 |
| S 29 | 21 37 | 16 23 | 3 20 | 25 30 | 2 10 | 24 16 | 2 26 | 15 6 | 0 33 | 14 6 | 1 19 | 7 22 | 2 4 | 11 51 | 0 45 | 11 46 | 0 28 | 20 12 | 1 53 | 22 28 | 22 30 | 13 41 | 15 58 | 2 21 |
| S 30 | 21 46 | 19 28 | 2 19 | 25 35 | 2 12 | 24 6 | 2 26 | 15 21 | 0 32 | 14 4 | 1 18 | 7 22 | 2 4 | 11 50 | 0 45 | 11 46 | 0 28 | 20 12 | 1 53 | 22 28 | 22 30 | 13 39 | 15 59 | 2 21 |
| M31 | 21n55 | 21n31 | 1n12 | 25n37 | 2n14 | 23n55 | 2n27 | 15n34 | 0s31 | 14s 3 | 1n18 | 7n21 | 2n 4 | 11s50 | 0s45 | 11n46 | 0n28 | 20n11 | 1s53 | 22s28 | 22s30 | 13n36 | 16n 0 | 2s21 |

Julian Day Number = 2605432.5, Delta T = 09m40s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'51, Lahiri = 29°44'53


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## JUNE 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 39 21 | 11♊ 2'47 | 13♊47 | 1♋17 | 23♋38 | 14♉59 | 11°R31 | 16♍11 | 0♓52 | 0♍22 | 18♋57 | 14°D18 | 14♐31 | 10♌ 8 | 22♉16 | T 1 |
| W 2 | 16 43 18 | 12° 0'28 | 26°11 | 2°50 | 24°44 | 15°43 | 11♏25 | 16°13 | 0°52 | 0°23 | 18°58 | 14♐18 | 14°28 | 10°14 | 22°20 | W 2 |
| T 3 | 16 47 14 | 12°58'07 | 8♋24 | 4°19 | 25°50 | 16°28 | 11°20 | 16°14 | 0°52 | 0°24 | 18°59 | 14°18 | 14°25 | 10°21 | 22°23 | T 3 |
| F 4 | 16 51 11 | 13°55'44 | 20°27 | 5°45 | 26°56 | 17°12 | 11°14 | 16°16 | 0°R52 | 0°24 | 19° 1 | 14°R18 | 14°22 | 10°28 | 22°27 | F 4 |
| S 5 | 16 55 7 | 14°53'21 | 2♌22 | 7° 8 | 28° 2 | 17°57 | 11° 9 | 16°18 | 0°52 | 0°25 | 19° 2 | 14°18 | 14°19 | 10°35 | 22°31 | S 5 |
| S 6 | 16 59 4 | 15°50'56 | 14°14 | 8°28 | 29° 8 | 18°41 | 11° 4 | 16°20 | 0°52 | 0°26 | 19° 3 | 14°18 | 14°15 | 10°41 | 22°35 | S 6 |
| M 7 | 17 3 1 | 16°48'29 | 26° 5 | 9°44 | 0♌14 | 19°26 | 10°58 | 16°22 | 0°52 | 0°27 | 19° 5 | 14°18 | 14°12 | 10°48 | 22°39 | M 7 |
| T 8 | 17 6 57 | 17°46'02 | 8♍ 1 | 10°57 | 1°19 | 20°10 | 10°53 | 16°24 | 0°52 | 0°28 | 19° 6 | 14°17 | 14° 9 | 10°55 | 22°43 | T 8 |
| W 9 | 17 10 54 | 18°43'33 | 20° 5 | 12° 7 | 2°24 | 20°54 | 10°49 | 16°26 | 0°52 | 0°29 | 19° 7 | 14°D17 | 14° 6 | 11° 1 | 22°47 | W 9 |
| T 10 | 17 14 50 | 19°41'02 | 2♎21 | 13°13 | 3°29 | 21°38 | 10°44 | 16°29 | 0°51 | 0°30 | 19° 9 | 14°18 | 14° 3 | 11° 8 | 22°51 | T 10 |
| F 11 | 17 18 47 | 20°38'31 | 14°55 | 14°15 | 4°34 | 22°23 | 10°40 | 16°31 | 0°51 | 0°31 | 19°10 | 14°18 | 14° 0 | 11°15 | 22°54 | F 11 |
| S 12 | 17 22 43 | 21°35'58 | 27°50 | 15°14 | 5°38 | 23° 7 | 10°35 | 16°34 | 0°51 | 0°32 | 19°11 | 14°19 | 13°56 | 11°21 | 22°58 | S 12 |
| S 13 | 17 26 40 | 22°33'24 | 11♏ 8 | 16° 9 | 6°42 | 23°51 | 10°31 | 16°36 | 0°50 | 0°33 | 19°13 | 14°19 | 13°53 | 11°28 | 23° 2 | S 13 |
| M14 | 17 30 36 | 23°30'49 | 24°51 | 17° 0 | 7°46 | 24°35 | 10°27 | 16°39 | 0°50 | 0°34 | 19°14 | 14°20 | 13°50 | 11°35 | 23° 6 | M14 |
| T 15 | 17 34 33 | 24°28'13 | 8♐57 | 17°48 | 8°50 | 25°19 | 10°23 | 16°42 | 0°49 | 0°35 | 19°16 | 14°R20 | 13°47 | 11°42 | 23° 9 | T 15 |
| W16 | 17 38 30 | 25°25'37 | 23°24 | 18°31 | 9°53 | 26° 3 | 10°19 | 16°45 | 0°49 | 0°36 | 19°17 | 14°20 | 13°44 | 11°48 | 23°13 | W16 |
| T 17 | 17 42 26 | 26°22'59 | 8♑ 7 | 19°11 | 10°56 | 26°46 | 10°16 | 16°48 | 0°48 | 0°37 | 19°18 | 14°20 | 13°40 | 11°55 | 23°17 | T 17 |
| F 18 | 17 46 23 | 27°20'21 | 22°58 | 19°46 | 11°59 | 27°30 | 10°13 | 16°51 | 0°48 | 0°38 | 19°20 | 14°18 | 13°37 | 12° 2 | 23°20 | F 18 |
| S 19 | 17 50 19 | 28°17'42 | 7♒50 | 20°17 | 13° 2 | 28°14 | 10° 9 | 16°54 | 0°47 | 0°40 | 19°21 | 14°17 | 13°34 | 12° 8 | 23°24 | S 19 |
| S 20 | 17 54 16 | 29°15'02 | 22°35 | 20°43 | 14° 4 | 28°57 | 10° 6 | 16°57 | 0°46 | 0°41 | 19°23 | 14°15 | 13°31 | 12°15 | 23°27 | S 20 |
| M21 | 17 58 12 | 0♋12'22 | 7♓ 7 | 21° 6 | 15° 6 | 29°41 | 10° 3 | 17° 1 | 0°46 | 0°42 | 19°24 | 14°14 | 13°28 | 12°22 | 23°31 | M21 |
| T 22 | 18 2 9 | 1° 9'42 | 21°22 | 21°23 | 16° 8 | 0♊25 | 10° 1 | 17° 4 | 0°45 | 0°43 | 19°26 | 14°13 | 13°25 | 12°28 | 23°34 | T 22 |
| W23 | 18 6 5 | 2° 7'01 | 5♈18 | 21°36 | 17°10 | 1° 8 | 9°58 | 17° 8 | 0°44 | 0°45 | 19°27 | 14°D13 | 13°21 | 12°35 | 23°38 | W23 |
| T 24 | 18 10 2 | 3° 4'20 | 18°54 | 21°45 | 18°11 | 1°51 | 9°56 | 17°11 | 0°43 | 0°46 | 19°29 | 14°13 | 13°18 | 12°42 | 23°41 | T 24 |
| F 25 | 18 13 59 | 4° 1'39 | 2♉10 | 21°R49 | 19°12 | 2°35 | 9°54 | 17°15 | 0°42 | 0°47 | 19°30 | 14°14 | 13°15 | 12°49 | 23°45 | F 25 |
| S 26 | 18 17 55 | 4°58'57 | 15°10 | 21°49 | 20°12 | 3°18 | 9°52 | 17°19 | 0°41 | 0°49 | 19°32 | 14°16 | 13°12 | 12°55 | 23°48 | S 26 |
| S 27 | 18 21 52 | 5°56'15 | 27°54 | 21°44 | 21°12 | 4° 1 | 9°50 | 17°23 | 0°40 | 0°50 | 19°33 | 14°17 | 13° 9 | 13° 2 | 23°51 | S 27 |
| M28 | 18 25 48 | 6°53'33 | 10♊25 | 21°35 | 22°12 | 4°44 | 9°48 | 17°27 | 0°39 | 0°52 | 19°34 | 14°R18 | 13° 6 | 13° 9 | 23°55 | M28 |
| T 29 | 18 29 45 | 7°50'51 | 22°45 | 21°21 | 23°11 | 5°28 | 9°47 | 17°31 | 0°38 | 0°53 | 19°36 | 14°18 | 13° 2 | 13°15 | 23°58 | T 29 |
| W30 | 18 33 41 | 8♋48'08 | 4♋56 | 21♋ 3 | 24♌10 | 6♊11 | 9♏46 | 17♍35 | 0♓37 | 0♍55 | 19♋37 | 14♐16 | 12♐59 | 13♌22 | 24♉ 1 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 3 | 22n27 | 0n 3 | 25n37 | 2n14 | 23n44 | 2n27 | 15n48 | 0s31 | 14s 1 | 1n18 | 7n20 | 2n 4 | 11s50 | 0s45 | 11n45 | 0n28 | 20n11 | 1s53 | 22s28 | 22s29 | 13n34 | 16n 1 | 2s21 |
| W 2 | 22 11 | 22 14 | 1s 6 | 25 35 | 2 14 | 23 32 | 2 27 | 16 2 | 0 30 | 13 59 | 1 18 | 7 19 | 2 3 | 11 50 | 0 45 | 11 45 | 0 28 | 20 11 | 1 52 | 22 28 | 22 29 | 13 32 | 16 2 | 2 21 |
| T 3 | 22 18 | 20 58 | 2 10 | 25 31 | 2 12 | 23 20 | 2 27 | 16 15 | 0 29 | 13 58 | 1 18 | 7 19 | 2 3 | 11 50 | 0 45 | 11 45 | 0 28 | 20 11 | 1 52 | 22 28 | 22 29 | 13 30 | 16 3 | 2 21 |
| F 4 | 22 25 | 18 45 | 3 7 | 25 26 | 2 10 | 23 7 | 2 26 | 16 28 | 0 29 | 13 56 | 1 17 | 7 18 | 2 3 | 11 50 | 0 45 | 11 45 | 0 28 | 20 11 | 1 52 | 22 28 | 22 28 | 13 27 | 16 4 | 2 22 |
| S 5 | 22 32 | 15 45 | 3 56 | 25 19 | 2 7 | 22 53 | 2 26 | 16 41 | 0 28 | 13 55 | 1 17 | 7 17 | 2 3 | 11 50 | 0 45 | 11 44 | 0 28 | 20 11 | 1 52 | 22 28 | 22 28 | 13 25 | 16 4 | 2 22 |
| S 6 | 22 38 | 12 8 | 4 35 | 25 10 | 2 4 | 22 39 | 2 26 | 16 54 | 0 28 | 13 53 | 1 17 | 7 16 | 2 3 | 11 50 | 0 45 | 11 44 | 0 28 | 20 11 | 1 52 | 22 28 | 22 27 | 13 23 | 16 5 | 2 22 |
| M 7 | 22 44 | 8 4 | 5 1 | 25 0 | 1 59 | 22 25 | 2 25 | 17 7 | 0 27 | 13 52 | 1 17 | 7 15 | 2 3 | 11 51 | 0 45 | 11 44 | 0 28 | 20 11 | 1 52 | 22 28 | 22 27 | 13 21 | 16 6 | 2 22 |
| T 8 | 22 49 | 3 40 | 5 15 | 24 49 | 1 54 | 22 10 | 2 24 | 17 19 | 0 26 | 13 51 | 1 17 | 7 14 | 2 2 | 11 51 | 0 45 | 11 43 | 0 28 | 20 11 | 1 52 | 22 28 | 22 27 | 13 18 | 16 7 | 2 22 |
| W 9 | 22 54 | 0s55 | 5 16 | 24 37 | 1 47 | 21 54 | 2 23 | 17 32 | 0 26 | 13 49 | 1 16 | 7 13 | 2 2 | 11 51 | 0 45 | 11 43 | 0 28 | 20 11 | 1 52 | 22 28 | 22 26 | 13 16 | 16 8 | 2 22 |
| T 10 | 22 59 | 5 33 | 5 2 | 24 24 | 1 40 | 21 38 | 2 22 | 17 44 | 0 25 | 13 48 | 1 16 | 7 12 | 2 2 | 11 51 | 0 45 | 11 43 | 0 28 | 20 11 | 1 52 | 22 28 | 22 26 | 13 14 | 16 9 | 2 22 |
| F 11 | 23 3 | 10 4 | 4 33 | 24 9 | 1 33 | 21 22 | 2 21 | 17 56 | 0 24 | 13 47 | 1 16 | 7 11 | 2 2 | 11 51 | 0 45 | 11 42 | 0 28 | 20 10 | 1 52 | 22 28 | 22 26 | 13 12 | 16 9 | 2 23 |
| S 12 | 23 7 | 14 15 | 3 50 | 23 54 | 1 24 | 21 5 | 2 20 | 18 8 | 0 24 | 13 46 | 1 16 | 7 10 | 2 2 | 11 51 | 0 45 | 11 42 | 0 28 | 20 10 | 1 52 | 22 28 | 22 25 | 13 9 | 16 10 | 2 23 |
| S 13 | 23 10 | 17 53 | 2 54 | 23 39 | 1 15 | 20 47 | 2 19 | 18 19 | 0 23 | 13 45 | 1 15 | 7 9 | 2 2 | 11 51 | 0 45 | 11 42 | 0 28 | 20 10 | 1 52 | 22 28 | 22 25 | 13 7 | 16 11 | 2 23 |
| M14 | 23 14 | 20 39 | 1 46 | 23 22 | 1 5 | 20 30 | 2 17 | 18 31 | 0 22 | 13 44 | 1 15 | 7 7 | 2 2 | 11 52 | 0 45 | 11 41 | 0 28 | 20 10 | 1 51 | 22 28 | 22 24 | 13 5 | 16 12 | 2 23 |
| T 15 | 23 16 | 22 14 | 0 30 | 23 6 | 0 54 | 20 11 | 2 16 | 18 42 | 0 22 | 13 43 | 1 15 | 7 6 | 2 1 | 11 52 | 0 45 | 11 41 | 0 28 | 20 10 | 1 51 | 22 28 | 22 24 | 13 3 | 16 12 | 2 23 |
| W16 | 23 18 | 22 23 | 0n50 | 22 48 | 0 42 | 19 53 | 2 14 | 18 53 | 0 21 | 13 42 | 1 15 | 7 5 | 2 1 | 11 52 | 0 45 | 11 40 | 0 28 | 20 10 | 1 51 | 22 28 | 22 24 | 13 0 | 16 13 | 2 23 |
| T 17 | 23 20 | 21 1 | 2 8 | 22 31 | 0 30 | 19 34 | 2 12 | 19 4 | 0 20 | 13 41 | 1 15 | 7 4 | 2 1 | 11 52 | 0 45 | 11 40 | 0 28 | 20 10 | 1 51 | 22 28 | 22 23 | 12 58 | 16 14 | 2 23 |
| F 18 | 23 21 | 18 11 | 3 18 | 22 13 | 0 17 | 19 14 | 2 10 | 19 14 | 0 20 | 13 40 | 1 14 | 7 2 | 2 1 | 11 52 | 0 45 | 11 40 | 0 28 | 20 10 | 1 51 | 22 28 | 22 23 | 12 56 | 16 15 | 2 24 |
| S 19 | 23 22 | 14 10 | 4 14 | 21 55 | 0 4 | 18 54 | 2 8 | 19 25 | 0 19 | 13 39 | 1 14 | 7 1 | 2 1 | 11 53 | 0 45 | 11 39 | 0 28 | 20 9 | 1 51 | 22 28 | 22 23 | 12 54 | 16 15 | 2 24 |
| S 20 | 23 23 | 9 19 | 4 54 | 21 37 | 0s11 | 18 34 | 2 5 | 19 35 | 0 18 | 13 39 | 1 14 | 6 59 | 2 1 | 11 53 | 0 45 | 11 39 | 0 28 | 20 9 | 1 51 | 22 27 | 22 22 | 12 51 | 16 16 | 2 24 |
| M21 | 23 23 | 4 1 | 5 13 | 21 19 | 0 25 | 18 14 | 2 3 | 19 45 | 0 18 | 13 38 | 1 14 | 6 58 | 2 0 | 11 53 | 0 46 | 11 38 | 0 28 | 20 9 | 1 51 | 22 27 | 22 22 | 12 49 | 16 17 | 2 24 |
| T 22 | 23 23 | 1n23 | 5 13 | 21 1 | 0 40 | 17 53 | 2 0 | 19 55 | 0 17 | 13 37 | 1 13 | 6 57 | 2 0 | 11 54 | 0 46 | 11 38 | 0 28 | 20 9 | 1 51 | 22 27 | 22 21 | 12 47 | 16 18 | 2 24 |
| W23 | 23 22 | 6 37 | 4 55 | 20 44 | 0 56 | 17 31 | 1 58 | 20 4 | 0 16 | 13 37 | 1 13 | 6 55 | 2 0 | 11 54 | 0 46 | 11 37 | 0 28 | 20 9 | 1 51 | 22 27 | 22 21 | 12 44 | 16 18 | 2 24 |
| T 24 | 23 21 | 11 23 | 4 20 | 20 27 | 1 12 | 17 10 | 1 55 | 20 14 | 0 16 | 13 36 | 1 13 | 6 53 | 2 0 | 11 54 | 0 46 | 11 37 | 0 28 | 20 9 | 1 51 | 22 27 | 22 21 | 12 42 | 16 19 | 2 25 |
| F 25 | 23 19 | 15 31 | 3 32 | 20 10 | 1 28 | 16 48 | 1 52 | 20 23 | 0 15 | 13 36 | 1 13 | 6 52 | 2 0 | 11 55 | 0 46 | 11 36 | 0 28 | 20 9 | 1 51 | 22 27 | 22 20 | 12 40 | 16 20 | 2 25 |
| S 26 | 23 17 | 18 48 | 2 34 | 19 54 | 1 45 | 16 26 | 1 48 | 20 32 | 0 14 | 13 36 | 1 12 | 6 50 | 2 0 | 11 55 | 0 46 | 11 36 | 0 28 | 20 8 | 1 51 | 22 27 | 22 20 | 12 38 | 16 20 | 2 25 |
| S 27 | 23 15 | 21 6 | 1 29 | 19 38 | 2 1 | 16 3 | 1 45 | 20 41 | 0 13 | 13 35 | 1 12 | 6 49 | 2 0 | 11 55 | 0 46 | 11 35 | 0 28 | 20 8 | 1 51 | 22 28 | 22 19 | 12 35 | 16 21 | 2 25 |
| M28 | 23 12 | 22 19 | 0 21 | 19 23 | 2 18 | 15 41 | 1 42 | 20 50 | 0 13 | 13 35 | 1 12 | 6 47 | 1 59 | 11 56 | 0 46 | 11 35 | 0 28 | 20 8 | 1 50 | 22 28 | 22 19 | 12 33 | 16 21 | 2 25 |
| T 29 | 23 9 | 22 25 | 0s46 | 19 9 | 2 34 | 15 18 | 1 38 | 20 58 | 0 12 | 13 35 | 1 12 | 6 45 | 1 59 | 11 56 | 0 46 | 11 34 | 0 28 | 20 8 | 1 50 | 22 28 | 22 19 | 12 31 | 16 22 | 2 26 |
| W30 | 23n 6 | 21n27 | 1s51 | 18n56 | 2s50 | 14n55 | 1n34 | 21n 6 | 0s11 | 13s35 | 1n11 | 6n43 | 1n59 | 11s57 | 0s46 | 11n34 | 0n28 | 20n 8 | 1s50 | 22s28 | 22s18 | 12n28 | 16n23 | 2s26 |

Julian Day Number = 2605463.5, Delta T = 09m41s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'55, Lahiri = 29°44'57


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## JULY 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 37 38 | 9♋45'25 | 16♋59 | 20°R42 | 25♌ 9 | 6♊54 | 9°R44 | 17♍39 | 0°R35 | 0♍56 | 19♋39 | 14°R14 | 12♐56 | 13♌29 | 24♉ 4 | T 1 |
| F 2 | 18 41 34 | 10°42'41 | 28°55 | 20♋17 | 26° 7 | 7°37 | 9♏44 | 17°43 | 0♓34 | 0°58 | 19°41 | 14♐10 | 12°53 | 13°36 | 24° 7 | F 2 |
| S 3 | 18 45 31 | 11°39'58 | 10♌48 | 19°49 | 27° 5 | 8°19 | 9°43 | 17°48 | 0°33 | 0°59 | 19°42 | 14° 5 | 12°50 | 13°42 | 24°11 | S 3 |
| S 4 | 18 49 28 | 12°37'13 | 22°39 | 19°19 | 28° 3 | 9° 2 | 9°42 | 17°52 | 0°32 | 1° 1 | 19°44 | 14° 0 | 12°46 | 13°49 | 24°14 | S 4 |
| M 5 | 18 53 24 | 13°34'28 | 4♍30 | 18°46 | 29° 0 | 9°45 | 9°42 | 17°57 | 0°30 | 1° 2 | 19°45 | 13°56 | 12°43 | 13°56 | 24°17 | M 5 |
| T 6 | 18 57 21 | 14°31'43 | 16°26 | 18°11 | 29°56 | 10°28 | 9°42 | 18° 1 | 0°29 | 1° 4 | 19°47 | 13°52 | 12°40 | 14° 2 | 24°20 | T 6 |
| W 7 | 19 1 17 | 15°28'57 | 28°28 | 17°35 | 0♍52 | 11°10 | 9°D42 | 18° 6 | 0°27 | 1° 6 | 19°48 | 13°49 | 12°37 | 14° 9 | 24°23 | W 7 |
| T 8 | 19 5 14 | 16°26'11 | 10♎43 | 16°59 | 1°48 | 11°53 | 9°42 | 18°11 | 0°26 | 1° 7 | 19°50 | 13°48 | 12°34 | 14°16 | 24°26 | T 8 |
| F 9 | 19 9 10 | 17°23'24 | 23°13 | 16°23 | 2°43 | 12°35 | 9°42 | 18°16 | 0°24 | 1° 9 | 19°51 | 13°D48 | 12°31 | 14°22 | 24°28 | F 9 |
| S 10 | 19 13 7 | 18°20'38 | 6♏ 3 | 15°47 | 3°37 | 13°18 | 9°43 | 18°21 | 0°23 | 1°11 | 19°53 | 13°49 | 12°27 | 14°29 | 24°31 | S 10 |
| S 11 | 19 17 3 | 19°17'50 | 19°17 | 15°13 | 4°31 | 14° 0 | 9°44 | 18°26 | 0°21 | 1°13 | 19°54 | 13°50 | 12°24 | 14°36 | 24°34 | S 11 |
| M12 | 19 21 0 | 20°15'03 | 2♐58 | 14°41 | 5°25 | 14°42 | 9°44 | 18°31 | 0°20 | 1°14 | 19°56 | 13°52 | 12°21 | 14°43 | 24°37 | M12 |
| T 13 | 19 24 57 | 21°12'15 | 17° 6 | 14°11 | 6°17 | 15°25 | 9°46 | 18°36 | 0°18 | 1°16 | 19°57 | 13°R52 | 12°18 | 14°49 | 24°39 | T 13 |
| W14 | 19 28 53 | 22° 9'28 | 1♑40 | 13°45 | 7°10 | 16° 7 | 9°47 | 18°41 | 0°16 | 1°18 | 19°59 | 13°51 | 12°15 | 14°56 | 24°42 | W14 |
| T 15 | 19 32 50 | 23° 6'40 | 16°35 | 13°22 | 8° 1 | 16°49 | 9°48 | 18°46 | 0°15 | 1°20 | 20° 0 | 13°48 | 12°12 | 15° 3 | 24°45 | T 15 |
| F 16 | 19 36 46 | 24° 3'52 | 1♒44 | 13° 2 | 8°52 | 17°31 | 9°50 | 18°52 | 0°13 | 1°22 | 20° 2 | 13°43 | 12° 8 | 15° 9 | 24°47 | F 16 |
| S 17 | 19 40 43 | 25° 1'05 | 16°56 | 12°47 | 9°42 | 18°13 | 9°52 | 18°57 | 0°11 | 1°23 | 20° 3 | 13°38 | 12° 5 | 15°16 | 24°50 | S 17 |
| S 18 | 19 44 39 | 25°58'17 | 2♓ 2 | 12°37 | 10°32 | 18°55 | 9°54 | 19° 2 | 0° 9 | 1°25 | 20° 5 | 13°32 | 12° 2 | 15°23 | 24°52 | S 18 |
| M19 | 19 48 36 | 26°55'30 | 16°52 | 12°32 | 11°20 | 19°37 | 9°56 | 19° 8 | 0° 7 | 1°27 | 20° 6 | 13°26 | 11°59 | 15°30 | 24°55 | M19 |
| T 20 | 19 52 33 | 27°52'43 | 1♈20 | 12°D31 | 12° 9 | 20°18 | 9°58 | 19°13 | 0° 6 | 1°29 | 20° 8 | 13°22 | 11°56 | 15°36 | 24°57 | T 20 |
| W21 | 19 56 29 | 28°49'57 | 15°23 | 12°36 | 12°56 | 21° 0 | 10° 0 | 19°19 | 0° 4 | 1°31 | 20° 9 | 13°19 | 11°52 | 15°43 | 24°59 | W21 |
| T 22 | 20 0 26 | 29°47'12 | 28°59 | 12°47 | 13°42 | 21°42 | 10° 3 | 19°25 | 0° 2 | 1°33 | 20°11 | 13°D19 | 11°49 | 15°50 | 25° 2 | T 22 |
| F 23 | 20 4 22 | 0♌44'27 | 12♉10 | 13° 2 | 14°28 | 22°23 | 10° 6 | 19°31 | 29♒59 | 1°35 | 20°13 | 13°19 | 11°46 | 15°56 | 25° 4 | F 23 |
| S 24 | 20 8 19 | 1°41'43 | 25° 0 | 13°24 | 15°13 | 23° 5 | 10° 9 | 19°36 | 29°58 | 1°37 | 20°14 | 13°20 | 11°43 | 16° 3 | 25° 6 | S 24 |
| S 25 | 20 12 15 | 2°38'59 | 7♊32 | 13°51 | 15°56 | 23°46 | 10°12 | 19°42 | 29°56 | 1°39 | 20°16 | 13°R21 | 11°40 | 16°10 | 25° 8 | S 25 |
| M26 | 20 16 12 | 3°36'17 | 19°50 | 14°23 | 16°39 | 24°28 | 10°15 | 19°48 | 29°54 | 1°41 | 20°17 | 13°21 | 11°37 | 16°17 | 25°10 | M26 |
| T 27 | 20 20 8 | 4°33'34 | 1♋57 | 15° 1 | 17°21 | 25° 9 | 10°19 | 19°54 | 29°52 | 1°43 | 20°19 | 13°19 | 11°33 | 16°23 | 25°12 | T 27 |
| W28 | 20 24 5 | 5°30'53 | 13°57 | 15°44 | 18° 2 | 25°50 | 10°23 | 20° 0 | 29°49 | 1°45 | 20°20 | 13°15 | 11°30 | 16°30 | 25°14 | W28 |
| T 29 | 20 28 2 | 6°28'12 | 25°52 | 16°33 | 18°42 | 26°32 | 10°26 | 20° 6 | 29°47 | 1°47 | 20°22 | 13° 9 | 11°27 | 16°37 | 25°16 | T 29 |
| F 30 | 20 31 58 | 7°25'31 | 7♌44 | 17°28 | 19°21 | 27°13 | 10°30 | 20°13 | 29°45 | 1°49 | 20°23 | 13° 0 | 11°24 | 16°43 | 25°18 | F 30 |
| S 31 | 20 35 55 | 8♌22'51 | 19♌35 | 18♋27 | 19♍59 | 27♊54 | 10♏35 | 20♍19 | 29♒43 | 1♍51 | 20♋24 | 12♐50 | 11♐21 | 16♌50 | 25♉20 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 2 | 19n30 | 2s50 | 18n44 | 3s 6 | 14n31 | 1n30 | 21n14 | 0s11 | 13s35 | 1n11 | 6n42 | 1n59 | 11s57 | 0s46 | 11n33 | 0n28 | 20n 8 | 1s50 | 22s27 | 22s18 | 12n26 | 16n23 | 2s26 |
| F 2 | 22 57 | 16 43 | 3 41 | 18 32 | 3 21 | 14 8 | 1 26 | 21 22 | 0 10 | 13 35 | 1 11 | 6 40 | 1 59 | 11 58 | 0 46 | 11 33 | 0 28 | 20 8 | 1 50 | 22 27 | 22 17 | 12 24 | 16 24 | 2 26 |
| S 3 | 22 52 | 13 17 | 4 22 | 18 22 | 3 36 | 13 44 | 1 22 | 21 29 | 0 9 | 13 35 | 1 10 | 6 38 | 1 59 | 11 58 | 0 46 | 11 32 | 0 28 | 20 7 | 1 50 | 22 26 | 22 17 | 12 22 | 16 24 | 2 26 |
| S 4 | 22 47 | 9 20 | 4 51 | 18 13 | 3 49 | 13 20 | 1 17 | 21 37 | 0 9 | 13 35 | 1 10 | 6 36 | 1 59 | 11 59 | 0 46 | 11 32 | 0 28 | 20 7 | 1 50 | 22 26 | 22 17 | 12 19 | 16 25 | 2 27 |
| M 5 | 22 42 | 5 3 | 5 8 | 18 5 | 4 2 | 12 56 | 1 12 | 21 44 | 0 8 | 13 35 | 1 10 | 6 34 | 1 58 | 11 59 | 0 46 | 11 31 | 0 28 | 20 7 | 1 50 | 22 25 | 22 16 | 12 17 | 16 26 | 2 27 |
| T 6 | 22 36 | 0 33 | 5 12 | 17 58 | 4 13 | 12 31 | 1 8 | 21 51 | 0 7 | 13 35 | 1 10 | 6 32 | 1 58 | 12 0 | 0 46 | 11 30 | 0 28 | 20 7 | 1 50 | 22 25 | 22 16 | 12 15 | 16 26 | 2 27 |
| W 7 | 22 29 | 4s 1 | 5 2 | 17 53 | 4 23 | 12 7 | 1 3 | 21 58 | 0 6 | 13 35 | 1 9 | 6 30 | 1 58 | 12 0 | 0 46 | 11 30 | 0 28 | 20 7 | 1 50 | 22 24 | 22 15 | 12 12 | 16 27 | 2 27 |
| T 8 | 22 22 | 8 30 | 4 39 | 17 48 | 4 32 | 11 42 | 0 58 | 22 4 | 0 6 | 13 36 | 1 9 | 6 28 | 1 58 | 12 1 | 0 46 | 11 29 | 0 28 | 20 7 | 1 50 | 22 24 | 22 15 | 12 10 | 16 27 | 2 27 |
| F 9 | 22 15 | 12 44 | 4 2 | 17 46 | 4 39 | 11 18 | 0 52 | 22 10 | 0 5 | 13 36 | 1 9 | 6 26 | 1 58 | 12 1 | 0 46 | 11 29 | 0 28 | 20 7 | 1 50 | 22 24 | 22 15 | 12 8 | 16 28 | 2 28 |
| S 10 | 22 8 | 16 31 | 3 12 | 17 44 | 4 45 | 10 53 | 0 47 | 22 16 | 0 4 | 13 36 | 1 9 | 6 24 | 1 58 | 12 2 | 0 46 | 11 28 | 0 28 | 20 6 | 1 50 | 22 24 | 22 14 | 12 6 | 16 28 | 2 28 |
| S 11 | 22 0 | 19 36 | 2 10 | 17 43 | 4 49 | 10 28 | 0 41 | 22 22 | 0 3 | 13 37 | 1 8 | 6 22 | 1 58 | 12 3 | 0 46 | 11 27 | 0 28 | 20 6 | 1 50 | 22 24 | 22 14 | 12 3 | 16 29 | 2 28 |
| M12 | 21 52 | 21 40 | 0 59 | 17 44 | 4 52 | 10 3 | 0 35 | 22 28 | 0 3 | 13 37 | 1 8 | 6 20 | 1 58 | 12 3 | 0 46 | 11 27 | 0 28 | 20 6 | 1 50 | 22 25 | 22 13 | 12 1 | 16 29 | 2 28 |
| T 13 | 21 43 | 22 28 | 0n18 | 17 46 | 4 53 | 9 38 | 0 29 | 22 33 | 0 2 | 13 38 | 1 8 | 6 18 | 1 57 | 12 4 | 0 46 | 11 26 | 0 28 | 20 6 | 1 50 | 22 25 | 22 13 | 11 59 | 16 29 | 2 28 |
| W14 | 21 34 | 21 47 | 1 35 | 17 50 | 4 52 | 9 13 | 0 23 | 22 39 | 0 1 | 13 39 | 1 8 | 6 16 | 1 57 | 12 4 | 0 46 | 11 25 | 0 28 | 20 6 | 1 49 | 22 25 | 22 13 | 11 56 | 16 30 | 2 29 |
| T 15 | 21 25 | 19 34 | 2 48 | 17 54 | 4 50 | 8 48 | 0 17 | 22 43 | 0 0 | 13 39 | 1 7 | 6 14 | 1 57 | 12 5 | 0 46 | 11 25 | 0 28 | 20 6 | 1 49 | 22 24 | 22 12 | 11 54 | 16 30 | 2 29 |
| F 16 | 21 15 | 15 59 | 3 50 | 17 59 | 4 47 | 8 23 | 0 10 | 22 48 | 0n 0 | 13 40 | 1 7 | 6 12 | 1 57 | 12 6 | 0 46 | 11 24 | 0 28 | 20 5 | 1 49 | 22 24 | 22 12 | 11 52 | 16 31 | 2 29 |
| S 17 | 21 5 | 11 19 | 4 37 | 18 6 | 4 42 | 7 58 | 0 3 | 22 53 | 0 1 | 13 41 | 1 7 | 6 9 | 1 57 | 12 6 | 0 46 | 11 24 | 0 28 | 20 5 | 1 49 | 22 23 | 22 11 | 11 49 | 16 31 | 2 29 |
| S 18 | 20 54 | 6 0 | 5 3 | 18 13 | 4 35 | 7 33 | 0s 4 | 22 57 | 0 2 | 13 42 | 1 7 | 6 7 | 1 57 | 12 7 | 0 46 | 11 23 | 0 28 | 20 5 | 1 49 | 22 22 | 22 11 | 11 47 | 16 31 | 2 29 |
| M19 | 20 43 | 0 26 | 5 9 | 18 21 | 4 28 | 7 8 | 0 11 | 23 1 | 0 3 | 13 43 | 1 6 | 6 5 | 1 57 | 12 8 | 0 46 | 11 22 | 0 28 | 20 5 | 1 49 | 22 22 | 22 10 | 11 45 | 16 32 | 2 30 |
| T 20 | 20 32 | 5n 2 | 4 54 | 18 30 | 4 19 | 6 43 | 0 18 | 23 5 | 0 3 | 13 44 | 1 6 | 6 3 | 1 57 | 12 8 | 0 46 | 11 22 | 0 28 | 20 5 | 1 49 | 22 21 | 22 10 | 11 42 | 16 32 | 2 30 |
| W21 | 20 21 | 10 4 | 4 22 | 18 39 | 4 9 | 6 18 | 0 26 | 23 9 | 0 4 | 13 45 | 1 6 | 6 0 | 1 57 | 12 9 | 0 46 | 11 21 | 0 28 | 20 5 | 1 49 | 22 21 | 22 10 | 11 40 | 16 32 | 2 30 |
| T 22 | 20 9 | 14 27 | 3 36 | 18 49 | 3 59 | 5 53 | 0 33 | 23 12 | 0 5 | 13 46 | 1 5 | 5 58 | 1 56 | 12 10 | 0 46 | 11 20 | 0 28 | 20 4 | 1 49 | 22 21 | 22 9 | 11 38 | 16 33 | 2 30 |
| F 23 | 19 57 | 18 0 | 2 40 | 18 59 | 3 47 | 5 28 | 0 41 | 23 16 | 0 6 | 13 47 | 1 5 | 5 56 | 1 56 | 12 10 | 0 47 | 11 19 | 0 28 | 20 4 | 1 49 | 22 21 | 22 9 | 11 36 | 16 33 | 2 31 |
| S 24 | 19 44 | 20 33 | 1 37 | 19 9 | 3 35 | 5 3 | 0 49 | 23 19 | 0 6 | 13 48 | 1 5 | 5 53 | 1 56 | 12 11 | 0 47 | 11 19 | 0 28 | 20 4 | 1 49 | 22 21 | 22 8 | 11 33 | 16 33 | 2 31 |
| S 25 | 19 31 | 22 2 | 0 31 | 19 19 | 3 22 | 4 39 | 0 58 | 23 21 | 0 7 | 13 49 | 1 5 | 5 51 | 1 56 | 12 12 | 0 47 | 11 18 | 0 28 | 20 4 | 1 49 | 22 21 | 22 8 | 11 31 | 16 34 | 2 31 |
| M26 | 19 18 | 22 25 | 0s35 | 19 29 | 3 9 | 4 14 | 1 6 | 23 24 | 0 8 | 13 50 | 1 4 | 5 49 | 1 56 | 12 13 | 0 47 | 11 17 | 0 28 | 20 4 | 1 49 | 22 21 | 22 7 | 11 29 | 16 34 | 2 31 |
| T 27 | 19 5 | 21 44 | 1 38 | 19 39 | 2 55 | 3 50 | 1 15 | 23 26 | 0 9 | 13 52 | 1 4 | 5 46 | 1 56 | 12 13 | 0 47 | 11 17 | 0 28 | 20 3 | 1 49 | 22 21 | 22 7 | 11 26 | 16 34 | 2 31 |
| W28 | 18 51 | 20 3 | 2 37 | 19 48 | 2 40 | 3 26 | 1 24 | 23 29 | 0 9 | 13 53 | 1 4 | 5 44 | 1 56 | 12 14 | 0 47 | 11 16 | 0 28 | 20 3 | 1 49 | 22 20 | 22 7 | 11 24 | 16 34 | 2 32 |
| T 29 | 18 37 | 17 31 | 3 28 | 19 57 | 2 26 | 3 2 | 1 33 | 23 30 | 0 10 | 13 55 | 1 4 | 5 41 | 1 56 | 12 15 | 0 47 | 11 15 | 0 28 | 20 3 | 1 49 | 22 19 | 22 6 | 11 22 | 16 35 | 2 32 |
| F 30 | 18 22 | 14 16 | 4 9 | 20 5 | 2 11 | 2 39 | 1 42 | 23 32 | 0 11 | 13 56 | 1 3 | 5 39 | 1 56 | 12 16 | 0 47 | 11 14 | 0 28 | 20 3 | 1 49 | 22 18 | 22 6 | 11 19 | 16 35 | 2 32 |
| S 31 | 18n 8 | 10n28 | 4s40 | 20n12 | 1s56 | 2n15 | 1s51 | 23n34 | 0n12 | 13s58 | 1n 3 | 5n36 | 1n56 | 12s16 | 0s47 | 11n14 | 0n28 | 20n 3 | 1s49 | 22s17 | 22s 5 | 11n17 | 16n35 | 2s32 |

Julian Day Number = 2605493.5, Delta T = 09m41s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°37'59, Lahiri = 29°45'01


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## AUGUST 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 39 51 | 9♌20'12 | 1♍27 | 19♋32 | 20♍35 | 28♊35 | 10♏39 | 20♍25 | 29°R41 | 1♍53 | 20♋26 | 12°R40 | 11♐17 | 16♌57 | 25♉22 | S 1 |
| M 2 | 20 43 48 | 10°17'33 | 13°21 | 20°42 | 21°11 | 29°16 | 10°43 | 20°31 | 29♒39 | 1°55 | 20°27 | 12♐29 | 11°14 | 17° 3 | 25°24 | M 2 |
| T 3 | 20 47 44 | 11°14'55 | 25°19 | 21°57 | 21°45 | 29°57 | 10°48 | 20°38 | 29°36 | 1°57 | 20°29 | 12°20 | 11°11 | 17°10 | 25°25 | T 3 |
| W 4 | 20 51 41 | 12°12'17 | 7♎23 | 23°17 | 22°17 | 0♋37 | 10°53 | 20°44 | 29°34 | 1°59 | 20°30 | 12°13 | 11° 8 | 17°17 | 25°27 | W 4 |
| T 5 | 20 55 37 | 13° 9'39 | 19°38 | 24°41 | 22°49 | 1°18 | 10°58 | 20°51 | 29°32 | 2° 1 | 20°32 | 12° 8 | 11° 5 | 17°24 | 25°28 | T 5 |
| F 6 | 20 59 34 | 14° 7'02 | 2♏ 7 | 26°10 | 23°19 | 1°59 | 11° 3 | 20°57 | 29°30 | 2° 4 | 20°33 | 12° 5 | 11° 2 | 17°30 | 25°30 | F 6 |
| S 7 | 21 3 30 | 15° 4'26 | 14°53 | 27°44 | 23°47 | 2°39 | 11° 8 | 21° 4 | 29°27 | 2° 6 | 20°35 | 12°D 4 | 10°58 | 17°37 | 25°31 | S 7 |
| S 8 | 21 7 27 | 16° 1'50 | 28° 1 | 29°22 | 24°14 | 3°20 | 11°13 | 21°10 | 29°25 | 2° 8 | 20°36 | 12° 5 | 10°55 | 17°44 | 25°33 | S 8 |
| M 9 | 21 11 24 | 16°59'15 | 11♐34 | 1♌ 4 | 24°39 | 4° 0 | 11°19 | 21°17 | 29°23 | 2°10 | 20°37 | 12°R 5 | 10°52 | 17°50 | 25°34 | M 9 |
| T 10 | 21 15 20 | 17°56'41 | 25°35 | 2°49 | 25° 3 | 4°41 | 11°25 | 21°24 | 29°20 | 2°12 | 20°39 | 12° 4 | 10°49 | 17°57 | 25°35 | T 10 |
| W11 | 21 19 17 | 18°54'07 | 10♑ 3 | 4°38 | 25°25 | 5°21 | 11°30 | 21°30 | 29°18 | 2°14 | 20°40 | 12° 2 | 10°46 | 18° 4 | 25°36 | W11 |
| T 12 | 21 23 13 | 19°51'34 | 24°56 | 6°29 | 25°45 | 6° 1 | 11°36 | 21°37 | 29°16 | 2°17 | 20°42 | 11°57 | 10°43 | 18°11 | 25°38 | T 12 |
| F 13 | 21 27 10 | 20°49'01 | 10♒ 7 | 8°24 | 26° 3 | 6°41 | 11°43 | 21°44 | 29°13 | 2°19 | 20°43 | 11°49 | 10°39 | 18°17 | 25°39 | F 13 |
| S 14 | 21 31 6 | 21°46'30 | 25°26 | 10°20 | 26°20 | 7°21 | 11°49 | 21°51 | 29°11 | 2°21 | 20°44 | 11°40 | 10°36 | 18°24 | 25°40 | S 14 |
| S 15 | 21 35 3 | 22°43'59 | 10♓43 | 12°19 | 26°34 | 8° 1 | 11°55 | 21°58 | 29° 9 | 2°23 | 20°46 | 11°30 | 10°33 | 18°31 | 25°41 | S 15 |
| M16 | 21 39 0 | 23°41'30 | 25°45 | 14°19 | 26°46 | 8°41 | 12° 2 | 22° 5 | 29° 6 | 2°25 | 20°47 | 11°21 | 10°30 | 18°37 | 25°42 | M16 |
| T 17 | 21 42 56 | 24°39'01 | 10♈25 | 16°20 | 26°57 | 9°21 | 12° 9 | 22°12 | 29° 4 | 2°28 | 20°48 | 11°13 | 10°27 | 18°44 | 25°42 | T 17 |
| W18 | 21 46 53 | 25°36'35 | 24°37 | 18°23 | 27° 5 | 10° 1 | 12°15 | 22°19 | 29° 2 | 2°30 | 20°49 | 11° 7 | 10°23 | 18°51 | 25°43 | W18 |
| T 19 | 21 50 49 | 26°34'09 | 8♉19 | 20°25 | 27°11 | 10°41 | 12°22 | 22°26 | 28°59 | 2°32 | 20°51 | 11° 4 | 10°20 | 18°58 | 25°44 | T 19 |
| F 20 | 21 54 46 | 27°31'45 | 21°33 | 22°28 | 27°15 | 11°20 | 12°29 | 22°33 | 28°57 | 2°34 | 20°52 | 11° 3 | 10°17 | 19° 4 | 25°45 | F 20 |
| S 21 | 21 58 42 | 28°29'23 | 4♊21 | 24°31 | 27°R17 | 12° 0 | 12°37 | 22°40 | 28°54 | 2°36 | 20°53 | 11° 3 | 10°14 | 19°11 | 25°45 | S 21 |
| S 22 | 22 2 39 | 29°27'02 | 16°50 | 26°34 | 27°16 | 12°39 | 12°44 | 22°47 | 28°52 | 2°39 | 20°55 | 11° 3 | 10°11 | 19°18 | 25°46 | S 22 |
| M23 | 22 6 35 | 0♍24'42 | 29° 2 | 28°36 | 27°13 | 13°19 | 12°51 | 22°54 | 28°50 | 2°41 | 20°56 | 11° 2 | 10° 8 | 19°24 | 25°46 | M23 |
| T 24 | 22 10 32 | 1°22'24 | 11♋ 3 | 0♍37 | 27° 8 | 13°58 | 12°59 | 23° 1 | 28°47 | 2°43 | 20°57 | 10°58 | 10° 4 | 19°31 | 25°47 | T 24 |
| W25 | 22 14 28 | 2°20'08 | 22°57 | 2°38 | 27° 0 | 14°37 | 13° 7 | 23° 8 | 28°45 | 2°45 | 20°58 | 10°53 | 10° 1 | 19°38 | 25°47 | W25 |
| T 26 | 22 18 25 | 3°17'53 | 4♌48 | 4°38 | 26°50 | 15°17 | 13°15 | 23°16 | 28°42 | 2°47 | 20°59 | 10°44 | 9°58 | 19°45 | 25°47 | T 26 |
| F 27 | 22 22 22 | 4°15'39 | 16°39 | 6°36 | 26°37 | 15°56 | 13°23 | 23°23 | 28°40 | 2°50 | 21° 1 | 10°33 | 9°55 | 19°51 | 25°48 | F 27 |
| S 28 | 22 26 18 | 5°13'27 | 28°31 | 8°34 | 26°23 | 16°35 | 13°31 | 23°30 | 28°38 | 2°52 | 21° 2 | 10°19 | 9°52 | 19°58 | 25°48 | S 28 |
| S 29 | 22 30 15 | 6°11'16 | 10♍26 | 10°30 | 26° 6 | 17°14 | 13°39 | 23°38 | 28°35 | 2°54 | 21° 3 | 10° 5 | 9°49 | 20° 5 | 25°48 | S 29 |
| M30 | 22 34 11 | 7° 9'06 | 22°25 | 12°25 | 25°46 | 17°53 | 13°47 | 23°45 | 28°33 | 2°56 | 21° 4 | 9°51 | 9°45 | 20°11 | 25°R48 | M30 |
| T 31 | 22 38 8 | 8♍ 6'58 | 4♎31 | 14♍19 | 25♍25 | 18♋32 | 13♏56 | 23♍52 | 28♒31 | 2♍59 | 21♋ 5 | 9♐39 | 9♐42 | 20♌18 | 25♉48 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n53 | 6n17 | 4s59 | 20n17 | 1s42 | 1n52 | 2s 1 | 23n35 | 0n13 | 13s59 | 1n 3 | 5n34 | 1n56 | 12s17 | 0s47 | 11n13 | 0n28 | 20n 3 | 1s49 | 22s16 | 22s 5 | 11n15 | 16n35 | 2s33 |
| M 2 | 17 37 | 1 51 | 5 4 | 20 22 | 1 27 | 1 29 | 2 11 | 23 36 | 0 13 | 14 1 | 1 3 | 5 31 | 1 56 | 12 18 | 0 47 | 11 12 | 0 28 | 20 2 | 1 49 | 22 14 | 22 4 | 11 12 | 16 35 | 2 33 |
| T 3 | 17 22 | 2s41 | 4 57 | 20 25 | 1 12 | 1 7 | 2 21 | 23 37 | 0 14 | 14 2 | 1 2 | 5 28 | 1 55 | 12 19 | 0 47 | 11 12 | 0 28 | 20 2 | 1 49 | 22 13 | 22 4 | 11 10 | 16 36 | 2 33 |
| W 4 | 17 6 | 7 9 | 4 36 | 20 26 | 0 57 | 0 44 | 2 31 | 23 38 | 0 15 | 14 4 | 1 2 | 5 26 | 1 55 | 12 20 | 0 47 | 11 11 | 0 28 | 20 2 | 1 48 | 22 12 | 22 4 | 11 8 | 16 36 | 2 33 |
| T 5 | 16 50 | 11 24 | 4 2 | 20 26 | 0 43 | 0 23 | 2 41 | 23 38 | 0 16 | 14 6 | 1 2 | 5 23 | 1 55 | 12 20 | 0 47 | 11 10 | 0 28 | 20 2 | 1 48 | 22 12 | 22 3 | 11 5 | 16 36 | 2 34 |
| F 6 | 16 33 | 15 15 | 3 16 | 20 23 | 0 29 | 0 1 | 2 52 | 23 39 | 0 16 | 14 8 | 1 2 | 5 21 | 1 55 | 12 21 | 0 47 | 11 9 | 0 28 | 20 2 | 1 48 | 22 11 | 22 3 | 11 3 | 16 36 | 2 34 |
| S 7 | 16 17 | 18 29 | 2 20 | 20 19 | 0 16 | 0s20 | 3 3 | 23 39 | 0 17 | 14 10 | 1 1 | 5 18 | 1 55 | 12 22 | 0 47 | 11 9 | 0 28 | 20 2 | 1 48 | 22 11 | 22 2 | 11 1 | 16 36 | 2 34 |
| S 8 | 16 0 | 20 53 | 1 14 | 20 12 | 0 3 | 0 41 | 3 13 | 23 39 | 0 18 | 14 11 | 1 1 | 5 15 | 1 55 | 12 23 | 0 47 | 11 8 | 0 28 | 20 1 | 1 48 | 22 11 | 22 2 | 10 58 | 16 36 | 2 34 |
| M 9 | 15 42 | 22 10 | 0 3 | 20 2 | 0n10 | 1 1 | 3 25 | 23 38 | 0 19 | 14 13 | 1 1 | 5 13 | 1 55 | 12 24 | 0 47 | 11 7 | 0 28 | 20 1 | 1 48 | 22 11 | 22 1 | 10 56 | 16 36 | 2 35 |
| T 10 | 15 25 | 22 7 | 1n11 | 19 50 | 0 22 | 1 20 | 3 36 | 23 38 | 0 20 | 14 15 | 1 1 | 5 10 | 1 55 | 12 24 | 0 47 | 11 6 | 0 28 | 20 1 | 1 48 | 22 11 | 22 1 | 10 54 | 16 36 | 2 35 |
| W11 | 15 7 | 20 38 | 2 23 | 19 36 | 0 33 | 1 40 | 3 47 | 23 37 | 0 20 | 14 17 | 1 1 | 5 7 | 1 55 | 12 25 | 0 47 | 11 5 | 0 28 | 20 1 | 1 48 | 22 11 | 22 0 | 10 51 | 16 36 | 2 35 |
| T 12 | 14 49 | 17 42 | 3 27 | 19 19 | 0 44 | 1 58 | 3 59 | 23 36 | 0 21 | 14 19 | 1 0 | 5 5 | 1 55 | 12 26 | 0 47 | 11 5 | 0 28 | 20 1 | 1 48 | 22 10 | 22 0 | 10 49 | 16 36 | 2 35 |
| F 13 | 14 31 | 13 32 | 4 18 | 18 59 | 0 53 | 2 16 | 4 10 | 23 35 | 0 22 | 14 22 | 1 0 | 5 2 | 1 55 | 12 27 | 0 47 | 11 4 | 0 28 | 20 1 | 1 48 | 22 9 | 22 0 | 10 47 | 16 36 | 2 36 |
| S 14 | 14 13 | 8 27 | 4 50 | 18 37 | 1 2 | 2 33 | 4 22 | 23 34 | 0 23 | 14 24 | 1 0 | 4 59 | 1 55 | 12 28 | 0 47 | 11 3 | 0 28 | 20 0 | 1 48 | 22 8 | 21 59 | 10 44 | 16 36 | 2 36 |
| S 15 | 13 54 | 2 52 | 5 2 | 18 12 | 1 10 | 2 50 | 4 34 | 23 32 | 0 24 | 14 26 | 1 0 | 4 56 | 1 55 | 12 29 | 0 47 | 11 2 | 0 28 | 20 0 | 1 48 | 22 7 | 21 59 | 10 42 | 16 36 | 2 36 |
| M16 | 13 36 | 2n48 | 4 53 | 17 44 | 1 18 | 3 6 | 4 46 | 23 30 | 0 24 | 14 28 | 0 59 | 4 54 | 1 55 | 12 29 | 0 47 | 11 2 | 0 28 | 20 0 | 1 48 | 22 5 | 21 58 | 10 40 | 16 36 | 2 36 |
| T 17 | 13 17 | 8 10 | 4 24 | 17 14 | 1 24 | 3 21 | 4 58 | 23 28 | 0 25 | 14 30 | 0 59 | 4 51 | 1 55 | 12 30 | 0 47 | 11 1 | 0 28 | 20 0 | 1 48 | 22 4 | 21 58 | 10 37 | 16 36 | 2 37 |
| W18 | 12 57 | 12 55 | 3 40 | 16 42 | 1 30 | 3 35 | 5 10 | 23 26 | 0 26 | 14 33 | 0 59 | 4 48 | 1 55 | 12 31 | 0 47 | 11 0 | 0 28 | 20 0 | 1 48 | 22 3 | 21 57 | 10 35 | 16 36 | 2 37 |
| T 19 | 12 38 | 16 50 | 2 44 | 16 8 | 1 34 | 3 49 | 5 22 | 23 24 | 0 27 | 14 35 | 0 59 | 4 45 | 1 55 | 12 32 | 0 47 | 10 59 | 0 28 | 20 0 | 1 48 | 22 3 | 21 57 | 10 33 | 16 36 | 2 37 |
| F 20 | 12 18 | 19 44 | 1 41 | 15 32 | 1 38 | 4 2 | 5 35 | 23 22 | 0 28 | 14 37 | 0 59 | 4 42 | 1 55 | 12 33 | 0 47 | 10 58 | 0 28 | 19 59 | 1 48 | 22 3 | 21 56 | 10 30 | 16 36 | 2 37 |
| S 21 | 11 58 | 21 33 | 0 35 | 14 54 | 1 41 | 4 13 | 5 47 | 23 19 | 0 28 | 14 40 | 0 58 | 4 40 | 1 55 | 12 34 | 0 47 | 10 58 | 0 28 | 19 59 | 1 48 | 22 3 | 21 56 | 10 28 | 16 36 | 2 38 |
| S 22 | 11 38 | 22 14 | 0s31 | 14 15 | 1 43 | 4 24 | 5 59 | 23 16 | 0 29 | 14 42 | 0 58 | 4 37 | 1 55 | 12 34 | 0 47 | 10 57 | 0 28 | 19 59 | 1 48 | 22 3 | 21 55 | 10 26 | 16 36 | 2 38 |
| M23 | 11 18 | 21 49 | 1 34 | 13 34 | 1 45 | 4 34 | 6 11 | 23 13 | 0 30 | 14 45 | 0 58 | 4 34 | 1 54 | 12 35 | 0 47 | 10 56 | 0 28 | 19 59 | 1 48 | 22 3 | 21 55 | 10 23 | 16 36 | 2 38 |
| T 24 | 10 58 | 20 24 | 2 32 | 12 52 | 1 45 | 4 43 | 6 22 | 23 10 | 0 31 | 14 47 | 0 58 | 4 31 | 1 54 | 12 36 | 0 47 | 10 55 | 0 28 | 19 59 | 1 48 | 22 2 | 21 55 | 10 21 | 16 36 | 2 38 |
| W25 | 10 37 | 18 7 | 3 22 | 12 9 | 1 45 | 4 50 | 6 34 | 23 6 | 0 32 | 14 50 | 0 57 | 4 28 | 1 54 | 12 37 | 0 47 | 10 54 | 0 28 | 19 59 | 1 48 | 22 1 | 21 54 | 10 19 | 16 35 | 2 39 |
| T 26 | 10 16 | 15 4 | 4 4 | 11 25 | 1 45 | 4 57 | 6 46 | 23 3 | 0 33 | 14 52 | 0 57 | 4 25 | 1 54 | 12 38 | 0 47 | 10 54 | 0 28 | 19 59 | 1 48 | 22 0 | 21 54 | 10 16 | 16 35 | 2 39 |
| F 27 | 9 55 | 11 27 | 4 34 | 10 40 | 1 43 | 5 2 | 6 57 | 22 59 | 0 33 | 14 55 | 0 57 | 4 22 | 1 54 | 12 39 | 0 47 | 10 53 | 0 28 | 19 58 | 1 48 | 21 59 | 21 53 | 10 14 | 16 35 | 2 39 |
| S 28 | 9 34 | 7 22 | 4 53 | 9 54 | 1 41 | 5 6 | 7 8 | 22 55 | 0 34 | 14 57 | 0 57 | 4 20 | 1 54 | 12 39 | 0 47 | 10 52 | 0 28 | 19 58 | 1 48 | 21 57 | 21 53 | 10 11 | 16 35 | 2 39 |
| S 29 | 9 13 | 3 1 | 5 0 | 9 8 | 1 39 | 5 9 | 7 18 | 22 51 | 0 35 | 15 0 | 0 57 | 4 17 | 1 54 | 12 40 | 0 47 | 10 51 | 0 28 | 19 58 | 1 48 | 21 55 | 21 52 | 10 9 | 16 35 | 2 40 |
| M30 | 8 52 | 1s29 | 4 53 | 8 22 | 1 36 | 5 11 | 7 28 | 22 47 | 0 36 | 15 3 | 0 56 | 4 14 | 1 54 | 12 41 | 0 47 | 10 51 | 0 28 | 19 58 | 1 48 | 21 53 | 21 52 | 10 7 | 16 34 | 2 40 |
| T 31 | 8n30 | 5s57 | 4s32 | 7n35 | 1n32 | 5s12 | 7s38 | 22n43 | 0n37 | 15s 5 | 0n56 | 4n11 | 1n54 | 12s42 | 0s47 | 10n50 | 0n28 | 19n58 | 1s48 | 21s51 | 21s51 | 10n 4 | 16n34 | 2s40 |

Julian Day Number = 2605524.5, Delta T = 09m41s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'04, Lahiri = 29°45'05


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## SEPTEMBER 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 42 4 | 9♍ 4'51 | 16♎43 | 16♍11 | 25°R 1 | 19♋10 | 14♏ 4 | 24♍ 0 | 28°R28 | 3♍ 1 | 21♋ 6 | 9°R29 | 9♐39 | 20♑25 | 25°R48 | W 1 |
| T 2 | 22 46 1 | 10° 2'46 | 29° 4 | 18° 2 | 24♍35 | 19°49 | 14°13 | 24° 7 | 28♒26 | 3° 3 | 21° 7 | 9♐22 | 9°36 | 20°32 | 25♉48 | T 2 |
| F 3 | 22 49 57 | 11° 0'42 | 11♏37 | 19°52 | 24° 7 | 20°28 | 14°22 | 24°14 | 28°24 | 3° 5 | 21° 8 | 9°17 | 9°33 | 20°38 | 25°48 | F 3 |
| S 4 | 22 53 54 | 11°58'39 | 24°25 | 21°41 | 23°38 | 21° 6 | 14°31 | 24°22 | 28°21 | 3° 7 | 21° 9 | 9°15 | 9°29 | 20°45 | 25°47 | S 4 |
| S 5 | 22 57 51 | 12°56'37 | 7♐31 | 23°28 | 23° 6 | 21°45 | 14°40 | 24°29 | 28°19 | 3°10 | 21°11 | 9°15 | 9°26 | 20°52 | 25°47 | S 5 |
| M 6 | 23 1 47 | 13°54'37 | 20°58 | 25°14 | 22°34 | 22°23 | 14°49 | 24°37 | 28°17 | 3°12 | 21°12 | 9°15 | 9°23 | 20°58 | 25°47 | M 6 |
| T 7 | 23 5 44 | 14°52'38 | 4♑49 | 26°58 | 22° 0 | 23° 1 | 14°58 | 24°44 | 28°14 | 3°14 | 21°13 | 9°14 | 9°20 | 21° 5 | 25°46 | T 7 |
| W 8 | 23 9 40 | 15°50'41 | 19° 4 | 28°42 | 21°25 | 23°39 | 15° 8 | 24°52 | 28°12 | 3°16 | 21°14 | 9°11 | 9°17 | 21°12 | 25°46 | W 8 |
| T 9 | 23 13 37 | 16°48'44 | 3♒44 | 0♎24 | 20°49 | 24°18 | 15°17 | 24°59 | 28°10 | 3°18 | 21°14 | 9° 6 | 9°14 | 21°19 | 25°45 | T 9 |
| F 10 | 23 17 33 | 17°46'49 | 18°42 | 2° 4 | 20°12 | 24°56 | 15°27 | 25° 7 | 28° 8 | 3°21 | 21°15 | 8°58 | 9°10 | 21°25 | 25°45 | F 10 |
| S 11 | 23 21 30 | 18°44'56 | 3♓52 | 3°44 | 19°35 | 25°33 | 15°36 | 25°14 | 28° 6 | 3°23 | 21°16 | 8°48 | 9° 7 | 21°32 | 25°44 | S 11 |
| S 12 | 23 25 26 | 19°43'04 | 19° 3 | 5°23 | 18°57 | 26°11 | 15°46 | 25°22 | 28° 3 | 3°25 | 21°17 | 8°37 | 9° 4 | 21°39 | 25°43 | S 12 |
| M13 | 23 29 23 | 20°41'14 | 4♈ 5 | 7° 0 | 18°20 | 26°49 | 15°56 | 25°29 | 28° 1 | 3°27 | 21°18 | 8°26 | 9° 1 | 21°45 | 25°42 | M13 |
| T 14 | 23 33 20 | 21°39'25 | 18°47 | 8°36 | 17°43 | 27°27 | 16° 6 | 25°37 | 27°59 | 3°29 | 21°19 | 8°18 | 8°58 | 21°52 | 25°41 | T 14 |
| W15 | 23 37 16 | 22°37'38 | 3♉ 4 | 10°11 | 17° 7 | 28° 4 | 16°16 | 25°44 | 27°57 | 3°31 | 21°20 | 8°11 | 8°54 | 21°59 | 25°41 | W15 |
| T 16 | 23 41 13 | 23°35'54 | 16°51 | 11°44 | 16°31 | 28°42 | 16°26 | 25°52 | 27°55 | 3°33 | 21°21 | 8° 7 | 8°51 | 22° 6 | 25°40 | T 16 |
| F 17 | 23 45 9 | 24°34'11 | 0♊10 | 13°17 | 15°57 | 29°19 | 16°36 | 25°59 | 27°53 | 3°35 | 21°21 | 8° 6 | 8°48 | 22°12 | 25°39 | F 17 |
| S 18 | 23 49 6 | 25°32'31 | 13° 3 | 14°48 | 15°24 | 29°57 | 16°47 | 26° 7 | 27°51 | 3°38 | 21°22 | 8°D 6 | 8°45 | 22°19 | 25°37 | S 18 |
| S 19 | 23 53 2 | 26°30'53 | 25°33 | 16°19 | 14°52 | 0♌34 | 16°57 | 26°14 | 27°49 | 3°40 | 21°23 | 8°R 6 | 8°42 | 22°26 | 25°36 | S 19 |
| M20 | 23 56 59 | 27°29'16 | 7♋45 | 17°48 | 14°21 | 1°11 | 17° 7 | 26°22 | 27°47 | 3°42 | 21°24 | 8° 5 | 8°39 | 22°32 | 25°35 | M20 |
| T 21 | 0 0 55 | 28°27'42 | 19°46 | 19°16 | 13°53 | 1°48 | 17°18 | 26°29 | 27°45 | 3°44 | 21°25 | 8° 3 | 8°35 | 22°39 | 25°34 | T 21 |
| W22 | 0 4 52 | 29°26'10 | 1♌39 | 20°42 | 13°26 | 2°25 | 17°29 | 26°37 | 27°43 | 3°46 | 21°25 | 7°59 | 8°32 | 22°46 | 25°33 | W22 |
| T 23 | 0 8 49 | 0♎24'40 | 13°30 | 22° 8 | 13° 2 | 3° 2 | 17°39 | 26°44 | 27°41 | 3°48 | 21°26 | 7°52 | 8°29 | 22°53 | 25°31 | T 23 |
| F 24 | 0 12 45 | 1°23'12 | 25°21 | 23°33 | 12°40 | 3°39 | 17°50 | 26°52 | 27°39 | 3°50 | 21°27 | 7°42 | 8°26 | 22°59 | 25°30 | F 24 |
| S 25 | 0 16 42 | 2°21'46 | 7♍16 | 24°56 | 12°19 | 4°16 | 18° 1 | 26°59 | 27°37 | 3°52 | 21°27 | 7°31 | 8°23 | 23° 6 | 25°28 | S 25 |
| S 26 | 0 20 38 | 3°20'22 | 19°17 | 26°18 | 12° 2 | 4°52 | 18°12 | 27° 7 | 27°36 | 3°54 | 21°28 | 7°19 | 8°20 | 23°13 | 25°27 | S 26 |
| M27 | 0 24 35 | 4°19'00 | 1♎25 | 27°38 | 11°46 | 5°29 | 18°23 | 27°14 | 27°34 | 3°56 | 21°28 | 7° 7 | 8°16 | 23°19 | 25°25 | M27 |
| T 28 | 0 28 31 | 5°17'40 | 13°42 | 28°58 | 11°33 | 6° 5 | 18°34 | 27°22 | 27°32 | 3°58 | 21°29 | 6°56 | 8°13 | 23°26 | 25°23 | T 28 |
| W29 | 0 32 28 | 6°16'22 | 26° 8 | 0♏16 | 11°22 | 6°42 | 18°45 | 27°29 | 27°30 | 4° 0 | 21°30 | 6°47 | 8°10 | 23°33 | 25°22 | W29 |
| T 30 | 0 36 24 | 7♎15'05 | 8♏43 | 1♏32 | 11♍14 | 7♌18 | 18♏57 | 27♍37 | 27♒29 | 4♍ 2 | 21♋30 | 6♐41 | 8♐ 7 | 23♑40 | 25♉20 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n 9 | 10s14 | 4s 0 | 6n48 | 1n29 | 5s11 | 7s47 | 22n38 | 0n37 | 15s 8 | 0n56 | 4n 8 | 1n54 | 12s43 | 0s47 | 10n49 | 0n28 | 19n58 | 1s48 | 21s49 | 21s51 | 10n 2 | 16n34 | 2s40 |
| T 2 | 7 47 | 14 9 | 3 15 | 6 1 | 1 24 | 5 8 | 7 56 | 22 33 | 0 38 | 15 11 | 0 56 | 4 5 | 1 54 | 12 43 | 0 47 | 10 48 | 0 28 | 19 58 | 1 48 | 21 48 | 21 50 | 10 0 | 16 34 | 2 41 |
| F 3 | 7 25 | 17 31 | 2 20 | 5 13 | 1 19 | 5 5 | 8 4 | 22 28 | 0 39 | 15 14 | 0 56 | 4 2 | 1 54 | 12 44 | 0 47 | 10 47 | 0 28 | 19 57 | 1 47 | 21 48 | 21 50 | 9 57 | 16 33 | 2 41 |
| S 4 | 7 3 | 20 5 | 1 18 | 4 26 | 1 14 | 5 0 | 8 11 | 22 23 | 0 40 | 15 16 | 0 55 | 3 59 | 1 54 | 12 45 | 0 47 | 10 47 | 0 28 | 19 57 | 1 47 | 21 47 | 21 49 | 9 55 | 16 33 | 2 41 |
| S 5 | 6 41 | 21 40 | 0 9 | 3 39 | 1 9 | 4 54 | 8 18 | 22 18 | 0 41 | 15 19 | 0 55 | 3 56 | 1 54 | 12 46 | 0 47 | 10 46 | 0 28 | 19 57 | 1 47 | 21 47 | 21 49 | 9 53 | 16 33 | 2 41 |
| M 6 | 6 19 | 22 3 | 1n 2 | 2 52 | 1 3 | 4 47 | 8 24 | 22 13 | 0 42 | 15 22 | 0 55 | 3 53 | 1 54 | 12 47 | 0 47 | 10 45 | 0 28 | 19 57 | 1 47 | 21 47 | 21 48 | 9 50 | 16 32 | 2 42 |
| T 7 | 5 57 | 21 7 | 2 11 | 2 5 | 0 57 | 4 38 | 8 29 | 22 7 | 0 43 | 15 25 | 0 55 | 3 50 | 1 54 | 12 47 | 0 47 | 10 44 | 0 28 | 19 57 | 1 47 | 21 47 | 21 48 | 9 48 | 16 32 | 2 42 |
| W 8 | 5 34 | 18 50 | 3 14 | 1 18 | 0 51 | 4 28 | 8 33 | 22 2 | 0 43 | 15 28 | 0 55 | 3 47 | 1 54 | 12 48 | 0 47 | 10 43 | 0 28 | 19 57 | 1 47 | 21 47 | 21 47 | 9 46 | 16 32 | 2 42 |
| T 9 | 5 12 | 15 17 | 4 6 | 0 31 | 0 44 | 4 17 | 8 37 | 21 56 | 0 44 | 15 31 | 0 54 | 3 44 | 1 54 | 12 49 | 0 47 | 10 43 | 0 28 | 19 57 | 1 47 | 21 46 | 21 47 | 9 43 | 16 31 | 2 42 |
| F 10 | 4 49 | 10 42 | 4 42 | 0s15 | 0 38 | 4 5 | 8 39 | 21 50 | 0 45 | 15 34 | 0 54 | 3 41 | 1 54 | 12 50 | 0 47 | 10 42 | 0 28 | 19 56 | 1 47 | 21 45 | 21 46 | 9 41 | 16 31 | 2 43 |
| S 11 | 4 26 | 5 24 | 5 0 | 1 1 | 0 31 | 3 52 | 8 41 | 21 44 | 0 46 | 15 37 | 0 54 | 3 39 | 1 54 | 12 50 | 0 47 | 10 41 | 0 28 | 19 56 | 1 47 | 21 43 | 21 46 | 9 38 | 16 30 | 2 43 |
| S 12 | 4 4 | 0n13 | 4 56 | 1 46 | 0 24 | 3 38 | 8 41 | 21 38 | 0 47 | 15 40 | 0 54 | 3 36 | 1 55 | 12 51 | 0 47 | 10 40 | 0 28 | 19 56 | 1 47 | 21 41 | 21 46 | 9 36 | 16 30 | 2 43 |
| M13 | 3 41 | 5 46 | 4 32 | 2 31 | 0 17 | 3 24 | 8 41 | 21 31 | 0 48 | 15 43 | 0 54 | 3 33 | 1 55 | 12 52 | 0 47 | 10 40 | 0 28 | 19 56 | 1 47 | 21 40 | 21 45 | 9 34 | 16 30 | 2 43 |
| T 14 | 3 18 | 10 53 | 3 50 | 3 16 | 0 9 | 3 8 | 8 40 | 21 25 | 0 48 | 15 46 | 0 54 | 3 30 | 1 55 | 12 53 | 0 47 | 10 39 | 0 28 | 19 56 | 1 47 | 21 38 | 21 45 | 9 31 | 16 29 | 2 44 |
| W15 | 2 55 | 15 14 | 2 54 | 4 0 | 0 2 | 2 52 | 8 37 | 21 18 | 0 49 | 15 49 | 0 53 | 3 27 | 1 55 | 12 53 | 0 47 | 10 38 | 0 29 | 19 56 | 1 47 | 21 37 | 21 44 | 9 29 | 16 29 | 2 44 |
| T 16 | 2 32 | 18 36 | 1 50 | 4 43 | 0s 6 | 2 36 | 8 34 | 21 12 | 0 50 | 15 52 | 0 53 | 3 24 | 1 55 | 12 54 | 0 47 | 10 37 | 0 29 | 19 56 | 1 47 | 21 37 | 21 44 | 9 27 | 16 28 | 2 44 |
| F 17 | 2 9 | 20 49 | 0 42 | 5 26 | 0 14 | 2 19 | 8 30 | 21 5 | 0 51 | 15 55 | 0 53 | 3 21 | 1 55 | 12 55 | 0 47 | 10 37 | 0 29 | 19 56 | 1 47 | 21 36 | 21 43 | 9 24 | 16 28 | 2 44 |
| S 18 | 1 46 | 21 53 | 0s26 | 6 9 | 0 21 | 2 2 | 8 25 | 20 58 | 0 52 | 15 58 | 0 53 | 3 18 | 1 55 | 12 55 | 0 47 | 10 36 | 0 29 | 19 56 | 1 47 | 21 36 | 21 43 | 9 22 | 16 27 | 2 45 |
| S 19 | 1 23 | 21 47 | 1 31 | 6 51 | 0 29 | 1 45 | 8 20 | 20 51 | 0 53 | 16 1 | 0 53 | 3 15 | 1 55 | 12 56 | 0 47 | 10 35 | 0 29 | 19 55 | 1 47 | 21 36 | 21 42 | 9 20 | 16 27 | 2 45 |
| M20 | 1 0 | 20 39 | 2 31 | 7 32 | 0 37 | 1 27 | 8 13 | 20 43 | 0 54 | 16 4 | 0 53 | 3 12 | 1 55 | 12 57 | 0 47 | 10 34 | 0 29 | 19 55 | 1 47 | 21 36 | 21 42 | 9 17 | 16 26 | 2 45 |
| T 21 | 0 37 | 18 36 | 3 22 | 8 13 | 0 45 | 1 10 | 8 6 | 20 36 | 0 55 | 16 7 | 0 52 | 3 9 | 1 55 | 12 57 | 0 47 | 10 34 | 0 29 | 19 55 | 1 47 | 21 36 | 21 41 | 9 15 | 16 26 | 2 45 |
| W22 | 0 13 | 15 46 | 4 4 | 8 53 | 0 53 | 0 53 | 7 58 | 20 28 | 0 55 | 16 10 | 0 52 | 3 6 | 1 55 | 12 58 | 0 47 | 10 33 | 0 29 | 19 55 | 1 47 | 21 35 | 21 41 | 9 12 | 16 25 | 2 46 |
| T 23 | 0s10 | 12 19 | 4 36 | 9 32 | 1 1 | 0 36 | 7 50 | 20 21 | 0 56 | 16 13 | 0 52 | 3 3 | 1 55 | 12 59 | 0 47 | 10 32 | 0 29 | 19 55 | 1 47 | 21 34 | 21 40 | 9 10 | 16 25 | 2 46 |
| F 24 | 0 33 | 8 24 | 4 56 | 10 11 | 1 9 | 0 19 | 7 41 | 20 13 | 0 57 | 16 17 | 0 52 | 3 0 | 1 55 | 12 59 | 0 47 | 10 32 | 0 29 | 19 55 | 1 47 | 21 33 | 21 40 | 9 8 | 16 24 | 2 46 |
| S 25 | 0 56 | 4 8 | 5 2 | 10 49 | 1 16 | 0 2 | 7 31 | 20 5 | 0 58 | 16 20 | 0 52 | 2 57 | 1 55 | 13 0 | 0 47 | 10 31 | 0 29 | 19 55 | 1 47 | 21 31 | 21 39 | 9 5 | 16 23 | 2 46 |
| S 26 | 1 19 | 0s19 | 4 56 | 11 26 | 1 24 | 0n13 | 7 22 | 19 57 | 0 59 | 16 23 | 0 52 | 2 54 | 1 55 | 13 1 | 0 47 | 10 30 | 0 29 | 19 55 | 1 47 | 21 29 | 21 39 | 9 3 | 16 23 | 2 47 |
| M27 | 1 43 | 4 47 | 4 36 | 12 2 | 1 32 | 0 29 | 7 11 | 19 49 | 1 0 | 16 26 | 0 51 | 2 51 | 1 55 | 13 1 | 0 47 | 10 29 | 0 29 | 19 55 | 1 47 | 21 27 | 21 38 | 9 1 | 16 22 | 2 47 |
| T 28 | 2 6 | 9 8 | 4 3 | 12 38 | 1 40 | 0 44 | 7 0 | 19 41 | 1 1 | 16 29 | 0 51 | 2 49 | 1 55 | 13 2 | 0 46 | 10 29 | 0 29 | 19 55 | 1 47 | 21 25 | 21 38 | 8 58 | 16 22 | 2 47 |
| W29 | 2 29 | 13 9 | 3 18 | 13 13 | 1 47 | 0 58 | 6 49 | 19 33 | 1 2 | 16 33 | 0 51 | 2 46 | 1 55 | 13 2 | 0 46 | 10 28 | 0 29 | 19 55 | 1 47 | 21 24 | 21 37 | 8 56 | 16 21 | 2 47 |
| T 30 | 2s52 | 16s38 | 2s23 | 13s47 | 1s55 | 1n11 | 6s38 | 19n25 | 1n 3 | 16s36 | 0n51 | 2n43 | 1n55 | 13s 3 | 0s46 | 10n27 | 0n29 | 19n55 | 1s47 | 21s23 | 21s37 | 8n53 | 16n20 | 2s48 |

Julian Day Number = 2605555.5, Delta T = 09m41s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'08, Lahiri = 29°45'09


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## OCTOBER 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 40 21 | 8♎13'51 | 21♏30 | 2♏48 | 11°R 8 | 7♌54 | 19♏ 8 | 27♍44 | 27°R27 | 4♍ 4 | 21♋31 | 6°R38 | 8♐ 4 | 23♌46 | 25°R18 | F 1 |
| S 2 | 0 44 17 | 9°12'38 | 4♐28 | 4° 1 | 11♍ 5 | 8°30 | 19°20 | 27°52 | 27♒25 | 4° 6 | 21°31 | 6°D37 | 8° 0 | 23°53 | 25♉16 | S 2 |
| S 3 | 0 48 14 | 10°11'27 | 17°41 | 5°13 | 11°D 4 | 9° 6 | 19°31 | 27°59 | 27°24 | 4° 7 | 21°32 | 6♐37 | 7°57 | 24° 0 | 25°14 | S 3 |
| M 4 | 0 52 11 | 11°10'18 | 1♑10 | 6°23 | 11° 5 | 9°42 | 19°43 | 28° 7 | 27°22 | 4° 9 | 21°32 | 6°38 | 7°54 | 24° 7 | 25°12 | M 4 |
| T 5 | 0 56 7 | 12° 9'11 | 14°56 | 7°31 | 11° 8 | 10°18 | 19°54 | 28°14 | 27°21 | 4°11 | 21°32 | 6°R38 | 7°51 | 24°13 | 25°10 | T 5 |
| W 6 | 1 0 4 | 13° 8'05 | 29° 1 | 8°37 | 11°14 | 10°53 | 20° 6 | 28°21 | 27°19 | 4°13 | 21°33 | 6°37 | 7°48 | 24°20 | 25° 8 | W 6 |
| T 7 | 1 4 0 | 14° 7'01 | 13♒24 | 9°41 | 11°22 | 11°29 | 20°18 | 28°29 | 27°18 | 4°15 | 21°33 | 6°34 | 7°45 | 24°27 | 25° 6 | T 7 |
| F 8 | 1 7 57 | 15° 5'58 | 28° 2 | 10°43 | 11°33 | 12° 4 | 20°30 | 28°36 | 27°17 | 4°17 | 21°33 | 6°29 | 7°41 | 24°33 | 25° 4 | F 8 |
| S 9 | 1 11 53 | 16° 4'57 | 12♓49 | 11°42 | 11°45 | 12°39 | 20°41 | 28°44 | 27°15 | 4°18 | 21°34 | 6°22 | 7°38 | 24°40 | 25° 2 | S 9 |
| S 10 | 1 15 50 | 17° 3'58 | 27°40 | 12°39 | 12° 0 | 13°15 | 20°53 | 28°51 | 27°14 | 4°20 | 21°34 | 6°14 | 7°35 | 24°47 | 24°59 | S 10 |
| M11 | 1 19 46 | 18° 3'01 | 12♈24 | 13°32 | 12°16 | 13°50 | 21° 5 | 28°58 | 27°13 | 4°22 | 21°34 | 6° 6 | 7°32 | 24°54 | 24°57 | M11 |
| T 12 | 1 23 43 | 19° 2'06 | 26°54 | 14°23 | 12°35 | 14°25 | 21°17 | 29° 5 | 27°12 | 4°24 | 21°35 | 6° 0 | 7°29 | 25° 0 | 24°55 | T 12 |
| W13 | 1 27 40 | 20° 1'13 | 11♉ 5 | 15°10 | 12°55 | 14°59 | 21°30 | 29°13 | 27°10 | 4°25 | 21°35 | 5°56 | 7°26 | 25° 7 | 24°52 | W13 |
| T 14 | 1 31 36 | 21° 0'22 | 24°51 | 15°53 | 13°18 | 15°34 | 21°42 | 29°20 | 27° 9 | 4°27 | 21°35 | 5°53 | 7°22 | 25°14 | 24°50 | T 14 |
| F 15 | 1 35 33 | 21°59'34 | 8♊11 | 16°32 | 13°42 | 16° 9 | 21°54 | 29°27 | 27° 8 | 4°29 | 21°35 | 5°D53 | 7°19 | 25°20 | 24°48 | F 15 |
| S 16 | 1 39 29 | 22°58'48 | 21° 7 | 17° 6 | 14° 8 | 16°43 | 22° 6 | 29°34 | 27° 7 | 4°30 | 21°35 | 5°53 | 7°16 | 25°27 | 24°45 | S 16 |
| S 17 | 1 43 26 | 23°58'04 | 3♋40 | 17°35 | 14°35 | 17°18 | 22°19 | 29°41 | 27° 6 | 4°32 | 21°36 | 5°55 | 7°13 | 25°34 | 24°43 | S 17 |
| M18 | 1 47 22 | 24°57'22 | 15°56 | 17°59 | 15° 4 | 17°52 | 22°31 | 29°48 | 27° 5 | 4°33 | 21°36 | 5°56 | 7°10 | 25°41 | 24°40 | M18 |
| T 19 | 1 51 19 | 25°56'42 | 27°59 | 18°17 | 15°35 | 18°26 | 22°43 | 29°55 | 27° 4 | 4°35 | 21°36 | 5°R57 | 7° 6 | 25°47 | 24°37 | T 19 |
| W20 | 1 55 15 | 26°56'05 | 9♌54 | 18°29 | 16° 7 | 19° 0 | 22°56 | 0♎ 2 | 27° 3 | 4°36 | 21°36 | 5°56 | 7° 3 | 25°54 | 24°35 | W20 |
| T 21 | 1 59 12 | 27°55'30 | 21°46 | 18°R34 | 16°41 | 19°34 | 23° 8 | 0° 9 | 27° 3 | 4°38 | 21°36 | 5°53 | 7° 0 | 26° 1 | 24°32 | T 21 |
| F 22 | 2 3 9 | 28°54'57 | 3♍39 | 18°31 | 17°16 | 20° 8 | 23°21 | 0°16 | 27° 2 | 4°39 | 21°R36 | 5°48 | 6°57 | 26° 7 | 24°29 | F 22 |
| S 23 | 2 7 5 | 29°54'27 | 15°37 | 18°21 | 17°52 | 20°41 | 23°33 | 0°23 | 27° 1 | 4°41 | 21°36 | 5°43 | 6°54 | 26°14 | 24°26 | S 23 |
| S 24 | 2 11 2 | 0♏53'59 | 27°44 | 18° 2 | 18°30 | 21°15 | 23°46 | 0°30 | 27° 1 | 4°42 | 21°36 | 5°37 | 6°51 | 26°21 | 24°24 | S 24 |
| M25 | 2 14 58 | 1°53'32 | 10♎ 1 | 17°34 | 19° 9 | 21°48 | 23°59 | 0°37 | 27° 0 | 4°44 | 21°36 | 5°30 | 6°47 | 26°28 | 24°21 | M25 |
| T 26 | 2 18 55 | 2°53'08 | 22°30 | 16°58 | 19°49 | 22°22 | 24°11 | 0°44 | 26°59 | 4°45 | 21°36 | 5°25 | 6°44 | 26°34 | 24°18 | T 26 |
| W27 | 2 22 51 | 3°52'46 | 5♏12 | 16°14 | 20°30 | 22°55 | 24°24 | 0°50 | 26°59 | 4°46 | 21°36 | 5°20 | 6°41 | 26°41 | 24°15 | W27 |
| T 28 | 2 26 48 | 4°52'26 | 18° 8 | 15°21 | 21°13 | 23°28 | 24°37 | 0°57 | 26°58 | 4°48 | 21°35 | 5°17 | 6°38 | 26°48 | 24°12 | T 28 |
| F 29 | 2 30 44 | 5°52'08 | 1♐15 | 14°20 | 21°56 | 24° 0 | 24°50 | 1° 4 | 26°58 | 4°49 | 21°35 | 5°D16 | 6°35 | 26°55 | 24° 9 | F 29 |
| S 30 | 2 34 41 | 6°51'52 | 14°35 | 13°13 | 22°40 | 24°33 | 25° 3 | 1°10 | 26°58 | 4°50 | 21°35 | 5°16 | 6°31 | 27° 1 | 24° 6 | S 30 |
| S 31 | 2 38 38 | 7♏51'38 | 28♐ 7 | 12♏ 1 | 23♍26 | 25♌ 6 | 25♏16 | 1♎17 | 26♒57 | 4♍51 | 21♋35 | 5♐18 | 6♐28 | 27♌ 8 | 24♉ 3 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s15 | 19s23 | 1s20 | 14s19 | 2s 2 | 1n24 | 6s27 | 19n16 | 1n 4 | 16s39 | 0n51 | 2n40 | 1n56 | 13s 3 | 0s46 | 10n27 | 0n29 | 19n55 | 1s47 | 21s22 | 21s36 | 8n51 | 16n20 | 2s48 |
| S 2 | 3 39 | 21 10 | 0 11 | 14 51 | 2 9 | 1 36 | 6 15 | 19 8 | 1 4 | 16 42 | 0 51 | 2 37 | 1 56 | 13 4 | 0 46 | 10 26 | 0 29 | 19 54 | 1 47 | 21 22 | 21 36 | 8 49 | 16 19 | 2 48 |
| S 3 | 4 2 | 21 50 | 0n59 | 15 22 | 2 16 | 1 48 | 6 3 | 18 59 | 1 5 | 16 46 | 0 51 | 2 34 | 1 56 | 13 4 | 0 46 | 10 25 | 0 29 | 19 54 | 1 47 | 21 22 | 21 35 | 8 46 | 16 18 | 2 48 |
| M 4 | 4 25 | 21 15 | 2 8 | 15 52 | 2 23 | 1 58 | 5 51 | 18 51 | 1 6 | 16 49 | 0 50 | 2 31 | 1 56 | 13 5 | 0 46 | 10 25 | 0 29 | 19 54 | 1 47 | 21 22 | 21 35 | 8 44 | 16 18 | 2 48 |
| T 5 | 4 48 | 19 23 | 3 11 | 16 21 | 2 30 | 2 8 | 5 39 | 18 42 | 1 7 | 16 52 | 0 50 | 2 28 | 1 56 | 13 5 | 0 46 | 10 24 | 0 29 | 19 54 | 1 47 | 21 22 | 21 34 | 8 42 | 16 17 | 2 49 |
| W 6 | 5 10 | 16 20 | 4 3 | 16 49 | 2 36 | 2 17 | 5 27 | 18 33 | 1 8 | 16 55 | 0 50 | 2 26 | 1 56 | 13 6 | 0 46 | 10 23 | 0 29 | 19 54 | 1 47 | 21 22 | 21 34 | 8 39 | 16 16 | 2 49 |
| T 7 | 5 33 | 12 15 | 4 42 | 17 15 | 2 43 | 2 25 | 5 15 | 18 24 | 1 9 | 16 58 | 0 50 | 2 23 | 1 56 | 13 6 | 0 46 | 10 23 | 0 29 | 19 54 | 1 47 | 21 21 | 21 33 | 8 37 | 16 16 | 2 49 |
| F 8 | 5 56 | 7 23 | 5 3 | 17 40 | 2 49 | 2 33 | 5 3 | 18 15 | 1 10 | 17 2 | 0 50 | 2 20 | 1 56 | 13 7 | 0 46 | 10 22 | 0 29 | 19 54 | 1 47 | 21 20 | 21 32 | 8 34 | 16 15 | 2 49 |
| S 9 | 6 19 | 2 2 | 5 5 | 18 4 | 2 54 | 2 39 | 4 51 | 18 6 | 1 11 | 17 5 | 0 50 | 2 17 | 1 56 | 13 7 | 0 46 | 10 21 | 0 29 | 19 54 | 1 47 | 21 19 | 21 32 | 8 32 | 16 14 | 2 50 |
| S 10 | 6 41 | 3n27 | 4 46 | 18 27 | 2 59 | 2 45 | 4 39 | 17 57 | 1 12 | 17 8 | 0 50 | 2 14 | 1 56 | 13 8 | 0 46 | 10 21 | 0 29 | 19 54 | 1 47 | 21 18 | 21 31 | 8 30 | 16 13 | 2 50 |
| M11 | 7 4 | 8 41 | 4 8 | 18 48 | 3 4 | 2 49 | 4 27 | 17 48 | 1 13 | 17 12 | 0 50 | 2 11 | 1 56 | 13 8 | 0 46 | 10 20 | 0 29 | 19 54 | 1 47 | 21 17 | 21 31 | 8 27 | 16 13 | 2 50 |
| T 12 | 7 26 | 13 22 | 3 14 | 19 7 | 3 9 | 2 53 | 4 15 | 17 39 | 1 14 | 17 15 | 0 49 | 2 9 | 1 57 | 13 8 | 0 46 | 10 20 | 0 29 | 19 54 | 1 47 | 21 16 | 21 30 | 8 25 | 16 12 | 2 50 |
| W13 | 7 49 | 17 10 | 2 10 | 19 25 | 3 12 | 2 56 | 4 4 | 17 30 | 1 15 | 17 18 | 0 49 | 2 6 | 1 57 | 13 9 | 0 46 | 10 19 | 0 29 | 19 54 | 1 47 | 21 15 | 21 30 | 8 23 | 16 11 | 2 50 |
| T 14 | 8 11 | 19 54 | 0 59 | 19 41 | 3 16 | 2 59 | 3 52 | 17 20 | 1 16 | 17 21 | 0 49 | 2 3 | 1 57 | 13 9 | 0 46 | 10 18 | 0 29 | 19 54 | 1 47 | 21 14 | 21 29 | 8 20 | 16 10 | 2 51 |
| F 15 | 8 33 | 21 25 | 0s13 | 19 54 | 3 18 | 3 0 | 3 41 | 17 11 | 1 17 | 17 25 | 0 49 | 2 0 | 1 57 | 13 9 | 0 46 | 10 18 | 0 29 | 19 54 | 1 47 | 21 14 | 21 29 | 8 18 | 16 10 | 2 51 |
| S 16 | 8 55 | 21 44 | 1 22 | 20 6 | 3 20 | 3 1 | 3 29 | 17 1 | 1 18 | 17 28 | 0 49 | 1 58 | 1 57 | 13 10 | 0 46 | 10 17 | 0 29 | 19 54 | 1 47 | 21 14 | 21 28 | 8 15 | 16 9 | 2 51 |
| S 17 | 9 17 | 20 55 | 2 25 | 20 16 | 3 22 | 3 0 | 3 18 | 16 52 | 1 19 | 17 31 | 0 49 | 1 55 | 1 57 | 13 10 | 0 46 | 10 17 | 0 29 | 19 54 | 1 47 | 21 15 | 21 28 | 8 13 | 16 8 | 2 51 |
| M18 | 9 38 | 19 7 | 3 20 | 20 23 | 3 22 | 2 59 | 3 7 | 16 42 | 1 20 | 17 34 | 0 49 | 1 52 | 1 57 | 13 10 | 0 46 | 10 16 | 0 29 | 19 54 | 1 47 | 21 15 | 21 27 | 8 11 | 16 7 | 2 51 |
| T 19 | 10 0 | 16 30 | 4 5 | 20 28 | 3 22 | 2 58 | 2 56 | 16 33 | 1 21 | 17 38 | 0 49 | 1 50 | 1 57 | 13 11 | 0 46 | 10 16 | 0 29 | 19 54 | 1 47 | 21 15 | 21 27 | 8 8 | 16 6 | 2 52 |
| W20 | 10 21 | 13 14 | 4 39 | 20 29 | 3 20 | 2 55 | 2 46 | 16 23 | 1 22 | 17 41 | 0 48 | 1 47 | 1 58 | 13 11 | 0 46 | 10 15 | 0 29 | 19 54 | 1 47 | 21 15 | 21 26 | 8 6 | 16 6 | 2 52 |
| T 21 | 10 43 | 9 28 | 5 1 | 20 28 | 3 17 | 2 52 | 2 35 | 16 13 | 1 22 | 17 44 | 0 48 | 1 44 | 1 58 | 13 11 | 0 46 | 10 15 | 0 29 | 19 54 | 1 47 | 21 14 | 21 26 | 8 3 | 16 5 | 2 52 |
| F 22 | 11 4 | 5 19 | 5 10 | 20 23 | 3 13 | 2 48 | 2 25 | 16 4 | 1 23 | 17 47 | 0 48 | 1 42 | 1 58 | 13 11 | 0 46 | 10 14 | 0 29 | 19 54 | 1 47 | 21 13 | 21 25 | 8 1 | 16 4 | 2 52 |
| S 23 | 11 25 | 0 57 | 5 6 | 20 15 | 3 8 | 2 43 | 2 15 | 15 54 | 1 24 | 17 51 | 0 48 | 1 39 | 1 58 | 13 12 | 0 46 | 10 14 | 0 29 | 19 54 | 1 47 | 21 13 | 21 25 | 7 59 | 16 3 | 2 52 |
| S 24 | 11 46 | 3s30 | 4 48 | 20 3 | 3 1 | 2 38 | 2 5 | 15 44 | 1 26 | 17 54 | 0 48 | 1 36 | 1 58 | 13 12 | 0 46 | 10 13 | 0 29 | 19 54 | 1 47 | 21 11 | 21 24 | 7 56 | 16 2 | 2 52 |
| M25 | 12 6 | 7 53 | 4 17 | 19 47 | 2 52 | 2 31 | 1 55 | 15 34 | 1 27 | 17 57 | 0 48 | 1 34 | 1 58 | 13 12 | 0 46 | 10 13 | 0 29 | 19 54 | 1 47 | 21 10 | 21 24 | 7 54 | 16 1 | 2 53 |
| T 26 | 12 27 | 12 1 | 3 32 | 19 27 | 2 42 | 2 25 | 1 45 | 15 24 | 1 28 | 18 0 | 0 48 | 1 31 | 1 58 | 13 12 | 0 46 | 10 12 | 0 29 | 19 54 | 1 47 | 21 9 | 21 23 | 7 52 | 16 1 | 2 53 |
| W27 | 12 47 | 15 42 | 2 37 | 19 3 | 2 30 | 2 17 | 1 36 | 15 15 | 1 29 | 18 3 | 0 48 | 1 29 | 1 58 | 13 12 | 0 46 | 10 12 | 0 29 | 19 54 | 1 46 | 21 9 | 21 23 | 7 49 | 16 0 | 2 53 |
| T 28 | 13 7 | 18 40 | 1 32 | 18 34 | 2 16 | 2 9 | 1 26 | 15 5 | 1 30 | 18 7 | 0 48 | 1 26 | 1 59 | 13 12 | 0 46 | 10 11 | 0 29 | 19 54 | 1 46 | 21 8 | 21 22 | 7 47 | 15 59 | 2 53 |
| F 29 | 13 27 | 20 43 | 0 22 | 18 1 | 2 0 | 2 0 | 1 17 | 14 55 | 1 31 | 18 10 | 0 47 | 1 24 | 1 59 | 13 13 | 0 46 | 10 11 | 0 29 | 19 54 | 1 46 | 21 8 | 21 21 | 7 44 | 15 58 | 2 53 |
| S 30 | 13 46 | 21 39 | 0n51 | 17 25 | 1 43 | 1 51 | 1 9 | 14 45 | 1 32 | 18 13 | 0 47 | 1 21 | 1 59 | 13 13 | 0 46 | 10 10 | 0 29 | 19 54 | 1 46 | 21 8 | 21 21 | 7 42 | 15 57 | 2 53 |
| S 31 | 14s 6 | 21s20 | 2n 2 | 16s45 | 1s25 | 1n41 | 1s 0 | 14n35 | 1n33 | 18s16 | 0n47 | 1n19 | 1n59 | 13s13 | 0s45 | 10n10 | 0n29 | 19n54 | 1s46 | 21s 8 | 21s20 | 7n40 | 15n56 | 2s54 |

Julian Day Number = 2605585.5, Delta T = 09m42s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'12, Lahiri = 29°45'14


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## NOVEMBER 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 42 34 | 8♏51'25 | 11♉50 | 10°R46 | 24♍12 | 25♌38 | 25♏29 | 1♎24 | 26°R57 | 4♍53 | 21°R35 | 5♐19 | 6♐25 | 27♌15 | 24°R 0 | M 1 |
| T 2 | 2 46 31 | 9°51'15 | 25°43 | 9♏30 | 25° 0 | 26°10 | 25°42 | 1°30 | 26♒57 | 4°54 | 21♋34 | 5°21 | 6°22 | 27°21 | 23♉57 | T 2 |
| W 3 | 2 50 27 | 10°51'05 | 9♒47 | 8°15 | 25°48 | 26°42 | 25°54 | 1°36 | 26°57 | 4°55 | 21°34 | 5°R21 | 6°19 | 27°28 | 23°54 | W 3 |
| T 4 | 2 54 24 | 11°50'57 | 23°59 | 7° 3 | 26°37 | 27°14 | 26° 7 | 1°43 | 26°57 | 4°56 | 21°34 | 5°21 | 6°16 | 27°35 | 23°51 | T 4 |
| F 5 | 2 58 20 | 12°50'51 | 8♓18 | 5°58 | 27°27 | 27°46 | 26°21 | 1°49 | 26°57 | 4°57 | 21°33 | 5°19 | 6°12 | 27°42 | 23°48 | F 5 |
| S 6 | 3 2 17 | 13°50'47 | 22°40 | 5° 0 | 28°17 | 28°17 | 26°34 | 1°55 | 26°D57 | 4°58 | 21°33 | 5°17 | 6° 9 | 27°48 | 23°45 | S 6 |
| S 7 | 3 6 13 | 14°50'44 | 7♈ 2 | 4°11 | 29° 9 | 28°49 | 26°47 | 2° 2 | 26°57 | 4°59 | 21°33 | 5°14 | 6° 6 | 27°55 | 23°42 | S 7 |
| M 8 | 3 10 10 | 15°50'42 | 21°18 | 3°33 | 0♎ 1 | 29°20 | 27° 0 | 2° 8 | 26°57 | 5° 0 | 21°32 | 5°11 | 6° 3 | 28° 2 | 23°39 | M 8 |
| T 9 | 3 14 7 | 16°50'43 | 5♉24 | 3° 6 | 0°54 | 29°51 | 27°13 | 2°14 | 26°57 | 5° 1 | 21°32 | 5° 9 | 6° 0 | 28° 8 | 23°36 | T 9 |
| W10 | 3 18 3 | 17°50'45 | 19°15 | 2°51 | 1°47 | 0♍22 | 27°26 | 2°20 | 26°57 | 5° 2 | 21°32 | 5° 7 | 5°57 | 28°15 | 23°33 | W10 |
| T 11 | 3 22 0 | 18°50'49 | 2♊48 | 2°D47 | 2°41 | 0°53 | 27°39 | 2°26 | 26°57 | 5° 3 | 21°31 | 5°D 7 | 5°53 | 28°22 | 23°30 | T 11 |
| F 12 | 3 25 56 | 19°50'56 | 16° 1 | 2°55 | 3°36 | 1°23 | 27°52 | 2°32 | 26°58 | 5° 4 | 21°31 | 5° 7 | 5°50 | 28°29 | 23°26 | F 12 |
| S 13 | 3 29 53 | 20°51'04 | 28°54 | 3°13 | 4°32 | 1°54 | 28° 6 | 2°38 | 26°58 | 5° 5 | 21°30 | 5° 8 | 5°47 | 28°35 | 23°23 | S 13 |
| S 14 | 3 33 49 | 21°51'14 | 11♋28 | 3°41 | 5°28 | 2°24 | 28°19 | 2°44 | 26°58 | 5° 6 | 21°30 | 5° 9 | 5°44 | 28°42 | 23°20 | S 14 |
| M15 | 3 37 46 | 22°51'26 | 23°45 | 4°17 | 6°24 | 2°54 | 28°32 | 2°49 | 26°59 | 5° 6 | 21°29 | 5°10 | 5°41 | 28°49 | 23°17 | M15 |
| T 16 | 3 41 42 | 23°51'40 | 5♌51 | 5° 2 | 7°22 | 3°24 | 28°45 | 2°55 | 26°59 | 5° 7 | 21°28 | 5°11 | 5°37 | 28°56 | 23°14 | T 16 |
| W17 | 3 45 39 | 24°51'56 | 17°47 | 5°54 | 8°19 | 3°53 | 28°58 | 3° 1 | 27° 0 | 5° 8 | 21°28 | 5°12 | 5°34 | 29° 2 | 23°11 | W17 |
| T 18 | 3 49 36 | 25°52'13 | 29°40 | 6°53 | 9°18 | 4°23 | 29°12 | 3° 6 | 27° 0 | 5° 8 | 21°27 | 5°R12 | 5°31 | 29° 9 | 23° 8 | T 18 |
| F 19 | 3 53 32 | 26°52'33 | 11♍33 | 7°57 | 10°17 | 4°52 | 29°25 | 3°12 | 27° 1 | 5° 9 | 21°27 | 5°12 | 5°28 | 29°16 | 23° 4 | F 19 |
| S 20 | 3 57 29 | 27°52'55 | 23°33 | 9° 6 | 11°16 | 5°21 | 29°38 | 3°17 | 27° 2 | 5°10 | 21°26 | 5°11 | 5°25 | 29°22 | 23° 1 | S 20 |
| S 21 | 4 1 25 | 28°53'18 | 5♎41 | 10°19 | 12°16 | 5°50 | 29°51 | 3°22 | 27° 2 | 5°10 | 21°25 | 5°10 | 5°22 | 29°29 | 22°58 | S 21 |
| M22 | 4 5 22 | 29°53'44 | 18° 4 | 11°35 | 13°16 | 6°18 | 0♐ 5 | 3°28 | 27° 3 | 5°11 | 21°25 | 5° 9 | 5°18 | 29°36 | 22°55 | M22 |
| T 23 | 4 9 18 | 0♐54'11 | 0♏42 | 12°55 | 14°17 | 6°47 | 0°18 | 3°33 | 27° 4 | 5°11 | 21°24 | 5° 9 | 5°15 | 29°43 | 22°52 | T 23 |
| W24 | 4 13 15 | 1°54'40 | 13°38 | 14°17 | 15°18 | 7°15 | 0°31 | 3°38 | 27° 5 | 5°12 | 21°23 | 5° 8 | 5°12 | 29°49 | 22°49 | W24 |
| T 25 | 4 17 11 | 2°55'11 | 26°52 | 15°41 | 16°19 | 7°43 | 0°45 | 3°43 | 27° 6 | 5°12 | 21°22 | 5° 8 | 5° 9 | 29°56 | 22°46 | T 25 |
| F 26 | 4 21 8 | 3°55'43 | 10♐24 | 17° 7 | 17°21 | 8°10 | 0°58 | 3°48 | 27° 7 | 5°13 | 21°22 | 5°D 8 | 5° 6 | 0♍ 3 | 22°43 | F 26 |
| S 27 | 4 25 5 | 4°56'17 | 24°11 | 18°35 | 18°23 | 8°38 | 1°11 | 3°53 | 27° 8 | 5°13 | 21°21 | 5°R 8 | 5° 3 | 0° 9 | 22°39 | S 27 |
| S 28 | 4 29 1 | 5°56'52 | 8♑10 | 20° 3 | 19°26 | 9° 5 | 1°24 | 3°58 | 27° 9 | 5°13 | 21°20 | 5° 8 | 4°59 | 0°16 | 22°36 | S 28 |
| M29 | 4 32 58 | 6°57'29 | 22°19 | 21°33 | 20°29 | 9°32 | 1°38 | 4° 2 | 27°10 | 5°14 | 21°19 | 5° 8 | 4°56 | 0°23 | 22°33 | M29 |
| T 30 | 4 36 54 | 7♐58'06 | 6♒32 | 23♏ 4 | 21♎32 | 9♍58 | 1♐51 | 4♎ 7 | 27♒11 | 5♍14 | 21♋18 | 5♐ 8 | 4♐53 | 0♍30 | 22♉30 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s25 | 19s45 | 3n 7 | 16s 3 | 1s 5 | 1n31 | 0s51 | 14n25 | 1n34 | 18s19 | 0n47 | 1n16 | 1n59 | 13s13 | 0s45 | 10n 9 | 0n29 | 19n54 | 1s46 | 21s 8 | 21s20 | 7n37 | 15n55 | 2s54 |
| T 2 | 14 44 | 16 59 | 4 2 | 15 20 | 0 45 | 1 20 | 0 43 | 14 15 | 1 35 | 18 22 | 0 47 | 1 14 | 1 59 | 13 13 | 0 45 | 10 9 | 0 30 | 19 54 | 1 46 | 21 9 | 21 19 | 7 35 | 15 55 | 2 54 |
| W 3 | 15 3 | 13 12 | 4 44 | 14 36 | 0 24 | 1 8 | 0 35 | 14 5 | 1 36 | 18 26 | 0 47 | 1 11 | 2 0 | 13 13 | 0 45 | 10 9 | 0 30 | 19 55 | 1 46 | 21 9 | 21 19 | 7 32 | 15 54 | 2 54 |
| T 4 | 15 21 | 8 38 | 5 8 | 13 54 | 0 3 | 0 56 | 0 27 | 13 55 | 1 37 | 18 29 | 0 47 | 1 9 | 2 0 | 13 13 | 0 45 | 10 8 | 0 30 | 19 55 | 1 46 | 21 9 | 21 18 | 7 30 | 15 53 | 2 54 |
| F 5 | 15 39 | 3 35 | 5 14 | 13 13 | 0n17 | 0 43 | 0 19 | 13 45 | 1 38 | 18 32 | 0 47 | 1 7 | 2 0 | 13 13 | 0 45 | 10 8 | 0 30 | 19 55 | 1 46 | 21 8 | 21 18 | 7 28 | 15 52 | 2 54 |
| S 6 | 15 57 | 1n42 | 5 0 | 12 36 | 0 36 | 0 30 | 0 12 | 13 35 | 1 39 | 18 35 | 0 47 | 1 4 | 2 0 | 13 13 | 0 45 | 10 8 | 0 30 | 19 55 | 1 46 | 21 8 | 21 17 | 7 25 | 15 51 | 2 54 |
| S 7 | 16 15 | 6 53 | 4 28 | 12 3 | 0 54 | 0 16 | 0 4 | 13 26 | 1 40 | 18 38 | 0 47 | 1 2 | 2 0 | 13 13 | 0 45 | 10 7 | 0 30 | 19 55 | 1 46 | 21 7 | 21 17 | 7 23 | 15 50 | 2 54 |
| M 8 | 16 33 | 11 40 | 3 39 | 11 34 | 1 10 | 0 2 | 0n 3 | 13 16 | 1 41 | 18 41 | 0 47 | 1 0 | 2 0 | 13 13 | 0 45 | 10 7 | 0 30 | 19 55 | 1 46 | 21 7 | 21 16 | 7 21 | 15 49 | 2 55 |
| T 9 | 16 50 | 15 45 | 2 37 | 11 12 | 1 24 | 0s12 | 0 10 | 13 6 | 1 42 | 18 44 | 0 47 | 0 58 | 2 1 | 13 13 | 0 45 | 10 7 | 0 30 | 19 55 | 1 46 | 21 6 | 21 15 | 7 18 | 15 48 | 2 55 |
| W10 | 17 7 | 18 53 | 1 27 | 10 54 | 1 37 | 0 27 | 0 17 | 12 56 | 1 44 | 18 47 | 0 46 | 0 55 | 2 1 | 13 12 | 0 45 | 10 6 | 0 30 | 19 55 | 1 46 | 21 6 | 21 15 | 7 16 | 15 48 | 2 55 |
| T 11 | 17 23 | 20 53 | 0 13 | 10 43 | 1 48 | 0 43 | 0 23 | 12 46 | 1 45 | 18 50 | 0 46 | 0 53 | 2 1 | 13 12 | 0 45 | 10 6 | 0 30 | 19 55 | 1 46 | 21 6 | 21 14 | 7 13 | 15 47 | 2 55 |
| F 12 | 17 40 | 21 39 | 1s 0 | 10 37 | 1 57 | 0 58 | 0 30 | 12 36 | 1 46 | 18 53 | 0 46 | 0 51 | 2 1 | 13 12 | 0 45 | 10 6 | 0 30 | 19 55 | 1 46 | 21 6 | 21 14 | 7 11 | 15 46 | 2 55 |
| S 13 | 17 56 | 21 15 | 2 8 | 10 36 | 2 4 | 1 15 | 0 36 | 12 26 | 1 47 | 18 56 | 0 46 | 0 49 | 2 1 | 13 12 | 0 45 | 10 5 | 0 30 | 19 55 | 1 46 | 21 6 | 21 13 | 7 9 | 15 45 | 2 55 |
| S 14 | 18 11 | 19 46 | 3 8 | 10 40 | 2 10 | 1 31 | 0 42 | 12 17 | 1 48 | 18 59 | 0 46 | 0 47 | 2 2 | 13 12 | 0 45 | 10 5 | 0 30 | 19 55 | 1 46 | 21 7 | 21 13 | 7 6 | 15 44 | 2 55 |
| M15 | 18 27 | 17 24 | 3 58 | 10 49 | 2 14 | 1 48 | 0 48 | 12 7 | 1 49 | 19 2 | 0 46 | 0 45 | 2 2 | 13 12 | 0 45 | 10 5 | 0 30 | 19 56 | 1 46 | 21 7 | 21 12 | 7 4 | 15 43 | 2 55 |
| T 16 | 18 42 | 14 18 | 4 36 | 11 1 | 2 17 | 2 6 | 0 54 | 11 57 | 1 50 | 19 5 | 0 46 | 0 43 | 2 2 | 13 11 | 0 45 | 10 5 | 0 30 | 19 56 | 1 46 | 21 7 | 21 12 | 7 1 | 15 42 | 2 55 |
| W17 | 18 56 | 10 40 | 5 2 | 11 17 | 2 18 | 2 23 | 0 59 | 11 48 | 1 52 | 19 8 | 0 46 | 0 41 | 2 2 | 13 11 | 0 45 | 10 4 | 0 30 | 19 56 | 1 46 | 21 7 | 21 11 | 6 59 | 15 41 | 2 56 |
| T 18 | 19 11 | 6 38 | 5 15 | 11 36 | 2 18 | 2 41 | 1 5 | 11 38 | 1 53 | 19 11 | 0 46 | 0 39 | 2 2 | 13 11 | 0 45 | 10 4 | 0 30 | 19 56 | 1 46 | 21 7 | 21 10 | 6 57 | 15 41 | 2 56 |
| F 19 | 19 25 | 2 21 | 5 15 | 11 58 | 2 17 | 2 59 | 1 10 | 11 28 | 1 54 | 19 14 | 0 46 | 0 37 | 2 3 | 13 11 | 0 45 | 10 4 | 0 30 | 19 56 | 1 46 | 21 7 | 21 10 | 6 54 | 15 40 | 2 56 |
| S 20 | 19 39 | 2s 3 | 5 1 | 12 21 | 2 16 | 3 18 | 1 15 | 11 19 | 1 55 | 19 17 | 0 46 | 0 35 | 2 3 | 13 11 | 0 45 | 10 4 | 0 30 | 19 56 | 1 46 | 21 7 | 21 9 | 6 52 | 15 39 | 2 56 |
| S 21 | 19 52 | 6 26 | 4 33 | 12 46 | 2 13 | 3 37 | 1 20 | 11 9 | 1 56 | 19 20 | 0 46 | 0 33 | 2 3 | 13 10 | 0 45 | 10 4 | 0 30 | 19 56 | 1 46 | 21 7 | 21 9 | 6 49 | 15 38 | 2 56 |
| M22 | 20 5 | 10 39 | 3 52 | 13 13 | 2 10 | 3 56 | 1 25 | 11 0 | 1 57 | 19 23 | 0 46 | 0 31 | 2 3 | 13 10 | 0 45 | 10 3 | 0 30 | 19 56 | 1 46 | 21 7 | 21 8 | 6 47 | 15 37 | 2 56 |
| T 23 | 20 17 | 14 30 | 3 0 | 13 41 | 2 6 | 4 15 | 1 29 | 10 51 | 1 59 | 19 25 | 0 46 | 0 29 | 2 3 | 13 10 | 0 45 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 8 | 6 45 | 15 36 | 2 56 |
| W24 | 20 30 | 17 45 | 1 57 | 14 10 | 2 1 | 4 34 | 1 33 | 10 41 | 2 0 | 19 28 | 0 45 | 0 27 | 2 4 | 13 9 | 0 45 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 7 | 6 42 | 15 35 | 2 56 |
| T 25 | 20 42 | 20 9 | 0 46 | 14 39 | 1 56 | 4 54 | 1 38 | 10 32 | 2 1 | 19 31 | 0 45 | 0 25 | 2 4 | 13 9 | 0 45 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 6 | 6 40 | 15 35 | 2 56 |
| F 26 | 20 53 | 21 28 | 0n29 | 15 8 | 1 51 | 5 14 | 1 42 | 10 23 | 2 2 | 19 34 | 0 45 | 0 24 | 2 4 | 13 9 | 0 45 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 6 | 6 38 | 15 34 | 2 56 |
| S 27 | 21 4 | 21 32 | 1 44 | 15 38 | 1 45 | 5 34 | 1 46 | 10 14 | 2 4 | 19 37 | 0 45 | 0 22 | 2 4 | 13 8 | 0 45 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 5 | 6 35 | 15 33 | 2 56 |
| S 28 | 21 15 | 20 15 | 2 53 | 16 8 | 1 39 | 5 54 | 1 49 | 10 5 | 2 5 | 19 39 | 0 45 | 0 20 | 2 5 | 13 8 | 0 44 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 5 | 6 33 | 15 32 | 2 56 |
| M29 | 21 25 | 17 43 | 3 53 | 16 37 | 1 32 | 6 14 | 1 53 | 9 56 | 2 6 | 19 42 | 0 45 | 0 18 | 2 5 | 13 7 | 0 44 | 10 3 | 0 30 | 19 57 | 1 46 | 21 6 | 21 4 | 6 30 | 15 31 | 2 56 |
| T 30 | 21s35 | 14s 6 | 4n39 | 17s 7 | 1n26 | 6s35 | 1n56 | 9n47 | 2n 8 | 19s45 | 0n45 | 0n17 | 2n 5 | 13s 7 | 0s44 | 10n 2 | 0n30 | 19n58 | 1s46 | 21s 6 | 21s 4 | 6n28 | 15n31 | 2s56 |

Julian Day Number = 2605616.5, Delta T = 09m42s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'16, Lahiri = 29°45'18


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# ASTRODIENST EPHEMERIS for the year 2421
# geocentric

## DECEMBER 2421 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 40 51 | 8♐58'45 | 20♒48 | 24♏35 | 22♎36 | 10♍25 | 2♐ 4 | 4♎12 | 27♒13 | 5♍14 | 21°R17 | 5°R 7 | 4♐50 | 0♍36 | 22°R27 | W 1 |
| T 2 | 4 44 47 | 9°59'25 | 5♓ 2 | 26° 7 | 23°40 | 10°51 | 2°17 | 4°16 | 27°14 | 5°14 | 21♋17 | 5°D 7 | 4°47 | 0°43 | 22♉24 | T 2 |
| F 3 | 4 48 44 | 11° 0'06 | 19°13 | 27°39 | 24°44 | 11°17 | 2°31 | 4°21 | 27°15 | 5°14 | 21°16 | 5♐ 7 | 4°43 | 0°50 | 22°21 | F 3 |
| S 4 | 4 52 40 | 12° 0'48 | 3♈17 | 29°11 | 25°49 | 11°42 | 2°44 | 4°25 | 27°17 | 5°15 | 21°15 | 5° 8 | 4°40 | 0°57 | 22°18 | S 4 |
| S 5 | 4 56 37 | 13° 1'30 | 17°14 | 0♐44 | 26°54 | 12° 8 | 2°57 | 4°29 | 27°18 | 5°15 | 21°14 | 5° 8 | 4°37 | 1° 3 | 22°16 | S 5 |
| M 6 | 5 0 34 | 14° 2'14 | 1♉ 1 | 2°17 | 27°59 | 12°33 | 3°10 | 4°33 | 27°20 | 5°15 | 21°13 | 5° 9 | 4°34 | 1°10 | 22°13 | M 6 |
| T 7 | 5 4 30 | 15° 2'59 | 14°38 | 3°50 | 29° 5 | 12°58 | 3°23 | 4°37 | 27°21 | 5°R15 | 21°12 | 5°10 | 4°31 | 1°17 | 22°10 | T 7 |
| W 8 | 5 8 27 | 16° 3'45 | 28° 2 | 5°24 | 0♏10 | 13°22 | 3°36 | 4°41 | 27°23 | 5°15 | 21°11 | 5°10 | 4°28 | 1°23 | 22° 7 | W 8 |
| T 9 | 5 12 23 | 17° 4'32 | 11♊13 | 6°57 | 1°16 | 13°46 | 3°50 | 4°45 | 27°24 | 5°15 | 21°10 | 5°R10 | 4°24 | 1°30 | 22° 4 | T 9 |
| F 10 | 5 16 20 | 18° 5'21 | 24°10 | 8°31 | 2°23 | 14°10 | 4° 3 | 4°49 | 27°26 | 5°15 | 21° 9 | 5°10 | 4°21 | 1°37 | 22° 1 | F 10 |
| S 11 | 5 20 16 | 19° 6'10 | 6♋52 | 10° 4 | 3°29 | 14°34 | 4°16 | 4°53 | 27°28 | 5°14 | 21° 8 | 5° 8 | 4°18 | 1°44 | 21°59 | S 11 |
| S 12 | 5 24 13 | 20° 7'01 | 19°20 | 11°38 | 4°36 | 14°57 | 4°29 | 4°56 | 27°30 | 5°14 | 21° 7 | 5° 6 | 4°15 | 1°50 | 21°56 | S 12 |
| M13 | 5 28 9 | 21° 7'52 | 1♌36 | 13°11 | 5°43 | 15°20 | 4°42 | 5° 0 | 27°31 | 5°14 | 21° 6 | 5° 4 | 4°12 | 1°57 | 21°53 | M13 |
| T 14 | 5 32 6 | 22° 8'45 | 13°40 | 14°45 | 6°50 | 15°42 | 4°55 | 5° 3 | 27°33 | 5°14 | 21° 5 | 5° 1 | 4° 9 | 2° 4 | 21°51 | T 14 |
| W15 | 5 36 3 | 23° 9'39 | 25°37 | 16°19 | 7°58 | 16° 5 | 5° 8 | 5° 6 | 27°35 | 5°14 | 21° 4 | 4°59 | 4° 5 | 2°11 | 21°48 | W15 |
| T 16 | 5 39 59 | 24°10'35 | 7♍29 | 17°52 | 9° 5 | 16°26 | 5°21 | 5°10 | 27°37 | 5°13 | 21° 3 | 4°57 | 4° 2 | 2°17 | 21°46 | T 16 |
| F 17 | 5 43 56 | 25°11'31 | 19°22 | 19°26 | 10°13 | 16°48 | 5°34 | 5°13 | 27°39 | 5°13 | 21° 2 | 4°56 | 3°59 | 2°24 | 21°43 | F 17 |
| S 18 | 5 47 52 | 26°12'29 | 1♎19 | 21° 0 | 11°21 | 17° 9 | 5°47 | 5°16 | 27°41 | 5°13 | 21° 0 | 4°D56 | 3°56 | 2°31 | 21°41 | S 18 |
| S 19 | 5 51 49 | 27°13'27 | 13°26 | 22°34 | 12°30 | 17°30 | 5°59 | 5°19 | 27°43 | 5°12 | 20°59 | 4°57 | 3°53 | 2°37 | 21°38 | S 19 |
| M20 | 5 55 45 | 28°14'27 | 25°47 | 24° 8 | 13°38 | 17°50 | 6°12 | 5°22 | 27°45 | 5°12 | 20°58 | 4°58 | 3°49 | 2°44 | 21°36 | M20 |
| T 21 | 5 59 42 | 29°15'28 | 8♏26 | 25°42 | 14°47 | 18°10 | 6°25 | 5°24 | 27°47 | 5°12 | 20°57 | 5° 0 | 3°46 | 2°51 | 21°33 | T 21 |
| W22 | 6 3 38 | 0♑16'30 | 21°27 | 27°16 | 15°56 | 18°30 | 6°38 | 5°27 | 27°50 | 5°11 | 20°56 | 5° 1 | 3°43 | 2°58 | 21°31 | W22 |
| T 23 | 6 7 35 | 1°17'33 | 4♐52 | 28°50 | 17° 5 | 18°49 | 6°51 | 5°30 | 27°52 | 5°11 | 20°55 | 5°R 2 | 3°40 | 3° 4 | 21°29 | T 23 |
| F 24 | 6 11 32 | 2°18'37 | 18°41 | 0♑24 | 18°14 | 19° 8 | 7° 3 | 5°32 | 27°54 | 5°10 | 20°53 | 5° 1 | 3°37 | 3°11 | 21°27 | F 24 |
| S 25 | 6 15 28 | 3°19'41 | 2♑52 | 1°59 | 19°23 | 19°26 | 7°16 | 5°34 | 27°57 | 5° 9 | 20°52 | 4°59 | 3°34 | 3°18 | 21°25 | S 25 |
| S 26 | 6 19 25 | 4°20'46 | 17°20 | 3°34 | 20°33 | 19°44 | 7°28 | 5°37 | 27°59 | 5° 9 | 20°51 | 4°56 | 3°30 | 3°24 | 21°22 | S 26 |
| M27 | 6 23 21 | 5°21'52 | 1♒59 | 5° 8 | 21°42 | 20° 2 | 7°41 | 5°39 | 28° 1 | 5° 8 | 20°50 | 4°51 | 3°27 | 3°31 | 21°20 | M27 |
| T 28 | 6 27 18 | 6°22'58 | 16°41 | 6°43 | 22°52 | 20°19 | 7°53 | 5°41 | 28° 4 | 5° 7 | 20°49 | 4°46 | 3°24 | 3°38 | 21°18 | T 28 |
| W29 | 6 31 14 | 7°24'04 | 1♓21 | 8°19 | 24° 2 | 20°35 | 8° 6 | 5°43 | 28° 6 | 5° 7 | 20°48 | 4°42 | 3°21 | 3°45 | 21°16 | W29 |
| T 30 | 6 35 11 | 8°25'10 | 15°51 | 9°54 | 25°12 | 20°51 | 8°18 | 5°44 | 28° 9 | 5° 6 | 20°46 | 4°39 | 3°18 | 3°51 | 21°15 | T 30 |
| F 31 | 6 39 7 | 9♑26'16 | 0♈ 7 | 11♑30 | 26♏22 | 21♍ 7 | 8♐31 | 5♎46 | 28♒11 | 5♍ 5 | 20♋45 | 4♐37 | 3♐15 | 3♍58 | 21♉13 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21s45 | 9s40 | 5n 7 | 17s35 | 1n19 | 6s55 | 1n59 | 9n38 | 2n 9 | 19s47 | 0n45 | 0n15 | 2n 5 | 13s 6 | 0s44 | 10n 2 | 0n30 | 19n58 | 1s46 | 21s 6 | 21s 3 | 6n26 | 15n30 | 2s56 |
| T 2 | 21 54 | 4 43 | 5 17 | 18 4 | 1 12 | 7 16 | 2 3 | 9 29 | 2 10 | 19 50 | 0 45 | 0 14 | 2 6 | 13 6 | 0 44 | 10 2 | 0 30 | 19 58 | 1 46 | 21 6 | 21 2 | 6 23 | 15 29 | 2 56 |
| F 3 | 22 2 | 0n28 | 5 8 | 18 32 | 1 5 | 7 37 | 2 5 | 9 21 | 2 11 | 19 53 | 0 45 | 0 12 | 2 6 | 13 5 | 0 44 | 10 2 | 0 30 | 19 58 | 1 46 | 21 6 | 21 2 | 6 21 | 15 28 | 2 57 |
| S 4 | 22 11 | 5 35 | 4 40 | 18 59 | 0 58 | 7 58 | 2 8 | 9 12 | 2 13 | 19 55 | 0 45 | 0 11 | 2 6 | 13 5 | 0 44 | 10 2 | 0 30 | 19 58 | 1 46 | 21 6 | 21 1 | 6 18 | 15 27 | 2 57 |
| S 5 | 22 18 | 10 23 | 3 56 | 19 25 | 0 51 | 8 19 | 2 11 | 9 4 | 2 14 | 19 58 | 0 45 | 0 9 | 2 6 | 13 4 | 0 44 | 10 2 | 0 30 | 19 58 | 1 46 | 21 6 | 21 1 | 6 16 | 15 27 | 2 57 |
| M 6 | 22 26 | 14 35 | 2 58 | 19 51 | 0 44 | 8 39 | 2 13 | 8 55 | 2 15 | 20 0 | 0 45 | 0 8 | 2 7 | 13 4 | 0 44 | 10 2 | 0 30 | 19 59 | 1 46 | 21 7 | 21 0 | 6 14 | 15 26 | 2 57 |
| T 7 | 22 33 | 17 58 | 1 51 | 20 16 | 0 37 | 9 0 | 2 16 | 8 47 | 2 17 | 20 3 | 0 45 | 0 6 | 2 7 | 13 3 | 0 44 | 10 2 | 0 30 | 19 59 | 1 46 | 21 7 | 21 0 | 6 11 | 15 25 | 2 57 |
| W 8 | 22 39 | 20 19 | 0 39 | 20 40 | 0 30 | 9 21 | 2 18 | 8 39 | 2 18 | 20 5 | 0 45 | 0 5 | 2 7 | 13 3 | 0 44 | 10 2 | 0 30 | 19 59 | 1 45 | 21 7 | 20 59 | 6 9 | 15 24 | 2 57 |
| T 9 | 22 45 | 21 31 | 0s33 | 21 3 | 0 23 | 9 42 | 2 20 | 8 31 | 2 20 | 20 8 | 0 45 | 0 4 | 2 7 | 13 2 | 0 44 | 10 2 | 0 31 | 19 59 | 1 45 | 21 7 | 20 58 | 6 6 | 15 24 | 2 57 |
| F 10 | 22 51 | 21 32 | 1 43 | 21 25 | 0 15 | 10 3 | 2 22 | 8 23 | 2 21 | 20 10 | 0 45 | 0 3 | 2 8 | 13 1 | 0 44 | 10 2 | 0 31 | 19 59 | 1 45 | 21 7 | 20 58 | 6 4 | 15 23 | 2 57 |
| S 11 | 22 56 | 20 26 | 2 46 | 21 46 | 0 8 | 10 24 | 2 23 | 8 15 | 2 22 | 20 13 | 0 45 | 0 1 | 2 8 | 13 1 | 0 44 | 10 2 | 0 31 | 20 0 | 1 45 | 21 6 | 20 57 | 6 2 | 15 22 | 2 57 |
| S 12 | 23 1 | 18 21 | 3 40 | 22 6 | 0 1 | 10 45 | 2 25 | 8 8 | 2 24 | 20 15 | 0 45 | 0 0 | 2 8 | 13 0 | 0 44 | 10 3 | 0 31 | 20 0 | 1 45 | 21 6 | 20 57 | 5 59 | 15 22 | 2 57 |
| M13 | 23 5 | 15 29 | 4 23 | 22 25 | 0s 6 | 11 6 | 2 26 | 8 0 | 2 25 | 20 18 | 0 45 | 0s 1 | 2 8 | 13 0 | 0 44 | 10 3 | 0 31 | 20 0 | 1 45 | 21 6 | 20 56 | 5 57 | 15 21 | 2 57 |
| T 14 | 23 9 | 11 59 | 4 54 | 22 43 | 0 12 | 11 26 | 2 28 | 7 53 | 2 27 | 20 20 | 0 45 | 0 2 | 2 9 | 12 59 | 0 44 | 10 3 | 0 31 | 20 0 | 1 45 | 21 5 | 20 55 | 5 54 | 15 20 | 2 57 |
| W15 | 23 12 | 8 4 | 5 11 | 23 0 | 0 19 | 11 47 | 2 29 | 7 45 | 2 28 | 20 22 | 0 45 | 0 3 | 2 9 | 12 58 | 0 44 | 10 3 | 0 31 | 20 0 | 1 45 | 21 5 | 20 55 | 5 52 | 15 20 | 2 57 |
| T 16 | 23 15 | 3 52 | 5 15 | 23 16 | 0 26 | 12 7 | 2 30 | 7 38 | 2 30 | 20 25 | 0 45 | 0 4 | 2 9 | 12 58 | 0 44 | 10 3 | 0 31 | 20 1 | 1 45 | 21 4 | 20 54 | 5 50 | 15 19 | 2 57 |
| F 17 | 23 18 | 0s29 | 5 5 | 23 30 | 0 32 | 12 28 | 2 31 | 7 31 | 2 31 | 20 27 | 0 44 | 0 5 | 2 9 | 12 57 | 0 44 | 10 3 | 0 31 | 20 1 | 1 45 | 21 4 | 20 54 | 5 47 | 15 18 | 2 57 |
| S 18 | 23 20 | 4 51 | 4 43 | 23 43 | 0 39 | 12 48 | 2 32 | 7 24 | 2 33 | 20 29 | 0 44 | 0 6 | 2 10 | 12 56 | 0 44 | 10 3 | 0 31 | 20 1 | 1 45 | 21 4 | 20 53 | 5 45 | 15 18 | 2 57 |
| S 19 | 23 21 | 9 5 | 4 7 | 23 55 | 0 45 | 13 8 | 2 32 | 7 18 | 2 34 | 20 32 | 0 44 | 0 7 | 2 10 | 12 55 | 0 44 | 10 3 | 0 31 | 20 1 | 1 45 | 21 4 | 20 53 | 5 43 | 15 17 | 2 57 |
| M20 | 23 22 | 13 2 | 3 19 | 24 6 | 0 51 | 13 28 | 2 33 | 7 11 | 2 36 | 20 34 | 0 44 | 0 8 | 2 10 | 12 55 | 0 44 | 10 4 | 0 31 | 20 1 | 1 45 | 21 5 | 20 52 | 5 40 | 15 17 | 2 57 |
| T 21 | 23 23 | 16 31 | 2 21 | 24 16 | 0 57 | 13 48 | 2 33 | 7 5 | 2 37 | 20 36 | 0 44 | 0 9 | 2 10 | 12 54 | 0 44 | 10 4 | 0 31 | 20 2 | 1 45 | 21 5 | 20 51 | 5 38 | 15 16 | 2 57 |
| W22 | 23 23 | 19 16 | 1 14 | 24 24 | 1 3 | 14 7 | 2 33 | 6 58 | 2 39 | 20 38 | 0 44 | 0 10 | 2 11 | 12 53 | 0 44 | 10 4 | 0 31 | 20 2 | 1 45 | 21 5 | 20 51 | 5 35 | 15 16 | 2 56 |
| T 23 | 23 23 | 21 4 | 0 1 | 24 31 | 1 9 | 14 26 | 2 34 | 6 52 | 2 40 | 20 40 | 0 44 | 0 10 | 2 11 | 12 52 | 0 44 | 10 4 | 0 31 | 20 2 | 1 45 | 21 5 | 20 50 | 5 33 | 15 15 | 2 56 |
| F 24 | 23 22 | 21 40 | 1n14 | 24 37 | 1 14 | 14 45 | 2 34 | 6 46 | 2 42 | 20 42 | 0 44 | 0 11 | 2 11 | 12 51 | 0 44 | 10 4 | 0 31 | 20 2 | 1 45 | 21 5 | 20 50 | 5 31 | 15 14 | 2 56 |
| S 25 | 23 20 | 20 55 | 2 27 | 24 41 | 1 19 | 15 4 | 2 33 | 6 41 | 2 43 | 20 45 | 0 44 | 0 12 | 2 12 | 12 51 | 0 44 | 10 5 | 0 31 | 20 2 | 1 45 | 21 5 | 20 49 | 5 28 | 15 14 | 2 56 |
| S 26 | 23 19 | 18 46 | 3 31 | 24 45 | 1 24 | 15 23 | 2 33 | 6 35 | 2 45 | 20 47 | 0 44 | 0 12 | 2 12 | 12 50 | 0 44 | 10 5 | 0 31 | 20 3 | 1 45 | 21 4 | 20 48 | 5 26 | 15 13 | 2 56 |
| M27 | 23 16 | 15 24 | 4 22 | 24 46 | 1 29 | 15 41 | 2 33 | 6 30 | 2 47 | 20 49 | 0 44 | 0 13 | 2 12 | 12 49 | 0 44 | 10 5 | 0 31 | 20 3 | 1 45 | 21 3 | 20 48 | 5 23 | 15 13 | 2 56 |
| T 28 | 23 14 | 11 5 | 4 57 | 24 47 | 1 34 | 15 59 | 2 32 | 6 25 | 2 48 | 20 51 | 0 44 | 0 13 | 2 12 | 12 48 | 0 44 | 10 5 | 0 31 | 20 3 | 1 45 | 21 2 | 20 47 | 5 21 | 15 12 | 2 56 |
| W29 | 23 11 | 6 7 | 5 11 | 24 46 | 1 38 | 16 17 | 2 32 | 6 20 | 2 50 | 20 53 | 0 44 | 0 14 | 2 13 | 12 47 | 0 44 | 10 6 | 0 31 | 20 3 | 1 45 | 21 2 | 20 47 | 5 19 | 15 12 | 2 56 |
| T 30 | 23 7 | 0 52 | 5 6 | 24 43 | 1 43 | 16 34 | 2 31 | 6 15 | 2 52 | 20 55 | 0 44 | 0 14 | 2 13 | 12 46 | 0 44 | 10 6 | 0 31 | 20 4 | 1 45 | 21 1 | 20 46 | 5 16 | 15 12 | 2 56 |
| F 31 | 23s 3 | 4n21 | 4n42 | 24s39 | 1s46 | 16s51 | 2n30 | 6n10 | 2n53 | 20s57 | 0n44 | 0s15 | 2n13 | 12s45 | 0s43 | 10n 6 | 0n31 | 20n 4 | 1s44 | 21s 1 | 20s45 | 5n14 | 15n11 | 2s56 |

Julian Day Number = 2605646.5, Delta T = 09m42s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'21, Lahiri = 29°45'22


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## JANUARY 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 43 4 | 10♑27'23 | 14♈ 7 | 13♑ 5 | 27♏32 | 21♍22 | 8♐43 | 5♎48 | 28♒14 | 5°R 4 | 20°R44 | 4°D36 | 3♐11 | 4♍ 5 | 21°R11 | S 1 |
| S 2 | 6 47 1 | 11°28'29 | 27°50 | 14°42 | 28°43 | 21°37 | 8°55 | 5°49 | 28°16 | 5♍ 4 | 20♋43 | 4♐37 | 3° 8 | 4°12 | 21♉ 9 | S 2 |
| M 3 | 6 50 57 | 12°29'36 | 11♉18 | 16°18 | 29°53 | 21°51 | 9° 7 | 5°50 | 28°19 | 5° 3 | 20°41 | 4°39 | 3° 5 | 4°18 | 21° 8 | M 3 |
| T 4 | 6 54 54 | 13°30'43 | 24°31 | 17°54 | 1♐ 4 | 22° 4 | 9°19 | 5°52 | 28°22 | 5° 2 | 20°40 | 4°40 | 3° 2 | 4°25 | 21° 6 | T 4 |
| W 5 | 6 58 50 | 14°31'49 | 7♊31 | 19°31 | 2°15 | 22°17 | 9°32 | 5°53 | 28°24 | 5° 1 | 20°39 | 4°R41 | 2°59 | 4°32 | 21° 4 | W 5 |
| T 6 | 7 2 47 | 15°32'56 | 20°19 | 21° 8 | 3°25 | 22°30 | 9°44 | 5°54 | 28°27 | 5° 0 | 20°38 | 4°39 | 2°55 | 4°38 | 21° 3 | T 6 |
| F 7 | 7 6 43 | 16°34'03 | 2♋55 | 22°46 | 4°36 | 22°42 | 9°56 | 5°55 | 28°30 | 4°59 | 20°36 | 4°36 | 2°52 | 4°45 | 21° 1 | F 7 |
| S 8 | 7 10 40 | 17°35'10 | 15°22 | 24°24 | 5°48 | 22°53 | 10° 7 | 5°56 | 28°33 | 4°58 | 20°35 | 4°30 | 2°49 | 4°52 | 21° 0 | S 8 |
| S 9 | 7 14 37 | 18°36'17 | 27°40 | 26° 1 | 6°59 | 23° 4 | 10°19 | 5°56 | 28°36 | 4°57 | 20°34 | 4°23 | 2°46 | 4°59 | 20°59 | S 9 |
| M10 | 7 18 33 | 19°37'24 | 9♌48 | 27°40 | 8°10 | 23°14 | 10°31 | 5°57 | 28°38 | 4°56 | 20°33 | 4°14 | 2°43 | 5° 5 | 20°57 | M10 |
| T 11 | 7 22 30 | 20°38'31 | 21°49 | 29°18 | 9°21 | 23°24 | 10°43 | 5°58 | 28°41 | 4°55 | 20°31 | 4° 5 | 2°40 | 5°12 | 20°56 | T 11 |
| W12 | 7 26 26 | 21°39'38 | 3♍44 | 0♒56 | 10°33 | 23°33 | 10°54 | 5°58 | 28°44 | 4°54 | 20°30 | 3°56 | 2°36 | 5°19 | 20°55 | W12 |
| T 13 | 7 30 23 | 22°40'45 | 15°36 | 2°35 | 11°44 | 23°41 | 11° 6 | 5°58 | 28°47 | 4°53 | 20°29 | 3°48 | 2°33 | 5°26 | 20°54 | T 13 |
| F 14 | 7 34 19 | 23°41'53 | 27°27 | 4°14 | 12°56 | 23°49 | 11°17 | 5°58 | 28°50 | 4°52 | 20°28 | 3°42 | 2°30 | 5°32 | 20°53 | F 14 |
| S 15 | 7 38 16 | 24°43'00 | 9♎22 | 5°52 | 14° 8 | 23°56 | 11°29 | 5°R58 | 28°53 | 4°50 | 20°26 | 3°39 | 2°27 | 5°39 | 20°52 | S 15 |
| S 16 | 7 42 12 | 25°44'08 | 21°25 | 7°31 | 15°20 | 24° 3 | 11°40 | 5°58 | 28°56 | 4°49 | 20°25 | 3°D37 | 2°24 | 5°46 | 20°51 | S 16 |
| M17 | 7 46 9 | 26°45'15 | 3♏41 | 9° 9 | 16°32 | 24° 9 | 11°51 | 5°58 | 28°59 | 4°48 | 20°24 | 3°37 | 2°21 | 5°52 | 20°50 | M17 |
| T 18 | 7 50 6 | 27°46'23 | 16°15 | 10°47 | 17°44 | 24°14 | 12° 2 | 5°58 | 29° 2 | 4°47 | 20°23 | 3°38 | 2°17 | 5°59 | 20°49 | T 18 |
| W19 | 7 54 2 | 28°47'31 | 29°12 | 12°25 | 18°56 | 24°18 | 12°14 | 5°58 | 29° 5 | 4°45 | 20°21 | 3°R39 | 2°14 | 6° 6 | 20°49 | W19 |
| T 20 | 7 57 59 | 29°48'38 | 12♐36 | 14° 2 | 20° 8 | 24°22 | 12°25 | 5°57 | 29° 8 | 4°44 | 20°20 | 3°39 | 2°11 | 6°13 | 20°48 | T 20 |
| F 21 | 8 1 55 | 0♒49'46 | 26°29 | 15°38 | 21°20 | 24°25 | 12°35 | 5°57 | 29°12 | 4°43 | 20°19 | 3°36 | 2° 8 | 6°19 | 20°47 | F 21 |
| S 22 | 8 5 52 | 1°50'53 | 10♑49 | 17°13 | 22°32 | 24°27 | 12°46 | 5°56 | 29°15 | 4°42 | 20°18 | 3°32 | 2° 5 | 6°26 | 20°47 | S 22 |
| S 23 | 8 9 48 | 2°52'01 | 25°34 | 18°47 | 23°44 | 24°29 | 12°57 | 5°55 | 29°18 | 4°40 | 20°16 | 3°24 | 2° 1 | 6°33 | 20°47 | S 23 |
| M24 | 8 13 45 | 3°53'07 | 10♒35 | 20°19 | 24°57 | 24°29 | 13° 8 | 5°54 | 29°21 | 4°39 | 20°15 | 3°15 | 1°58 | 6°39 | 20°46 | M24 |
| T 25 | 8 17 41 | 4°54'13 | 25°44 | 21°49 | 26° 9 | 24°R29 | 13°18 | 5°53 | 29°24 | 4°37 | 20°14 | 3° 5 | 1°55 | 6°46 | 20°46 | T 25 |
| W26 | 8 21 38 | 5°55'18 | 10♓50 | 23°16 | 27°22 | 24°29 | 13°29 | 5°52 | 29°28 | 4°36 | 20°13 | 2°56 | 1°52 | 6°53 | 20°46 | W26 |
| T 27 | 8 25 35 | 6°56'23 | 25°43 | 24°40 | 28°34 | 24°27 | 13°39 | 5°51 | 29°31 | 4°35 | 20°12 | 2°48 | 1°49 | 7° 0 | 20°45 | T 27 |
| F 28 | 8 29 31 | 7°57'27 | 10♈16 | 26° 0 | 29°47 | 24°25 | 13°49 | 5°49 | 29°34 | 4°33 | 20°10 | 2°42 | 1°46 | 7° 6 | 20°45 | F 28 |
| S 29 | 8 33 28 | 8°58'29 | 24°25 | 27°16 | 1♑ 0 | 24°22 | 14° 0 | 5°48 | 29°37 | 4°32 | 20° 9 | 2°39 | 1°42 | 7°13 | 20°D45 | S 29 |
| S 30 | 8 37 24 | 9°59'31 | 8♉10 | 28°28 | 2°12 | 24°18 | 14°10 | 5°46 | 29°41 | 4°30 | 20° 8 | 2°D38 | 1°39 | 7°20 | 20°45 | S 30 |
| M31 | 8 41 21 | 11♒ 0'32 | 21♉32 | 29♒33 | 3♑25 | 24♍13 | 14♐20 | 5♎45 | 29♒44 | 4♍29 | 20♋ 7 | 2♐39 | 1♐36 | 7♍27 | 20♉45 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s58 | 9n15 | 4n 1 | 24s34 | 1s50 | 17s 8 | 2n30 | 6n 6 | 2n55 | 20s59 | 0n44 | 0s15 | 2n14 | 12s44 | 0s43 | 10n 7 | 0n31 | 20n 4 | 1s44 | 21s 1 | 20s45 | 5n11 | 15n11 | 2s56 |
| S 2 | 22 53 | 13 35 | 3 7 | 24 27 | 1 53 | 17 24 | 2 29 | 6 1 | 2 57 | 21 0 | 0 44 | 0 15 | 2 14 | 12 44 | 0 43 | 10 7 | 0 31 | 20 4 | 1 44 | 21 1 | 20 44 | 5 9 | 15 10 | 2 56 |
| M 3 | 22 48 | 17 9 | 2 4 | 24 19 | 1 57 | 17 41 | 2 28 | 5 57 | 2 58 | 21 2 | 0 44 | 0 16 | 2 14 | 12 43 | 0 43 | 10 7 | 0 31 | 20 5 | 1 44 | 21 1 | 20 43 | 5 7 | 15 10 | 2 56 |
| T 4 | 22 42 | 19 45 | 0 55 | 24 10 | 1 59 | 17 56 | 2 26 | 5 54 | 3 0 | 21 4 | 0 44 | 0 16 | 2 14 | 12 42 | 0 43 | 10 8 | 0 31 | 20 5 | 1 44 | 21 1 | 20 43 | 5 4 | 15 10 | 2 56 |
| W 5 | 22 36 | 21 16 | 0s15 | 23 59 | 2 2 | 18 11 | 2 25 | 5 50 | 3 2 | 21 6 | 0 44 | 0 16 | 2 15 | 12 41 | 0 43 | 10 8 | 0 31 | 20 5 | 1 44 | 21 1 | 20 42 | 5 2 | 15 9 | 2 56 |
| T 6 | 22 29 | 21 38 | 1 24 | 23 46 | 2 4 | 18 26 | 2 24 | 5 47 | 3 3 | 21 8 | 0 44 | 0 16 | 2 15 | 12 40 | 0 43 | 10 8 | 0 31 | 20 5 | 1 44 | 21 1 | 20 42 | 5 0 | 15 9 | 2 56 |
| F 7 | 22 22 | 20 54 | 2 27 | 23 32 | 2 6 | 18 41 | 2 22 | 5 44 | 3 5 | 21 9 | 0 44 | 0 16 | 2 15 | 12 39 | 0 43 | 10 9 | 0 31 | 20 5 | 1 44 | 21 1 | 20 41 | 4 57 | 15 9 | 2 56 |
| S 8 | 22 14 | 19 9 | 3 22 | 23 16 | 2 7 | 18 55 | 2 21 | 5 41 | 3 7 | 21 11 | 0 44 | 0 16 | 2 16 | 12 38 | 0 43 | 10 9 | 0 31 | 20 6 | 1 44 | 21 0 | 20 40 | 4 55 | 15 8 | 2 56 |
| S 9 | 22 6 | 16 33 | 4 7 | 22 59 | 2 8 | 19 8 | 2 19 | 5 38 | 3 9 | 21 13 | 0 44 | 0 16 | 2 16 | 12 37 | 0 43 | 10 10 | 0 31 | 20 6 | 1 44 | 20 58 | 20 40 | 4 52 | 15 8 | 2 56 |
| M10 | 21 57 | 13 15 | 4 40 | 22 41 | 2 9 | 19 21 | 2 17 | 5 36 | 3 10 | 21 15 | 0 44 | 0 16 | 2 16 | 12 36 | 0 43 | 10 10 | 0 31 | 20 6 | 1 44 | 20 57 | 20 39 | 4 50 | 15 8 | 2 55 |
| T 11 | 21 48 | 9 28 | 5 0 | 22 21 | 2 9 | 19 34 | 2 16 | 5 33 | 3 12 | 21 16 | 0 44 | 0 16 | 2 16 | 12 35 | 0 43 | 10 10 | 0 31 | 20 6 | 1 44 | 20 55 | 20 39 | 4 48 | 15 8 | 2 55 |
| W12 | 21 39 | 5 20 | 5 7 | 22 0 | 2 9 | 19 46 | 2 14 | 5 31 | 3 14 | 21 18 | 0 44 | 0 16 | 2 17 | 12 34 | 0 43 | 10 11 | 0 31 | 20 7 | 1 44 | 20 53 | 20 38 | 4 45 | 15 7 | 2 55 |
| T 13 | 21 29 | 1 3 | 5 1 | 21 37 | 2 8 | 19 58 | 2 12 | 5 30 | 3 16 | 21 19 | 0 44 | 0 16 | 2 17 | 12 33 | 0 43 | 10 11 | 0 31 | 20 7 | 1 44 | 20 52 | 20 37 | 4 43 | 15 7 | 2 55 |
| F 14 | 21 19 | 3s18 | 4 41 | 21 12 | 2 7 | 20 9 | 2 10 | 5 28 | 3 18 | 21 21 | 0 44 | 0 16 | 2 17 | 12 32 | 0 43 | 10 12 | 0 31 | 20 7 | 1 44 | 20 51 | 20 37 | 4 40 | 15 7 | 2 55 |
| S 15 | 21 8 | 7 32 | 4 10 | 20 47 | 2 5 | 20 20 | 2 8 | 5 27 | 3 19 | 21 22 | 0 44 | 0 16 | 2 18 | 12 31 | 0 43 | 10 12 | 0 31 | 20 7 | 1 44 | 20 50 | 20 36 | 4 38 | 15 7 | 2 55 |
| S 16 | 20 57 | 11 32 | 3 27 | 20 19 | 2 3 | 20 30 | 2 5 | 5 26 | 3 21 | 21 24 | 0 44 | 0 15 | 2 18 | 12 29 | 0 43 | 10 13 | 0 31 | 20 8 | 1 44 | 20 50 | 20 35 | 4 36 | 15 7 | 2 55 |
| M17 | 20 45 | 15 7 | 2 34 | 19 51 | 2 0 | 20 40 | 2 3 | 5 26 | 3 23 | 21 25 | 0 44 | 0 15 | 2 18 | 12 28 | 0 43 | 10 13 | 0 32 | 20 8 | 1 44 | 20 50 | 20 35 | 4 33 | 15 7 | 2 55 |
| T 18 | 20 33 | 18 8 | 1 32 | 19 21 | 1 56 | 20 49 | 2 1 | 5 25 | 3 25 | 21 27 | 0 44 | 0 15 | 2 18 | 12 27 | 0 43 | 10 14 | 0 32 | 20 8 | 1 43 | 20 50 | 20 34 | 4 31 | 15 6 | 2 55 |
| W19 | 20 21 | 20 19 | 0 24 | 18 50 | 1 52 | 20 57 | 1 58 | 5 25 | 3 27 | 21 28 | 0 44 | 0 14 | 2 19 | 12 26 | 0 43 | 10 14 | 0 32 | 20 8 | 1 43 | 20 50 | 20 34 | 4 29 | 15 6 | 2 55 |
| T 20 | 20 9 | 21 28 | 0n48 | 18 17 | 1 47 | 21 5 | 1 56 | 5 25 | 3 28 | 21 30 | 0 44 | 0 14 | 2 19 | 12 25 | 0 43 | 10 15 | 0 32 | 20 9 | 1 43 | 20 50 | 20 33 | 4 26 | 15 6 | 2 55 |
| F 21 | 19 56 | 21 21 | 1 59 | 17 44 | 1 42 | 21 13 | 1 53 | 5 26 | 3 30 | 21 31 | 0 44 | 0 13 | 2 19 | 12 24 | 0 43 | 10 15 | 0 32 | 20 9 | 1 43 | 20 49 | 20 32 | 4 24 | 15 6 | 2 55 |
| S 22 | 19 42 | 19 52 | 3 5 | 17 9 | 1 36 | 21 20 | 1 51 | 5 27 | 3 32 | 21 33 | 0 44 | 0 13 | 2 19 | 12 23 | 0 43 | 10 16 | 0 32 | 20 9 | 1 43 | 20 49 | 20 32 | 4 21 | 15 6 | 2 54 |
| S 23 | 19 28 | 17 2 | 4 0 | 16 34 | 1 29 | 21 26 | 1 48 | 5 28 | 3 34 | 21 34 | 0 44 | 0 12 | 2 20 | 12 22 | 0 43 | 10 16 | 0 32 | 20 9 | 1 43 | 20 47 | 20 31 | 4 19 | 15 6 | 2 54 |
| M24 | 19 14 | 13 2 | 4 40 | 15 57 | 1 21 | 21 32 | 1 46 | 5 29 | 3 36 | 21 35 | 0 44 | 0 12 | 2 20 | 12 21 | 0 43 | 10 17 | 0 32 | 20 10 | 1 43 | 20 45 | 20 30 | 4 17 | 15 6 | 2 54 |
| T 25 | 19 0 | 8 11 | 5 1 | 15 20 | 1 12 | 21 37 | 1 43 | 5 31 | 3 37 | 21 36 | 0 44 | 0 11 | 2 20 | 12 19 | 0 43 | 10 17 | 0 32 | 20 10 | 1 43 | 20 44 | 20 30 | 4 14 | 15 6 | 2 54 |
| W26 | 18 45 | 2 51 | 5 1 | 14 43 | 1 3 | 21 41 | 1 40 | 5 33 | 3 39 | 21 38 | 0 44 | 0 10 | 2 21 | 12 18 | 0 43 | 10 18 | 0 32 | 20 10 | 1 43 | 20 42 | 20 29 | 4 12 | 15 6 | 2 54 |
| T 27 | 18 30 | 2n35 | 4 40 | 14 5 | 0 52 | 21 45 | 1 37 | 5 35 | 3 41 | 21 39 | 0 44 | 0 10 | 2 21 | 12 17 | 0 43 | 10 18 | 0 32 | 20 10 | 1 43 | 20 40 | 20 29 | 4 9 | 15 6 | 2 54 |
| F 28 | 18 14 | 7 45 | 4 1 | 13 28 | 0 41 | 21 48 | 1 35 | 5 37 | 3 43 | 21 40 | 0 45 | 0 9 | 2 21 | 12 16 | 0 43 | 10 19 | 0 32 | 20 11 | 1 43 | 20 39 | 20 28 | 4 7 | 15 6 | 2 54 |
| S 29 | 17 58 | 12 22 | 3 9 | 12 51 | 0 29 | 21 51 | 1 32 | 5 40 | 3 44 | 21 41 | 0 45 | 0 8 | 2 21 | 12 15 | 0 43 | 10 19 | 0 32 | 20 11 | 1 43 | 20 39 | 20 27 | 4 5 | 15 6 | 2 54 |
| S 30 | 17 42 | 16 11 | 2 6 | 12 14 | 0 16 | 21 53 | 1 29 | 5 43 | 3 46 | 21 42 | 0 45 | 0 7 | 2 22 | 12 14 | 0 43 | 10 20 | 0 32 | 20 11 | 1 43 | 20 38 | 20 27 | 4 2 | 15 6 | 2 54 |
| M31 | 17s26 | 19n 3 | 0n59 | 11s38 | 0s 2 | 21s55 | 1n26 | 5n47 | 3n48 | 21s44 | 0n45 | 0s 6 | 2n22 | 12s13 | 0s43 | 10n20 | 0n32 | 20n11 | 1s43 | 20s38 | 20s26 | 4n 0 | 15n 6 | 2s54 |

Julian Day Number = 2605677.5, Delta T = 09m42s
Ecliptic obliquity = 23°22'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'25, Lahiri = 29°45'26


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## FEBRUARY 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 17 | 12♒ 1'32 | 4♊34 | 0♓32 | 4♉38 | 24°R 8 | 14♐30 | 5°R43 | 29♒47 | 4°R27 | 20°R 6 | 2°R39 | 1♐33 | 7♍33 | 20♉45 | T 1 |
| W 2 | 8 49 14 | 13° 2'30 | 17°18 | 1°23 | 5°51 | 24♍ 2 | 14°39 | 5♎41 | 29°51 | 4♍26 | 20♋ 5 | 2♐38 | 1°30 | 7°40 | 20°46 | W 2 |
| T 3 | 8 53 10 | 14° 3'28 | 29°50 | 2° 6 | 7° 4 | 23°55 | 14°49 | 5°39 | 29°54 | 4°24 | 20° 3 | 2°35 | 1°27 | 7°47 | 20°46 | T 3 |
| F 4 | 8 57 7 | 15° 4'25 | 12♋10 | 2°40 | 8°16 | 23°47 | 14°59 | 5°37 | 29°58 | 4°22 | 20° 2 | 2°29 | 1°23 | 7°53 | 20°46 | F 4 |
| S 5 | 9 1 4 | 16° 5'20 | 24°22 | 3° 4 | 9°29 | 23°38 | 15° 8 | 5°35 | 0♓ 1 | 4°21 | 20° 1 | 2°19 | 1°20 | 8° 0 | 20°47 | S 5 |
| S 6 | 9 5 0 | 17° 6'15 | 6♌28 | 3°17 | 10°42 | 23°29 | 15°17 | 5°33 | 0° 4 | 4°19 | 20° 0 | 2° 8 | 1°17 | 8° 7 | 20°47 | S 6 |
| M 7 | 9 8 57 | 18° 7'08 | 18°28 | 3°R20 | 11°55 | 23°19 | 15°27 | 5°30 | 0° 8 | 4°18 | 19°59 | 1°54 | 1°14 | 8°14 | 20°48 | M 7 |
| T 8 | 9 12 53 | 19° 8'00 | 0♍24 | 3°11 | 13° 8 | 23° 8 | 15°36 | 5°28 | 0°11 | 4°16 | 19°58 | 1°39 | 1°11 | 8°20 | 20°48 | T 8 |
| W 9 | 9 16 50 | 20° 8'52 | 12°17 | 2°51 | 14°22 | 22°56 | 15°45 | 5°25 | 0°15 | 4°15 | 19°57 | 1°25 | 1° 7 | 8°27 | 20°49 | W 9 |
| T 10 | 9 20 46 | 21° 9'42 | 24° 9 | 2°21 | 15°35 | 22°44 | 15°54 | 5°23 | 0°18 | 4°13 | 19°56 | 1°12 | 1° 4 | 8°34 | 20°50 | T 10 |
| F 11 | 9 24 43 | 22°10'32 | 6♎ 1 | 1°40 | 16°48 | 22°31 | 16° 2 | 5°20 | 0°21 | 4°11 | 19°55 | 1° 2 | 1° 1 | 8°41 | 20°50 | F 11 |
| S 12 | 9 28 39 | 23°11'20 | 17°56 | 0°50 | 18° 1 | 22°17 | 16°11 | 5°17 | 0°25 | 4°10 | 19°54 | 0°55 | 0°58 | 8°47 | 20°51 | S 12 |
| S 13 | 9 32 36 | 24°12'08 | 29°59 | 29♒52 | 19°14 | 22° 2 | 16°20 | 5°14 | 0°28 | 4° 8 | 19°53 | 0°50 | 0°55 | 8°54 | 20°52 | S 13 |
| M14 | 9 36 33 | 25°12'55 | 12♏12 | 28°47 | 20°28 | 21°46 | 16°28 | 5°11 | 0°32 | 4° 6 | 19°52 | 0°48 | 0°52 | 9° 1 | 20°53 | M14 |
| T 15 | 9 40 29 | 26°13'41 | 24°41 | 27°39 | 21°41 | 21°30 | 16°36 | 5° 8 | 0°35 | 4° 5 | 19°51 | 0°48 | 0°48 | 9° 7 | 20°54 | T 15 |
| W16 | 9 44 26 | 27°14'25 | 7♐32 | 26°28 | 22°54 | 21°13 | 16°44 | 5° 5 | 0°39 | 4° 3 | 19°50 | 0°48 | 0°45 | 9°14 | 20°55 | W16 |
| T 17 | 9 48 22 | 28°15'09 | 20°47 | 25°16 | 24° 8 | 20°56 | 16°52 | 5° 2 | 0°42 | 4° 1 | 19°49 | 0°47 | 0°42 | 9°21 | 20°56 | T 17 |
| F 18 | 9 52 19 | 29°15'52 | 4♑32 | 24° 7 | 25°21 | 20°38 | 17° 0 | 4°58 | 0°46 | 4° 0 | 19°48 | 0°44 | 0°39 | 9°28 | 20°58 | F 18 |
| S 19 | 9 56 15 | 0♓16'34 | 18°47 | 23° 0 | 26°35 | 20°19 | 17° 8 | 4°55 | 0°49 | 3°58 | 19°47 | 0°38 | 0°36 | 9°34 | 20°59 | S 19 |
| S 20 | 10 0 12 | 1°17'15 | 3♒30 | 21°58 | 27°48 | 19°59 | 17°16 | 4°51 | 0°53 | 3°56 | 19°46 | 0°30 | 0°33 | 9°41 | 21° 0 | S 20 |
| M21 | 10 4 8 | 2°17'55 | 18°36 | 21° 2 | 29° 2 | 19°39 | 17°23 | 4°48 | 0°56 | 3°55 | 19°45 | 0°19 | 0°29 | 9°48 | 21° 2 | M21 |
| T 22 | 10 8 5 | 3°18'33 | 3♓55 | 20°12 | 0♒15 | 19°19 | 17°30 | 4°44 | 1° 0 | 3°53 | 19°44 | 0° 7 | 0°26 | 9°54 | 21° 3 | T 22 |
| W23 | 10 12 2 | 4°19'09 | 19°16 | 19°30 | 1°29 | 18°58 | 17°38 | 4°40 | 1° 3 | 3°51 | 19°43 | 29♏56 | 0°23 | 10° 1 | 21° 5 | W23 |
| T 24 | 10 15 58 | 5°19'44 | 4♈27 | 18°56 | 2°42 | 18°36 | 17°45 | 4°37 | 1° 6 | 3°50 | 19°42 | 29°46 | 0°20 | 10° 8 | 21° 6 | T 24 |
| F 25 | 10 19 55 | 6°20'18 | 19°17 | 18°29 | 3°56 | 18°15 | 17°52 | 4°33 | 1°10 | 3°48 | 19°42 | 29°39 | 0°17 | 10°15 | 21° 8 | F 25 |
| S 26 | 10 23 51 | 7°20'49 | 3♉42 | 18°10 | 5° 9 | 17°52 | 17°58 | 4°29 | 1°13 | 3°46 | 19°41 | 29°35 | 0°13 | 10°21 | 21°10 | S 26 |
| S 27 | 10 27 48 | 8°21'19 | 17°38 | 17°58 | 6°23 | 17°30 | 18° 5 | 4°25 | 1°17 | 3°45 | 19°40 | 29°33 | 0°10 | 10°28 | 21°12 | S 27 |
| M28 | 10 31 44 | 9♓21'48 | 1♊ 6 | 17°D54 | 7♒37 | 17♍ 7 | 18♐12 | 4♎21 | 1♓20 | 3♍43 | 19♋39 | 29°D32 | 0♐ 7 | 10♍35 | 21♉13 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 17s 9 | 20n50 | 0s10 | 11s 4 | 0n13 | 21s55 | 1n23 | 5n50 | 3n49 | 21s45 | 0n45 | 0s 5 | 2n22 | 12s11 | 0s43 | 10n21 | 0n32 | 20n12 | 1s42 | 20s38 | 20s25 | 3n58 | 15n 7 | 2s54 | T 1 |
| W 2 | 16 52 | 21 30 | 1 17 | 10 31 | 0 28 | 21 56 | 1 20 | 5 54 | 3 51 | 21 46 | 0 45 | 0 4 | 2 22 | 12 10 | 0 43 | 10 22 | 0 32 | 20 12 | 1 42 | 20 38 | 20 25 | 3 55 | 15 7 | 2 53 | W 2 |
| T 3 | 16 34 | 21 4 | 2 19 | 10 1 | 0 44 | 21 55 | 1 17 | 5 58 | 3 53 | 21 47 | 0 45 | 0 3 | 2 23 | 12 9 | 0 43 | 10 22 | 0 32 | 20 12 | 1 42 | 20 38 | 20 24 | 3 53 | 15 7 | 2 53 | T 3 |
| F 4 | 16 17 | 19 37 | 3 13 | 9 33 | 1 1 | 21 54 | 1 14 | 6 3 | 3 54 | 21 48 | 0 45 | 0 2 | 2 23 | 12 8 | 0 43 | 10 23 | 0 32 | 20 12 | 1 42 | 20 36 | 20 23 | 3 50 | 15 7 | 2 53 | F 4 |
| S 5 | 15 59 | 17 18 | 3 58 | 9 9 | 1 18 | 21 52 | 1 10 | 6 8 | 3 56 | 21 49 | 0 45 | 0 1 | 2 23 | 12 7 | 0 43 | 10 23 | 0 32 | 20 13 | 1 42 | 20 35 | 20 23 | 3 48 | 15 7 | 2 53 | S 5 |
| S 6 | 15 40 | 14 14 | 4 31 | 8 48 | 1 35 | 21 50 | 1 7 | 6 13 | 3 57 | 21 50 | 0 45 | 0n 0 | 2 23 | 12 5 | 0 43 | 10 24 | 0 32 | 20 13 | 1 42 | 20 32 | 20 22 | 3 46 | 15 7 | 2 53 | S 6 |
| M 7 | 15 22 | 10 37 | 4 52 | 8 31 | 1 53 | 21 47 | 1 4 | 6 18 | 3 59 | 21 51 | 0 45 | 0 1 | 2 24 | 12 4 | 0 43 | 10 24 | 0 32 | 20 13 | 1 42 | 20 30 | 20 21 | 3 43 | 15 8 | 2 53 | M 7 |
| T 8 | 15 3 | 6 37 | 5 0 | 8 18 | 2 10 | 21 43 | 1 1 | 6 24 | 4 0 | 21 52 | 0 45 | 0 2 | 2 24 | 12 3 | 0 43 | 10 25 | 0 32 | 20 13 | 1 42 | 20 27 | 20 21 | 3 41 | 15 8 | 2 53 | T 8 |
| W 9 | 14 44 | 2 23 | 4 55 | 8 9 | 2 26 | 21 39 | 0 58 | 6 30 | 4 2 | 21 53 | 0 45 | 0 4 | 2 24 | 12 2 | 0 43 | 10 26 | 0 32 | 20 14 | 1 42 | 20 24 | 20 20 | 3 39 | 15 8 | 2 53 | W 9 |
| T 10 | 14 25 | 1s55 | 4 37 | 8 6 | 2 42 | 21 34 | 0 55 | 6 36 | 4 3 | 21 54 | 0 45 | 0 5 | 2 24 | 12 1 | 0 43 | 10 26 | 0 32 | 20 14 | 1 42 | 20 21 | 20 20 | 3 36 | 15 9 | 2 53 | T 10 |
| F 11 | 14 5 | 6 10 | 4 7 | 8 7 | 2 56 | 21 29 | 0 51 | 6 42 | 4 4 | 21 54 | 0 45 | 0 6 | 2 25 | 11 59 | 0 43 | 10 27 | 0 32 | 20 14 | 1 42 | 20 19 | 20 19 | 3 34 | 15 9 | 2 53 | F 11 |
| S 12 | 13 45 | 10 11 | 3 26 | 8 13 | 3 9 | 21 23 | 0 48 | 6 49 | 4 6 | 21 55 | 0 45 | 0 7 | 2 25 | 11 58 | 0 43 | 10 27 | 0 32 | 20 14 | 1 42 | 20 18 | 20 18 | 3 31 | 15 9 | 2 52 | S 12 |
| S 13 | 13 25 | 13 51 | 2 35 | 8 23 | 3 20 | 21 16 | 0 45 | 6 56 | 4 7 | 21 56 | 0 45 | 0 9 | 2 25 | 11 57 | 0 43 | 10 28 | 0 32 | 20 15 | 1 41 | 20 17 | 20 18 | 3 29 | 15 9 | 2 52 | S 13 |
| M14 | 13 5 | 17 0 | 1 37 | 8 36 | 3 29 | 21 8 | 0 42 | 7 3 | 4 8 | 21 57 | 0 45 | 0 10 | 2 25 | 11 56 | 0 43 | 10 29 | 0 32 | 20 15 | 1 41 | 20 16 | 20 17 | 3 27 | 15 10 | 2 52 | M14 |
| T 15 | 12 45 | 19 25 | 0 32 | 8 54 | 3 35 | 21 0 | 0 39 | 7 10 | 4 9 | 21 58 | 0 45 | 0 12 | 2 26 | 11 54 | 0 43 | 10 29 | 0 32 | 20 15 | 1 41 | 20 16 | 20 16 | 3 24 | 15 10 | 2 52 | T 15 |
| W16 | 12 24 | 20 56 | 0n36 | 9 14 | 3 39 | 20 52 | 0 35 | 7 18 | 4 10 | 21 59 | 0 45 | 0 13 | 2 26 | 11 53 | 0 43 | 10 30 | 0 32 | 20 15 | 1 41 | 20 16 | 20 16 | 3 22 | 15 11 | 2 52 | W16 |
| T 17 | 12 3 | 21 21 | 1 44 | 9 36 | 3 41 | 20 43 | 0 32 | 7 26 | 4 11 | 21 59 | 0 45 | 0 15 | 2 26 | 11 52 | 0 43 | 10 31 | 0 32 | 20 15 | 1 41 | 20 16 | 20 15 | 3 20 | 15 11 | 2 52 | T 17 |
| F 18 | 11 42 | 20 30 | 2 48 | 9 59 | 3 40 | 20 33 | 0 29 | 7 34 | 4 12 | 22 0 | 0 45 | 0 16 | 2 26 | 11 51 | 0 43 | 10 31 | 0 32 | 20 16 | 1 41 | 20 15 | 20 14 | 3 17 | 15 11 | 2 52 | F 18 |
| S 19 | 11 21 | 18 22 | 3 44 | 10 24 | 3 37 | 20 22 | 0 26 | 7 42 | 4 12 | 22 1 | 0 45 | 0 18 | 2 26 | 11 50 | 0 43 | 10 32 | 0 32 | 20 16 | 1 41 | 20 14 | 20 14 | 3 15 | 15 12 | 2 52 | S 19 |
| S 20 | 10 59 | 14 59 | 4 28 | 10 48 | 3 32 | 20 11 | 0 22 | 7 50 | 4 13 | 22 1 | 0 45 | 0 19 | 2 27 | 11 48 | 0 43 | 10 32 | 0 32 | 20 16 | 1 41 | 20 12 | 20 13 | 3 13 | 15 12 | 2 52 | S 20 |
| M21 | 10 38 | 10 33 | 4 54 | 11 12 | 3 25 | 19 59 | 0 19 | 7 58 | 4 14 | 22 2 | 0 45 | 0 21 | 2 27 | 11 47 | 0 43 | 10 33 | 0 32 | 20 16 | 1 41 | 20 10 | 20 12 | 3 10 | 15 13 | 2 52 | M21 |
| T 22 | 10 16 | 5 24 | 4 59 | 11 36 | 3 17 | 19 47 | 0 16 | 8 7 | 4 14 | 22 3 | 0 45 | 0 22 | 2 27 | 11 46 | 0 43 | 10 34 | 0 32 | 20 16 | 1 41 | 20 8 | 20 12 | 3 8 | 15 13 | 2 52 | T 22 |
| W23 | 9 54 | 0n 7 | 4 43 | 11 58 | 3 7 | 19 34 | 0 13 | 8 16 | 4 15 | 22 3 | 0 45 | 0 24 | 2 27 | 11 45 | 0 43 | 10 34 | 0 32 | 20 17 | 1 41 | 20 5 | 20 11 | 3 5 | 15 14 | 2 51 | W23 |
| T 24 | 9 32 | 5 33 | 4 7 | 12 19 | 2 56 | 19 21 | 0 10 | 8 24 | 4 15 | 22 4 | 0 46 | 0 26 | 2 27 | 11 43 | 0 43 | 10 35 | 0 32 | 20 17 | 1 41 | 20 3 | 20 10 | 3 3 | 15 14 | 2 51 | T 24 |
| F 25 | 9 10 | 10 33 | 3 15 | 12 38 | 2 45 | 19 7 | 0 7 | 8 33 | 4 15 | 22 4 | 0 46 | 0 27 | 2 28 | 11 42 | 0 43 | 10 36 | 0 32 | 20 17 | 1 40 | 20 2 | 20 10 | 3 1 | 15 15 | 2 51 | F 25 |
| S 26 | 8 48 | 14 47 | 2 12 | 12 56 | 2 32 | 18 53 | 0 4 | 8 42 | 4 15 | 22 5 | 0 46 | 0 29 | 2 28 | 11 41 | 0 43 | 10 36 | 0 32 | 20 17 | 1 40 | 20 1 | 20 9 | 2 58 | 15 15 | 2 51 | S 26 |
| S 27 | 8 25 | 18 3 | 1 3 | 13 12 | 2 20 | 18 38 | 0 1 | 8 51 | 4 15 | 22 6 | 0 46 | 0 31 | 2 28 | 11 40 | 0 43 | 10 37 | 0 32 | 20 18 | 1 40 | 20 0 | 20 8 | 2 56 | 15 16 | 2 51 | S 27 |
| M28 | 8s 2 | 20n12 | 0s 8 | 13s25 | 2n 7 | 18s22 | 0s 3 | 9n 0 | 4n15 | 22s 6 | 0n46 | 0n33 | 2n28 | 11s39 | 0s43 | 10n37 | 0n32 | 20n18 | 1s40 | 20s 0 | 20s 8 | 2n54 | 15n16 | 2s51 | M28 |

Julian Day Number = 2605708.5, Delta T = 09m43s
Ecliptic obliquity = 23°22'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'29, Lahiri = 29°45'31


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## MARCH 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 41 | 10♓22'14 | 14♊ 9 | 17♒56 | 8♒50 | 16°R44 | 18♐18 | 4°R17 | 1♓24 | 3°R41 | 19°R39 | 29°R32 | 0♐ 4 | 10♍41 | 21♉15 | T 1 |
| W 2 | 10 39 37 | 11°22'38 | 26°51 | 18° 5 | 10° 4 | 16♍20 | 18°24 | 4♎13 | 1°27 | 3♍40 | 19♋38 | 29♏31 | 0° 1 | 10°48 | 21°17 | W 2 |
| T 3 | 10 43 34 | 12°23'01 | 9♋15 | 18°20 | 11°17 | 15°57 | 18°30 | 4° 9 | 1°31 | 3°38 | 19°37 | 29°29 | 29♏58 | 10°55 | 21°19 | T 3 |
| F 4 | 10 47 30 | 13°23'21 | 21°27 | 18°41 | 12°31 | 15°33 | 18°36 | 4° 4 | 1°34 | 3°36 | 19°36 | 29°23 | 29°54 | 11° 2 | 21°21 | F 4 |
| S 5 | 10 51 27 | 14°23'40 | 3♌31 | 19° 7 | 13°45 | 15° 9 | 18°42 | 4° 0 | 1°37 | 3°35 | 19°36 | 29°15 | 29°51 | 11° 8 | 21°23 | S 5 |
| S 6 | 10 55 24 | 15°23'57 | 15°28 | 19°38 | 14°58 | 14°45 | 18°47 | 3°56 | 1°41 | 3°33 | 19°35 | 29° 3 | 29°48 | 11°15 | 21°26 | S 6 |
| M 7 | 10 59 20 | 16°24'12 | 27°22 | 20°14 | 16°12 | 14°22 | 18°53 | 3°51 | 1°44 | 3°31 | 19°35 | 28°51 | 29°45 | 11°22 | 21°28 | M 7 |
| T 8 | 11 3 17 | 17°24'25 | 9♍15 | 20°54 | 17°26 | 13°58 | 18°58 | 3°47 | 1°48 | 3°30 | 19°34 | 28°37 | 29°42 | 11°29 | 21°30 | T 8 |
| W 9 | 11 7 13 | 18°24'36 | 21° 7 | 21°38 | 18°40 | 13°34 | 19° 3 | 3°42 | 1°51 | 3°28 | 19°33 | 28°23 | 29°38 | 11°35 | 21°32 | W 9 |
| T 10 | 11 11 10 | 19°24'45 | 3♎ 1 | 22°25 | 19°53 | 13°11 | 19° 8 | 3°38 | 1°54 | 3°26 | 19°33 | 28°11 | 29°35 | 11°42 | 21°35 | T 10 |
| F 11 | 11 15 6 | 20°24'53 | 14°58 | 23°16 | 21° 7 | 12°47 | 19°12 | 3°33 | 1°58 | 3°25 | 19°32 | 28° 1 | 29°32 | 11°49 | 21°37 | F 11 |
| S 12 | 11 19 3 | 21°24'59 | 26°58 | 24°11 | 22°21 | 12°24 | 19°17 | 3°29 | 2° 1 | 3°23 | 19°32 | 27°54 | 29°29 | 11°55 | 21°40 | S 12 |
| S 13 | 11 22 59 | 22°25'04 | 9♏ 6 | 25° 8 | 23°35 | 12° 1 | 19°21 | 3°24 | 2° 4 | 3°22 | 19°31 | 27°50 | 29°26 | 12° 2 | 21°42 | S 13 |
| M14 | 11 26 56 | 23°25'07 | 21°24 | 26° 8 | 24°48 | 11°39 | 19°26 | 3°20 | 2° 8 | 3°20 | 19°31 | 27°48 | 29°23 | 12° 9 | 21°45 | M14 |
| T 15 | 11 30 53 | 24°25'08 | 3♐55 | 27°10 | 26° 2 | 11°17 | 19°30 | 3°15 | 2°11 | 3°19 | 19°30 | 27°D48 | 29°19 | 12°16 | 21°48 | T 15 |
| W16 | 11 34 49 | 25°25'08 | 16°44 | 28°15 | 27°16 | 10°55 | 19°34 | 3°10 | 2°14 | 3°17 | 19°30 | 27°49 | 29°16 | 12°22 | 21°50 | W16 |
| T 17 | 11 38 46 | 26°25'06 | 29°54 | 29°23 | 28°30 | 10°33 | 19°37 | 3° 6 | 2°17 | 3°16 | 19°30 | 27°R49 | 29°13 | 12°29 | 21°53 | T 17 |
| F 18 | 11 42 42 | 27°25'02 | 13♑30 | 0♓32 | 29°44 | 10°12 | 19°41 | 3° 1 | 2°21 | 3°14 | 19°29 | 27°48 | 29°10 | 12°36 | 21°56 | F 18 |
| S 19 | 11 46 39 | 28°24'57 | 27°33 | 1°44 | 0♓57 | 9°52 | 19°44 | 2°56 | 2°24 | 3°13 | 19°29 | 27°44 | 29° 7 | 12°42 | 21°59 | S 19 |
| S 20 | 11 50 35 | 29°24'51 | 12♒ 2 | 2°57 | 2°11 | 9°32 | 19°47 | 2°51 | 2°27 | 3°11 | 19°29 | 27°39 | 29° 4 | 12°49 | 22° 2 | S 20 |
| M21 | 11 54 32 | 0♈24'42 | 26°55 | 4°12 | 3°25 | 9°13 | 19°50 | 2°47 | 2°30 | 3°10 | 19°28 | 27°31 | 29° 0 | 12°56 | 22° 4 | M21 |
| T 22 | 11 58 28 | 1°24'32 | 12♓ 4 | 5°29 | 4°39 | 8°54 | 19°53 | 2°42 | 2°33 | 3° 8 | 19°28 | 27°22 | 28°57 | 13° 3 | 22° 7 | T 22 |
| W23 | 12 2 25 | 2°24'20 | 27°20 | 6°48 | 5°53 | 8°36 | 19°56 | 2°37 | 2°36 | 3° 7 | 19°28 | 27°14 | 28°54 | 13° 9 | 22°10 | W23 |
| T 24 | 12 6 22 | 3°24'06 | 12♈32 | 8° 9 | 7° 7 | 8°18 | 19°58 | 2°32 | 2°40 | 3° 5 | 19°27 | 27° 6 | 28°51 | 13°16 | 22°13 | T 24 |
| F 25 | 12 10 18 | 4°23'50 | 27°28 | 9°31 | 8°20 | 8° 1 | 20° 1 | 2°28 | 2°43 | 3° 4 | 19°27 | 27° 1 | 28°48 | 13°23 | 22°17 | F 25 |
| S 26 | 12 14 15 | 5°23'32 | 12♉ 2 | 10°54 | 9°34 | 7°45 | 20° 3 | 2°23 | 2°46 | 3° 2 | 19°27 | 26°57 | 28°44 | 13°29 | 22°20 | S 26 |
| S 27 | 12 18 11 | 6°23'12 | 26° 9 | 12°20 | 10°48 | 7°30 | 20° 5 | 2°18 | 2°49 | 3° 1 | 19°27 | 26°D56 | 28°41 | 13°36 | 22°23 | S 27 |
| M28 | 12 22 8 | 7°22'49 | 9♊46 | 13°46 | 12° 2 | 7°15 | 20° 6 | 2°13 | 2°52 | 3° 0 | 19°27 | 26°57 | 28°38 | 13°43 | 22°26 | M28 |
| T 29 | 12 26 4 | 8°22'25 | 22°57 | 15°14 | 13°16 | 7° 1 | 20° 8 | 2° 9 | 2°55 | 2°58 | 19°27 | 26°58 | 28°35 | 13°50 | 22°29 | T 29 |
| W30 | 12 30 1 | 9°21'58 | 5♋43 | 16°44 | 14°30 | 6°48 | 20° 9 | 2° 4 | 2°58 | 2°57 | 19°26 | 26°R59 | 28°32 | 13°56 | 22°33 | W30 |
| T 31 | 12 33 57 | 10♈21'29 | 18♋10 | 18♓15 | 15♓44 | 6♍35 | 20♐11 | 1♎59 | 3♓ 1 | 2♍56 | 19♋26 | 26♏59 | 28♏29 | 14♍ 3 | 22♉36 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s40 | 21n11 | 1s17 | 13s37 | 1n53 | 18s 6 | 0s 6 | 9n 9 | 4n15 | 22s 7 | 0n46 | 0n34 | 2n28 | 11s37 | 0s43 | 10n38 | 0n32 | 20n18 | 1s40 | 20s 0 | 20s 7 | 2n51 | 15n17 | 2s51 |
| W 2 | 7 17 | 21 2 | 2 19 | 13 47 | 1 40 | 17 49 | 0 9 | 9 17 | 4 15 | 22 7 | 0 46 | 0 36 | 2 29 | 11 36 | 0 43 | 10 39 | 0 32 | 20 18 | 1 40 | 20 0 | 20 6 | 2 49 | 15 17 | 2 51 |
| T 3 | 6 54 | 19 51 | 3 14 | 13 55 | 1 27 | 17 32 | 0 12 | 9 26 | 4 14 | 22 7 | 0 46 | 0 38 | 2 29 | 11 35 | 0 43 | 10 39 | 0 32 | 20 18 | 1 40 | 19 59 | 20 6 | 2 47 | 15 18 | 2 51 |
| F 4 | 6 31 | 17 45 | 3 58 | 14 1 | 1 14 | 17 14 | 0 14 | 9 35 | 4 14 | 22 8 | 0 46 | 0 40 | 2 29 | 11 34 | 0 43 | 10 40 | 0 32 | 20 18 | 1 40 | 19 58 | 20 5 | 2 44 | 15 19 | 2 51 |
| S 5 | 6 8 | 14 55 | 4 31 | 14 5 | 1 1 | 16 56 | 0 17 | 9 44 | 4 13 | 22 8 | 0 46 | 0 42 | 2 29 | 11 32 | 0 43 | 10 40 | 0 32 | 20 19 | 1 40 | 19 56 | 20 4 | 2 42 | 15 19 | 2 51 |
| S 6 | 5 45 | 11 30 | 4 52 | 14 7 | 0 49 | 16 38 | 0 20 | 9 52 | 4 13 | 22 9 | 0 46 | 0 43 | 2 29 | 11 31 | 0 43 | 10 41 | 0 32 | 20 19 | 1 40 | 19 54 | 20 4 | 2 39 | 15 20 | 2 50 |
| M 7 | 5 21 | 7 39 | 5 1 | 14 8 | 0 37 | 16 19 | 0 23 | 10 1 | 4 12 | 22 9 | 0 46 | 0 45 | 2 29 | 11 30 | 0 43 | 10 42 | 0 32 | 20 19 | 1 40 | 19 51 | 20 3 | 2 37 | 15 21 | 2 50 |
| T 8 | 4 58 | 3 31 | 4 56 | 14 6 | 0 25 | 15 59 | 0 26 | 10 9 | 4 11 | 22 10 | 0 46 | 0 47 | 2 29 | 11 29 | 0 43 | 10 42 | 0 32 | 20 19 | 1 39 | 19 48 | 20 2 | 2 35 | 15 21 | 2 50 |
| W 9 | 4 34 | 0s45 | 4 38 | 14 3 | 0 13 | 15 39 | 0 29 | 10 17 | 4 10 | 22 10 | 0 46 | 0 49 | 2 30 | 11 28 | 0 43 | 10 43 | 0 32 | 20 19 | 1 39 | 19 45 | 20 2 | 2 32 | 15 22 | 2 50 |
| T 10 | 4 11 | 4 59 | 4 8 | 13 59 | 0 2 | 15 19 | 0 31 | 10 25 | 4 9 | 22 10 | 0 46 | 0 51 | 2 30 | 11 26 | 0 43 | 10 43 | 0 32 | 20 20 | 1 39 | 19 43 | 20 1 | 2 30 | 15 23 | 2 50 |
| F 11 | 3 47 | 9 3 | 3 27 | 13 52 | 0s 9 | 14 58 | 0 34 | 10 33 | 4 8 | 22 11 | 0 46 | 0 53 | 2 30 | 11 25 | 0 43 | 10 44 | 0 32 | 20 20 | 1 39 | 19 40 | 20 0 | 2 28 | 15 23 | 2 50 |
| S 12 | 3 24 | 12 48 | 2 36 | 13 44 | 0 20 | 14 36 | 0 37 | 10 41 | 4 6 | 22 11 | 0 46 | 0 55 | 2 30 | 11 24 | 0 43 | 10 45 | 0 32 | 20 20 | 1 39 | 19 39 | 20 0 | 2 25 | 15 24 | 2 50 |
| S 13 | 3 0 | 16 2 | 1 38 | 13 35 | 0 30 | 14 15 | 0 39 | 10 49 | 4 5 | 22 11 | 0 46 | 0 57 | 2 30 | 11 23 | 0 43 | 10 45 | 0 32 | 20 20 | 1 39 | 19 38 | 19 59 | 2 23 | 15 25 | 2 50 |
| M14 | 2 36 | 18 37 | 0 34 | 13 24 | 0 39 | 13 53 | 0 42 | 10 56 | 4 4 | 22 11 | 0 46 | 0 59 | 2 30 | 11 22 | 0 43 | 10 46 | 0 32 | 20 20 | 1 39 | 19 37 | 19 58 | 2 21 | 15 25 | 2 50 |
| T 15 | 2 13 | 20 21 | 0n33 | 13 11 | 0 48 | 13 30 | 0 44 | 11 3 | 4 2 | 22 12 | 0 47 | 1 1 | 2 30 | 11 21 | 0 43 | 10 46 | 0 32 | 20 20 | 1 39 | 19 37 | 19 58 | 2 18 | 15 26 | 2 50 |
| W16 | 1 49 | 21 5 | 1 39 | 12 57 | 0 57 | 13 7 | 0 47 | 11 10 | 4 0 | 22 12 | 0 47 | 1 2 | 2 30 | 11 19 | 0 43 | 10 47 | 0 32 | 20 21 | 1 39 | 19 38 | 19 57 | 2 16 | 15 27 | 2 50 |
| T 17 | 1 25 | 20 40 | 2 43 | 12 41 | 1 6 | 12 44 | 0 49 | 11 16 | 3 59 | 22 12 | 0 47 | 1 4 | 2 30 | 11 18 | 0 43 | 10 47 | 0 32 | 20 21 | 1 39 | 19 38 | 19 56 | 2 14 | 15 28 | 2 50 |
| F 18 | 1 1 | 19 4 | 3 39 | 12 24 | 1 14 | 12 20 | 0 51 | 11 23 | 3 57 | 22 12 | 0 47 | 1 6 | 2 30 | 11 17 | 0 43 | 10 48 | 0 32 | 20 21 | 1 38 | 19 37 | 19 55 | 2 11 | 15 28 | 2 50 |
| S 19 | 0 38 | 16 17 | 4 24 | 12 6 | 1 21 | 11 57 | 0 53 | 11 29 | 3 55 | 22 13 | 0 47 | 1 8 | 2 30 | 11 16 | 0 43 | 10 48 | 0 32 | 20 21 | 1 38 | 19 37 | 19 55 | 2 9 | 15 29 | 2 50 |
| S 20 | 0 14 | 12 26 | 4 54 | 11 46 | 1 28 | 11 32 | 0 56 | 11 35 | 3 53 | 22 13 | 0 47 | 1 10 | 2 31 | 11 15 | 0 43 | 10 49 | 0 32 | 20 21 | 1 38 | 19 35 | 19 54 | 2 7 | 15 30 | 2 50 |
| M21 | 0n10 | 7 44 | 5 5 | 11 25 | 1 35 | 11 8 | 0 58 | 11 40 | 3 51 | 22 13 | 0 47 | 1 12 | 2 31 | 11 14 | 0 43 | 10 49 | 0 32 | 20 21 | 1 38 | 19 34 | 19 53 | 2 4 | 15 31 | 2 49 |
| T 22 | 0 34 | 2 28 | 4 55 | 11 3 | 1 41 | 10 43 | 1 0 | 11 45 | 3 49 | 22 13 | 0 47 | 1 14 | 2 31 | 11 13 | 0 43 | 10 50 | 0 32 | 20 21 | 1 38 | 19 32 | 19 53 | 2 2 | 15 32 | 2 49 |
| W23 | 0 57 | 2n59 | 4 24 | 10 39 | 1 47 | 10 18 | 1 2 | 11 50 | 3 47 | 22 13 | 0 47 | 1 16 | 2 31 | 11 12 | 0 43 | 10 51 | 0 32 | 20 22 | 1 38 | 19 30 | 19 52 | 2 0 | 15 32 | 2 49 |
| T 24 | 1 21 | 8 14 | 3 35 | 10 14 | 1 53 | 9 52 | 1 4 | 11 55 | 3 45 | 22 13 | 0 47 | 1 18 | 2 31 | 11 10 | 0 43 | 10 51 | 0 32 | 20 22 | 1 38 | 19 28 | 19 51 | 1 57 | 15 33 | 2 49 |
| F 25 | 1 45 | 12 54 | 2 31 | 9 48 | 1 58 | 9 27 | 1 6 | 11 59 | 3 43 | 22 14 | 0 47 | 1 20 | 2 31 | 11 9 | 0 43 | 10 52 | 0 32 | 20 22 | 1 38 | 19 27 | 19 51 | 1 55 | 15 34 | 2 49 |
| S 26 | 2 8 | 16 40 | 1 19 | 9 21 | 2 2 | 9 1 | 1 8 | 12 3 | 3 40 | 22 14 | 0 47 | 1 22 | 2 31 | 11 8 | 0 43 | 10 52 | 0 32 | 20 22 | 1 38 | 19 26 | 19 50 | 1 53 | 15 35 | 2 49 |
| S 27 | 2 32 | 19 19 | 0 4 | 8 52 | 2 6 | 8 34 | 1 10 | 12 7 | 3 38 | 22 14 | 0 47 | 1 24 | 2 31 | 11 7 | 0 43 | 10 53 | 0 32 | 20 22 | 1 38 | 19 26 | 19 49 | 1 50 | 15 36 | 2 49 |
| M28 | 2 55 | 20 44 | 1s 9 | 8 22 | 2 10 | 8 8 | 1 11 | 12 10 | 3 36 | 22 14 | 0 47 | 1 26 | 2 31 | 11 6 | 0 43 | 10 53 | 0 32 | 20 22 | 1 37 | 19 26 | 19 49 | 1 48 | 15 37 | 2 49 |
| T 29 | 3 19 | 20 56 | 2 15 | 7 51 | 2 13 | 7 41 | 1 13 | 12 13 | 3 33 | 22 14 | 0 47 | 1 27 | 2 31 | 11 5 | 0 43 | 10 53 | 0 32 | 20 22 | 1 37 | 19 26 | 19 48 | 1 46 | 15 37 | 2 49 |
| W30 | 3 42 | 20 2 | 3 14 | 7 19 | 2 16 | 7 14 | 1 15 | 12 16 | 3 31 | 22 14 | 0 47 | 1 29 | 2 31 | 11 4 | 0 43 | 10 54 | 0 32 | 20 22 | 1 37 | 19 26 | 19 47 | 1 43 | 15 38 | 2 49 |
| T 31 | 4n 6 | 18n10 | 4s 1 | 6s46 | 2s18 | 6s47 | 1s16 | 12n18 | 3n29 | 22s14 | 0n47 | 1n31 | 2n31 | 11s 3 | 0s43 | 10n54 | 0n32 | 20n22 | 1s37 | 19s26 | 19s46 | 1n41 | 15n39 | 2s49 |

Julian Day Number = 2605736.5, Delta T = 09m43s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'33, Lahiri = 29°45'34


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## APRIL 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 37 54 | 11♈20'57 | 0♌22 | 19♓47 | 16♓57 | 6°R24 | 20♐12 | 1°R55 | 3♓ 4 | 2°R55 | 19°R26 | 26°R57 | 28♏25 | 14♍10 | 22♉39 | F 1 |
| S 2 | 12 41 51 | 12°20'23 | 12°23 | 21°20 | 18°11 | 6♍13 | 20°12 | 1♎50 | 3° 6 | 2♍53 | 19°D26 | 26♏53 | 28°22 | 14°17 | 22°43 | S 2 |
| S 3 | 12 45 47 | 13°19'47 | 24°17 | 22°55 | 19°25 | 6° 2 | 20°13 | 1°45 | 3° 9 | 2°52 | 19♋26 | 26°47 | 28°19 | 14°23 | 22°46 | S 3 |
| M 4 | 12 49 44 | 14°19'09 | 6♍ 9 | 24°32 | 20°39 | 5°53 | 20°13 | 1°41 | 3°12 | 2°51 | 19°26 | 26°40 | 28°16 | 14°30 | 22°50 | M 4 |
| T 5 | 12 53 40 | 15°18'28 | 18° 1 | 26°10 | 21°53 | 5°44 | 20°14 | 1°36 | 3°15 | 2°50 | 19°26 | 26°32 | 28°13 | 14°37 | 22°53 | T 5 |
| W 6 | 12 57 37 | 16°17'46 | 29°55 | 27°49 | 23° 7 | 5°37 | 20°R14 | 1°32 | 3°18 | 2°49 | 19°27 | 26°24 | 28° 9 | 14°43 | 22°57 | W 6 |
| T 7 | 13 1 33 | 17°17'01 | 11♎53 | 29°29 | 24°20 | 5°30 | 20°14 | 1°27 | 3°20 | 2°48 | 19°27 | 26°17 | 28° 6 | 14°50 | 23° 0 | T 7 |
| F 8 | 13 5 30 | 18°16'14 | 23°57 | 1♈11 | 25°34 | 5°23 | 20°13 | 1°23 | 3°23 | 2°47 | 19°27 | 26°11 | 28° 3 | 14°57 | 23° 4 | F 8 |
| S 9 | 13 9 26 | 19°15'25 | 6♏ 8 | 2°54 | 26°48 | 5°18 | 20°13 | 1°18 | 3°26 | 2°46 | 19°27 | 26° 7 | 28° 0 | 15° 4 | 23° 8 | S 9 |
| S 10 | 13 13 23 | 20°14'35 | 18°28 | 4°39 | 28° 2 | 5°13 | 20°12 | 1°14 | 3°28 | 2°45 | 19°27 | 26° 6 | 27°57 | 15°10 | 23°11 | S 10 |
| M11 | 13 17 19 | 21°13'42 | 0♐59 | 6°25 | 29°16 | 5° 9 | 20°11 | 1°10 | 3°31 | 2°44 | 19°27 | 26°D 5 | 27°54 | 15°17 | 23°15 | M11 |
| T 12 | 13 21 16 | 22°12'48 | 13°42 | 8°13 | 0♈30 | 5° 6 | 20°10 | 1° 5 | 3°34 | 2°43 | 19°27 | 26° 6 | 27°50 | 15°24 | 23°19 | T 12 |
| W13 | 13 25 13 | 23°11'52 | 26°39 | 10° 2 | 1°43 | 5° 4 | 20° 9 | 1° 1 | 3°36 | 2°42 | 19°28 | 26° 8 | 27°47 | 15°30 | 23°23 | W13 |
| T 14 | 13 29 9 | 24°10'54 | 9♑54 | 11°52 | 2°57 | 5° 2 | 20° 7 | 0°57 | 3°39 | 2°41 | 19°28 | 26°10 | 27°44 | 15°37 | 23°26 | T 14 |
| F 15 | 13 33 6 | 25° 9'54 | 23°28 | 13°44 | 4°11 | 5° 1 | 20° 6 | 0°53 | 3°41 | 2°40 | 19°28 | 26°R10 | 27°41 | 15°44 | 23°30 | F 15 |
| S 16 | 13 37 2 | 26° 8'53 | 7♒23 | 15°38 | 5°25 | 5°D 1 | 20° 4 | 0°49 | 3°44 | 2°39 | 19°29 | 26°10 | 27°38 | 15°51 | 23°34 | S 16 |
| S 17 | 13 40 59 | 27° 7'50 | 21°38 | 17°32 | 6°39 | 5° 2 | 20° 2 | 0°45 | 3°46 | 2°38 | 19°29 | 26° 8 | 27°35 | 15°57 | 23°38 | S 17 |
| M18 | 13 44 55 | 28° 6'45 | 6♓12 | 19°29 | 7°53 | 5° 3 | 20° 0 | 0°41 | 3°48 | 2°37 | 19°29 | 26° 5 | 27°31 | 16° 4 | 23°42 | M18 |
| T 19 | 13 48 52 | 29° 5'39 | 20°59 | 21°26 | 9° 6 | 5° 5 | 19°57 | 0°37 | 3°51 | 2°36 | 19°30 | 26° 1 | 27°28 | 16°11 | 23°46 | T 19 |
| W20 | 13 52 48 | 0♉ 4'30 | 5♈54 | 23°26 | 10°20 | 5° 8 | 19°55 | 0°33 | 3°53 | 2°36 | 19°30 | 25°58 | 27°25 | 16°17 | 23°50 | W20 |
| T 21 | 13 56 45 | 1° 3'20 | 20°48 | 25°26 | 11°34 | 5°11 | 19°52 | 0°29 | 3°55 | 2°35 | 19°31 | 25°54 | 27°22 | 16°24 | 23°54 | T 21 |
| F 22 | 14 0 42 | 2° 2'08 | 5♉32 | 27°28 | 12°48 | 5°15 | 19°49 | 0°26 | 3°57 | 2°34 | 19°31 | 25°52 | 27°19 | 16°31 | 23°58 | F 22 |
| S 23 | 14 4 38 | 3° 0'54 | 20° 1 | 29°31 | 14° 2 | 5°20 | 19°46 | 0°22 | 4° 0 | 2°34 | 19°31 | 25°D51 | 27°15 | 16°38 | 24° 2 | S 23 |
| S 24 | 14 8 35 | 3°59'38 | 4♊ 7 | 1♉35 | 15°16 | 5°25 | 19°43 | 0°19 | 4° 2 | 2°33 | 19°32 | 25°51 | 27°12 | 16°44 | 24° 6 | S 24 |
| M25 | 14 12 31 | 4°58'20 | 17°48 | 3°41 | 16°29 | 5°32 | 19°40 | 0°15 | 4° 4 | 2°32 | 19°32 | 25°52 | 27° 9 | 16°51 | 24°10 | M25 |
| T 26 | 14 16 28 | 5°57'00 | 1♋ 5 | 5°47 | 17°43 | 5°38 | 19°36 | 0°12 | 4° 6 | 2°32 | 19°33 | 25°54 | 27° 6 | 16°58 | 24°14 | T 26 |
| W27 | 14 20 24 | 6°55'38 | 13°57 | 7°54 | 18°57 | 5°46 | 19°32 | 0° 8 | 4° 8 | 2°31 | 19°34 | 25°55 | 27° 3 | 17° 4 | 24°18 | W27 |
| T 28 | 14 24 21 | 7°54'13 | 26°29 | 10° 2 | 20°11 | 5°54 | 19°28 | 0° 5 | 4°10 | 2°31 | 19°34 | 25°56 | 27° 0 | 17°11 | 24°22 | T 28 |
| F 29 | 14 28 17 | 8°52'46 | 8♌44 | 12°10 | 21°25 | 6° 2 | 19°24 | 0° 2 | 4°12 | 2°30 | 19°35 | 25°R56 | 26°56 | 17°18 | 24°26 | F 29 |
| S 30 | 14 32 14 | 9♉51'18 | 20♌47 | 14♉18 | 22♈38 | 6♍12 | 19♐20 | 29♍59 | 4♓14 | 2♍30 | 19♋35 | 25♏56 | 26♏53 | 17♍25 | 24♉30 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 4n29 | 15n32 | 4s36 | 6s11 | 2s20 | 6s20 | 1s18 | 12n20 | 3n26 | 22s14 | 0n47 | 1n33 | 2n31 | 11s 2 | 0s43 | 10n55 | 0n32 | 20n23 | 1s37 | 19s26 | 19s46 | 1n39 | 15n40 | 2s49 | F 1 |
| S 2 | 4 52 | 12 16 | 4 59 | 5 36 | 2 22 | 5 52 | 1 19 | 12 22 | 3 24 | 22 14 | 0 47 | 1 35 | 2 31 | 11 1 | 0 43 | 10 55 | 0 32 | 20 23 | 1 37 | 19 25 | 19 45 | 1 36 | 15 41 | 2 49 | S 2 |
| S 3 | 5 15 | 8 33 | 5 8 | 4 59 | 2 23 | 5 25 | 1 20 | 12 23 | 3 21 | 22 14 | 0 48 | 1 37 | 2 31 | 11 0 | 0 43 | 10 56 | 0 32 | 20 23 | 1 37 | 19 23 | 19 44 | 1 34 | 15 42 | 2 49 | S 3 |
| M 4 | 5 38 | 4 31 | 5 4 | 4 22 | 2 23 | 4 57 | 1 22 | 12 24 | 3 19 | 22 14 | 0 48 | 1 38 | 2 31 | 10 59 | 0 43 | 10 56 | 0 32 | 20 23 | 1 37 | 19 22 | 19 44 | 1 32 | 15 43 | 2 49 | M 4 |
| T 5 | 6 1 | 0 19 | 4 47 | 3 43 | 2 23 | 4 29 | 1 23 | 12 25 | 3 16 | 22 14 | 0 48 | 1 40 | 2 31 | 10 58 | 0 43 | 10 57 | 0 32 | 20 23 | 1 37 | 19 20 | 19 43 | 1 29 | 15 44 | 2 49 | T 5 |
| W 6 | 6 24 | 3s55 | 4 18 | 3 3 | 2 23 | 4 1 | 1 24 | 12 26 | 3 13 | 22 14 | 0 48 | 1 42 | 2 31 | 10 57 | 0 44 | 10 57 | 0 32 | 20 23 | 1 37 | 19 18 | 19 42 | 1 27 | 15 44 | 2 49 | W 6 |
| T 7 | 6 46 | 8 1 | 3 37 | 2 22 | 2 22 | 3 33 | 1 25 | 12 26 | 3 11 | 22 14 | 0 48 | 1 44 | 2 31 | 10 56 | 0 44 | 10 57 | 0 32 | 20 23 | 1 36 | 19 17 | 19 41 | 1 25 | 15 45 | 2 49 | T 7 |
| F 8 | 7 9 | 11 50 | 2 46 | 1 41 | 2 21 | 3 4 | 1 26 | 12 26 | 3 8 | 22 14 | 0 48 | 1 46 | 2 31 | 10 55 | 0 44 | 10 58 | 0 32 | 20 23 | 1 36 | 19 15 | 19 41 | 1 22 | 15 46 | 2 49 | F 8 |
| S 9 | 7 31 | 15 13 | 1 46 | 0 58 | 2 19 | 2 36 | 1 27 | 12 26 | 3 6 | 22 14 | 0 48 | 1 47 | 2 31 | 10 54 | 0 44 | 10 58 | 0 32 | 20 23 | 1 36 | 19 14 | 19 40 | 1 20 | 15 47 | 2 49 | S 9 |
| S 10 | 7 54 | 17 57 | 0 41 | 0 14 | 2 16 | 2 7 | 1 28 | 12 25 | 3 3 | 22 14 | 0 48 | 1 49 | 2 31 | 10 53 | 0 44 | 10 59 | 0 32 | 20 23 | 1 36 | 19 14 | 19 39 | 1 18 | 15 48 | 2 49 | S 10 |
| M11 | 8 16 | 19 52 | 0n27 | 0n30 | 2 13 | 1 39 | 1 29 | 12 24 | 3 1 | 22 13 | 0 48 | 1 51 | 2 31 | 10 52 | 0 44 | 10 59 | 0 32 | 20 23 | 1 36 | 19 14 | 19 39 | 1 15 | 15 49 | 2 49 | M11 |
| T 12 | 8 38 | 20 49 | 1 35 | 1 15 | 2 10 | 1 10 | 1 29 | 12 23 | 2 58 | 22 13 | 0 48 | 1 52 | 2 31 | 10 51 | 0 44 | 10 59 | 0 32 | 20 23 | 1 36 | 19 14 | 19 38 | 1 13 | 15 50 | 2 49 | T 12 |
| W13 | 9 0 | 20 41 | 2 39 | 2 2 | 2 6 | 0 42 | 1 30 | 12 21 | 2 56 | 22 13 | 0 48 | 1 54 | 2 30 | 10 51 | 0 44 | 11 0 | 0 32 | 20 24 | 1 36 | 19 14 | 19 37 | 1 11 | 15 51 | 2 49 | W13 |
| T 14 | 9 21 | 19 25 | 3 37 | 2 49 | 2 2 | 0 13 | 1 31 | 12 20 | 2 53 | 22 13 | 0 48 | 1 55 | 2 30 | 10 50 | 0 44 | 11 0 | 0 32 | 20 24 | 1 36 | 19 15 | 19 37 | 1 8 | 15 52 | 2 49 | T 14 |
| F 15 | 9 43 | 17 1 | 4 24 | 3 37 | 1 57 | 0n16 | 1 31 | 12 18 | 2 51 | 22 13 | 0 48 | 1 57 | 2 30 | 10 49 | 0 44 | 11 0 | 0 32 | 20 24 | 1 36 | 19 15 | 19 36 | 1 6 | 15 53 | 2 49 | F 15 |
| S 16 | 10 4 | 13 36 | 4 57 | 4 25 | 1 52 | 0 45 | 1 31 | 12 15 | 2 48 | 22 13 | 0 48 | 1 59 | 2 30 | 10 48 | 0 44 | 11 1 | 0 32 | 20 24 | 1 36 | 19 15 | 19 35 | 1 4 | 15 54 | 2 49 | S 16 |
| S 17 | 10 26 | 9 20 | 5 12 | 5 14 | 1 46 | 1 14 | 1 32 | 12 13 | 2 46 | 22 13 | 0 48 | 2 0 | 2 30 | 10 47 | 0 44 | 11 1 | 0 32 | 20 24 | 1 36 | 19 14 | 19 34 | 1 1 | 15 55 | 2 49 | S 17 |
| M18 | 10 47 | 4 26 | 5 8 | 6 4 | 1 39 | 1 42 | 1 32 | 12 10 | 2 43 | 22 12 | 0 48 | 2 2 | 2 30 | 10 46 | 0 44 | 11 1 | 0 32 | 20 24 | 1 35 | 19 14 | 19 34 | 0 59 | 15 56 | 2 49 | M18 |
| T 19 | 11 8 | 0n47 | 4 44 | 6 55 | 1 33 | 2 11 | 1 32 | 12 7 | 2 41 | 22 12 | 0 48 | 2 3 | 2 30 | 10 45 | 0 44 | 11 1 | 0 32 | 20 24 | 1 35 | 19 13 | 19 33 | 0 57 | 15 57 | 2 49 | T 19 |
| W20 | 11 28 | 6 1 | 4 1 | 7 46 | 1 25 | 2 40 | 1 33 | 12 4 | 2 38 | 22 12 | 0 48 | 2 4 | 2 30 | 10 45 | 0 44 | 11 2 | 0 32 | 20 24 | 1 35 | 19 12 | 19 32 | 0 54 | 15 57 | 2 49 | W20 |
| T 21 | 11 49 | 10 53 | 3 1 | 8 37 | 1 17 | 3 9 | 1 33 | 12 0 | 2 36 | 22 12 | 0 48 | 2 6 | 2 30 | 10 44 | 0 44 | 11 2 | 0 32 | 20 24 | 1 35 | 19 11 | 19 31 | 0 52 | 15 58 | 2 49 | T 21 |
| F 22 | 12 9 | 15 3 | 1 49 | 9 28 | 1 9 | 3 37 | 1 33 | 11 56 | 2 33 | 22 12 | 0 48 | 2 7 | 2 30 | 10 43 | 0 44 | 11 2 | 0 32 | 20 24 | 1 35 | 19 11 | 19 31 | 0 50 | 15 59 | 2 49 | F 22 |
| S 23 | 12 29 | 18 13 | 0 32 | 10 20 | 1 1 | 4 6 | 1 33 | 11 52 | 2 31 | 22 11 | 0 48 | 2 9 | 2 30 | 10 42 | 0 44 | 11 2 | 0 32 | 20 24 | 1 35 | 19 11 | 19 30 | 0 47 | 16 0 | 2 49 | S 23 |
| S 24 | 12 49 | 20 11 | 0s45 | 11 12 | 0 51 | 4 34 | 1 33 | 11 48 | 2 28 | 22 11 | 0 48 | 2 10 | 2 29 | 10 42 | 0 44 | 11 3 | 0 32 | 20 24 | 1 35 | 19 11 | 19 29 | 0 45 | 16 1 | 2 49 | S 24 |
| M25 | 13 9 | 20 52 | 1 58 | 12 3 | 0 42 | 5 3 | 1 32 | 11 44 | 2 26 | 22 11 | 0 48 | 2 11 | 2 29 | 10 41 | 0 44 | 11 3 | 0 32 | 20 24 | 1 35 | 19 11 | 19 29 | 0 43 | 16 2 | 2 49 | M25 |
| T 26 | 13 28 | 20 21 | 3 2 | 12 55 | 0 32 | 5 31 | 1 32 | 11 39 | 2 24 | 22 10 | 0 48 | 2 12 | 2 29 | 10 40 | 0 44 | 11 3 | 0 32 | 20 24 | 1 35 | 19 11 | 19 28 | 0 40 | 16 3 | 2 49 | T 26 |
| W27 | 13 48 | 18 45 | 3 55 | 13 46 | 0 22 | 5 59 | 1 32 | 11 34 | 2 21 | 22 10 | 0 48 | 2 14 | 2 29 | 10 39 | 0 44 | 11 3 | 0 32 | 20 24 | 1 35 | 19 11 | 19 27 | 0 38 | 16 4 | 2 49 | W27 |
| T 28 | 14 7 | 16 18 | 4 35 | 14 36 | 0 12 | 6 27 | 1 31 | 11 29 | 2 19 | 22 10 | 0 48 | 2 15 | 2 29 | 10 39 | 0 44 | 11 3 | 0 32 | 20 24 | 1 34 | 19 12 | 19 26 | 0 36 | 16 5 | 2 49 | T 28 |
| F 29 | 14 25 | 13 11 | 5 2 | 15 26 | 0 1 | 6 55 | 1 31 | 11 24 | 2 17 | 22 9 | 0 48 | 2 16 | 2 29 | 10 38 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 12 | 19 26 | 0 34 | 16 6 | 2 49 | F 29 |
| S 30 | 14n44 | 9n34 | 5s14 | 16n14 | 0n 9 | 7n23 | 1s30 | 11n18 | 2n15 | 22s 9 | 0n48 | 2n17 | 2n29 | 10s37 | 0s44 | 11n 4 | 0n32 | 20n24 | 1s34 | 19s12 | 19s25 | 0n31 | 16n 7 | 2s49 | S 30 |

Julian Day Number = 2605767.5, Delta T = 09m43s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'37, Lahiri = 29°45'39


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## MAY 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 36 11 | 10♉49'46 | 2♍42 | 16♉26 | 23♈52 | 6♍22 | 19°R15 | 29°R56 | 4♓16 | 2°R29 | 19♋36 | 25°R55 | 26♏50 | 17♍31 | 24♉34 | S 1 |
| M 2 | 14 40 7 | 11°48'13 | 14°34 | 18°33 | 25° 6 | 6°32 | 19♐11 | 29♍53 | 4°17 | 2♍29 | 19°37 | 25♏53 | 26°47 | 17°38 | 24°39 | M 2 |
| T 3 | 14 44 4 | 12°46'38 | 26°26 | 20°40 | 26°20 | 6°43 | 19° 6 | 29°50 | 4°19 | 2°29 | 19°37 | 25°52 | 26°44 | 17°45 | 24°43 | T 3 |
| W 4 | 14 48 0 | 13°45'01 | 8♎23 | 22°46 | 27°33 | 6°54 | 19° 1 | 29°47 | 4°21 | 2°28 | 19°38 | 25°50 | 26°41 | 17°51 | 24°47 | W 4 |
| T 5 | 14 51 57 | 14°43'22 | 20°27 | 24°50 | 28°47 | 7° 7 | 18°56 | 29°45 | 4°22 | 2°28 | 19°39 | 25°48 | 26°37 | 17°58 | 24°51 | T 5 |
| F 6 | 14 55 53 | 15°41'40 | 2♏40 | 26°53 | 0♉ 1 | 7°19 | 18°51 | 29°42 | 4°24 | 2°28 | 19°40 | 25°47 | 26°34 | 18° 5 | 24°55 | F 6 |
| S 7 | 14 59 50 | 16°39'58 | 15° 5 | 28°54 | 1°15 | 7°32 | 18°46 | 29°40 | 4°26 | 2°28 | 19°40 | 25°46 | 26°31 | 18°12 | 25° 0 | S 7 |
| S 8 | 15 3 46 | 17°38'13 | 27°41 | 0♊53 | 2°28 | 7°46 | 18°40 | 29°37 | 4°27 | 2°27 | 19°41 | 25°D46 | 26°28 | 18°18 | 25° 4 | S 8 |
| M 9 | 15 7 43 | 18°36'27 | 10♐31 | 2°49 | 3°42 | 8° 0 | 18°35 | 29°35 | 4°29 | 2°27 | 19°42 | 25°46 | 26°25 | 18°25 | 25° 8 | M 9 |
| T 10 | 15 11 40 | 19°34'39 | 23°34 | 4°42 | 4°56 | 8°15 | 18°29 | 29°33 | 4°30 | 2°27 | 19°43 | 25°47 | 26°21 | 18°32 | 25°12 | T 10 |
| W11 | 15 15 36 | 20°32'49 | 6♑51 | 6°33 | 6° 9 | 8°30 | 18°23 | 29°31 | 4°32 | 2°27 | 19°44 | 25°47 | 26°18 | 18°38 | 25°16 | W11 |
| T 12 | 15 19 33 | 21°30'58 | 20°22 | 8°20 | 7°23 | 8°45 | 18°17 | 29°28 | 4°33 | 2°27 | 19°45 | 25°48 | 26°15 | 18°45 | 25°21 | T 12 |
| F 13 | 15 23 29 | 22°29'06 | 4♒ 6 | 10° 4 | 8°37 | 9° 1 | 18°11 | 29°27 | 4°34 | 2°D27 | 19°46 | 25°48 | 26°12 | 18°52 | 25°25 | F 13 |
| S 14 | 15 27 26 | 23°27'12 | 18° 3 | 11°45 | 9°51 | 9°18 | 18° 5 | 29°25 | 4°36 | 2°27 | 19°47 | 25°R48 | 26° 9 | 18°59 | 25°29 | S 14 |
| S 15 | 15 31 22 | 24°25'17 | 2♓11 | 13°22 | 11° 4 | 9°35 | 17°59 | 29°23 | 4°37 | 2°27 | 19°47 | 25°48 | 26° 6 | 19° 5 | 25°33 | S 15 |
| M16 | 15 35 19 | 25°23'20 | 16°30 | 14°55 | 12°18 | 9°52 | 17°52 | 29°21 | 4°38 | 2°27 | 19°48 | 25°D48 | 26° 2 | 19°12 | 25°38 | M16 |
| T 17 | 15 39 15 | 26°21'22 | 0♈55 | 16°25 | 13°32 | 10°10 | 17°46 | 29°20 | 4°39 | 2°27 | 19°49 | 25°48 | 25°59 | 19°19 | 25°42 | T 17 |
| W18 | 15 43 12 | 27°19'23 | 15°24 | 17°51 | 14°45 | 10°28 | 17°39 | 29°18 | 4°40 | 2°27 | 19°50 | 25°48 | 25°56 | 19°25 | 25°46 | W18 |
| T 19 | 15 47 9 | 28°17'23 | 29°51 | 19°14 | 15°59 | 10°47 | 17°32 | 29°17 | 4°41 | 2°27 | 19°51 | 25°48 | 25°53 | 19°32 | 25°50 | T 19 |
| F 20 | 15 51 5 | 29°15'21 | 14♉11 | 20°32 | 17°13 | 11° 6 | 17°25 | 29°16 | 4°42 | 2°28 | 19°52 | 25°49 | 25°50 | 19°39 | 25°55 | F 20 |
| S 21 | 15 55 2 | 0♊13'18 | 28°19 | 21°46 | 18°26 | 11°25 | 17°18 | 29°15 | 4°43 | 2°28 | 19°53 | 25°R49 | 25°47 | 19°45 | 25°59 | S 21 |
| S 22 | 15 58 58 | 1°11'13 | 12♊12 | 22°57 | 19°40 | 11°45 | 17°11 | 29°14 | 4°44 | 2°28 | 19°55 | 25°49 | 25°43 | 19°52 | 26° 3 | S 22 |
| M23 | 16 2 55 | 2° 9'07 | 25°46 | 24° 3 | 20°54 | 12° 5 | 17° 4 | 29°13 | 4°45 | 2°28 | 19°56 | 25°48 | 25°40 | 19°59 | 26° 7 | M23 |
| T 24 | 16 6 51 | 3° 6'59 | 8♋59 | 25° 5 | 22° 8 | 12°26 | 16°57 | 29°12 | 4°46 | 2°29 | 19°57 | 25°47 | 25°37 | 20° 6 | 26°12 | T 24 |
| W25 | 16 10 48 | 4° 4'50 | 21°52 | 26° 3 | 23°21 | 12°47 | 16°50 | 29°11 | 4°46 | 2°29 | 19°58 | 25°46 | 25°34 | 20°12 | 26°16 | W25 |
| T 26 | 16 14 44 | 5° 2'39 | 4♌26 | 26°56 | 24°35 | 13° 8 | 16°43 | 29°10 | 4°47 | 2°30 | 19°59 | 25°45 | 25°31 | 20°19 | 26°20 | T 26 |
| F 27 | 16 18 41 | 6° 0'26 | 16°43 | 27°46 | 25°49 | 13°29 | 16°35 | 29°10 | 4°48 | 2°30 | 20° 0 | 25°44 | 25°27 | 20°26 | 26°24 | F 27 |
| S 28 | 16 22 38 | 6°58'12 | 28°48 | 28°30 | 27° 2 | 13°51 | 16°28 | 29° 9 | 4°48 | 2°30 | 20° 1 | 25°44 | 25°24 | 20°32 | 26°28 | S 28 |
| S 29 | 16 26 34 | 7°55'56 | 10♍44 | 29°11 | 28°16 | 14°14 | 16°20 | 29° 9 | 4°49 | 2°31 | 20° 2 | 25°D44 | 25°21 | 20°39 | 26°33 | S 29 |
| M30 | 16 30 31 | 8°53'38 | 22°37 | 29°47 | 29°30 | 14°36 | 16°13 | 29° 9 | 4°49 | 2°32 | 20° 4 | 25°44 | 25°18 | 20°46 | 26°37 | M30 |
| T 31 | 16 34 27 | 9♊51'19 | 4♎30 | 0♋18 | 0♊43 | 14♍59 | 16♐ 5 | 29♍ 9 | 4♓50 | 2♍32 | 20♋ 5 | 25♏45 | 25♏15 | 20♍53 | 26♉41 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 2 | 5n36 | 5s14 | 17n 2 | 0n20 | 7n51 | 1s30 | 11n12 | 2n12 | 22s 9 | 0n48 | 2n18 | 2n29 | 10s37 | 0s44 | 11n 4 | 0n32 | 20n24 | 1s34 | 19s11 | 19s24 | 0n29 | 16n 8 | 2s49 |
| M 2 | 15 20 | 1 28 | 4 59 | 17 48 | 0 31 | 8 18 | 1 29 | 11 6 | 2 10 | 22 8 | 0 48 | 2 19 | 2 28 | 10 36 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 11 | 19 23 | 0 27 | 16 9 | 2 49 |
| T 3 | 15 38 | 2s45 | 4 32 | 18 33 | 0 42 | 8 46 | 1 29 | 11 0 | 2 8 | 22 8 | 0 48 | 2 20 | 2 28 | 10 36 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 11 | 19 23 | 0 24 | 16 10 | 2 49 |
| W 4 | 15 56 | 6 53 | 3 53 | 19 16 | 0 52 | 9 13 | 1 28 | 10 54 | 2 6 | 22 8 | 0 48 | 2 21 | 2 28 | 10 35 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 10 | 19 22 | 0 22 | 16 11 | 2 49 |
| T 5 | 16 13 | 10 48 | 3 3 | 19 56 | 1 2 | 9 40 | 1 27 | 10 48 | 2 4 | 22 7 | 0 48 | 2 22 | 2 28 | 10 34 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 10 | 19 21 | 0 20 | 16 12 | 2 49 |
| F 6 | 16 30 | 14 19 | 2 4 | 20 35 | 1 12 | 10 6 | 1 26 | 10 41 | 2 1 | 22 7 | 0 48 | 2 23 | 2 28 | 10 34 | 0 44 | 11 4 | 0 32 | 20 24 | 1 34 | 19 9 | 19 21 | 0 17 | 16 13 | 2 49 |
| S 7 | 16 47 | 17 16 | 0 59 | 21 12 | 1 22 | 10 33 | 1 25 | 10 34 | 1 59 | 22 6 | 0 48 | 2 24 | 2 28 | 10 33 | 0 45 | 11 4 | 0 32 | 20 24 | 1 34 | 19 9 | 19 20 | 0 15 | 16 14 | 2 49 |
| S 8 | 17 3 | 19 26 | 0n11 | 21 46 | 1 31 | 10 59 | 1 24 | 10 27 | 1 57 | 22 6 | 0 48 | 2 24 | 2 27 | 10 33 | 0 45 | 11 4 | 0 32 | 20 24 | 1 34 | 19 9 | 19 19 | 0 13 | 16 15 | 2 50 |
| M 9 | 17 19 | 20 38 | 1 21 | 22 18 | 1 40 | 11 25 | 1 23 | 10 20 | 1 55 | 22 5 | 0 48 | 2 25 | 2 27 | 10 32 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 9 | 19 18 | 0 11 | 16 16 | 2 50 |
| T 10 | 17 35 | 20 46 | 2 28 | 22 47 | 1 48 | 11 51 | 1 22 | 10 12 | 1 53 | 22 5 | 0 48 | 2 26 | 2 27 | 10 32 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 9 | 19 18 | 0 8 | 16 16 | 2 50 |
| W11 | 17 51 | 19 44 | 3 29 | 23 14 | 1 55 | 12 16 | 1 21 | 10 5 | 1 51 | 22 5 | 0 48 | 2 27 | 2 27 | 10 31 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 17 | 0 6 | 16 17 | 2 50 |
| T 12 | 18 6 | 17 35 | 4 19 | 23 39 | 2 2 | 12 42 | 1 19 | 9 57 | 1 49 | 22 4 | 0 48 | 2 27 | 2 27 | 10 31 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 16 | 0 4 | 16 18 | 2 50 |
| F 13 | 18 21 | 14 24 | 4 55 | 24 1 | 2 8 | 13 6 | 1 18 | 9 49 | 1 47 | 22 4 | 0 48 | 2 28 | 2 27 | 10 30 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 15 | 0 1 | 16 19 | 2 50 |
| S 14 | 18 36 | 10 24 | 5 14 | 24 20 | 2 13 | 13 31 | 1 17 | 9 41 | 1 45 | 22 3 | 0 48 | 2 28 | 2 26 | 10 30 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 15 | 0s 1 | 16 20 | 2 50 |
| S 15 | 18 50 | 5 46 | 5 15 | 24 37 | 2 17 | 13 55 | 1 15 | 9 33 | 1 43 | 22 2 | 0 48 | 2 29 | 2 26 | 10 30 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 14 | 0 3 | 16 21 | 2 50 |
| M16 | 19 4 | 0 45 | 4 57 | 24 52 | 2 20 | 14 19 | 1 14 | 9 25 | 1 41 | 22 2 | 0 48 | 2 29 | 2 26 | 10 29 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 13 | 0 6 | 16 22 | 2 50 |
| T 17 | 19 18 | 4n20 | 4 20 | 25 4 | 2 23 | 14 43 | 1 12 | 9 16 | 1 39 | 22 1 | 0 48 | 2 30 | 2 26 | 10 29 | 0 45 | 11 5 | 0 32 | 20 24 | 1 33 | 19 10 | 19 12 | 0 8 | 16 23 | 2 50 |
| W18 | 19 31 | 9 13 | 3 26 | 25 14 | 2 25 | 15 6 | 1 11 | 9 8 | 1 38 | 22 1 | 0 48 | 2 30 | 2 26 | 10 28 | 0 45 | 11 4 | 0 32 | 20 24 | 1 33 | 19 10 | 19 12 | 0 10 | 16 24 | 2 50 |
| T 19 | 19 44 | 13 34 | 2 19 | 25 22 | 2 26 | 15 29 | 1 9 | 8 59 | 1 36 | 22 0 | 0 48 | 2 31 | 2 25 | 10 28 | 0 45 | 11 4 | 0 32 | 20 24 | 1 33 | 19 10 | 19 11 | 0 12 | 16 25 | 2 50 |
| F 20 | 19 57 | 17 5 | 1 4 | 25 28 | 2 26 | 15 51 | 1 8 | 8 50 | 1 34 | 22 0 | 0 48 | 2 31 | 2 25 | 10 28 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 10 | 19 10 | 0 15 | 16 26 | 2 50 |
| S 21 | 20 9 | 19 31 | 0s14 | 25 32 | 2 25 | 16 13 | 1 6 | 8 41 | 1 32 | 21 59 | 0 48 | 2 31 | 2 25 | 10 27 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 10 | 19 9 | 0 17 | 16 26 | 2 51 |
| S 22 | 20 21 | 20 43 | 1 30 | 25 34 | 2 23 | 16 35 | 1 4 | 8 32 | 1 30 | 21 58 | 0 48 | 2 31 | 2 25 | 10 27 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 10 | 19 9 | 0 19 | 16 27 | 2 51 |
| M23 | 20 33 | 20 40 | 2 39 | 25 35 | 2 20 | 16 56 | 1 2 | 8 23 | 1 28 | 21 58 | 0 48 | 2 32 | 2 25 | 10 27 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 10 | 19 8 | 0 22 | 16 28 | 2 51 |
| T 24 | 20 44 | 19 28 | 3 37 | 25 33 | 2 16 | 17 17 | 1 1 | 8 13 | 1 27 | 21 57 | 0 48 | 2 32 | 2 25 | 10 27 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 10 | 19 7 | 0 24 | 16 29 | 2 51 |
| W25 | 20 55 | 17 17 | 4 23 | 25 31 | 2 11 | 17 37 | 0 59 | 8 3 | 1 25 | 21 57 | 0 48 | 2 32 | 2 24 | 10 26 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 9 | 19 6 | 0 26 | 16 30 | 2 51 |
| T 26 | 21 5 | 14 20 | 4 55 | 25 26 | 2 5 | 17 57 | 0 57 | 7 54 | 1 23 | 21 56 | 0 48 | 2 32 | 2 24 | 10 26 | 0 45 | 11 4 | 0 32 | 20 23 | 1 32 | 19 9 | 19 6 | 0 28 | 16 31 | 2 51 |
| F 27 | 21 16 | 10 49 | 5 13 | 25 21 | 1 59 | 18 17 | 0 55 | 7 44 | 1 22 | 21 55 | 0 47 | 2 32 | 2 24 | 10 26 | 0 45 | 11 3 | 0 32 | 20 23 | 1 32 | 19 9 | 19 5 | 0 31 | 16 32 | 2 51 |
| S 28 | 21 25 | 6 55 | 5 16 | 25 14 | 1 51 | 18 36 | 0 53 | 7 34 | 1 20 | 21 55 | 0 47 | 2 32 | 2 24 | 10 26 | 0 45 | 11 3 | 0 32 | 20 23 | 1 32 | 19 9 | 19 4 | 0 33 | 16 33 | 2 51 |
| S 29 | 21 35 | 2 48 | 5 6 | 25 5 | 1 43 | 18 54 | 0 51 | 7 24 | 1 18 | 21 54 | 0 47 | 2 32 | 2 23 | 10 26 | 0 45 | 11 3 | 0 32 | 20 23 | 1 32 | 19 9 | 19 3 | 0 35 | 16 33 | 2 51 |
| M30 | 21 44 | 1s24 | 4 42 | 24 56 | 1 33 | 19 12 | 0 49 | 7 14 | 1 17 | 21 53 | 0 47 | 2 32 | 2 23 | 10 25 | 0 45 | 11 3 | 0 32 | 20 23 | 1 32 | 19 9 | 19 3 | 0 37 | 16 34 | 2 51 |
| T 31 | 21n53 | 5s34 | 4s 7 | 24n45 | 1n23 | 19n30 | 0s47 | 7n 3 | 1n15 | 21s53 | 0n47 | 2n32 | 2n23 | 10s25 | 0s45 | 11n 3 | 0n32 | 20n23 | 1s32 | 19s 9 | 19s 2 | 0s40 | 16n35 | 2s52 |

Julian Day Number = 2605797.5, Delta T = 09m43s
Ecliptic obliquity = 23°22'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'41, Lahiri = 29°45'43


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## JUNE 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 38 24 | 10♊48'58 | 16♎29 | 0♋44 | 1♊57 | 15♍23 | 15°R58 | 29°D 9 | 4♓50 | 2♍33 | 20♋ 6 | 25♏46 | 25♏12 | 20♍59 | 26♉45 | W 1 |
| T 2 | 16 42 20 | 11°46'36 | 28°37 | 1° 6 | 3°10 | 15°46 | 15♐50 | 29♍ 9 | 4°51 | 2°33 | 20° 7 | 25°47 | 25° 8 | 21° 6 | 26°49 | T 2 |
| F 3 | 16 46 17 | 12°44'13 | 10♏58 | 1°23 | 4°24 | 16°10 | 15°43 | 29° 9 | 4°51 | 2°34 | 20° 9 | 25°49 | 25° 5 | 21°13 | 26°53 | F 3 |
| S 4 | 16 50 13 | 13°41'48 | 23°35 | 1°36 | 5°38 | 16°34 | 15°35 | 29° 9 | 4°51 | 2°35 | 20°10 | 25°R49 | 25° 2 | 21°19 | 26°58 | S 4 |
| S 5 | 16 54 10 | 14°39'22 | 6♐28 | 1°43 | 6°51 | 16°59 | 15°27 | 29°10 | 4°51 | 2°35 | 20°11 | 25°49 | 24°59 | 21°26 | 27° 2 | S 5 |
| M 6 | 16 58 7 | 15°36'55 | 19°39 | 1°R46 | 8° 5 | 17°23 | 15°20 | 29°10 | 4°52 | 2°36 | 20°12 | 25°48 | 24°56 | 21°33 | 27° 6 | M 6 |
| T 7 | 17 2 3 | 16°34'27 | 3♑ 7 | 1°45 | 9°19 | 17°48 | 15°12 | 29°11 | 4°52 | 2°37 | 20°14 | 25°45 | 24°53 | 21°40 | 27°10 | T 7 |
| W 8 | 17 6 0 | 17°31'58 | 16°50 | 1°39 | 10°32 | 18°13 | 15° 4 | 29°12 | 4°52 | 2°38 | 20°15 | 25°43 | 24°49 | 21°46 | 27°14 | W 8 |
| T 9 | 17 9 56 | 18°29'28 | 0♒46 | 1°29 | 11°46 | 18°39 | 14°57 | 29°12 | 4°R52 | 2°39 | 20°16 | 25°39 | 24°46 | 21°53 | 27°18 | T 9 |
| F 10 | 17 13 53 | 19°26'57 | 14°50 | 1°14 | 13° 0 | 19° 5 | 14°49 | 29°13 | 4°52 | 2°39 | 20°18 | 25°37 | 24°43 | 22° 0 | 27°22 | F 10 |
| S 11 | 17 17 49 | 20°24'26 | 29° 0 | 0°56 | 14°13 | 19°31 | 14°42 | 29°14 | 4°52 | 2°40 | 20°19 | 25°34 | 24°40 | 22° 6 | 27°26 | S 11 |
| S 12 | 17 21 46 | 21°21'53 | 13♓13 | 0°34 | 15°27 | 19°57 | 14°34 | 29°15 | 4°52 | 2°41 | 20°20 | 25°33 | 24°37 | 22°13 | 27°30 | S 12 |
| M13 | 17 25 42 | 22°19'20 | 27°27 | 0° 9 | 16°41 | 20°24 | 14°26 | 29°17 | 4°51 | 2°42 | 20°22 | 25°D33 | 24°33 | 22°20 | 27°34 | M13 |
| T 14 | 17 29 39 | 23°16'47 | 11♈38 | 29♊42 | 17°54 | 20°50 | 14°19 | 29°18 | 4°51 | 2°43 | 20°23 | 25°34 | 24°30 | 22°27 | 27°38 | T 14 |
| W15 | 17 33 36 | 24°14'13 | 25°45 | 29°12 | 19° 8 | 21°17 | 14°11 | 29°19 | 4°51 | 2°44 | 20°25 | 25°35 | 24°27 | 22°33 | 27°42 | W15 |
| T 16 | 17 37 32 | 25°11'38 | 9♉45 | 28°40 | 20°22 | 21°45 | 14° 4 | 29°21 | 4°51 | 2°45 | 20°26 | 25°36 | 24°24 | 22°40 | 27°46 | T 16 |
| F 17 | 17 41 29 | 26° 9'03 | 23°38 | 28° 7 | 21°35 | 22°12 | 13°57 | 29°23 | 4°50 | 2°46 | 20°27 | 25°R37 | 24°21 | 22°47 | 27°50 | F 17 |
| S 18 | 17 45 25 | 27° 6'27 | 7♊21 | 27°34 | 22°49 | 22°40 | 13°49 | 29°24 | 4°50 | 2°47 | 20°29 | 25°37 | 24°18 | 22°53 | 27°54 | S 18 |
| S 19 | 17 49 22 | 28° 3'51 | 20°52 | 27° 0 | 24° 3 | 23° 8 | 13°42 | 29°26 | 4°49 | 2°49 | 20°30 | 25°35 | 24°14 | 23° 0 | 27°57 | S 19 |
| M20 | 17 53 18 | 29° 1'14 | 4♋ 8 | 26°27 | 25°16 | 23°36 | 13°35 | 29°28 | 4°49 | 2°50 | 20°32 | 25°31 | 24°11 | 23° 7 | 28° 1 | M20 |
| T 21 | 17 57 15 | 29°58'36 | 17° 9 | 25°55 | 26°30 | 24° 4 | 13°28 | 29°30 | 4°48 | 2°51 | 20°33 | 25°26 | 24° 8 | 23°13 | 28° 5 | T 21 |
| W22 | 18 1 11 | 0♋55'57 | 29°55 | 25°24 | 27°44 | 24°33 | 13°21 | 29°32 | 4°48 | 2°52 | 20°35 | 25°20 | 24° 5 | 23°20 | 28° 9 | W22 |
| T 23 | 18 5 8 | 1°53'18 | 12♌24 | 24°56 | 28°57 | 25° 2 | 13°14 | 29°34 | 4°47 | 2°53 | 20°36 | 25°14 | 24° 2 | 23°27 | 28°13 | T 23 |
| F 24 | 18 9 5 | 2°50'37 | 24°40 | 24°30 | 0♋11 | 25°31 | 13° 7 | 29°37 | 4°46 | 2°55 | 20°38 | 25° 8 | 23°58 | 23°34 | 28°16 | F 24 |
| S 25 | 18 13 1 | 3°47'56 | 6♍44 | 24° 7 | 1°25 | 26° 0 | 13° 0 | 29°39 | 4°46 | 2°56 | 20°39 | 25° 4 | 23°55 | 23°40 | 28°20 | S 25 |
| S 26 | 18 16 58 | 4°45'14 | 18°39 | 23°48 | 2°38 | 26°29 | 12°54 | 29°42 | 4°45 | 2°57 | 20°41 | 25° 1 | 23°52 | 23°47 | 28°24 | S 26 |
| M27 | 18 20 54 | 5°42'32 | 0♎31 | 23°32 | 3°52 | 26°59 | 12°47 | 29°44 | 4°44 | 2°59 | 20°42 | 24°D59 | 23°49 | 23°54 | 28°27 | M27 |
| T 28 | 18 24 51 | 6°39'48 | 12°24 | 23°21 | 5° 6 | 27°29 | 12°41 | 29°47 | 4°43 | 3° 0 | 20°43 | 24°59 | 23°46 | 24° 0 | 28°31 | T 28 |
| W29 | 18 28 47 | 7°37'04 | 24°23 | 23°13 | 6°20 | 27°59 | 12°34 | 29°50 | 4°42 | 3° 2 | 20°45 | 25° 0 | 23°43 | 24° 7 | 28°34 | W29 |
| T 30 | 18 32 44 | 8♋34'19 | 6♏32 | 23°D10 | 7♋33 | 28♍29 | 12♐28 | 29♍53 | 4♓41 | 3♍ 3 | 20♋46 | 25♏ 2 | 23♏39 | 24♍14 | 28♉38 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 1 | 9s33 | 3s21 | 24n34 | 1n11 | 19n46 | 0s45 | 6n53 | 1n13 | 21s52 | 0n47 | 2n31 | 2n23 | 10s25 | 0s45 | 11n 2 | 0n32 | 20n22 | 1s31 | 19s 9 | 19s 1 | 0s42 | 16n36 | 2s52 |
| T 2 | 22 9 | 13 13 | 2 25 | 24 22 | 0 59 | 20 3 | 0 42 | 6 42 | 1 12 | 21 51 | 0 47 | 2 31 | 2 23 | 10 25 | 0 46 | 11 2 | 0 32 | 20 22 | 1 31 | 19 10 | 19 0 | 0 44 | 16 37 | 2 52 |
| F 3 | 22 16 | 16 22 | 1 21 | 24 8 | 0 46 | 20 19 | 0 40 | 6 31 | 1 10 | 21 51 | 0 47 | 2 31 | 2 22 | 10 25 | 0 46 | 11 2 | 0 32 | 20 22 | 1 31 | 19 10 | 19 0 | 0 47 | 16 38 | 2 52 |
| S 4 | 22 23 | 18 49 | 0 12 | 23 54 | 0 32 | 20 34 | 0 38 | 6 21 | 1 9 | 21 50 | 0 47 | 2 31 | 2 22 | 10 25 | 0 46 | 11 2 | 0 32 | 20 22 | 1 31 | 19 10 | 18 59 | 0 49 | 16 38 | 2 52 |
| S 5 | 22 30 | 20 23 | 0n58 | 23 40 | 0 17 | 20 49 | 0 36 | 6 10 | 1 7 | 21 49 | 0 47 | 2 30 | 2 22 | 10 25 | 0 46 | 11 1 | 0 32 | 20 22 | 1 31 | 19 10 | 18 58 | 0 51 | 16 39 | 2 52 |
| M 6 | 22 37 | 20 52 | 2 8 | 23 24 | 0 2 | 21 3 | 0 34 | 5 59 | 1 6 | 21 48 | 0 46 | 2 30 | 2 22 | 10 25 | 0 46 | 11 1 | 0 32 | 20 22 | 1 31 | 19 10 | 18 57 | 0 53 | 16 40 | 2 52 |
| T 7 | 22 42 | 20 10 | 3 11 | 23 8 | 0s14 | 21 17 | 0 31 | 5 48 | 1 4 | 21 48 | 0 46 | 2 29 | 2 22 | 10 25 | 0 46 | 11 1 | 0 32 | 20 22 | 1 31 | 19 9 | 18 56 | 0 56 | 16 41 | 2 53 |
| W 8 | 22 48 | 18 16 | 4 5 | 22 52 | 0 30 | 21 30 | 0 29 | 5 36 | 1 3 | 21 47 | 0 46 | 2 29 | 2 21 | 10 25 | 0 46 | 11 1 | 0 32 | 20 22 | 1 31 | 19 8 | 18 56 | 0 58 | 16 41 | 2 53 |
| T 9 | 22 53 | 15 18 | 4 45 | 22 35 | 0 47 | 21 42 | 0 27 | 5 25 | 1 1 | 21 46 | 0 46 | 2 28 | 2 21 | 10 25 | 0 46 | 11 0 | 0 32 | 20 22 | 1 31 | 19 8 | 18 55 | 1 0 | 16 42 | 2 53 |
| F 10 | 22 58 | 11 25 | 5 8 | 22 18 | 1 4 | 21 54 | 0 24 | 5 14 | 1 0 | 21 46 | 0 46 | 2 28 | 2 21 | 10 25 | 0 46 | 11 0 | 0 32 | 20 21 | 1 31 | 19 7 | 18 54 | 1 2 | 16 43 | 2 53 |
| S 11 | 23 2 | 6 53 | 5 13 | 22 1 | 1 22 | 22 5 | 0 22 | 5 2 | 0 58 | 21 45 | 0 46 | 2 27 | 2 21 | 10 25 | 0 46 | 11 0 | 0 32 | 20 21 | 1 31 | 19 6 | 18 53 | 1 5 | 16 44 | 2 53 |
| S 12 | 23 6 | 1 58 | 4 59 | 21 44 | 1 39 | 22 16 | 0 20 | 4 51 | 0 57 | 21 44 | 0 46 | 2 27 | 2 21 | 10 25 | 0 46 | 10 59 | 0 32 | 20 21 | 1 31 | 19 6 | 18 53 | 1 7 | 16 45 | 2 53 |
| M13 | 23 10 | 3n 4 | 4 27 | 21 27 | 1 56 | 22 26 | 0 17 | 4 39 | 0 55 | 21 43 | 0 46 | 2 26 | 2 20 | 10 25 | 0 46 | 10 59 | 0 32 | 20 21 | 1 30 | 19 6 | 18 52 | 1 9 | 16 45 | 2 53 |
| T 14 | 23 13 | 7 56 | 3 38 | 21 10 | 2 13 | 22 35 | 0 15 | 4 27 | 0 54 | 21 43 | 0 45 | 2 25 | 2 20 | 10 25 | 0 46 | 10 59 | 0 32 | 20 21 | 1 30 | 19 6 | 18 51 | 1 11 | 16 46 | 2 54 |
| W15 | 23 15 | 12 21 | 2 36 | 20 53 | 2 30 | 22 44 | 0 13 | 4 15 | 0 53 | 21 42 | 0 45 | 2 25 | 2 20 | 10 26 | 0 46 | 10 58 | 0 32 | 20 21 | 1 30 | 19 7 | 18 50 | 1 14 | 16 47 | 2 54 |
| T 16 | 23 18 | 16 4 | 1 26 | 20 36 | 2 46 | 22 52 | 0 10 | 4 3 | 0 51 | 21 41 | 0 45 | 2 24 | 2 20 | 10 26 | 0 46 | 10 58 | 0 32 | 20 21 | 1 30 | 19 7 | 18 50 | 1 16 | 16 47 | 2 54 |
| F 17 | 23 20 | 18 49 | 0 11 | 20 21 | 3 2 | 22 59 | 0 8 | 3 51 | 0 50 | 21 40 | 0 45 | 2 23 | 2 19 | 10 26 | 0 46 | 10 57 | 0 32 | 20 21 | 1 30 | 19 7 | 18 49 | 1 18 | 16 48 | 2 54 |
| S 18 | 23 21 | 20 26 | 1s 4 | 20 6 | 3 16 | 23 6 | 0 6 | 3 39 | 0 49 | 21 40 | 0 45 | 2 22 | 2 19 | 10 26 | 0 46 | 10 57 | 0 32 | 20 20 | 1 30 | 19 7 | 18 48 | 1 20 | 16 49 | 2 54 |
| S 19 | 23 22 | 20 51 | 2 14 | 19 51 | 3 30 | 23 12 | 0 3 | 3 27 | 0 47 | 21 39 | 0 45 | 2 21 | 2 19 | 10 26 | 0 46 | 10 57 | 0 32 | 20 20 | 1 30 | 19 7 | 18 47 | 1 23 | 16 49 | 2 54 |
| M20 | 23 23 | 20 4 | 3 15 | 19 38 | 3 42 | 23 17 | 0 1 | 3 14 | 0 46 | 21 38 | 0 45 | 2 20 | 2 19 | 10 26 | 0 46 | 10 56 | 0 32 | 20 20 | 1 30 | 19 6 | 18 46 | 1 25 | 16 50 | 2 55 |
| T 21 | 23 23 | 18 15 | 4 4 | 19 26 | 3 53 | 23 22 | 0n 2 | 3 2 | 0 45 | 21 38 | 0 44 | 2 19 | 2 19 | 10 27 | 0 46 | 10 56 | 0 32 | 20 20 | 1 30 | 19 5 | 18 46 | 1 27 | 16 51 | 2 55 |
| W22 | 23 23 | 15 33 | 4 41 | 19 15 | 4 3 | 23 26 | 0 4 | 2 49 | 0 43 | 21 37 | 0 44 | 2 18 | 2 18 | 10 27 | 0 46 | 10 55 | 0 32 | 20 20 | 1 30 | 19 3 | 18 45 | 1 29 | 16 51 | 2 55 |
| T 23 | 23 22 | 12 11 | 5 3 | 19 6 | 4 12 | 23 29 | 0 6 | 2 37 | 0 42 | 21 36 | 0 44 | 2 17 | 2 18 | 10 27 | 0 46 | 10 55 | 0 32 | 20 20 | 1 30 | 19 2 | 18 44 | 1 32 | 16 52 | 2 55 |
| F 24 | 23 21 | 8 23 | 5 10 | 18 58 | 4 19 | 23 32 | 0 9 | 2 24 | 0 41 | 21 36 | 0 44 | 2 16 | 2 18 | 10 28 | 0 46 | 10 54 | 0 32 | 20 20 | 1 30 | 19 0 | 18 43 | 1 34 | 16 53 | 2 55 |
| S 25 | 23 20 | 4 18 | 5 4 | 18 51 | 4 25 | 23 34 | 0 11 | 2 12 | 0 40 | 21 35 | 0 44 | 2 15 | 2 18 | 10 28 | 0 46 | 10 54 | 0 32 | 20 19 | 1 30 | 18 59 | 18 43 | 1 36 | 16 53 | 2 55 |
| S 26 | 23 18 | 0 6 | 4 45 | 18 46 | 4 29 | 23 35 | 0 14 | 1 59 | 0 38 | 21 34 | 0 44 | 2 14 | 2 18 | 10 28 | 0 46 | 10 53 | 0 32 | 20 19 | 1 30 | 18 58 | 18 42 | 1 38 | 16 54 | 2 56 |
| M27 | 23 16 | 4s 5 | 4 13 | 18 42 | 4 32 | 23 35 | 0 16 | 1 46 | 0 37 | 21 34 | 0 43 | 2 12 | 2 17 | 10 29 | 0 47 | 10 53 | 0 32 | 20 19 | 1 29 | 18 58 | 18 41 | 1 40 | 16 55 | 2 56 |
| T 28 | 23 13 | 8 7 | 3 31 | 18 40 | 4 33 | 23 35 | 0 18 | 1 33 | 0 36 | 21 33 | 0 43 | 2 11 | 2 17 | 10 29 | 0 47 | 10 52 | 0 32 | 20 19 | 1 29 | 18 58 | 18 40 | 1 43 | 16 55 | 2 56 |
| W29 | 23 10 | 11 53 | 2 39 | 18 39 | 4 33 | 23 34 | 0 21 | 1 20 | 0 35 | 21 32 | 0 43 | 2 10 | 2 17 | 10 29 | 0 47 | 10 52 | 0 32 | 20 19 | 1 29 | 18 58 | 18 39 | 1 45 | 16 56 | 2 56 |
| T 30 | 23n 6 | 15s13 | 1s39 | 18n40 | 4s32 | 23n33 | 0n23 | 1n 7 | 0n34 | 21s32 | 0n43 | 2n 9 | 2n17 | 10s30 | 0s47 | 10n51 | 0n32 | 20n19 | 1s29 | 18s59 | 18s39 | 1s47 | 16n56 | 2s56 |

Julian Day Number = 2605828.5, Delta T = 09m44s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'46, Lahiri = 29°45'47


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## JULY 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 36 40 | 9♋31'34 | 18♏57 | 23♊12 | 8♋47 | 28♍59 | 12°R22 | 29♍55 | 4°R40 | 3♍ 4 | 20♋48 | 25°R 3 | 23♏36 | 24♍21 | 28♉41 | F 1 |
| S 2 | 18 40 37 | 10°28'48 | 1♐41 | 23°19 | 10° 1 | 29°30 | 12♐16 | 29°59 | 4♓39 | 3° 6 | 20°50 | 25♏ 3 | 23°33 | 24°27 | 28°45 | S 2 |
| S 3 | 18 44 34 | 11°26'02 | 14°46 | 23°30 | 11°14 | 0♎ 1 | 12°10 | 0♎ 2 | 4°38 | 3° 7 | 20°51 | 25° 1 | 23°30 | 24°34 | 28°48 | S 3 |
| M 4 | 18 48 30 | 12°23'15 | 28°15 | 23°46 | 12°28 | 0°32 | 12° 4 | 0° 5 | 4°37 | 3° 9 | 20°53 | 24°57 | 23°27 | 24°41 | 28°52 | M 4 |
| T 5 | 18 52 27 | 13°20'28 | 12♑ 5 | 24° 6 | 13°42 | 1° 3 | 11°59 | 0° 8 | 4°36 | 3°10 | 20°54 | 24°52 | 23°24 | 24°47 | 28°55 | T 5 |
| W 6 | 18 56 23 | 14°17'41 | 26°15 | 24°32 | 14°56 | 1°34 | 11°53 | 0°12 | 4°34 | 3°12 | 20°56 | 24°45 | 23°20 | 24°54 | 28°58 | W 6 |
| T 7 | 19 0 20 | 15°14'53 | 10♒38 | 25° 2 | 16° 9 | 2° 5 | 11°48 | 0°15 | 4°33 | 3°14 | 20°57 | 24°37 | 23°17 | 25° 1 | 29° 1 | T 7 |
| F 8 | 19 4 16 | 16°12'06 | 25° 9 | 25°37 | 17°23 | 2°37 | 11°43 | 0°19 | 4°32 | 3°15 | 20°59 | 24°29 | 23°14 | 25° 7 | 29° 5 | F 8 |
| S 9 | 19 8 13 | 17° 9'18 | 9♓41 | 26°17 | 18°37 | 3° 9 | 11°37 | 0°22 | 4°31 | 3°17 | 21° 0 | 24°23 | 23°11 | 25°14 | 29° 8 | S 9 |
| S 10 | 19 12 10 | 18° 6'31 | 24° 8 | 27° 1 | 19°51 | 3°40 | 11°33 | 0°26 | 4°29 | 3°19 | 21° 2 | 24°19 | 23° 8 | 25°21 | 29°11 | S 10 |
| M11 | 19 16 6 | 19° 3'43 | 8♈27 | 27°50 | 21° 4 | 4°12 | 11°28 | 0°30 | 4°28 | 3°20 | 21° 3 | 24°17 | 23° 4 | 25°28 | 29°14 | M11 |
| T 12 | 19 20 3 | 20° 0'56 | 22°35 | 28°44 | 22°18 | 4°45 | 11°23 | 0°34 | 4°26 | 3°22 | 21° 5 | 24°D16 | 23° 1 | 25°34 | 29°17 | T 12 |
| W13 | 19 23 59 | 20°58'10 | 6♉30 | 29°42 | 23°32 | 5°17 | 11°19 | 0°38 | 4°25 | 3°24 | 21° 6 | 24°17 | 22°58 | 25°41 | 29°20 | W13 |
| T 14 | 19 27 56 | 21°55'23 | 20°13 | 0♋44 | 24°46 | 5°50 | 11°14 | 0°42 | 4°23 | 3°25 | 21° 8 | 24°R17 | 22°55 | 25°48 | 29°23 | T 14 |
| F 15 | 19 31 52 | 22°52'38 | 3♊43 | 1°51 | 26° 0 | 6°22 | 11°10 | 0°46 | 4°22 | 3°27 | 21° 9 | 24°17 | 22°52 | 25°54 | 29°26 | F 15 |
| S 16 | 19 35 49 | 23°49'52 | 17° 2 | 3° 2 | 27°13 | 6°55 | 11° 6 | 0°50 | 4°20 | 3°29 | 21°11 | 24°15 | 22°49 | 26° 1 | 29°29 | S 16 |
| S 17 | 19 39 45 | 24°47'07 | 0♋10 | 4°17 | 28°27 | 7°28 | 11° 2 | 0°55 | 4°18 | 3°31 | 21°13 | 24°10 | 22°45 | 26° 8 | 29°32 | S 17 |
| M18 | 19 43 42 | 25°44'22 | 13° 6 | 5°36 | 29°41 | 8° 1 | 10°59 | 0°59 | 4°17 | 3°33 | 21°14 | 24° 3 | 22°42 | 26°14 | 29°35 | M18 |
| T 19 | 19 47 39 | 26°41'37 | 25°50 | 7° 0 | 0♌55 | 8°34 | 10°55 | 1° 4 | 4°15 | 3°34 | 21°16 | 23°53 | 22°39 | 26°21 | 29°38 | T 19 |
| W20 | 19 51 35 | 27°38'52 | 8♌22 | 8°28 | 2° 9 | 9° 8 | 10°52 | 1° 8 | 4°13 | 3°36 | 21°17 | 23°42 | 22°36 | 26°28 | 29°40 | W20 |
| T 21 | 19 55 32 | 28°36'08 | 20°42 | 9°59 | 3°23 | 9°41 | 10°49 | 1°13 | 4°12 | 3°38 | 21°19 | 23°31 | 22°33 | 26°35 | 29°43 | T 21 |
| F 22 | 19 59 28 | 29°33'24 | 2♍52 | 11°35 | 4°36 | 10°15 | 10°46 | 1°18 | 4°10 | 3°40 | 21°20 | 23°20 | 22°30 | 26°41 | 29°46 | F 22 |
| S 23 | 20 3 25 | 0♌30'40 | 14°52 | 13°14 | 5°50 | 10°49 | 10°43 | 1°22 | 4° 8 | 3°42 | 21°22 | 23°10 | 22°26 | 26°48 | 29°48 | S 23 |
| S 24 | 20 7 21 | 1°27'56 | 26°45 | 14°56 | 7° 4 | 11°23 | 10°40 | 1°27 | 4° 6 | 3°44 | 21°23 | 23° 3 | 22°23 | 26°55 | 29°51 | S 24 |
| M25 | 20 11 18 | 2°25'12 | 8♎35 | 16°42 | 8°18 | 11°57 | 10°38 | 1°32 | 4° 4 | 3°46 | 21°25 | 22°58 | 22°20 | 27° 1 | 29°53 | M25 |
| T 26 | 20 15 14 | 3°22'28 | 20°26 | 18°32 | 9°32 | 12°31 | 10°35 | 1°37 | 4° 2 | 3°48 | 21°26 | 22°55 | 22°17 | 27° 8 | 29°56 | T 26 |
| W27 | 20 19 11 | 4°19'45 | 2♏22 | 20°24 | 10°46 | 13° 5 | 10°33 | 1°42 | 4° 0 | 3°50 | 21°28 | 22°D55 | 22°14 | 27°15 | 29°58 | W27 |
| T 28 | 20 23 7 | 5°17'01 | 14°30 | 22°19 | 12° 0 | 13°40 | 10°31 | 1°47 | 3°58 | 3°52 | 21°29 | 22°55 | 22°10 | 27°21 | 0♊ 0 | T 28 |
| F 29 | 20 27 4 | 6°14'18 | 26°54 | 24°17 | 13°13 | 14°14 | 10°30 | 1°52 | 3°56 | 3°54 | 21°31 | 22°R55 | 22° 7 | 27°28 | 0° 3 | F 29 |
| S 30 | 20 31 1 | 7°11'36 | 9♐39 | 26°17 | 14°27 | 14°49 | 10°28 | 1°58 | 3°54 | 3°56 | 21°32 | 22°54 | 22° 4 | 27°35 | 0° 5 | S 30 |
| S 31 | 20 34 57 | 8♌ 8'54 | 22♐49 | 28♋19 | 15♌41 | 15♎24 | 10♐27 | 2♎ 3 | 3♓52 | 3♍58 | 21♋34 | 22♏51 | 22♏ 1 | 27♍42 | 0♊ 7 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 2 | 17s57 | 0s33 | 18n43 | 4s30 | 23n31 | 0n25 | 0n54 | 0n32 | 21s31 | 0n43 | 2n 7 | 2n17 | 10s30 | 0s47 | 10n51 | 0n32 | 20n18 | 1s29 | 18s59 | 18s38 | 1s49 | 16n57 | 2s57 |
| S 2 | 22 58 | 19 52 | 0n36 | 18 47 | 4 26 | 23 28 | 0 27 | 0 41 | 0 31 | 21 30 | 0 43 | 2 6 | 2 16 | 10 30 | 0 47 | 10 50 | 0 32 | 20 18 | 1 29 | 18 59 | 18 37 | 1 52 | 16 57 | 2 57 |
| S 3 | 22 54 | 20 47 | 1 45 | 18 52 | 4 22 | 23 24 | 0 30 | 0 27 | 0 30 | 21 30 | 0 42 | 2 4 | 2 16 | 10 31 | 0 47 | 10 50 | 0 32 | 20 18 | 1 29 | 18 59 | 18 36 | 1 54 | 16 58 | 2 57 |
| M 4 | 22 48 | 20 33 | 2 49 | 18 58 | 4 16 | 23 20 | 0 32 | 0 14 | 0 29 | 21 29 | 0 42 | 2 3 | 2 16 | 10 31 | 0 47 | 10 49 | 0 32 | 20 18 | 1 29 | 18 58 | 18 35 | 1 56 | 16 58 | 2 57 |
| T 5 | 22 43 | 19 5 | 3 46 | 19 6 | 4 9 | 23 15 | 0 34 | 0 1 | 0 28 | 21 29 | 0 42 | 2 1 | 2 16 | 10 32 | 0 47 | 10 49 | 0 32 | 20 18 | 1 29 | 18 56 | 18 35 | 1 58 | 16 59 | 2 57 |
| W 6 | 22 37 | 16 26 | 4 30 | 19 14 | 4 2 | 23 9 | 0 36 | 0s13 | 0 27 | 21 28 | 0 42 | 2 0 | 2 16 | 10 32 | 0 47 | 10 48 | 0 32 | 20 18 | 1 29 | 18 55 | 18 34 | 2 1 | 16 59 | 2 58 |
| T 7 | 22 31 | 12 45 | 4 57 | 19 24 | 3 54 | 23 3 | 0 38 | 0 26 | 0 25 | 21 28 | 0 42 | 1 58 | 2 15 | 10 33 | 0 47 | 10 48 | 0 32 | 20 17 | 1 29 | 18 53 | 18 33 | 2 3 | 17 0 | 2 58 |
| F 8 | 22 24 | 8 18 | 5 6 | 19 34 | 3 44 | 22 55 | 0 40 | 0 40 | 0 24 | 21 27 | 0 41 | 1 57 | 2 15 | 10 33 | 0 47 | 10 47 | 0 32 | 20 17 | 1 29 | 18 51 | 18 32 | 2 5 | 17 0 | 2 58 |
| S 9 | 22 17 | 3 21 | 4 56 | 19 45 | 3 35 | 22 48 | 0 43 | 0 53 | 0 23 | 21 27 | 0 41 | 1 55 | 2 15 | 10 34 | 0 47 | 10 46 | 0 32 | 20 17 | 1 29 | 18 49 | 18 31 | 2 7 | 17 1 | 2 58 |
| S 10 | 22 10 | 1n45 | 4 26 | 19 57 | 3 24 | 22 39 | 0 45 | 1 7 | 0 22 | 21 26 | 0 41 | 1 53 | 2 15 | 10 34 | 0 47 | 10 46 | 0 32 | 20 17 | 1 29 | 18 48 | 18 31 | 2 9 | 17 1 | 2 59 |
| M11 | 22 2 | 6 43 | 3 40 | 20 9 | 3 13 | 22 30 | 0 47 | 1 21 | 0 21 | 21 26 | 0 41 | 1 52 | 2 15 | 10 35 | 0 47 | 10 45 | 0 32 | 20 17 | 1 29 | 18 48 | 18 30 | 2 12 | 17 2 | 2 59 |
| T 12 | 21 54 | 11 16 | 2 42 | 20 21 | 3 2 | 22 20 | 0 49 | 1 35 | 0 20 | 21 25 | 0 41 | 1 50 | 2 15 | 10 35 | 0 47 | 10 44 | 0 32 | 20 17 | 1 29 | 18 48 | 18 29 | 2 14 | 17 2 | 2 59 |
| W13 | 21 45 | 15 8 | 1 34 | 20 33 | 2 50 | 22 10 | 0 51 | 1 48 | 0 19 | 21 25 | 0 40 | 1 48 | 2 14 | 10 36 | 0 47 | 10 44 | 0 32 | 20 16 | 1 28 | 18 48 | 18 28 | 2 16 | 17 3 | 2 59 |
| T 14 | 21 36 | 18 6 | 0 22 | 20 45 | 2 37 | 21 59 | 0 52 | 2 2 | 0 18 | 21 24 | 0 40 | 1 46 | 2 14 | 10 37 | 0 47 | 10 43 | 0 32 | 20 16 | 1 28 | 18 48 | 18 27 | 2 18 | 17 3 | 2 59 |
| F 15 | 21 27 | 20 1 | 0s50 | 20 57 | 2 25 | 21 47 | 0 54 | 2 16 | 0 17 | 21 24 | 0 40 | 1 45 | 2 14 | 10 37 | 0 47 | 10 43 | 0 32 | 20 16 | 1 28 | 18 48 | 18 27 | 2 20 | 17 3 | 3 0 |
| S 16 | 21 17 | 20 47 | 1 59 | 21 9 | 2 12 | 21 35 | 0 56 | 2 30 | 0 16 | 21 24 | 0 40 | 1 43 | 2 14 | 10 38 | 0 47 | 10 42 | 0 32 | 20 16 | 1 28 | 18 47 | 18 26 | 2 23 | 17 4 | 3 0 |
| S 17 | 21 7 | 20 24 | 2 59 | 21 20 | 1 59 | 21 22 | 0 58 | 2 44 | 0 15 | 21 23 | 0 40 | 1 41 | 2 14 | 10 38 | 0 47 | 10 41 | 0 32 | 20 16 | 1 28 | 18 46 | 18 25 | 2 25 | 17 4 | 3 0 |
| M18 | 20 57 | 18 56 | 3 50 | 21 31 | 1 45 | 21 9 | 1 0 | 2 58 | 0 14 | 21 23 | 0 39 | 1 39 | 2 13 | 10 39 | 0 47 | 10 41 | 0 32 | 20 16 | 1 28 | 18 44 | 18 24 | 2 27 | 17 4 | 3 0 |
| T 19 | 20 46 | 16 33 | 4 28 | 21 40 | 1 32 | 20 54 | 1 1 | 3 12 | 0 13 | 21 23 | 0 39 | 1 37 | 2 13 | 10 40 | 0 47 | 10 40 | 0 32 | 20 15 | 1 28 | 18 42 | 18 23 | 2 29 | 17 5 | 3 1 |
| W20 | 20 35 | 13 25 | 4 52 | 21 48 | 1 19 | 20 40 | 1 3 | 3 26 | 0 12 | 21 23 | 0 39 | 1 35 | 2 13 | 10 40 | 0 47 | 10 39 | 0 32 | 20 15 | 1 28 | 18 39 | 18 23 | 2 31 | 17 5 | 3 1 |
| T 21 | 20 24 | 9 46 | 5 2 | 21 55 | 1 5 | 20 24 | 1 5 | 3 40 | 0 11 | 21 22 | 0 39 | 1 33 | 2 13 | 10 41 | 0 47 | 10 39 | 0 32 | 20 15 | 1 28 | 18 36 | 18 22 | 2 34 | 17 5 | 3 1 |
| F 22 | 20 12 | 5 47 | 4 59 | 22 1 | 0 52 | 20 8 | 1 6 | 3 54 | 0 10 | 21 22 | 0 39 | 1 31 | 2 13 | 10 42 | 0 47 | 10 38 | 0 32 | 20 15 | 1 28 | 18 34 | 18 21 | 2 36 | 17 6 | 3 1 |
| S 23 | 20 0 | 1 37 | 4 42 | 22 5 | 0 39 | 19 52 | 1 8 | 4 8 | 0 9 | 21 22 | 0 38 | 1 29 | 2 13 | 10 42 | 0 47 | 10 37 | 0 32 | 20 15 | 1 28 | 18 31 | 18 20 | 2 38 | 17 6 | 3 2 |
| S 24 | 19 47 | 2s35 | 4 13 | 22 7 | 0 26 | 19 35 | 1 9 | 4 22 | 0 8 | 21 22 | 0 38 | 1 27 | 2 12 | 10 43 | 0 47 | 10 37 | 0 32 | 20 14 | 1 28 | 18 29 | 18 19 | 2 40 | 17 6 | 3 2 |
| M25 | 19 34 | 6 39 | 3 33 | 22 7 | 0 13 | 19 17 | 1 11 | 4 36 | 0 7 | 21 22 | 0 38 | 1 25 | 2 12 | 10 44 | 0 47 | 10 36 | 0 32 | 20 14 | 1 28 | 18 28 | 18 19 | 2 42 | 17 7 | 3 2 |
| T 26 | 19 21 | 10 29 | 2 44 | 22 5 | 0 1 | 18 59 | 1 12 | 4 51 | 0 6 | 21 22 | 0 38 | 1 23 | 2 12 | 10 45 | 0 47 | 10 35 | 0 32 | 20 14 | 1 28 | 18 28 | 18 18 | 2 45 | 17 7 | 3 2 |
| W27 | 19 8 | 13 56 | 1 47 | 22 1 | 0n11 | 18 40 | 1 13 | 5 5 | 0 5 | 21 21 | 0 38 | 1 21 | 2 12 | 10 45 | 0 47 | 10 34 | 0 32 | 20 14 | 1 28 | 18 27 | 18 17 | 2 47 | 17 7 | 3 3 |
| T 28 | 18 54 | 16 52 | 0 45 | 21 54 | 0 22 | 18 21 | 1 15 | 5 19 | 0 4 | 21 21 | 0 37 | 1 18 | 2 12 | 10 46 | 0 47 | 10 34 | 0 32 | 20 14 | 1 28 | 18 27 | 18 16 | 2 49 | 17 7 | 3 3 |
| F 29 | 18 40 | 19 4 | 0n21 | 21 45 | 0 33 | 18 1 | 1 16 | 5 33 | 0 3 | 21 21 | 0 37 | 1 16 | 2 12 | 10 47 | 0 47 | 10 33 | 0 32 | 20 14 | 1 28 | 18 27 | 18 15 | 2 51 | 17 8 | 3 3 |
| S 30 | 18 26 | 20 24 | 1 28 | 21 33 | 0 43 | 17 41 | 1 17 | 5 48 | 0 2 | 21 21 | 0 37 | 1 14 | 2 12 | 10 48 | 0 47 | 10 32 | 0 32 | 20 13 | 1 28 | 18 27 | 18 15 | 2 53 | 17 8 | 3 3 |
| S 31 | 18n11 | 20s40 | 2n31 | 21n19 | 0n53 | 17n20 | 1n18 | 6s 2 | 0n 1 | 21s21 | 0n37 | 1n12 | 2n11 | 10s48 | 0s48 | 10n32 | 0n32 | 20n13 | 1s28 | 18s26 | 18s14 | 2s55 | 17n 8 | 3s 4 |

Julian Day Number = 2605858.5, Delta T = 09m44s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'50, Lahiri = 29°45'51


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## AUGUST 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 38 54 | 9♌ 6'12 | 6♉26 | 0♌22 | 16♌55 | 15♎59 | 10°R26 | 2♎ 9 | 3°R50 | 4♍ 0 | 21♋35 | 22°R45 | 21♏58 | 27♍48 | 0♊ 9 | M 1 |
| T 2 | 20 42 50 | 10° 3'30 | 20°31 | 2°27 | 18° 9 | 16°34 | 10♐25 | 2°14 | 3♓48 | 4° 2 | 21°37 | 22♏37 | 21°55 | 27°55 | 0°11 | T 2 |
| W 3 | 20 46 47 | 11° 0'49 | 4♒59 | 4°32 | 19°23 | 17° 9 | 10°24 | 2°19 | 3°46 | 4° 4 | 21°38 | 22°27 | 21°51 | 28° 2 | 0°13 | W 3 |
| T 4 | 20 50 43 | 11°58'09 | 19°45 | 6°38 | 20°37 | 17°45 | 10°23 | 2°25 | 3°44 | 4° 6 | 21°40 | 22°17 | 21°48 | 28° 8 | 0°15 | T 4 |
| F 5 | 20 54 40 | 12°55'29 | 4♓41 | 8°45 | 21°51 | 18°20 | 10°23 | 2°31 | 3°42 | 4° 8 | 21°41 | 22° 6 | 21°45 | 28°15 | 0°17 | F 5 |
| S 6 | 20 58 37 | 13°52'51 | 19°37 | 10°51 | 23° 4 | 18°56 | 10°22 | 2°36 | 3°39 | 4°10 | 21°43 | 21°57 | 21°42 | 28°22 | 0°19 | S 6 |
| S 7 | 21 2 33 | 14°50'13 | 4♈24 | 12°57 | 24°18 | 19°31 | 10°D22 | 2°42 | 3°37 | 4°12 | 21°44 | 21°50 | 21°39 | 28°28 | 0°21 | S 7 |
| M 8 | 21 6 30 | 15°47'36 | 18°58 | 15° 3 | 25°32 | 20° 7 | 10°22 | 2°48 | 3°35 | 4°15 | 21°45 | 21°46 | 21°36 | 28°35 | 0°23 | M 8 |
| T 9 | 21 10 26 | 16°45'00 | 3♉12 | 17° 8 | 26°46 | 20°43 | 10°23 | 2°54 | 3°33 | 4°17 | 21°47 | 21°44 | 21°32 | 28°42 | 0°24 | T 9 |
| W10 | 21 14 23 | 17°42'26 | 17° 7 | 19°12 | 28° 0 | 21°19 | 10°23 | 3° 0 | 3°30 | 4°19 | 21°48 | 21°44 | 21°29 | 28°48 | 0°26 | W10 |
| T 11 | 21 18 19 | 18°39'53 | 0♊43 | 21°15 | 29°14 | 21°55 | 10°24 | 3° 6 | 3°28 | 4°21 | 21°50 | 21°44 | 21°26 | 28°55 | 0°27 | T 11 |
| F 12 | 21 22 16 | 19°37'21 | 14° 1 | 23°17 | 0♍28 | 22°32 | 10°25 | 3°12 | 3°26 | 4°23 | 21°51 | 21°43 | 21°23 | 29° 2 | 0°29 | F 12 |
| S 13 | 21 26 12 | 20°34'50 | 27° 4 | 25°18 | 1°42 | 23° 8 | 10°26 | 3°18 | 3°24 | 4°25 | 21°52 | 21°40 | 21°20 | 29° 9 | 0°30 | S 13 |
| S 14 | 21 30 9 | 21°32'21 | 9♋53 | 27°17 | 2°56 | 23°44 | 10°27 | 3°24 | 3°21 | 4°27 | 21°54 | 21°34 | 21°16 | 29°15 | 0°32 | S 14 |
| M15 | 21 34 6 | 22°29'52 | 22°31 | 29°15 | 4°10 | 24°21 | 10°28 | 3°30 | 3°19 | 4°30 | 21°55 | 21°25 | 21°13 | 29°22 | 0°33 | M15 |
| T 16 | 21 38 2 | 23°27'25 | 4♌58 | 1♍12 | 5°24 | 24°58 | 10°30 | 3°37 | 3°17 | 4°32 | 21°57 | 21°14 | 21°10 | 29°29 | 0°34 | T 16 |
| W17 | 21 41 59 | 24°24'59 | 17°16 | 3° 7 | 6°38 | 25°35 | 10°31 | 3°43 | 3°14 | 4°34 | 21°58 | 21° 1 | 21° 7 | 29°35 | 0°36 | W17 |
| T 18 | 21 45 55 | 25°22'34 | 29°25 | 5° 1 | 7°52 | 26°12 | 10°33 | 3°49 | 3°12 | 4°36 | 21°59 | 20°47 | 21° 4 | 29°42 | 0°37 | T 18 |
| F 19 | 21 49 52 | 26°20'10 | 11♍26 | 6°53 | 9° 6 | 26°49 | 10°35 | 3°56 | 3° 9 | 4°38 | 22° 0 | 20°33 | 21° 1 | 29°49 | 0°38 | F 19 |
| S 20 | 21 53 48 | 27°17'47 | 23°21 | 8°44 | 10°20 | 27°26 | 10°38 | 4° 2 | 3° 7 | 4°41 | 22° 2 | 20°22 | 20°57 | 29°55 | 0°39 | S 20 |
| S 21 | 21 57 45 | 28°15'25 | 5♎11 | 10°33 | 11°33 | 28° 3 | 10°40 | 4° 9 | 3° 5 | 4°43 | 22° 3 | 20°12 | 20°54 | 0♎ 2 | 0°40 | S 21 |
| M22 | 22 1 41 | 29°13'04 | 16°59 | 12°21 | 12°47 | 28°40 | 10°43 | 4°15 | 3° 2 | 4°45 | 22° 4 | 20° 6 | 20°51 | 0° 9 | 0°41 | M22 |
| T 23 | 22 5 38 | 0♍10'45 | 28°49 | 14° 7 | 14° 1 | 29°18 | 10°46 | 4°22 | 3° 0 | 4°47 | 22° 6 | 20° 2 | 20°48 | 0°15 | 0°42 | T 23 |
| W24 | 22 9 34 | 1° 8'26 | 10♏44 | 15°52 | 15°15 | 29°55 | 10°49 | 4°28 | 2°58 | 4°49 | 22° 7 | 20° 0 | 20°45 | 0°22 | 0°43 | W24 |
| T 25 | 22 13 31 | 2° 6'09 | 22°50 | 17°35 | 16°29 | 0♏33 | 10°52 | 4°35 | 2°55 | 4°52 | 22° 8 | 20°D 0 | 20°42 | 0°29 | 0°43 | T 25 |
| F 26 | 22 17 28 | 3° 3'52 | 5♐11 | 19°17 | 17°43 | 1°11 | 10°55 | 4°42 | 2°53 | 4°54 | 22° 9 | 20°R 0 | 20°38 | 0°36 | 0°44 | F 26 |
| S 27 | 22 21 24 | 4° 1'37 | 17°53 | 20°57 | 18°57 | 1°49 | 10°58 | 4°48 | 2°50 | 4°56 | 22°11 | 19°59 | 20°35 | 0°42 | 0°45 | S 27 |
| S 28 | 22 25 21 | 4°59'22 | 1♑ 0 | 22°36 | 20°11 | 2°27 | 11° 2 | 4°55 | 2°48 | 4°58 | 22°12 | 19°57 | 20°32 | 0°49 | 0°45 | S 28 |
| M29 | 22 29 17 | 5°57'09 | 14°37 | 24°14 | 21°25 | 3° 5 | 11° 6 | 5° 2 | 2°46 | 5° 1 | 22°13 | 19°52 | 20°29 | 0°56 | 0°46 | M29 |
| T 30 | 22 33 14 | 6°54'57 | 28°43 | 25°50 | 22°39 | 3°43 | 11°10 | 5° 9 | 2°43 | 5° 3 | 22°14 | 19°45 | 20°26 | 1° 2 | 0°46 | T 30 |
| W31 | 22 37 10 | 7♍52'46 | 13♒17 | 27♍25 | 23♍53 | 4♏21 | 11♐14 | 5♎16 | 2♓41 | 5♍ 5 | 22♋15 | 19♏36 | 20♏22 | 1♎ 9 | 0♊46 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n56 | 19s45 | 3n29 | 21n 1 | 1n 1 | 16n59 | 1n19 | 6s16 | 0n 0 | 21s21 | 0n37 | 1n10 | 2n11 | 10s49 | 0s48 | 10n31 | 0n32 | 20n13 | 1s27 | 18s25 | 18s13 | 2s58 | 17n 8 | 3s 4 |
| T 2 | 17 41 | 17 37 | 4 16 | 20 42 | 1 9 | 16 38 | 1 20 | 6 30 | 0s 1 | 21 21 | 0 36 | 1 7 | 2 11 | 10 50 | 0 48 | 10 30 | 0 32 | 20 13 | 1 27 | 18 23 | 18 12 | 3 0 | 17 8 | 3 4 |
| W 3 | 17 26 | 14 20 | 4 47 | 20 19 | 1 17 | 16 15 | 1 21 | 6 45 | 0 2 | 21 22 | 0 36 | 1 5 | 2 11 | 10 51 | 0 48 | 10 29 | 0 32 | 20 13 | 1 27 | 18 20 | 18 11 | 3 2 | 17 8 | 3 5 |
| T 4 | 17 10 | 10 6 | 5 1 | 19 55 | 1 23 | 15 53 | 1 22 | 6 59 | 0 2 | 21 22 | 0 36 | 1 3 | 2 11 | 10 51 | 0 48 | 10 29 | 0 32 | 20 12 | 1 27 | 18 18 | 18 10 | 3 4 | 17 9 | 3 5 |
| F 5 | 16 54 | 5 13 | 4 54 | 19 27 | 1 29 | 15 30 | 1 23 | 7 13 | 0 3 | 21 22 | 0 36 | 1 0 | 2 11 | 10 52 | 0 48 | 10 28 | 0 32 | 20 12 | 1 27 | 18 15 | 18 10 | 3 6 | 17 9 | 3 5 |
| S 6 | 16 37 | 0 1 | 4 27 | 18 58 | 1 33 | 15 6 | 1 23 | 7 28 | 0 4 | 21 22 | 0 35 | 0 58 | 2 11 | 10 53 | 0 48 | 10 27 | 0 32 | 20 12 | 1 27 | 18 13 | 18 9 | 3 9 | 17 9 | 3 5 |
| S 7 | 16 21 | 5n 9 | 3 42 | 18 27 | 1 37 | 14 43 | 1 24 | 7 42 | 0 5 | 21 22 | 0 35 | 0 55 | 2 10 | 10 54 | 0 48 | 10 26 | 0 32 | 20 12 | 1 27 | 18 11 | 18 8 | 3 11 | 17 9 | 3 6 |
| M 8 | 16 4 | 9 56 | 2 44 | 17 53 | 1 41 | 14 18 | 1 25 | 7 56 | 0 6 | 21 22 | 0 35 | 0 53 | 2 10 | 10 55 | 0 48 | 10 25 | 0 32 | 20 12 | 1 27 | 18 10 | 18 7 | 3 13 | 17 9 | 3 6 |
| T 9 | 15 47 | 14 4 | 1 36 | 17 18 | 1 43 | 13 54 | 1 25 | 8 11 | 0 7 | 21 23 | 0 35 | 0 51 | 2 10 | 10 55 | 0 48 | 10 25 | 0 32 | 20 12 | 1 27 | 18 9 | 18 6 | 3 15 | 17 9 | 3 6 |
| W10 | 15 29 | 17 18 | 0 24 | 16 41 | 1 45 | 13 29 | 1 26 | 8 25 | 0 8 | 21 23 | 0 35 | 0 48 | 2 10 | 10 56 | 0 48 | 10 24 | 0 32 | 20 11 | 1 27 | 18 9 | 18 5 | 3 17 | 17 9 | 3 6 |
| T 11 | 15 12 | 19 29 | 0s47 | 16 3 | 1 46 | 13 4 | 1 26 | 8 39 | 0 8 | 21 23 | 0 34 | 0 46 | 2 10 | 10 57 | 0 48 | 10 23 | 0 32 | 20 11 | 1 27 | 18 9 | 18 5 | 3 19 | 17 9 | 3 7 |
| F 12 | 14 54 | 20 32 | 1 55 | 15 23 | 1 46 | 12 38 | 1 27 | 8 53 | 0 9 | 21 24 | 0 34 | 0 43 | 2 10 | 10 58 | 0 48 | 10 22 | 0 32 | 20 11 | 1 27 | 18 9 | 18 4 | 3 21 | 17 9 | 3 7 |
| S 13 | 14 36 | 20 26 | 2 55 | 14 43 | 1 45 | 12 12 | 1 27 | 9 8 | 0 10 | 21 24 | 0 34 | 0 41 | 2 10 | 10 59 | 0 48 | 10 22 | 0 32 | 20 11 | 1 27 | 18 8 | 18 3 | 3 24 | 17 9 | 3 7 |
| S 14 | 14 17 | 19 16 | 3 45 | 14 1 | 1 44 | 11 45 | 1 27 | 9 22 | 0 11 | 21 24 | 0 34 | 0 38 | 2 10 | 11 0 | 0 48 | 10 21 | 0 32 | 20 11 | 1 27 | 18 7 | 18 2 | 3 26 | 17 9 | 3 8 |
| M15 | 13 59 | 17 11 | 4 23 | 13 18 | 1 42 | 11 19 | 1 27 | 9 36 | 0 12 | 21 25 | 0 34 | 0 36 | 2 10 | 11 1 | 0 48 | 10 20 | 0 32 | 20 10 | 1 27 | 18 4 | 18 1 | 3 28 | 17 9 | 3 8 |
| T 16 | 13 40 | 14 19 | 4 48 | 12 35 | 1 40 | 10 52 | 1 27 | 9 50 | 0 13 | 21 25 | 0 33 | 0 33 | 2 9 | 11 1 | 0 48 | 10 19 | 0 32 | 20 10 | 1 27 | 18 1 | 18 1 | 3 30 | 17 9 | 3 8 |
| W17 | 13 21 | 10 52 | 4 59 | 11 51 | 1 37 | 10 25 | 1 27 | 10 4 | 0 13 | 21 26 | 0 33 | 0 30 | 2 9 | 11 2 | 0 48 | 10 18 | 0 32 | 20 10 | 1 27 | 17 58 | 18 0 | 3 32 | 17 9 | 3 8 |
| T 18 | 13 2 | 7 1 | 4 57 | 11 7 | 1 34 | 9 57 | 1 27 | 10 19 | 0 14 | 21 26 | 0 33 | 0 28 | 2 9 | 11 3 | 0 48 | 10 18 | 0 32 | 20 10 | 1 27 | 17 54 | 17 59 | 3 34 | 17 9 | 3 9 |
| F 19 | 12 43 | 2 56 | 4 41 | 10 22 | 1 30 | 9 29 | 1 27 | 10 33 | 0 15 | 21 26 | 0 33 | 0 25 | 2 9 | 11 4 | 0 48 | 10 17 | 0 32 | 20 10 | 1 27 | 17 51 | 17 58 | 3 37 | 17 9 | 3 9 |
| S 20 | 12 23 | 1s14 | 4 12 | 9 36 | 1 26 | 9 1 | 1 27 | 10 47 | 0 16 | 21 27 | 0 33 | 0 22 | 2 9 | 11 5 | 0 48 | 10 16 | 0 32 | 20 10 | 1 27 | 17 48 | 17 57 | 3 39 | 17 9 | 3 9 |
| S 21 | 12 3 | 5 19 | 3 33 | 8 51 | 1 21 | 8 33 | 1 27 | 11 1 | 0 17 | 21 28 | 0 32 | 0 20 | 2 9 | 11 6 | 0 48 | 10 15 | 0 32 | 20 9 | 1 27 | 17 45 | 17 56 | 3 41 | 17 9 | 3 10 |
| M22 | 11 43 | 9 12 | 2 45 | 8 5 | 1 16 | 8 4 | 1 26 | 11 15 | 0 17 | 21 28 | 0 32 | 0 17 | 2 9 | 11 7 | 0 48 | 10 14 | 0 32 | 20 9 | 1 27 | 17 44 | 17 56 | 3 43 | 17 9 | 3 10 |
| T 23 | 11 23 | 12 44 | 1 50 | 7 19 | 1 11 | 7 36 | 1 26 | 11 29 | 0 18 | 21 29 | 0 32 | 0 14 | 2 9 | 11 7 | 0 48 | 10 14 | 0 32 | 20 9 | 1 27 | 17 42 | 17 55 | 3 45 | 17 9 | 3 10 |
| W24 | 11 3 | 15 47 | 0 49 | 6 34 | 1 5 | 7 7 | 1 26 | 11 43 | 0 19 | 21 29 | 0 32 | 0 12 | 2 9 | 11 8 | 0 48 | 10 13 | 0 32 | 20 9 | 1 27 | 17 42 | 17 54 | 3 47 | 17 9 | 3 11 |
| T 25 | 10 42 | 18 12 | 0n15 | 5 48 | 0 59 | 6 38 | 1 25 | 11 57 | 0 20 | 21 30 | 0 32 | 0 9 | 2 9 | 11 9 | 0 48 | 10 12 | 0 32 | 20 9 | 1 26 | 17 42 | 17 53 | 3 49 | 17 8 | 3 11 |
| F 26 | 10 21 | 19 48 | 1 20 | 5 2 | 0 52 | 6 8 | 1 25 | 12 11 | 0 20 | 21 31 | 0 31 | 0 6 | 2 9 | 11 10 | 0 48 | 10 11 | 0 32 | 20 9 | 1 26 | 17 42 | 17 52 | 3 52 | 17 8 | 3 11 |
| S 27 | 10 1 | 20 28 | 2 22 | 4 17 | 0 46 | 5 39 | 1 24 | 12 24 | 0 21 | 21 31 | 0 31 | 0 4 | 2 8 | 11 11 | 0 48 | 10 10 | 0 32 | 20 8 | 1 26 | 17 42 | 17 51 | 3 54 | 17 8 | 3 11 |
| S 28 | 9 40 | 20 3 | 3 19 | 3 31 | 0 39 | 5 9 | 1 23 | 12 38 | 0 22 | 21 32 | 0 31 | 0 1 | 2 8 | 11 12 | 0 48 | 10 10 | 0 32 | 20 8 | 1 26 | 17 41 | 17 50 | 3 56 | 17 8 | 3 12 |
| M29 | 9 18 | 18 29 | 4 7 | 2 46 | 0 32 | 4 39 | 1 22 | 12 52 | 0 23 | 21 33 | 0 31 | 0s 2 | 2 8 | 11 13 | 0 48 | 10 9 | 0 32 | 20 8 | 1 26 | 17 40 | 17 50 | 3 58 | 17 8 | 3 12 |
| T 30 | 8 57 | 15 46 | 4 42 | 2 1 | 0 24 | 4 10 | 1 22 | 13 6 | 0 23 | 21 33 | 0 31 | 0 5 | 2 8 | 11 13 | 0 48 | 10 8 | 0 32 | 20 8 | 1 26 | 17 38 | 17 49 | 4 0 | 17 8 | 3 12 |
| W31 | 8n36 | 11s59 | 5n 0 | 1n17 | 0n17 | 3n40 | 1n21 | 13s19 | 0s24 | 21s34 | 0n30 | 0s 7 | 2n 8 | 11s14 | 0s48 | 10n 7 | 0n32 | 20n 8 | 1s26 | 17s36 | 17s48 | 4s 2 | 17n 7 | 3s13 |

Julian Day Number = 2605889.5, Delta T = 09m44s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'54, Lahiri = 29°45'56


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## SEPTEMBER 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 41 7 | 8♍50'36 | 28♒13 | 28♍59 | 25♍ 7 | 5♏ 0 | 11♐19 | 5♎23 | 2°R38 | 5♍ 7 | 22♋16 | 19°R26 | 20♏19 | 1♎16 | 0♊47 | T 1 |
| F 2 | 22 45 3 | 9°48'28 | 13♓24 | 0♎31 | 26°21 | 5°38 | 11°23 | 5°30 | 2♓36 | 5° 9 | 22°17 | 19♏16 | 20°16 | 1°22 | 0°47 | F 2 |
| S 3 | 22 49 0 | 10°46'21 | 28°37 | 2° 1 | 27°35 | 6°17 | 11°28 | 5°37 | 2°34 | 5°12 | 22°19 | 19° 7 | 20°13 | 1°29 | 0°47 | S 3 |
| S 4 | 22 52 57 | 11°44'16 | 13♈44 | 3°31 | 28°49 | 6°55 | 11°32 | 5°44 | 2°31 | 5°14 | 22°20 | 19° 1 | 20°10 | 1°36 | 0°47 | S 4 |
| M 5 | 22 56 53 | 12°42'12 | 28°34 | 4°59 | 0♎ 2 | 7°34 | 11°37 | 5°51 | 2°29 | 5°16 | 22°21 | 18°57 | 20° 7 | 1°42 | 0°R47 | M 5 |
| T 6 | 23 0 50 | 13°40'11 | 13♉ 3 | 6°25 | 1°16 | 8°13 | 11°43 | 5°58 | 2°27 | 5°18 | 22°22 | 18°D56 | 20° 3 | 1°49 | 0°47 | T 6 |
| W 7 | 23 4 46 | 14°38'11 | 27° 6 | 7°50 | 2°30 | 8°52 | 11°48 | 6° 5 | 2°24 | 5°20 | 22°23 | 18°56 | 20° 0 | 1°56 | 0°47 | W 7 |
| T 8 | 23 8 43 | 15°36'13 | 10♊45 | 9°14 | 3°44 | 9°31 | 11°53 | 6°12 | 2°22 | 5°23 | 22°24 | 18°R56 | 19°57 | 2° 3 | 0°47 | T 8 |
| F 9 | 23 12 39 | 16°34'17 | 24° 1 | 10°36 | 4°58 | 10°10 | 11°59 | 6°19 | 2°20 | 5°25 | 22°25 | 18°56 | 19°54 | 2° 9 | 0°47 | F 9 |
| S 10 | 23 16 36 | 17°32'24 | 6♋57 | 11°57 | 6°12 | 10°49 | 12° 5 | 6°26 | 2°17 | 5°27 | 22°26 | 18°54 | 19°51 | 2°16 | 0°47 | S 10 |
| S 11 | 23 20 32 | 18°30'32 | 19°37 | 13°16 | 7°26 | 11°29 | 12°11 | 6°34 | 2°15 | 5°29 | 22°27 | 18°50 | 19°47 | 2°23 | 0°46 | S 11 |
| M12 | 23 24 29 | 19°28'41 | 2♌ 2 | 14°34 | 8°40 | 12° 8 | 12°17 | 6°41 | 2°13 | 5°31 | 22°28 | 18°44 | 19°44 | 2°29 | 0°46 | M12 |
| T 13 | 23 28 26 | 20°26'53 | 14°17 | 15°50 | 9°54 | 12°48 | 12°23 | 6°48 | 2°11 | 5°34 | 22°29 | 18°35 | 19°41 | 2°36 | 0°45 | T 13 |
| W14 | 23 32 22 | 21°25'07 | 26°24 | 17° 4 | 11° 7 | 13°27 | 12°29 | 6°55 | 2° 8 | 5°36 | 22°30 | 18°25 | 19°38 | 2°43 | 0°45 | W14 |
| T 15 | 23 36 19 | 22°23'22 | 8♍23 | 18°17 | 12°21 | 14° 7 | 12°36 | 7° 3 | 2° 6 | 5°38 | 22°30 | 18°14 | 19°35 | 2°49 | 0°44 | T 15 |
| F 16 | 23 40 15 | 23°21'39 | 20°18 | 19°28 | 13°35 | 14°47 | 12°43 | 7°10 | 2° 4 | 5°40 | 22°31 | 18° 3 | 19°32 | 2°56 | 0°44 | F 16 |
| S 17 | 23 44 12 | 24°19'58 | 2♎ 8 | 20°36 | 14°49 | 15°27 | 12°49 | 7°17 | 2° 2 | 5°42 | 22°32 | 17°54 | 19°28 | 3° 3 | 0°43 | S 17 |
| S 18 | 23 48 8 | 25°18'19 | 13°57 | 21°43 | 16° 3 | 16° 7 | 12°56 | 7°25 | 2° 0 | 5°44 | 22°33 | 17°47 | 19°25 | 3° 9 | 0°42 | S 18 |
| M19 | 23 52 5 | 26°16'41 | 25°46 | 22°48 | 17°17 | 16°47 | 13° 3 | 7°32 | 1°58 | 5°46 | 22°34 | 17°42 | 19°22 | 3°16 | 0°41 | M19 |
| T 20 | 23 56 1 | 27°15'05 | 7♏38 | 23°50 | 18°31 | 17°27 | 13°11 | 7°39 | 1°56 | 5°49 | 22°34 | 17°40 | 19°19 | 3°23 | 0°40 | T 20 |
| W21 | 23 59 58 | 28°13'31 | 19°35 | 24°50 | 19°44 | 18° 7 | 13°18 | 7°47 | 1°53 | 5°51 | 22°35 | 17°D39 | 19°16 | 3°29 | 0°39 | W21 |
| T 22 | 0 3 54 | 29°11'59 | 1♐42 | 25°47 | 20°58 | 18°47 | 13°25 | 7°54 | 1°51 | 5°53 | 22°36 | 17°40 | 19°13 | 3°36 | 0°38 | T 22 |
| F 23 | 0 7 51 | 0♎10'28 | 14° 3 | 26°41 | 22°12 | 19°28 | 13°33 | 8° 2 | 1°49 | 5°55 | 22°37 | 17°41 | 19° 9 | 3°43 | 0°37 | F 23 |
| S 24 | 0 11 48 | 1° 8'59 | 26°43 | 27°33 | 23°26 | 20° 8 | 13°41 | 8° 9 | 1°47 | 5°57 | 22°37 | 17°R42 | 19° 6 | 3°49 | 0°36 | S 24 |
| S 25 | 0 15 44 | 2° 7'31 | 9♑46 | 28°21 | 24°40 | 20°49 | 13°49 | 8°16 | 1°45 | 5°59 | 22°38 | 17°42 | 19° 3 | 3°56 | 0°35 | S 25 |
| M26 | 0 19 41 | 3° 6'05 | 23°15 | 29° 6 | 25°54 | 21°30 | 13°57 | 8°24 | 1°44 | 6° 1 | 22°39 | 17°40 | 19° 0 | 4° 3 | 0°34 | M26 |
| T 27 | 0 23 37 | 4° 4'40 | 7♒13 | 29°47 | 27° 7 | 22°10 | 14° 5 | 8°31 | 1°42 | 6° 3 | 22°39 | 17°36 | 18°57 | 4°10 | 0°32 | T 27 |
| W28 | 0 27 34 | 5° 3'18 | 21°40 | 0♏24 | 28°21 | 22°51 | 14°13 | 8°39 | 1°40 | 6° 5 | 22°40 | 17°31 | 18°53 | 4°16 | 0°31 | W28 |
| T 29 | 0 31 30 | 6° 1'56 | 6♓31 | 0°57 | 29°35 | 23°32 | 14°22 | 8°46 | 1°38 | 6° 7 | 22°41 | 17°25 | 18°50 | 4°23 | 0°30 | T 29 |
| F 30 | 0 35 27 | 7♎ 0'37 | 21♓39 | 1♏25 | 0♏49 | 24♏13 | 14♐30 | 8♎54 | 1♓36 | 6♍ 9 | 22♋41 | 17♏19 | 18♏47 | 4♎30 | 0♊28 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 8n14 | 7s23 | 4n59 | 0n32 | 0n 9 | 3n 9 | 1n20 | 13s33 | 0s25 | 21s35 | 0n30 | 0s10 | 2n 8 | 11s15 | 0s48 | 10n 6 | 0n32 | 20n 8 | 1s26 | 17s33 | 17s47 | 4s 4 | 17n 7 | 3s13 | |
| F 2 | 7 52 | 2 15 | 4 36 | 0s11 | 0 1 | 2 39 | 1 19 | 13 46 | 0 25 | 21 36 | 0 30 | 0 13 | 2 8 | 11 16 | 0 48 | 10 6 | 0 32 | 20 8 | 1 26 | 17 30 | 17 46 | 4 6 | 17 7 | 3 13 | |
| S 3 | 7 31 | 3n 2 | 3 54 | 0 55 | 0s 7 | 2 9 | 1 18 | 14 0 | 0 26 | 21 37 | 0 30 | 0 16 | 2 8 | 11 17 | 0 48 | 10 5 | 0 32 | 20 7 | 1 26 | 17 28 | 17 45 | 4 9 | 17 7 | 3 13 | |
| S 4 | 7 9 | 8 6 | 2 56 | 1 38 | 0 15 | 1 38 | 1 16 | 14 13 | 0 27 | 21 38 | 0 30 | 0 19 | 2 8 | 11 18 | 0 48 | 10 4 | 0 32 | 20 7 | 1 26 | 17 26 | 17 45 | 4 11 | 17 6 | 3 14 | |
| M 5 | 6 47 | 12 36 | 1 46 | 2 20 | 0 24 | 1 8 | 1 15 | 14 26 | 0 28 | 21 38 | 0 29 | 0 21 | 2 8 | 11 19 | 0 48 | 10 3 | 0 32 | 20 7 | 1 26 | 17 25 | 17 44 | 4 13 | 17 6 | 3 14 | |
| T 6 | 6 24 | 16 13 | 0 31 | 3 2 | 0 32 | 0 37 | 1 14 | 14 40 | 0 28 | 21 39 | 0 29 | 0 24 | 2 8 | 11 19 | 0 48 | 10 2 | 0 32 | 20 7 | 1 26 | 17 25 | 17 43 | 4 15 | 17 6 | 3 14 | |
| W 7 | 6 2 | 18 46 | 0s44 | 3 44 | 0 41 | 0 7 | 1 12 | 14 53 | 0 29 | 21 40 | 0 29 | 0 27 | 2 8 | 11 20 | 0 48 | 10 2 | 0 32 | 20 7 | 1 26 | 17 25 | 17 42 | 4 17 | 17 5 | 3 15 | |
| T 8 | 5 40 | 20 8 | 1 54 | 4 24 | 0 49 | 0s24 | 1 11 | 15 6 | 0 30 | 21 41 | 0 29 | 0 30 | 2 8 | 11 21 | 0 48 | 10 1 | 0 32 | 20 7 | 1 26 | 17 25 | 17 41 | 4 19 | 17 5 | 3 15 | |
| F 9 | 5 17 | 20 19 | 2 56 | 5 4 | 0 58 | 0 54 | 1 10 | 15 19 | 0 30 | 21 42 | 0 29 | 0 33 | 2 8 | 11 22 | 0 48 | 10 0 | 0 32 | 20 7 | 1 26 | 17 25 | 17 40 | 4 21 | 17 5 | 3 15 | |
| S 10 | 4 55 | 19 25 | 3 47 | 5 44 | 1 6 | 1 25 | 1 8 | 15 32 | 0 31 | 21 43 | 0 29 | 0 36 | 2 8 | 11 23 | 0 48 | 9 59 | 0 32 | 20 6 | 1 26 | 17 24 | 17 39 | 4 23 | 17 4 | 3 16 | |
| S 11 | 4 32 | 17 34 | 4 26 | 6 23 | 1 15 | 1 55 | 1 6 | 15 45 | 0 32 | 21 44 | 0 28 | 0 39 | 2 8 | 11 23 | 0 48 | 9 58 | 0 32 | 20 6 | 1 26 | 17 23 | 17 39 | 4 25 | 17 4 | 3 16 | |
| M12 | 4 9 | 14 55 | 4 52 | 7 1 | 1 24 | 2 26 | 1 5 | 15 57 | 0 32 | 21 45 | 0 28 | 0 41 | 2 8 | 11 24 | 0 48 | 9 58 | 0 32 | 20 6 | 1 26 | 17 21 | 17 38 | 4 28 | 17 4 | 3 16 | |
| T 13 | 3 47 | 11 39 | 5 4 | 7 38 | 1 32 | 2 57 | 1 3 | 16 10 | 0 33 | 21 46 | 0 28 | 0 44 | 2 8 | 11 25 | 0 48 | 9 57 | 0 32 | 20 6 | 1 26 | 17 19 | 17 37 | 4 30 | 17 3 | 3 16 | |
| W14 | 3 24 | 7 57 | 5 2 | 8 15 | 1 41 | 3 27 | 1 1 | 16 22 | 0 34 | 21 47 | 0 28 | 0 47 | 2 8 | 11 26 | 0 48 | 9 56 | 0 32 | 20 6 | 1 26 | 17 16 | 17 36 | 4 32 | 17 3 | 3 17 | |
| T 15 | 3 1 | 3 59 | 4 46 | 8 50 | 1 49 | 3 57 | 1 0 | 16 35 | 0 34 | 21 48 | 0 28 | 0 50 | 2 8 | 11 27 | 0 48 | 9 55 | 0 32 | 20 6 | 1 26 | 17 13 | 17 35 | 4 34 | 17 3 | 3 17 | |
| F 16 | 2 38 | 0s 8 | 4 18 | 9 25 | 1 58 | 4 28 | 0 58 | 16 47 | 0 35 | 21 49 | 0 27 | 0 53 | 2 8 | 11 27 | 0 48 | 9 55 | 0 32 | 20 6 | 1 26 | 17 10 | 17 34 | 4 36 | 17 2 | 3 17 | |
| S 17 | 2 15 | 4 12 | 3 39 | 9 59 | 2 6 | 4 58 | 0 56 | 17 0 | 0 35 | 21 50 | 0 27 | 0 56 | 2 7 | 11 28 | 0 48 | 9 54 | 0 32 | 20 6 | 1 26 | 17 8 | 17 33 | 4 38 | 17 2 | 3 18 | |
| S 18 | 1 52 | 8 7 | 2 51 | 10 32 | 2 15 | 5 28 | 0 54 | 17 12 | 0 36 | 21 51 | 0 27 | 0 59 | 2 7 | 11 29 | 0 48 | 9 53 | 0 32 | 20 6 | 1 26 | 17 6 | 17 33 | 4 40 | 17 1 | 3 18 | |
| M19 | 1 29 | 11 43 | 1 55 | 11 3 | 2 23 | 5 58 | 0 52 | 17 24 | 0 37 | 21 52 | 0 27 | 1 2 | 2 7 | 11 30 | 0 48 | 9 52 | 0 32 | 20 5 | 1 26 | 17 4 | 17 32 | 4 42 | 17 1 | 3 18 | |
| T 20 | 1 5 | 14 52 | 0 54 | 11 34 | 2 31 | 6 28 | 0 50 | 17 36 | 0 37 | 21 53 | 0 27 | 1 5 | 2 7 | 11 30 | 0 48 | 9 52 | 0 32 | 20 5 | 1 26 | 17 4 | 17 31 | 4 44 | 17 0 | 3 19 | |
| W21 | 0 42 | 17 25 | 0n10 | 12 3 | 2 39 | 6 58 | 0 48 | 17 48 | 0 38 | 21 54 | 0 27 | 1 8 | 2 7 | 11 31 | 0 48 | 9 51 | 0 32 | 20 5 | 1 26 | 17 3 | 17 30 | 4 46 | 17 0 | 3 19 | |
| T 22 | 0 19 | 19 13 | 1 15 | 12 31 | 2 46 | 7 28 | 0 45 | 17 59 | 0 39 | 21 55 | 0 26 | 1 10 | 2 7 | 11 32 | 0 48 | 9 50 | 0 32 | 20 5 | 1 26 | 17 4 | 17 29 | 4 48 | 16 59 | 3 19 | |
| F 23 | 0s 4 | 20 9 | 2 18 | 12 58 | 2 54 | 7 57 | 0 43 | 18 11 | 0 39 | 21 56 | 0 26 | 1 13 | 2 7 | 11 32 | 0 48 | 9 49 | 0 32 | 20 5 | 1 26 | 17 4 | 17 28 | 4 51 | 16 59 | 3 19 | |
| S 24 | 0 27 | 20 5 | 3 15 | 13 23 | 3 1 | 8 27 | 0 41 | 18 22 | 0 40 | 21 57 | 0 26 | 1 16 | 2 7 | 11 33 | 0 48 | 9 49 | 0 32 | 20 5 | 1 26 | 17 4 | 17 27 | 4 53 | 16 58 | 3 20 | |
| S 25 | 0 51 | 18 57 | 4 5 | 13 47 | 3 7 | 8 56 | 0 39 | 18 34 | 0 40 | 21 59 | 0 26 | 1 19 | 2 7 | 11 34 | 0 48 | 9 48 | 0 32 | 20 5 | 1 26 | 17 4 | 17 27 | 4 55 | 16 58 | 3 20 | |
| M26 | 1 14 | 16 45 | 4 42 | 14 9 | 3 14 | 9 25 | 0 36 | 18 45 | 0 41 | 22 0 | 0 26 | 1 22 | 2 7 | 11 35 | 0 47 | 9 47 | 0 32 | 20 5 | 1 25 | 17 4 | 17 26 | 4 57 | 16 57 | 3 20 | |
| T 27 | 1 37 | 13 30 | 5 5 | 14 29 | 3 20 | 9 54 | 0 34 | 18 56 | 0 41 | 22 1 | 0 26 | 1 25 | 2 7 | 11 35 | 0 47 | 9 46 | 0 32 | 20 5 | 1 25 | 17 3 | 17 25 | 4 59 | 16 57 | 3 21 | |
| W28 | 2 0 | 9 22 | 5 9 | 14 47 | 3 25 | 10 23 | 0 31 | 19 7 | 0 42 | 22 2 | 0 25 | 1 28 | 2 7 | 11 36 | 0 47 | 9 46 | 0 32 | 20 5 | 1 25 | 17 1 | 17 24 | 5 1 | 16 56 | 3 21 | |
| T 29 | 2 23 | 4 34 | 4 53 | 15 4 | 3 30 | 10 51 | 0 29 | 19 18 | 0 43 | 22 3 | 0 25 | 1 31 | 2 8 | 11 36 | 0 47 | 9 45 | 0 32 | 20 5 | 1 25 | 16 59 | 17 23 | 5 3 | 16 56 | 3 21 | |
| F 30 | 2s47 | 0n38 | 4n16 | 15s18 | 3s35 | 11s19 | 0n26 | 19s29 | 0s43 | 22s 4 | 0n25 | 1s34 | 2n 8 | 11s37 | 0s47 | 9n44 | 0n32 | 20n 5 | 1s25 | 16s58 | 17s22 | 5s 5 | 16n55 | 3s21 | |

Julian Day Number = 2605920.5, Delta T = 09m44s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°38'58, Lahiri = 29°46'00


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## OCTOBER 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 39 23 | 7♎59'19 | 6♈56 | 1♏48 | 2♏ 2 | 24♏54 | 14♐39 | 9♎ 1 | 1°R34 | 6♍11 | 22♋42 | 17°R14 | 18♏44 | 4♎36 | 0°R26 | S 1 |
| S 2 | 0 43 20 | 8°58'04 | 22°11 | 2° 5 | 3°16 | 25°36 | 14°48 | 9° 8 | 1♓33 | 6°13 | 22°42 | 17♏10 | 18°41 | 4°43 | 0♊25 | S 2 |
| M 3 | 0 47 17 | 9°56'50 | 7♉12 | 2°17 | 4°30 | 26°17 | 14°57 | 9°16 | 1°31 | 6°15 | 22°43 | 17° 8 | 18°38 | 4°50 | 0°23 | M 3 |
| T 4 | 0 51 13 | 10°55'39 | 21°54 | 2°R23 | 5°43 | 26°58 | 15° 6 | 9°23 | 1°29 | 6°17 | 22°43 | 17°D 8 | 18°34 | 4°56 | 0°21 | T 4 |
| W 5 | 0 55 10 | 11°54'30 | 6♊10 | 2°21 | 6°57 | 27°40 | 15°15 | 9°31 | 1°28 | 6°19 | 22°44 | 17° 9 | 18°31 | 5° 3 | 0°20 | W 5 |
| T 6 | 0 59 6 | 12°53'23 | 19°59 | 2°13 | 8°11 | 28°21 | 15°24 | 9°38 | 1°26 | 6°20 | 22°44 | 17°10 | 18°28 | 5°10 | 0°18 | T 6 |
| F 7 | 1 3 3 | 13°52'18 | 3♋21 | 1°58 | 9°25 | 29° 3 | 15°33 | 9°46 | 1°24 | 6°22 | 22°44 | 17°11 | 18°25 | 5°16 | 0°16 | F 7 |
| S 8 | 1 6 59 | 14°51'16 | 16°19 | 1°35 | 10°38 | 29°44 | 15°43 | 9°53 | 1°23 | 6°24 | 22°45 | 17°R12 | 18°22 | 5°23 | 0°14 | S 8 |
| S 9 | 1 10 56 | 15°50'16 | 28°57 | 1° 4 | 11°52 | 0♑26 | 15°52 | 10° 1 | 1°21 | 6°26 | 22°45 | 17°11 | 18°19 | 5°30 | 0°12 | S 9 |
| M10 | 1 14 52 | 16°49'18 | 11♌18 | 0°26 | 13° 6 | 1° 8 | 16° 2 | 10° 8 | 1°20 | 6°28 | 22°46 | 17° 9 | 18°15 | 5°36 | 0°10 | M10 |
| T 11 | 1 18 49 | 17°48'23 | 23°27 | 29♎40 | 14°19 | 1°50 | 16°12 | 10°15 | 1°18 | 6°29 | 22°46 | 17° 5 | 18°12 | 5°43 | 0° 8 | T 11 |
| W12 | 1 22 46 | 18°47'29 | 5♍26 | 28°47 | 15°33 | 2°32 | 16°22 | 10°23 | 1°17 | 6°31 | 22°46 | 17° 1 | 18° 9 | 5°50 | 0° 6 | W12 |
| T 13 | 1 26 42 | 19°46'38 | 17°19 | 27°48 | 16°46 | 3°14 | 16°32 | 10°30 | 1°16 | 6°33 | 22°46 | 16°56 | 18° 6 | 5°56 | 0° 4 | T 13 |
| F 14 | 1 30 39 | 20°45'49 | 29°10 | 26°43 | 18° 0 | 3°56 | 16°42 | 10°38 | 1°14 | 6°35 | 22°47 | 16°51 | 18° 3 | 6° 3 | 0° 1 | F 14 |
| S 15 | 1 34 35 | 21°45'02 | 10♎59 | 25°35 | 19°14 | 4°38 | 16°52 | 10°45 | 1°13 | 6°36 | 22°47 | 16°47 | 17°59 | 6°10 | 29♉59 | S 15 |
| S 16 | 1 38 32 | 22°44'17 | 22°50 | 24°24 | 20°27 | 5°21 | 17° 2 | 10°52 | 1°12 | 6°38 | 22°47 | 16°44 | 17°56 | 6°16 | 29°57 | S 16 |
| M17 | 1 42 28 | 23°43'35 | 4♏43 | 23°13 | 21°41 | 6° 3 | 17°13 | 11° 0 | 1°11 | 6°40 | 22°47 | 16°42 | 17°53 | 6°23 | 29°54 | M17 |
| T 18 | 1 46 25 | 24°42'54 | 16°42 | 22° 4 | 22°54 | 6°46 | 17°23 | 11° 7 | 1°10 | 6°41 | 22°47 | 16°D41 | 17°50 | 6°30 | 29°52 | T 18 |
| W19 | 1 50 21 | 25°42'15 | 28°48 | 20°57 | 24° 8 | 7°28 | 17°34 | 11°14 | 1° 9 | 6°43 | 22°47 | 16°42 | 17°47 | 6°36 | 29°49 | W19 |
| T 20 | 1 54 18 | 26°41'38 | 11♐ 4 | 19°56 | 25°22 | 8°11 | 17°44 | 11°22 | 1° 7 | 6°45 | 22°48 | 16°43 | 17°44 | 6°43 | 29°47 | T 20 |
| F 21 | 1 58 15 | 27°41'03 | 23°32 | 19° 3 | 26°35 | 8°54 | 17°55 | 11°29 | 1° 6 | 6°46 | 22°48 | 16°45 | 17°40 | 6°50 | 29°44 | F 21 |
| S 22 | 2 2 11 | 28°40'30 | 6♑17 | 18°18 | 27°49 | 9°36 | 18° 6 | 11°36 | 1° 6 | 6°48 | 22°48 | 16°46 | 17°37 | 6°57 | 29°42 | S 22 |
| S 23 | 2 6 8 | 29°39'59 | 19°19 | 17°42 | 29° 2 | 10°19 | 18°17 | 11°43 | 1° 5 | 6°49 | 22°R48 | 16°47 | 17°34 | 7° 3 | 29°39 | S 23 |
| M24 | 2 10 4 | 0♏39'29 | 2♒44 | 17°18 | 0♐16 | 11° 2 | 18°28 | 11°51 | 1° 4 | 6°51 | 22°48 | 16°R47 | 17°31 | 7°10 | 29°36 | M24 |
| T 25 | 2 14 1 | 1°39'01 | 16°31 | 17° 4 | 1°29 | 11°45 | 18°39 | 11°58 | 1° 3 | 6°52 | 22°48 | 16°47 | 17°28 | 7°17 | 29°34 | T 25 |
| W26 | 2 17 57 | 2°38'34 | 0♓43 | 17°D 2 | 2°43 | 12°28 | 18°50 | 12° 5 | 1° 2 | 6°54 | 22°48 | 16°46 | 17°24 | 7°23 | 29°31 | W26 |
| T 27 | 2 21 54 | 3°38'10 | 15°17 | 17°10 | 3°56 | 13°12 | 19° 2 | 12°12 | 1° 1 | 6°55 | 22°48 | 16°44 | 17°21 | 7°30 | 29°28 | T 27 |
| F 28 | 2 25 50 | 4°37'47 | 0♈ 8 | 17°29 | 5° 9 | 13°55 | 19°13 | 12°19 | 1° 1 | 6°56 | 22°47 | 16°43 | 17°18 | 7°37 | 29°25 | F 28 |
| S 29 | 2 29 47 | 5°37'25 | 15°10 | 17°58 | 6°23 | 14°38 | 19°24 | 12°26 | 1° 0 | 6°58 | 22°47 | 16°41 | 17°15 | 7°43 | 29°23 | S 29 |
| S 30 | 2 33 43 | 6°37'06 | 0♉16 | 18°37 | 7°36 | 15°22 | 19°36 | 12°33 | 1° 0 | 6°59 | 22°47 | 16°40 | 17°12 | 7°50 | 29°20 | S 30 |
| M31 | 2 37 40 | 7♏36'49 | 15♉15 | 19♎24 | 8♐50 | 16♐ 5 | 19♐48 | 12♎40 | 0♓59 | 7♍ 0 | 22♋47 | 16°D40 | 17♏ 9 | 7♎57 | 29♉17 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s10 | 5n50 | 3n21 | 15s29 | 3s38 | 11s47 | 0n24 | 19s39 | 0s44 | 22s 5 | 0n25 | 1s37 | 2n 8 | 11s38 | 0s47 | 9n44 | 0n32 | 20n 4 | 1s25 | 16s56 | 17s21 | 5s 7 | 16n54 | 3s22 |
| S 2 | 3 33 | 10 39 | 2 12 | 15 38 | 3 41 | 12 14 | 0 21 | 19 50 | 0 44 | 22 6 | 0 25 | 1 40 | 2 8 | 11 38 | 0 47 | 9 43 | 0 32 | 20 4 | 1 25 | 16 55 | 17 20 | 5 9 | 16 54 | 3 22 |
| M 3 | 3 56 | 14 44 | 0 54 | 15 44 | 3 43 | 12 42 | 0 19 | 20 0 | 0 45 | 22 8 | 0 25 | 1 42 | 2 8 | 11 39 | 0 47 | 9 42 | 0 32 | 20 4 | 1 25 | 16 55 | 17 20 | 5 11 | 16 53 | 3 22 |
| T 4 | 4 19 | 17 47 | 0s26 | 15 47 | 3 44 | 13 9 | 0 16 | 20 10 | 0 45 | 22 9 | 0 24 | 1 45 | 2 8 | 11 39 | 0 47 | 9 41 | 0 32 | 20 4 | 1 25 | 16 55 | 17 19 | 5 13 | 16 53 | 3 22 |
| W 5 | 4 42 | 19 37 | 1 42 | 15 46 | 3 44 | 13 36 | 0 13 | 20 20 | 0 46 | 22 10 | 0 24 | 1 48 | 2 8 | 11 40 | 0 47 | 9 41 | 0 32 | 20 4 | 1 25 | 16 55 | 17 18 | 5 15 | 16 52 | 3 23 |
| T 6 | 5 5 | 20 11 | 2 50 | 15 42 | 3 43 | 14 2 | 0 11 | 20 30 | 0 46 | 22 11 | 0 24 | 1 51 | 2 8 | 11 41 | 0 47 | 9 40 | 0 33 | 20 4 | 1 25 | 16 55 | 17 17 | 5 17 | 16 51 | 3 23 |
| F 7 | 5 28 | 19 34 | 3 46 | 15 34 | 3 40 | 14 28 | 0 8 | 20 40 | 0 47 | 22 12 | 0 24 | 1 54 | 2 8 | 11 41 | 0 47 | 9 39 | 0 33 | 20 4 | 1 25 | 16 56 | 17 16 | 5 20 | 16 51 | 3 23 |
| S 8 | 5 50 | 17 56 | 4 29 | 15 23 | 3 36 | 14 54 | 0 5 | 20 49 | 0 47 | 22 13 | 0 24 | 1 57 | 2 8 | 11 42 | 0 47 | 9 39 | 0 33 | 20 4 | 1 25 | 16 56 | 17 15 | 5 22 | 16 50 | 3 24 |
| S 9 | 6 13 | 15 28 | 4 57 | 15 7 | 3 31 | 15 19 | 0 2 | 20 59 | 0 48 | 22 15 | 0 24 | 2 0 | 2 8 | 11 42 | 0 47 | 9 38 | 0 33 | 20 4 | 1 25 | 16 55 | 17 14 | 5 24 | 16 49 | 3 24 |
| M10 | 6 36 | 12 21 | 5 11 | 14 46 | 3 23 | 15 44 | 0s 0 | 21 8 | 0 48 | 22 16 | 0 24 | 2 3 | 2 8 | 11 43 | 0 47 | 9 37 | 0 33 | 20 4 | 1 25 | 16 55 | 17 13 | 5 26 | 16 49 | 3 24 |
| T 11 | 6 58 | 8 46 | 5 11 | 14 21 | 3 14 | 16 9 | 0 3 | 21 17 | 0 49 | 22 17 | 0 23 | 2 5 | 2 8 | 11 43 | 0 47 | 9 37 | 0 33 | 20 4 | 1 25 | 16 54 | 17 13 | 5 28 | 16 48 | 3 24 |
| W12 | 7 21 | 4 53 | 4 57 | 13 52 | 3 3 | 16 33 | 0 6 | 21 26 | 0 49 | 22 18 | 0 23 | 2 8 | 2 8 | 11 44 | 0 47 | 9 36 | 0 33 | 20 4 | 1 25 | 16 53 | 17 12 | 5 30 | 16 47 | 3 25 |
| T 13 | 7 43 | 0 51 | 4 30 | 13 19 | 2 50 | 16 57 | 0 9 | 21 34 | 0 50 | 22 19 | 0 23 | 2 11 | 2 8 | 11 44 | 0 47 | 9 36 | 0 33 | 20 4 | 1 25 | 16 51 | 17 11 | 5 32 | 16 47 | 3 25 |
| F 14 | 8 5 | 3s13 | 3 52 | 12 42 | 2 36 | 17 20 | 0 12 | 21 43 | 0 50 | 22 20 | 0 23 | 2 14 | 2 8 | 11 44 | 0 47 | 9 35 | 0 33 | 20 4 | 1 25 | 16 50 | 17 10 | 5 34 | 16 46 | 3 25 |
| S 15 | 8 27 | 7 10 | 3 4 | 12 2 | 2 19 | 17 43 | 0 14 | 21 51 | 0 51 | 22 21 | 0 23 | 2 17 | 2 8 | 11 45 | 0 47 | 9 34 | 0 33 | 20 4 | 1 25 | 16 49 | 17 9 | 5 36 | 16 45 | 3 25 |
| S 16 | 8 49 | 10 50 | 2 8 | 11 19 | 2 1 | 18 6 | 0 17 | 21 59 | 0 51 | 22 23 | 0 23 | 2 20 | 2 8 | 11 45 | 0 47 | 9 34 | 0 33 | 20 4 | 1 25 | 16 48 | 17 8 | 5 38 | 16 45 | 3 26 |
| M17 | 9 11 | 14 6 | 1 6 | 10 35 | 1 42 | 18 28 | 0 20 | 22 7 | 0 52 | 22 24 | 0 23 | 2 22 | 2 8 | 11 46 | 0 47 | 9 33 | 0 33 | 20 4 | 1 25 | 16 47 | 17 7 | 5 40 | 16 44 | 3 26 |
| T 18 | 9 33 | 16 47 | 0n 0 | 9 51 | 1 22 | 18 50 | 0 23 | 22 15 | 0 52 | 22 25 | 0 22 | 2 25 | 2 8 | 11 46 | 0 47 | 9 33 | 0 33 | 20 4 | 1 25 | 16 47 | 17 6 | 5 42 | 16 43 | 3 26 |
| W19 | 9 55 | 18 46 | 1 6 | 9 7 | 1 2 | 19 11 | 0 26 | 22 22 | 0 53 | 22 26 | 0 22 | 2 28 | 2 8 | 11 46 | 0 47 | 9 32 | 0 33 | 20 4 | 1 25 | 16 47 | 17 6 | 5 44 | 16 42 | 3 26 |
| T 20 | 10 16 | 19 53 | 2 11 | 8 25 | 0 41 | 19 31 | 0 29 | 22 30 | 0 53 | 22 27 | 0 22 | 2 31 | 2 9 | 11 47 | 0 47 | 9 31 | 0 33 | 20 4 | 1 25 | 16 48 | 17 5 | 5 46 | 16 42 | 3 26 |
| F 21 | 10 38 | 20 4 | 3 10 | 7 46 | 0 21 | 19 52 | 0 32 | 22 37 | 0 54 | 22 28 | 0 22 | 2 33 | 2 9 | 11 47 | 0 47 | 9 31 | 0 33 | 20 4 | 1 25 | 16 48 | 17 4 | 5 48 | 16 41 | 3 27 |
| S 22 | 10 59 | 19 13 | 4 1 | 7 10 | 0 1 | 20 11 | 0 35 | 22 44 | 0 54 | 22 29 | 0 22 | 2 36 | 2 9 | 11 47 | 0 47 | 9 30 | 0 33 | 20 4 | 1 25 | 16 48 | 17 3 | 5 50 | 16 40 | 3 27 |
| S 23 | 11 20 | 17 21 | 4 41 | 6 39 | 0n18 | 20 30 | 0 37 | 22 50 | 0 54 | 22 30 | 0 22 | 2 39 | 2 9 | 11 48 | 0 47 | 9 30 | 0 33 | 20 4 | 1 25 | 16 49 | 17 2 | 5 52 | 16 39 | 3 27 |
| M24 | 11 41 | 14 31 | 5 7 | 6 14 | 0 36 | 20 49 | 0 40 | 22 57 | 0 55 | 22 32 | 0 22 | 2 42 | 2 9 | 11 48 | 0 47 | 9 29 | 0 33 | 20 4 | 1 25 | 16 49 | 17 1 | 5 54 | 16 39 | 3 27 |
| T 25 | 12 1 | 10 48 | 5 17 | 5 54 | 0 52 | 21 7 | 0 43 | 23 3 | 0 55 | 22 33 | 0 21 | 2 44 | 2 9 | 11 48 | 0 47 | 9 29 | 0 33 | 20 4 | 1 25 | 16 49 | 17 0 | 5 56 | 16 38 | 3 28 |
| W26 | 12 22 | 6 24 | 5 7 | 5 39 | 1 6 | 21 24 | 0 46 | 23 9 | 0 56 | 22 34 | 0 21 | 2 47 | 2 9 | 11 48 | 0 47 | 9 28 | 0 33 | 20 4 | 1 25 | 16 48 | 16 59 | 5 58 | 16 37 | 3 28 |
| T 27 | 12 42 | 1 30 | 4 38 | 5 30 | 1 19 | 21 41 | 0 49 | 23 15 | 0 56 | 22 35 | 0 21 | 2 50 | 2 9 | 11 49 | 0 47 | 9 28 | 0 33 | 20 4 | 1 25 | 16 48 | 16 58 | 6 0 | 16 36 | 3 28 |
| F 28 | 13 2 | 3n35 | 3 50 | 5 27 | 1 31 | 21 57 | 0 52 | 23 21 | 0 56 | 22 36 | 0 21 | 2 52 | 2 9 | 11 49 | 0 47 | 9 27 | 0 33 | 20 4 | 1 25 | 16 47 | 16 57 | 6 2 | 16 35 | 3 28 |
| S 29 | 13 22 | 8 31 | 2 46 | 5 29 | 1 41 | 22 13 | 0 54 | 23 27 | 0 57 | 22 37 | 0 21 | 2 55 | 2 9 | 11 49 | 0 47 | 9 27 | 0 33 | 20 4 | 1 25 | 16 47 | 16 57 | 6 4 | 16 35 | 3 28 |
| S 30 | 13 42 | 12 56 | 1 30 | 5 36 | 1 49 | 22 28 | 0 57 | 23 32 | 0 57 | 22 38 | 0 21 | 2 58 | 2 10 | 11 49 | 0 47 | 9 26 | 0 33 | 20 4 | 1 25 | 16 47 | 16 56 | 6 6 | 16 34 | 3 29 |
| M31 | 14s 1 | 16n30 | 0n 8 | 5s48 | 1n55 | 22s43 | 1s 0 | 23s37 | 0s58 | 22s39 | 0n21 | 3s 0 | 2n10 | 11s49 | 0s46 | 9n26 | 0n33 | 20n 4 | 1s25 | 16s47 | 16s55 | 6s 8 | 16n33 | 3s29 |

Julian Day Number = 2605950.5, Delta T = 09m45s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'03, Lahiri = 29°46'04


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## NOVEMBER 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 37 | 8♏36'33 | 29♉59 | 20♎18 | 10♐ 3 | 16♐48 | 19♐59 | 12♎47 | 0°R59 | 7♍ 2 | 22°R47 | 16♏40 | 17♏ 5 | 8♎ 3 | 29°R14 | T 1 |
| W 2 | 2 45 33 | 9°36'20 | 14♊22 | 21°20 | 11°16 | 17°32 | 20°11 | 12°54 | 0♓58 | 7° 3 | 22♋47 | 16°41 | 17° 2 | 8°10 | 29♉11 | W 2 |
| T 3 | 2 49 30 | 10°36'09 | 28°19 | 22°27 | 12°30 | 18°16 | 20°23 | 13° 1 | 0°58 | 7° 4 | 22°46 | 16°41 | 16°59 | 8°17 | 29° 8 | T 3 |
| F 4 | 2 53 26 | 11°36'00 | 11♋50 | 23°40 | 13°43 | 18°59 | 20°35 | 13° 8 | 0°57 | 7° 5 | 22°46 | 16°42 | 16°56 | 8°23 | 29° 5 | F 4 |
| S 5 | 2 57 23 | 12°35'54 | 24°56 | 24°57 | 14°56 | 19°43 | 20°47 | 13°15 | 0°57 | 7° 6 | 22°46 | 16°42 | 16°53 | 8°30 | 29° 2 | S 5 |
| S 6 | 3 1 19 | 13°35'49 | 7♌38 | 26°17 | 16° 9 | 20°27 | 20°59 | 13°22 | 0°57 | 7° 7 | 22°46 | 16°43 | 16°50 | 8°37 | 28°59 | S 6 |
| M 7 | 3 5 16 | 14°35'47 | 20° 1 | 27°42 | 17°23 | 21°11 | 21°11 | 13°29 | 0°57 | 7° 9 | 22°45 | 16°R43 | 16°46 | 8°43 | 28°56 | M 7 |
| T 8 | 3 9 12 | 15°35'46 | 2♍ 8 | 29° 8 | 18°36 | 21°55 | 21°23 | 13°35 | 0°57 | 7°10 | 22°45 | 16°43 | 16°43 | 8°50 | 28°53 | T 8 |
| W 9 | 3 13 9 | 16°35'48 | 14° 5 | 0♏37 | 19°49 | 22°39 | 21°35 | 13°42 | 0°57 | 7°11 | 22°44 | 16°D43 | 16°40 | 8°57 | 28°50 | W 9 |
| T 10 | 3 17 6 | 17°35'52 | 25°56 | 2° 8 | 21° 2 | 23°23 | 21°48 | 13°49 | 0°D57 | 7°12 | 22°44 | 16°43 | 16°37 | 9° 3 | 28°46 | T 10 |
| F 11 | 3 21 2 | 18°35'58 | 7♎45 | 3°41 | 22°16 | 24° 8 | 22° 0 | 13°55 | 0°57 | 7°13 | 22°44 | 16°43 | 16°34 | 9°10 | 28°43 | F 11 |
| S 12 | 3 24 59 | 19°36'06 | 19°35 | 5°14 | 23°29 | 24°52 | 22°12 | 14° 2 | 0°57 | 7°14 | 22°43 | 16°43 | 16°30 | 9°17 | 28°40 | S 12 |
| S 13 | 3 28 55 | 20°36'15 | 1♏30 | 6°49 | 24°42 | 25°36 | 22°25 | 14° 8 | 0°57 | 7°14 | 22°43 | 16°43 | 16°27 | 9°23 | 28°37 | S 13 |
| M14 | 3 32 52 | 21°36'27 | 13°31 | 8°24 | 25°55 | 26°21 | 22°37 | 14°15 | 0°57 | 7°15 | 22°42 | 16°R43 | 16°24 | 9°30 | 28°34 | M14 |
| T 15 | 3 36 48 | 22°36'41 | 25°42 | 10° 0 | 27° 8 | 27° 5 | 22°50 | 14°21 | 0°57 | 7°16 | 22°42 | 16°43 | 16°21 | 9°37 | 28°30 | T 15 |
| W16 | 3 40 45 | 23°36'56 | 8♐ 3 | 11°36 | 28°21 | 27°50 | 23° 2 | 14°27 | 0°57 | 7°17 | 22°41 | 16°43 | 16°18 | 9°43 | 28°27 | W16 |
| T 17 | 3 44 41 | 24°37'13 | 20°35 | 13°13 | 29°34 | 28°34 | 23°15 | 14°34 | 0°58 | 7°18 | 22°41 | 16°42 | 16°15 | 9°50 | 28°24 | T 17 |
| F 18 | 3 48 38 | 25°37'32 | 3♑20 | 14°49 | 0♑47 | 29°19 | 23°28 | 14°40 | 0°58 | 7°19 | 22°40 | 16°41 | 16°11 | 9°57 | 28°21 | F 18 |
| S 19 | 3 52 35 | 26°37'52 | 16°19 | 16°26 | 2° 0 | 0♑ 4 | 23°41 | 14°46 | 0°59 | 7°19 | 22°39 | 16°40 | 16° 8 | 10° 3 | 28°18 | S 19 |
| S 20 | 3 56 31 | 27°38'14 | 29°32 | 18° 3 | 3°13 | 0°49 | 23°54 | 14°52 | 0°59 | 7°20 | 22°39 | 16°38 | 16° 5 | 10°10 | 28°14 | S 20 |
| M21 | 4 0 28 | 28°38'37 | 13♒ 1 | 19°40 | 4°26 | 1°34 | 24° 6 | 14°59 | 1° 0 | 7°21 | 22°38 | 16°38 | 16° 2 | 10°17 | 28°11 | M21 |
| T 22 | 4 4 24 | 29°39'01 | 26°45 | 21°16 | 5°39 | 2°18 | 24°19 | 15° 5 | 1° 0 | 7°21 | 22°37 | 16°D37 | 15°59 | 10°23 | 28° 8 | T 22 |
| W23 | 4 8 21 | 0♐39'27 | 10♓45 | 22°53 | 6°52 | 3° 3 | 24°32 | 15°11 | 1° 1 | 7°22 | 22°37 | 16°37 | 15°56 | 10°30 | 28° 5 | W23 |
| T 24 | 4 12 17 | 1°39'54 | 25° 0 | 24°29 | 8° 5 | 3°48 | 24°45 | 15°16 | 1° 2 | 7°22 | 22°36 | 16°38 | 15°52 | 10°37 | 28° 1 | T 24 |
| F 25 | 4 16 14 | 2°40'22 | 9♈28 | 26° 5 | 9°18 | 4°34 | 24°58 | 15°22 | 1° 2 | 7°23 | 22°35 | 16°39 | 15°49 | 10°43 | 27°58 | F 25 |
| S 26 | 4 20 10 | 3°40'51 | 24° 5 | 27°41 | 10°30 | 5°19 | 25°11 | 15°28 | 1° 3 | 7°23 | 22°35 | 16°40 | 15°46 | 10°50 | 27°55 | S 26 |
| S 27 | 4 24 7 | 4°41'22 | 8♉46 | 29°17 | 11°43 | 6° 4 | 25°25 | 15°34 | 1° 4 | 7°24 | 22°34 | 16°41 | 15°43 | 10°57 | 27°52 | S 27 |
| M28 | 4 28 4 | 5°41'54 | 23°25 | 0♐53 | 12°56 | 6°49 | 25°38 | 15°40 | 1° 5 | 7°24 | 22°33 | 16°R41 | 15°40 | 11° 3 | 27°49 | M28 |
| T 29 | 4 32 0 | 6°42'28 | 7♊56 | 2°28 | 14° 8 | 7°35 | 25°51 | 15°45 | 1° 6 | 7°25 | 22°32 | 16°40 | 15°36 | 11°10 | 27°45 | T 29 |
| W30 | 4 35 57 | 7♐43'03 | 22♊13 | 4♐ 3 | 15♑21 | 8♑20 | 26♐ 4 | 15♎51 | 1♓ 7 | 7♍25 | 22♋31 | 16♏38 | 15♏33 | 11♎17 | 27♉42 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s20 | 18n54 | 1s13 | 6s 3 | 2n 0 | 22s56 | 1s 3 | 23s42 | 0s58 | 22s40 | 0n21 | 3s 3 | 2n10 | 11s50 | 0s46 | 9n25 | 0n33 | 20n 4 | 1s25 | 16s47 | 16s54 | 6s10 | 16n32 | 3s29 |
| W 2 | 14 39 | 20 1 | 2 28 | 6 23 | 2 4 | 23 10 | 1 6 | 23 46 | 0 58 | 22 41 | 0 20 | 3 5 | 2 10 | 11 50 | 0 46 | 9 25 | 0 33 | 20 4 | 1 25 | 16 47 | 16 53 | 6 12 | 16 31 | 3 29 |
| T 3 | 14 58 | 19 51 | 3 31 | 6 45 | 2 7 | 23 22 | 1 8 | 23 50 | 0 59 | 22 42 | 0 20 | 3 8 | 2 10 | 11 50 | 0 46 | 9 25 | 0 33 | 20 5 | 1 25 | 16 47 | 16 52 | 6 14 | 16 31 | 3 29 |
| F 4 | 15 17 | 18 31 | 4 21 | 7 11 | 2 8 | 23 34 | 1 11 | 23 55 | 0 59 | 22 43 | 0 20 | 3 11 | 2 10 | 11 50 | 0 46 | 9 24 | 0 33 | 20 5 | 1 24 | 16 47 | 16 51 | 6 16 | 16 30 | 3 29 |
| S 5 | 15 35 | 16 15 | 4 55 | 7 38 | 2 8 | 23 45 | 1 13 | 23 58 | 0 59 | 22 44 | 0 20 | 3 13 | 2 10 | 11 50 | 0 46 | 9 24 | 0 33 | 20 5 | 1 24 | 16 47 | 16 50 | 6 18 | 16 29 | 3 30 |
| S 6 | 15 53 | 13 15 | 5 14 | 8 8 | 2 8 | 23 56 | 1 16 | 24 2 | 1 0 | 22 45 | 0 20 | 3 16 | 2 10 | 11 50 | 0 46 | 9 23 | 0 33 | 20 5 | 1 24 | 16 47 | 16 49 | 6 20 | 16 28 | 3 30 |
| M 7 | 16 11 | 9 45 | 5 17 | 8 40 | 2 6 | 24 5 | 1 19 | 24 5 | 1 0 | 22 46 | 0 20 | 3 18 | 2 11 | 11 50 | 0 46 | 9 23 | 0 33 | 20 5 | 1 24 | 16 47 | 16 49 | 6 22 | 16 27 | 3 30 |
| T 8 | 16 28 | 5 55 | 5 6 | 9 12 | 2 4 | 24 15 | 1 21 | 24 9 | 1 0 | 22 47 | 0 20 | 3 21 | 2 11 | 11 50 | 0 46 | 9 23 | 0 33 | 20 5 | 1 24 | 16 47 | 16 48 | 6 24 | 16 27 | 3 30 |
| W 9 | 16 46 | 1 54 | 4 42 | 9 46 | 2 1 | 24 23 | 1 24 | 24 11 | 1 1 | 22 47 | 0 20 | 3 23 | 2 11 | 11 50 | 0 46 | 9 22 | 0 33 | 20 5 | 1 24 | 16 47 | 16 47 | 6 26 | 16 26 | 3 30 |
| T 10 | 17 2 | 2s10 | 4 6 | 10 21 | 1 58 | 24 31 | 1 26 | 24 14 | 1 1 | 22 48 | 0 19 | 3 25 | 2 11 | 11 50 | 0 46 | 9 22 | 0 33 | 20 5 | 1 24 | 16 47 | 16 46 | 6 28 | 16 25 | 3 30 |
| F 11 | 17 19 | 6 8 | 3 20 | 10 56 | 1 54 | 24 38 | 1 28 | 24 17 | 1 1 | 22 49 | 0 19 | 3 28 | 2 11 | 11 50 | 0 46 | 9 22 | 0 33 | 20 5 | 1 24 | 16 47 | 16 45 | 6 30 | 16 24 | 3 30 |
| S 12 | 17 36 | 9 53 | 2 25 | 11 31 | 1 49 | 24 44 | 1 31 | 24 19 | 1 2 | 22 50 | 0 19 | 3 30 | 2 11 | 11 50 | 0 46 | 9 21 | 0 33 | 20 5 | 1 24 | 16 48 | 16 44 | 6 32 | 16 23 | 3 31 |
| S 13 | 17 52 | 13 16 | 1 24 | 12 7 | 1 44 | 24 50 | 1 33 | 24 21 | 1 2 | 22 51 | 0 19 | 3 33 | 2 11 | 11 50 | 0 46 | 9 21 | 0 33 | 20 5 | 1 24 | 16 48 | 16 43 | 6 34 | 16 23 | 3 31 |
| M14 | 18 7 | 16 9 | 0 18 | 12 43 | 1 39 | 24 55 | 1 35 | 24 22 | 1 2 | 22 52 | 0 19 | 3 35 | 2 12 | 11 50 | 0 46 | 9 21 | 0 33 | 20 6 | 1 24 | 16 48 | 16 42 | 6 36 | 16 22 | 3 31 |
| T 15 | 18 23 | 18 20 | 0n50 | 13 18 | 1 33 | 24 59 | 1 38 | 24 24 | 1 3 | 22 52 | 0 19 | 3 37 | 2 12 | 11 50 | 0 46 | 9 20 | 0 34 | 20 6 | 1 24 | 16 48 | 16 41 | 6 38 | 16 21 | 3 31 |
| W16 | 18 38 | 19 42 | 1 56 | 13 53 | 1 28 | 25 2 | 1 40 | 24 25 | 1 3 | 22 53 | 0 19 | 3 40 | 2 12 | 11 49 | 0 46 | 9 20 | 0 34 | 20 6 | 1 24 | 16 48 | 16 40 | 6 40 | 16 20 | 3 31 |
| T 17 | 18 53 | 20 6 | 2 57 | 14 28 | 1 21 | 25 5 | 1 42 | 24 26 | 1 3 | 22 54 | 0 19 | 3 42 | 2 12 | 11 49 | 0 46 | 9 20 | 0 34 | 20 6 | 1 24 | 16 47 | 16 39 | 6 42 | 16 19 | 3 31 |
| F 18 | 19 7 | 19 30 | 3 51 | 15 3 | 1 15 | 25 7 | 1 44 | 24 26 | 1 3 | 22 55 | 0 19 | 3 44 | 2 12 | 11 49 | 0 46 | 9 20 | 0 34 | 20 6 | 1 24 | 16 47 | 16 39 | 6 44 | 16 18 | 3 31 |
| S 19 | 19 21 | 17 52 | 4 34 | 15 37 | 1 9 | 25 8 | 1 46 | 24 27 | 1 4 | 22 56 | 0 18 | 3 46 | 2 12 | 11 49 | 0 46 | 9 19 | 0 34 | 20 6 | 1 24 | 16 47 | 16 38 | 6 46 | 16 18 | 3 31 |
| S 20 | 19 35 | 15 15 | 5 3 | 16 10 | 1 2 | 25 8 | 1 48 | 24 27 | 1 4 | 22 56 | 0 18 | 3 48 | 2 13 | 11 49 | 0 46 | 9 19 | 0 34 | 20 6 | 1 24 | 16 46 | 16 37 | 6 48 | 16 17 | 3 32 |
| M21 | 19 49 | 11 49 | 5 16 | 16 43 | 0 55 | 25 8 | 1 50 | 24 27 | 1 4 | 22 57 | 0 18 | 3 51 | 2 13 | 11 48 | 0 46 | 9 19 | 0 34 | 20 6 | 1 24 | 16 46 | 16 36 | 6 50 | 16 16 | 3 32 |
| T 22 | 20 2 | 7 40 | 5 12 | 17 15 | 0 49 | 25 7 | 1 51 | 24 26 | 1 4 | 22 58 | 0 18 | 3 53 | 2 13 | 11 48 | 0 46 | 9 19 | 0 34 | 20 7 | 1 24 | 16 46 | 16 35 | 6 52 | 16 15 | 3 32 |
| W23 | 20 14 | 3 3 | 4 49 | 17 46 | 0 42 | 25 5 | 1 53 | 24 25 | 1 5 | 22 58 | 0 18 | 3 55 | 2 13 | 11 48 | 0 46 | 9 19 | 0 34 | 20 7 | 1 24 | 16 46 | 16 34 | 6 54 | 16 14 | 3 32 |
| T 24 | 20 27 | 1n50 | 4 9 | 18 17 | 0 35 | 25 3 | 1 55 | 24 25 | 1 5 | 22 59 | 0 18 | 3 57 | 2 13 | 11 48 | 0 46 | 9 18 | 0 34 | 20 7 | 1 24 | 16 46 | 16 33 | 6 56 | 16 14 | 3 32 |
| F 25 | 20 39 | 6 41 | 3 12 | 18 46 | 0 28 | 25 0 | 1 56 | 24 23 | 1 5 | 22 59 | 0 18 | 3 59 | 2 13 | 11 47 | 0 46 | 9 18 | 0 34 | 20 7 | 1 24 | 16 46 | 16 32 | 6 58 | 16 13 | 3 32 |
| S 26 | 20 50 | 11 12 | 2 2 | 19 15 | 0 21 | 24 56 | 1 58 | 24 22 | 1 5 | 23 0 | 0 18 | 4 1 | 2 14 | 11 47 | 0 46 | 9 18 | 0 34 | 20 7 | 1 24 | 16 47 | 16 31 | 7 0 | 16 12 | 3 32 |
| S 27 | 21 1 | 15 5 | 0 44 | 19 43 | 0 14 | 24 51 | 1 59 | 24 20 | 1 6 | 23 1 | 0 18 | 4 3 | 2 14 | 11 47 | 0 45 | 9 18 | 0 34 | 20 7 | 1 24 | 16 47 | 16 30 | 7 2 | 16 11 | 3 32 |
| M28 | 21 12 | 17 59 | 0s37 | 20 10 | 0 7 | 24 46 | 2 1 | 24 18 | 1 6 | 23 1 | 0 17 | 4 5 | 2 14 | 11 46 | 0 45 | 9 18 | 0 34 | 20 7 | 1 24 | 16 47 | 16 29 | 7 4 | 16 11 | 3 32 |
| T 29 | 21 23 | 19 42 | 1 55 | 20 36 | 0 0 | 24 39 | 2 2 | 24 16 | 1 6 | 23 2 | 0 17 | 4 7 | 2 14 | 11 46 | 0 45 | 9 18 | 0 34 | 20 8 | 1 24 | 16 47 | 16 28 | 7 5 | 16 10 | 3 32 |
| W30 | 21s33 | 20n 6 | 3s 4 | 21s 1 | 0s 6 | 24s33 | 2s 3 | 24s13 | 1s 6 | 23s 2 | 0n17 | 4s 9 | 2n14 | 11s46 | 0s45 | 9n18 | 0n34 | 20n 8 | 1s24 | 16s46 | 16s28 | 7s 7 | 16n 9 | 3s32 |

Julian Day Number = 2605981.5, Delta T = 09m45s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'07, Lahiri = 29°46'08


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# ASTRODIENST EPHEMERIS for the year 2422
# geocentric

## DECEMBER 2422 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 39 53 | 8♐43'40 | 6♋10 | 5♐38 | 16♑33 | 9♑ 5 | 26♐18 | 15♎56 | 1♓ 8 | 7♍25 | 22°R31 | 16°R35 | 15♏30 | 11♎23 | 27°R39 | T 1 |
| F 2 | 4 43 50 | 9°44'18 | 19°43 | 7°13 | 17°46 | 9°51 | 26°31 | 16° 2 | 1° 9 | 7°26 | 22♋30 | 16♏32 | 15°27 | 11°30 | 27♉36 | F 2 |
| S 3 | 4 47 46 | 10°44'57 | 2♌54 | 8°48 | 18°58 | 10°36 | 26°44 | 16° 7 | 1°10 | 7°26 | 22°29 | 16°28 | 15°24 | 11°37 | 27°33 | S 3 |
| S 4 | 4 51 43 | 11°45'39 | 15°41 | 10°23 | 20°11 | 11°22 | 26°58 | 16°12 | 1°11 | 7°26 | 22°28 | 16°25 | 15°21 | 11°43 | 27°30 | S 4 |
| M 5 | 4 55 40 | 12°46'21 | 28° 7 | 11°57 | 21°23 | 12° 8 | 27°11 | 16°17 | 1°12 | 7°26 | 22°27 | 16°23 | 15°17 | 11°50 | 27°27 | M 5 |
| T 6 | 4 59 36 | 13°47'05 | 10♍17 | 13°32 | 22°35 | 12°53 | 27°24 | 16°23 | 1°14 | 7°26 | 22°26 | 16°D22 | 15°14 | 11°57 | 27°23 | T 6 |
| W 7 | 5 3 33 | 14°47'51 | 22°15 | 15° 6 | 23°48 | 13°39 | 27°38 | 16°28 | 1°15 | 7°26 | 22°25 | 16°22 | 15°11 | 12° 3 | 27°20 | W 7 |
| T 8 | 5 7 29 | 15°48'38 | 4♎ 5 | 16°40 | 25° 0 | 14°25 | 27°51 | 16°33 | 1°16 | 7°27 | 22°24 | 16°23 | 15° 8 | 12°10 | 27°17 | T 8 |
| F 9 | 5 11 26 | 16°49'27 | 15°54 | 18°14 | 26°12 | 15°11 | 28° 5 | 16°37 | 1°18 | 7°27 | 22°23 | 16°25 | 15° 5 | 12°17 | 27°14 | F 9 |
| S 10 | 5 15 22 | 17°50'17 | 27°45 | 19°49 | 27°24 | 15°57 | 28°18 | 16°42 | 1°19 | 7°R27 | 22°22 | 16°27 | 15° 2 | 12°23 | 27°11 | S 10 |
| S 11 | 5 19 19 | 18°51'08 | 9♏44 | 21°23 | 28°36 | 16°43 | 28°32 | 16°47 | 1°21 | 7°27 | 22°21 | 16°28 | 14°58 | 12°30 | 27° 8 | S 11 |
| M12 | 5 23 15 | 19°52'01 | 21°53 | 22°57 | 29°48 | 17°29 | 28°45 | 16°52 | 1°22 | 7°27 | 22°20 | 16°R28 | 14°55 | 12°37 | 27° 6 | M12 |
| T 13 | 5 27 12 | 20°52'55 | 4♐16 | 24°31 | 1♒ 0 | 18°15 | 28°59 | 16°56 | 1°24 | 7°26 | 22°19 | 16°27 | 14°52 | 12°43 | 27° 3 | T 13 |
| W14 | 5 31 9 | 21°53'50 | 16°53 | 26° 5 | 2°12 | 19° 1 | 29°13 | 17° 1 | 1°26 | 7°26 | 22°18 | 16°23 | 14°49 | 12°50 | 27° 0 | W14 |
| T 15 | 5 35 5 | 22°54'46 | 29°47 | 27°39 | 3°24 | 19°47 | 29°26 | 17° 5 | 1°27 | 7°26 | 22°17 | 16°18 | 14°46 | 12°57 | 26°57 | T 15 |
| F 16 | 5 39 2 | 23°55'43 | 12♑56 | 29°13 | 4°36 | 20°33 | 29°40 | 17°10 | 1°29 | 7°26 | 22°16 | 16°12 | 14°42 | 13° 4 | 26°54 | F 16 |
| S 17 | 5 42 58 | 24°56'41 | 26°19 | 0♑47 | 5°47 | 21°20 | 29°53 | 17°14 | 1°31 | 7°26 | 22°15 | 16° 5 | 14°39 | 13°10 | 26°51 | S 17 |
| S 18 | 5 46 55 | 25°57'40 | 9♒54 | 2°22 | 6°59 | 22° 6 | 0♑ 7 | 17°18 | 1°33 | 7°25 | 22°14 | 15°58 | 14°36 | 13°17 | 26°49 | S 18 |
| M19 | 5 50 51 | 26°58'39 | 23°40 | 3°56 | 8°11 | 22°52 | 0°21 | 17°22 | 1°35 | 7°25 | 22°13 | 15°53 | 14°33 | 13°24 | 26°46 | M19 |
| T 20 | 5 54 48 | 27°59'39 | 7♓34 | 5°30 | 9°22 | 23°39 | 0°34 | 17°26 | 1°37 | 7°25 | 22°12 | 15°49 | 14°30 | 13°30 | 26°43 | T 20 |
| W21 | 5 58 44 | 29° 0'39 | 21°34 | 7° 5 | 10°34 | 24°25 | 0°48 | 17°30 | 1°39 | 7°24 | 22°10 | 15°47 | 14°27 | 13°37 | 26°41 | W21 |
| T 22 | 6 2 41 | 0♑ 1'40 | 5♈40 | 8°39 | 11°45 | 25°12 | 1° 2 | 17°34 | 1°41 | 7°24 | 22° 9 | 15°D47 | 14°23 | 13°43 | 26°38 | T 22 |
| F 23 | 6 6 38 | 1° 2'41 | 19°49 | 10°13 | 12°56 | 25°58 | 1°15 | 17°38 | 1°43 | 7°24 | 22° 8 | 15°48 | 14°20 | 13°50 | 26°36 | F 23 |
| S 24 | 6 10 34 | 2° 3'42 | 4♉ 2 | 11°48 | 14° 7 | 26°45 | 1°29 | 17°41 | 1°45 | 7°23 | 22° 7 | 15°49 | 14°17 | 13°57 | 26°33 | S 24 |
| S 25 | 6 14 31 | 3° 4'44 | 18°15 | 13°22 | 15°18 | 27°31 | 1°43 | 17°45 | 1°47 | 7°23 | 22° 6 | 15°R50 | 14°14 | 14° 3 | 26°31 | S 25 |
| M26 | 6 18 27 | 4° 5'47 | 2♊26 | 14°57 | 16°29 | 28°18 | 1°56 | 17°48 | 1°49 | 7°22 | 22° 5 | 15°49 | 14°11 | 14°10 | 26°28 | M26 |
| T 27 | 6 22 24 | 5° 6'49 | 16°31 | 16°32 | 17°40 | 29° 5 | 2°10 | 17°52 | 1°51 | 7°22 | 22° 3 | 15°45 | 14° 8 | 14°17 | 26°26 | T 27 |
| W28 | 6 26 20 | 6° 7'53 | 0♋27 | 18° 6 | 18°51 | 29°51 | 2°24 | 17°55 | 1°54 | 7°21 | 22° 2 | 15°39 | 14° 4 | 14°23 | 26°24 | W28 |
| T 29 | 6 30 17 | 7° 8'57 | 14° 9 | 19°40 | 20° 1 | 0♒38 | 2°37 | 17°58 | 1°56 | 7°20 | 22° 1 | 15°31 | 14° 1 | 14°30 | 26°21 | T 29 |
| F 30 | 6 34 13 | 8°10'01 | 27°34 | 21°14 | 21°12 | 1°25 | 2°51 | 18° 1 | 1°58 | 7°20 | 22° 0 | 15°21 | 13°58 | 14°37 | 26°19 | F 30 |
| S 31 | 6 38 10 | 9♑11'06 | 10♌40 | 22♑48 | 22♒22 | 2♒11 | 3♑ 5 | 18♎ 4 | 2♓ 1 | 7♍19 | 21♋59 | 15♏12 | 13♏55 | 14♎43 | 26♉17 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21 s42 | 19n15 | 4 s 0 | 21 s25 | 0 s13 | 24 s25 | 2 s 4 | 24 s10 | 1 s 6 | 23 s 3 | 0n17 | 4 s11 | 2n15 | 11 s45 | 0 s45 | 9n17 | 0n34 | 20n 8 | 1 s24 | 16 s45 | 16 s27 | 7 s 9 | 16n 8 | 3 s32 |
| F 2 | 21 51 | 17 18 | 4 41 | 21 47 | 0 20 | 24 17 | 2 6 | 24 7 | 1 6 | 23 3 | 0 17 | 4 13 | 2 15 | 11 45 | 0 45 | 9 17 | 0 34 | 20 8 | 1 24 | 16 44 | 16 26 | 7 11 | 16 8 | 3 32 |
| S 3 | 22 0 | 14 30 | 5 6 | 22 9 | 0 26 | 24 8 | 2 7 | 24 4 | 1 7 | 23 4 | 0 17 | 4 15 | 2 15 | 11 44 | 0 45 | 9 17 | 0 34 | 20 8 | 1 24 | 16 43 | 16 25 | 7 13 | 16 7 | 3 32 |
| S 4 | 22 9 | 11 5 | 5 15 | 22 30 | 0 33 | 23 58 | 2 7 | 24 0 | 1 7 | 23 4 | 0 17 | 4 17 | 2 15 | 11 44 | 0 45 | 9 17 | 0 34 | 20 8 | 1 24 | 16 42 | 16 24 | 7 15 | 16 6 | 3 32 |
| M 5 | 22 17 | 7 17 | 5 8 | 22 49 | 0 39 | 23 48 | 2 8 | 23 57 | 1 7 | 23 4 | 0 17 | 4 18 | 2 15 | 11 43 | 0 45 | 9 17 | 0 34 | 20 9 | 1 23 | 16 42 | 16 23 | 7 17 | 16 5 | 3 33 |
| T 6 | 22 24 | 3 15 | 4 48 | 23 7 | 0 45 | 23 37 | 2 9 | 23 52 | 1 7 | 23 5 | 0 17 | 4 20 | 2 16 | 11 43 | 0 45 | 9 17 | 0 34 | 20 9 | 1 23 | 16 41 | 16 22 | 7 19 | 16 5 | 3 33 |
| W 7 | 22 31 | 0 s50 | 4 15 | 23 24 | 0 52 | 23 25 | 2 10 | 23 48 | 1 7 | 23 5 | 0 17 | 4 22 | 2 16 | 11 42 | 0 45 | 9 17 | 0 34 | 20 9 | 1 23 | 16 42 | 16 21 | 7 21 | 16 4 | 3 33 |
| T 8 | 22 38 | 4 52 | 3 32 | 23 40 | 0 58 | 23 13 | 2 10 | 23 43 | 1 7 | 23 5 | 0 16 | 4 24 | 2 16 | 11 42 | 0 45 | 9 17 | 0 34 | 20 9 | 1 23 | 16 42 | 16 20 | 7 23 | 16 3 | 3 33 |
| F 9 | 22 44 | 8 42 | 2 40 | 23 55 | 1 4 | 23 0 | 2 11 | 23 38 | 1 8 | 23 6 | 0 16 | 4 25 | 2 16 | 11 41 | 0 45 | 9 17 | 0 34 | 20 9 | 1 23 | 16 42 | 16 19 | 7 25 | 16 3 | 3 33 |
| S 10 | 22 50 | 12 13 | 1 41 | 24 9 | 1 9 | 22 46 | 2 11 | 23 33 | 1 8 | 23 6 | 0 16 | 4 27 | 2 17 | 11 41 | 0 45 | 9 17 | 0 34 | 20 10 | 1 23 | 16 43 | 16 18 | 7 27 | 16 2 | 3 33 |
| S 11 | 22 55 | 15 17 | 0 37 | 24 21 | 1 15 | 22 32 | 2 11 | 23 28 | 1 8 | 23 6 | 0 16 | 4 28 | 2 17 | 11 40 | 0 45 | 9 17 | 0 34 | 20 10 | 1 23 | 16 43 | 16 17 | 7 29 | 16 1 | 3 33 |
| M12 | 23 0 | 17 43 | 0n30 | 24 32 | 1 20 | 22 17 | 2 11 | 23 22 | 1 8 | 23 7 | 0 16 | 4 30 | 2 17 | 11 40 | 0 45 | 9 17 | 0 34 | 20 10 | 1 23 | 16 43 | 16 16 | 7 31 | 16 1 | 3 33 |
| T 13 | 23 4 | 19 23 | 1 36 | 24 41 | 1 25 | 22 1 | 2 11 | 23 16 | 1 8 | 23 7 | 0 16 | 4 32 | 2 17 | 11 39 | 0 45 | 9 17 | 0 34 | 20 10 | 1 23 | 16 43 | 16 16 | 7 32 | 16 0 | 3 33 |
| W14 | 23 8 | 20 7 | 2 38 | 24 50 | 1 30 | 21 45 | 2 11 | 23 10 | 1 8 | 23 7 | 0 16 | 4 33 | 2 17 | 11 38 | 0 45 | 9 17 | 0 34 | 20 10 | 1 23 | 16 42 | 16 15 | 7 34 | 15 59 | 3 33 |
| T 15 | 23 12 | 19 49 | 3 34 | 24 57 | 1 35 | 21 28 | 2 11 | 23 3 | 1 8 | 23 7 | 0 16 | 4 34 | 2 18 | 11 38 | 0 45 | 9 18 | 0 34 | 20 11 | 1 23 | 16 40 | 16 14 | 7 36 | 15 59 | 3 33 |
| F 16 | 23 15 | 18 27 | 4 20 | 25 3 | 1 40 | 21 11 | 2 11 | 22 56 | 1 8 | 23 7 | 0 16 | 4 36 | 2 18 | 11 37 | 0 45 | 9 18 | 0 34 | 20 11 | 1 23 | 16 39 | 16 13 | 7 38 | 15 58 | 3 33 |
| S 17 | 23 17 | 16 4 | 4 52 | 25 7 | 1 44 | 20 53 | 2 11 | 22 49 | 1 8 | 23 7 | 0 16 | 4 37 | 2 18 | 11 36 | 0 45 | 9 18 | 0 34 | 20 11 | 1 23 | 16 37 | 16 12 | 7 40 | 15 58 | 3 33 |
| S 18 | 23 19 | 12 46 | 5 8 | 25 10 | 1 48 | 20 35 | 2 10 | 22 42 | 1 8 | 23 7 | 0 16 | 4 39 | 2 18 | 11 36 | 0 45 | 9 18 | 0 34 | 20 11 | 1 23 | 16 35 | 16 11 | 7 42 | 15 57 | 3 33 |
| M19 | 23 21 | 8 46 | 5 7 | 25 11 | 1 52 | 20 16 | 2 10 | 22 34 | 1 8 | 23 7 | 0 15 | 4 40 | 2 19 | 11 35 | 0 45 | 9 18 | 0 35 | 20 12 | 1 23 | 16 33 | 16 10 | 7 44 | 15 56 | 3 33 |
| T 20 | 23 22 | 4 15 | 4 48 | 25 12 | 1 56 | 19 56 | 2 9 | 22 27 | 1 8 | 23 8 | 0 15 | 4 41 | 2 19 | 11 34 | 0 45 | 9 18 | 0 35 | 20 12 | 1 23 | 16 32 | 16 9 | 7 46 | 15 56 | 3 32 |
| W21 | 23 23 | 0n31 | 4 12 | 25 10 | 1 59 | 19 36 | 2 8 | 22 18 | 1 9 | 23 8 | 0 15 | 4 43 | 2 19 | 11 34 | 0 45 | 9 18 | 0 35 | 20 12 | 1 23 | 16 32 | 16 8 | 7 48 | 15 55 | 3 32 |
| T 22 | 23 23 | 5 18 | 3 20 | 25 8 | 2 2 | 19 16 | 2 7 | 22 10 | 1 9 | 23 8 | 0 15 | 4 44 | 2 19 | 11 33 | 0 45 | 9 18 | 0 35 | 20 12 | 1 23 | 16 32 | 16 7 | 7 50 | 15 55 | 3 32 |
| F 23 | 23 23 | 9 50 | 2 16 | 25 4 | 2 5 | 18 55 | 2 6 | 22 2 | 1 9 | 23 7 | 0 15 | 4 45 | 2 20 | 11 32 | 0 45 | 9 19 | 0 35 | 20 12 | 1 23 | 16 32 | 16 6 | 7 51 | 15 54 | 3 32 |
| S 24 | 23 22 | 13 50 | 1 3 | 24 58 | 2 7 | 18 33 | 2 5 | 21 53 | 1 9 | 23 7 | 0 15 | 4 46 | 2 20 | 11 31 | 0 45 | 9 19 | 0 35 | 20 13 | 1 23 | 16 32 | 16 5 | 7 53 | 15 54 | 3 32 |
| S 25 | 23 21 | 17 1 | 0 s13 | 24 51 | 2 9 | 18 11 | 2 4 | 21 44 | 1 9 | 23 7 | 0 15 | 4 47 | 2 20 | 11 31 | 0 45 | 9 19 | 0 35 | 20 13 | 1 23 | 16 32 | 16 4 | 7 55 | 15 53 | 3 32 |
| M26 | 23 19 | 19 9 | 1 28 | 24 43 | 2 11 | 17 49 | 2 3 | 21 34 | 1 9 | 23 7 | 0 15 | 4 48 | 2 20 | 11 30 | 0 44 | 9 19 | 0 35 | 20 13 | 1 23 | 16 32 | 16 3 | 7 57 | 15 53 | 3 32 |
| T 27 | 23 17 | 20 5 | 2 38 | 24 33 | 2 12 | 17 26 | 2 1 | 21 25 | 1 9 | 23 7 | 0 15 | 4 49 | 2 21 | 11 29 | 0 44 | 9 20 | 0 35 | 20 13 | 1 23 | 16 31 | 16 2 | 7 59 | 15 52 | 3 32 |
| W28 | 23 14 | 19 46 | 3 37 | 24 21 | 2 13 | 17 2 | 2 0 | 21 15 | 1 9 | 23 7 | 0 15 | 4 50 | 2 21 | 11 28 | 0 44 | 9 20 | 0 35 | 20 14 | 1 22 | 16 29 | 16 1 | 8 1 | 15 52 | 3 32 |
| T 29 | 23 11 | 18 17 | 4 22 | 24 8 | 2 13 | 16 39 | 1 58 | 21 5 | 1 9 | 23 7 | 0 15 | 4 51 | 2 21 | 11 27 | 0 44 | 9 20 | 0 35 | 20 14 | 1 22 | 16 27 | 16 1 | 8 3 | 15 51 | 3 32 |
| F 30 | 23 8 | 15 50 | 4 52 | 23 54 | 2 13 | 16 14 | 1 56 | 20 55 | 1 9 | 23 7 | 0 14 | 4 52 | 2 22 | 11 26 | 0 44 | 9 20 | 0 35 | 20 14 | 1 22 | 16 24 | 16 0 | 8 5 | 15 51 | 3 32 |
| S 31 | 23 s 4 | 12n37 | 5 s 5 | 23 s38 | 2 s12 | 15 s50 | 1 s55 | 20 s44 | 1 s 9 | 23 s 6 | 0n14 | 4 s53 | 2n22 | 11 s26 | 0 s44 | 9n21 | 0n35 | 20n14 | 1 s22 | 16 s21 | 15 s59 | 8 s 7 | 15n50 | 3 s32 |

Julian Day Number = 2606011.5, Delta T = 09m45s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'11, Lahiri = 29°46'12


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## JANUARY 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 42 7 | 10♑12'11 | 23♌26 | 24♑22 | 23♒32 | 2♒58 | 3♑18 | 18♎ 7 | 2♓ 3 | 7°R18 | 21°R57 | 15°R 2 | 13♏52 | 14♎50 | 26°R15 | S 1 |
| M 2 | 6 46 3 | 11°13'17 | 5♍54 | 25°55 | 24°42 | 3°45 | 3°32 | 18°10 | 2° 5 | 7♍17 | 21♋56 | 14♏55 | 13°48 | 14°57 | 26♉13 | M 2 |
| T 3 | 6 50 0 | 12°14'23 | 18° 5 | 27°27 | 25°52 | 4°32 | 3°46 | 18°12 | 2° 8 | 7°17 | 21°55 | 14°49 | 13°45 | 15° 3 | 26°11 | T 3 |
| W 4 | 6 53 56 | 13°15'30 | 0♎ 3 | 28°59 | 27° 2 | 5°19 | 3°59 | 18°15 | 2°10 | 7°16 | 21°54 | 14°46 | 13°42 | 15°10 | 26° 9 | W 4 |
| T 5 | 6 57 53 | 14°16'37 | 11°54 | 0♒30 | 28°12 | 6° 6 | 4°13 | 18°17 | 2°13 | 7°15 | 21°52 | 14°D45 | 13°39 | 15°17 | 26° 7 | T 5 |
| F 6 | 7 1 49 | 15°17'45 | 23°43 | 2° 0 | 29°22 | 6°53 | 4°26 | 18°20 | 2°16 | 7°14 | 21°51 | 14°45 | 13°36 | 15°23 | 26° 5 | F 6 |
| S 7 | 7 5 46 | 16°18'53 | 5♏34 | 3°28 | 0♓31 | 7°40 | 4°40 | 18°22 | 2°18 | 7°13 | 21°50 | 14°46 | 13°33 | 15°30 | 26° 3 | S 7 |
| S 8 | 7 9 42 | 17°20'02 | 17°34 | 4°55 | 1°40 | 8°27 | 4°53 | 18°24 | 2°21 | 7°12 | 21°49 | 14°R46 | 13°29 | 15°37 | 26° 2 | S 8 |
| M 9 | 7 13 39 | 18°21'11 | 29°47 | 6°19 | 2°50 | 9°14 | 5° 7 | 18°26 | 2°24 | 7°11 | 21°47 | 14°45 | 13°26 | 15°43 | 26° 0 | M 9 |
| T 10 | 7 17 36 | 19°22'21 | 12♐17 | 7°42 | 3°59 | 10° 1 | 5°20 | 18°28 | 2°26 | 7°10 | 21°46 | 14°41 | 13°23 | 15°50 | 25°58 | T 10 |
| W11 | 7 21 32 | 20°23'30 | 25° 7 | 9° 1 | 5° 8 | 10°48 | 5°34 | 18°30 | 2°29 | 7° 9 | 21°45 | 14°35 | 13°20 | 15°57 | 25°57 | W11 |
| T 12 | 7 25 29 | 21°24'40 | 8♑19 | 10°17 | 6°16 | 11°35 | 5°47 | 18°32 | 2°32 | 7° 8 | 21°44 | 14°26 | 13°17 | 16° 3 | 25°55 | T 12 |
| F 13 | 7 29 25 | 22°25'50 | 21°51 | 11°29 | 7°25 | 12°23 | 6° 1 | 18°34 | 2°35 | 7° 7 | 21°42 | 14°15 | 13°14 | 16°10 | 25°54 | F 13 |
| S 14 | 7 33 22 | 23°27'00 | 5♒42 | 12°36 | 8°33 | 13°10 | 6°14 | 18°35 | 2°37 | 7° 6 | 21°41 | 14° 3 | 13°10 | 16°17 | 25°53 | S 14 |
| S 15 | 7 37 18 | 24°28'09 | 19°45 | 13°38 | 9°42 | 13°57 | 6°28 | 18°37 | 2°40 | 7° 5 | 21°40 | 13°52 | 13° 7 | 16°23 | 25°51 | S 15 |
| M16 | 7 41 15 | 25°29'18 | 3♓58 | 14°34 | 10°50 | 14°44 | 6°41 | 18°38 | 2°43 | 7° 4 | 21°38 | 13°42 | 13° 4 | 16°30 | 25°50 | M16 |
| T 17 | 7 45 11 | 26°30'27 | 18°14 | 15°23 | 11°57 | 15°32 | 6°54 | 18°39 | 2°46 | 7° 3 | 21°37 | 13°34 | 13° 1 | 16°37 | 25°49 | T 17 |
| W18 | 7 49 8 | 27°31'35 | 2♈29 | 16° 3 | 13° 5 | 16°19 | 7° 8 | 18°40 | 2°49 | 7° 2 | 21°36 | 13°29 | 12°58 | 16°43 | 25°48 | W18 |
| T 19 | 7 53 5 | 28°32'43 | 16°40 | 16°35 | 14°12 | 17° 6 | 7°21 | 18°41 | 2°52 | 7° 0 | 21°35 | 13°27 | 12°54 | 16°50 | 25°47 | T 19 |
| F 20 | 7 57 1 | 29°33'50 | 0♉46 | 16°58 | 15°20 | 17°53 | 7°34 | 18°42 | 2°55 | 6°59 | 21°33 | 13°D26 | 12°51 | 16°57 | 25°46 | F 20 |
| S 21 | 8 0 58 | 0♒34'56 | 14°46 | 17° 9 | 16°27 | 18°41 | 7°47 | 18°43 | 2°58 | 6°58 | 21°32 | 13°R27 | 12°48 | 17° 3 | 25°45 | S 21 |
| S 22 | 8 4 54 | 1°36'02 | 28°38 | 17°R10 | 17°33 | 19°28 | 8° 0 | 18°44 | 3° 1 | 6°57 | 21°31 | 13°26 | 12°45 | 17°10 | 25°44 | S 22 |
| M23 | 8 8 51 | 2°37'07 | 12♊24 | 16°59 | 18°40 | 20°15 | 8°13 | 18°44 | 3° 4 | 6°55 | 21°30 | 13°23 | 12°42 | 17°17 | 25°43 | M23 |
| T 24 | 8 12 47 | 3°38'12 | 26° 3 | 16°36 | 19°46 | 21° 3 | 8°27 | 18°45 | 3° 7 | 6°54 | 21°28 | 13°18 | 12°39 | 17°23 | 25°43 | T 24 |
| W25 | 8 16 44 | 4°39'15 | 9♋32 | 16° 2 | 20°52 | 21°50 | 8°40 | 18°45 | 3°11 | 6°53 | 21°27 | 13° 9 | 12°35 | 17°30 | 25°42 | W25 |
| T 26 | 8 20 40 | 5°40'18 | 22°51 | 15°17 | 21°58 | 22°38 | 8°53 | 18°45 | 3°14 | 6°51 | 21°26 | 12°57 | 12°32 | 17°37 | 25°41 | T 26 |
| F 27 | 8 24 37 | 6°41'21 | 5♌57 | 14°22 | 23° 4 | 23°25 | 9° 5 | 18°45 | 3°17 | 6°50 | 21°25 | 12°44 | 12°29 | 17°43 | 25°41 | F 27 |
| S 28 | 8 28 34 | 7°42'22 | 18°49 | 13°18 | 24° 9 | 24°12 | 9°18 | 18°R45 | 3°20 | 6°48 | 21°24 | 12°30 | 12°26 | 17°50 | 25°40 | S 28 |
| S 29 | 8 32 30 | 8°43'24 | 1♍26 | 12° 8 | 25°14 | 25° 0 | 9°31 | 18°45 | 3°23 | 6°47 | 21°22 | 12°17 | 12°23 | 17°57 | 25°40 | S 29 |
| M30 | 8 36 27 | 9°44'24 | 13°47 | 10°53 | 26°18 | 25°47 | 9°44 | 18°45 | 3°27 | 6°46 | 21°21 | 12° 5 | 12°19 | 18° 3 | 25°40 | M30 |
| T 31 | 8 40 23 | 10♒45'24 | 25♍55 | 9♒36 | 27♓23 | 26♒35 | 9♑57 | 18♎45 | 3♓30 | 6♍44 | 21♋20 | 11♏56 | 12♏16 | 18♎10 | 25♉39 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s59 | 8n54 | 5s 3 | 23s21 | 2s11 | 15s25 | 1s53 | 20s34 | 1s 9 | 23s 6 | 0n14 | 4s54 | 2n22 | 11s25 | 0s44 | 9n21 | 0n35 | 20n15 | 1s22 | 16s19 | 15s58 | 8s 8 | 15n50 | 3s32 |
| M 2 | 22 55 | 4 54 | 4 46 | 23 2 | 2 10 | 15 0 | 1 51 | 20 23 | 1 9 | 23 6 | 0 14 | 4 55 | 2 22 | 11 24 | 0 44 | 9 21 | 0 35 | 20 15 | 1 22 | 16 16 | 15 57 | 8 10 | 15 50 | 3 32 |
| T 3 | 22 49 | 0 46 | 4 16 | 22 42 | 2 8 | 14 34 | 1 48 | 20 11 | 1 8 | 23 6 | 0 14 | 4 55 | 2 23 | 11 23 | 0 44 | 9 22 | 0 35 | 20 15 | 1 22 | 16 15 | 15 56 | 8 12 | 15 49 | 3 32 |
| W 4 | 22 43 | 3s20 | 3 36 | 22 21 | 2 5 | 14 8 | 1 46 | 20 0 | 1 8 | 23 5 | 0 14 | 4 56 | 2 23 | 11 22 | 0 44 | 9 22 | 0 35 | 20 15 | 1 22 | 16 14 | 15 55 | 8 14 | 15 49 | 3 32 |
| T 5 | 22 37 | 7 15 | 2 47 | 21 58 | 2 1 | 13 41 | 1 44 | 19 48 | 1 8 | 23 5 | 0 14 | 4 57 | 2 23 | 11 21 | 0 44 | 9 22 | 0 35 | 20 16 | 1 22 | 16 13 | 15 54 | 8 16 | 15 48 | 3 31 |
| F 6 | 22 30 | 10 53 | 1 50 | 21 34 | 1 57 | 13 15 | 1 41 | 19 37 | 1 8 | 23 5 | 0 14 | 4 57 | 2 23 | 11 20 | 0 44 | 9 23 | 0 35 | 20 16 | 1 22 | 16 13 | 15 53 | 8 18 | 15 48 | 3 31 |
| S 7 | 22 23 | 14 7 | 0 49 | 21 9 | 1 52 | 12 48 | 1 38 | 19 25 | 1 8 | 23 4 | 0 14 | 4 58 | 2 24 | 11 19 | 0 44 | 9 23 | 0 35 | 20 16 | 1 22 | 16 14 | 15 52 | 8 20 | 15 48 | 3 31 |
| S 8 | 22 16 | 16 47 | 0n15 | 20 43 | 1 47 | 12 21 | 1 36 | 19 12 | 1 8 | 23 4 | 0 14 | 4 59 | 2 24 | 11 18 | 0 44 | 9 23 | 0 35 | 20 16 | 1 22 | 16 14 | 15 51 | 8 21 | 15 48 | 3 31 |
| M 9 | 22 8 | 18 46 | 1 19 | 20 16 | 1 40 | 11 53 | 1 33 | 19 0 | 1 8 | 23 3 | 0 14 | 4 59 | 2 24 | 11 17 | 0 44 | 9 24 | 0 35 | 20 17 | 1 22 | 16 13 | 15 50 | 8 23 | 15 47 | 3 31 |
| T 10 | 21 59 | 19 53 | 2 21 | 19 48 | 1 33 | 11 25 | 1 30 | 18 47 | 1 8 | 23 3 | 0 14 | 5 0 | 2 25 | 11 16 | 0 44 | 9 24 | 0 35 | 20 17 | 1 22 | 16 12 | 15 49 | 8 25 | 15 47 | 3 31 |
| W11 | 21 50 | 20 0 | 3 18 | 19 20 | 1 25 | 10 57 | 1 27 | 18 34 | 1 8 | 23 2 | 0 13 | 5 0 | 2 25 | 11 15 | 0 44 | 9 24 | 0 35 | 20 17 | 1 22 | 16 11 | 15 48 | 8 27 | 15 47 | 3 31 |
| T 12 | 21 41 | 19 3 | 4 5 | 18 50 | 1 16 | 10 29 | 1 23 | 18 21 | 1 8 | 23 2 | 0 13 | 5 0 | 2 25 | 11 14 | 0 44 | 9 25 | 0 35 | 20 17 | 1 22 | 16 8 | 15 47 | 8 29 | 15 46 | 3 31 |
| F 13 | 21 31 | 17 1 | 4 40 | 18 21 | 1 6 | 10 0 | 1 20 | 18 8 | 1 8 | 23 1 | 0 13 | 5 1 | 2 25 | 11 13 | 0 44 | 9 25 | 0 35 | 20 18 | 1 22 | 16 5 | 15 46 | 8 31 | 15 46 | 3 31 |
| S 14 | 21 21 | 13 58 | 4 59 | 17 52 | 0 55 | 9 31 | 1 16 | 17 54 | 1 7 | 23 1 | 0 13 | 5 1 | 2 26 | 11 12 | 0 44 | 9 26 | 0 35 | 20 18 | 1 21 | 16 1 | 15 45 | 8 32 | 15 46 | 3 31 |
| S 15 | 21 10 | 10 6 | 5 0 | 17 22 | 0 43 | 9 3 | 1 13 | 17 41 | 1 7 | 23 0 | 0 13 | 5 1 | 2 26 | 11 11 | 0 44 | 9 26 | 0 35 | 20 18 | 1 21 | 15 58 | 15 44 | 8 34 | 15 46 | 3 30 |
| M16 | 21 0 | 5 37 | 4 44 | 16 54 | 0 30 | 8 33 | 1 9 | 17 27 | 1 7 | 23 0 | 0 13 | 5 2 | 2 26 | 11 10 | 0 44 | 9 27 | 0 35 | 20 18 | 1 21 | 15 55 | 15 43 | 8 36 | 15 46 | 3 30 |
| T 17 | 20 48 | 0 49 | 4 9 | 16 26 | 0 15 | 8 4 | 1 5 | 17 13 | 1 7 | 22 59 | 0 13 | 5 2 | 2 27 | 11 9 | 0 44 | 9 27 | 0 35 | 20 19 | 1 21 | 15 52 | 15 42 | 8 38 | 15 45 | 3 30 |
| W18 | 20 36 | 4n 2 | 3 19 | 15 59 | 0 0 | 7 35 | 1 1 | 16 58 | 1 7 | 22 59 | 0 13 | 5 2 | 2 27 | 11 8 | 0 44 | 9 27 | 0 35 | 20 19 | 1 21 | 15 51 | 15 41 | 8 40 | 15 45 | 3 30 |
| T 19 | 20 24 | 8 39 | 2 17 | 15 35 | 0n16 | 7 5 | 0 57 | 16 44 | 1 7 | 22 58 | 0 13 | 5 2 | 2 27 | 11 7 | 0 44 | 9 28 | 0 35 | 20 19 | 1 21 | 15 50 | 15 41 | 8 42 | 15 45 | 3 30 |
| F 20 | 20 12 | 12 45 | 1 7 | 15 12 | 0 33 | 6 35 | 0 53 | 16 29 | 1 7 | 22 57 | 0 13 | 5 2 | 2 27 | 11 5 | 0 44 | 9 28 | 0 35 | 20 20 | 1 21 | 15 50 | 15 40 | 8 43 | 15 45 | 3 30 |
| S 21 | 19 59 | 16 7 | 0s 7 | 14 51 | 0 50 | 6 5 | 0 49 | 16 15 | 1 6 | 22 57 | 0 13 | 5 2 | 2 28 | 11 4 | 0 44 | 9 29 | 0 35 | 20 20 | 1 21 | 15 50 | 15 39 | 8 45 | 15 45 | 3 30 |
| S 22 | 19 45 | 18 31 | 1 20 | 14 34 | 1 8 | 5 35 | 0 45 | 16 0 | 1 6 | 22 56 | 0 13 | 5 2 | 2 28 | 11 3 | 0 44 | 9 29 | 0 35 | 20 20 | 1 21 | 15 50 | 15 38 | 8 47 | 15 45 | 3 30 |
| M23 | 19 32 | 19 48 | 2 27 | 14 20 | 1 27 | 5 5 | 0 40 | 15 45 | 1 6 | 22 55 | 0 13 | 5 2 | 2 28 | 11 2 | 0 44 | 9 30 | 0 35 | 20 20 | 1 21 | 15 49 | 15 37 | 8 49 | 15 45 | 3 30 |
| T 24 | 19 18 | 19 55 | 3 25 | 14 9 | 1 45 | 4 35 | 0 35 | 15 29 | 1 6 | 22 54 | 0 12 | 5 2 | 2 29 | 11 1 | 0 44 | 9 30 | 0 35 | 20 21 | 1 21 | 15 47 | 15 36 | 8 51 | 15 45 | 3 29 |
| W25 | 19 3 | 18 52 | 4 11 | 14 2 | 2 4 | 4 5 | 0 31 | 15 14 | 1 6 | 22 54 | 0 12 | 5 2 | 2 29 | 11 0 | 0 44 | 9 31 | 0 35 | 20 21 | 1 21 | 15 45 | 15 35 | 8 52 | 15 45 | 3 29 |
| T 26 | 18 49 | 16 49 | 4 42 | 13 58 | 2 21 | 3 34 | 0 26 | 14 58 | 1 5 | 22 53 | 0 12 | 5 2 | 2 29 | 10 59 | 0 44 | 9 31 | 0 36 | 20 21 | 1 21 | 15 41 | 15 34 | 8 54 | 15 45 | 3 29 |
| F 27 | 18 33 | 13 55 | 4 58 | 13 58 | 2 37 | 3 4 | 0 21 | 14 42 | 1 5 | 22 52 | 0 12 | 5 2 | 2 29 | 10 58 | 0 44 | 9 32 | 0 36 | 20 21 | 1 21 | 15 37 | 15 33 | 8 56 | 15 45 | 3 29 |
| S 28 | 18 18 | 10 25 | 4 58 | 14 2 | 2 52 | 2 34 | 0 16 | 14 27 | 1 5 | 22 51 | 0 12 | 5 1 | 2 30 | 10 56 | 0 44 | 9 33 | 0 36 | 20 22 | 1 21 | 15 33 | 15 32 | 8 58 | 15 45 | 3 29 |
| S 29 | 18 2 | 6 31 | 4 44 | 14 9 | 3 5 | 2 3 | 0 11 | 14 11 | 1 5 | 22 50 | 0 12 | 5 1 | 2 30 | 10 55 | 0 44 | 9 33 | 0 36 | 20 22 | 1 20 | 15 29 | 15 31 | 9 0 | 15 45 | 3 29 |
| M30 | 17 46 | 2 25 | 4 16 | 14 19 | 3 16 | 1 33 | 0 5 | 13 54 | 1 5 | 22 50 | 0 12 | 5 1 | 2 30 | 10 54 | 0 44 | 9 34 | 0 36 | 20 22 | 1 20 | 15 26 | 15 30 | 9 2 | 15 45 | 3 29 |
| T 31 | 17s30 | 1s42 | 3s37 | 14s31 | 3n24 | 1s 2 | 0s 0 | 13s38 | 1s 4 | 22s49 | 0n12 | 5s 0 | 2n31 | 10s53 | 0s44 | 9n34 | 0n36 | 20n22 | 1s20 | 15s23 | 15s29 | 9s 3 | 15n45 | 3s29 |

Julian Day Number = 2606042.5, Delta T = 09m45s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'15, Lahiri = 29°46'17


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## FEBRUARY 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 44 20 | 11♒46'23 | 7♎53 | 8°R20 | 28♓27 | 27♒22 | 10♑ 9 | 18°R45 | 3♓33 | 6°R43 | 21°R19 | 11°R50 | 12♏13 | 18♎17 | 25°R39 | W 1 |
| T 2 | 8 48 16 | 12°47'22 | 19°43 | 7♒ 6 | 29°31 | 28° 9 | 10°22 | 18♎44 | 3°36 | 6♍41 | 21♋18 | 11♏46 | 12°10 | 18°23 | 25♉39 | T 2 |
| F 3 | 8 52 13 | 13°48'20 | 1♏30 | 5°56 | 0♈34 | 28°57 | 10°35 | 18°43 | 3°40 | 6°40 | 21°17 | 11°45 | 12° 7 | 18°30 | 25°D39 | F 3 |
| S 4 | 8 56 9 | 14°49'18 | 13°20 | 4°53 | 1°37 | 29°44 | 10°47 | 18°43 | 3°43 | 6°38 | 21°15 | 11°45 | 12° 4 | 18°37 | 25°39 | S 4 |
| S 5 | 9 0 6 | 15°50'15 | 25°18 | 3°56 | 2°40 | 0♓32 | 11° 0 | 18°42 | 3°46 | 6°37 | 21°14 | 11°44 | 12° 0 | 18°43 | 25°39 | S 5 |
| M 6 | 9 4 3 | 16°51'12 | 7♐31 | 3° 8 | 3°42 | 1°19 | 11°12 | 18°41 | 3°50 | 6°35 | 21°13 | 11°43 | 11°57 | 18°50 | 25°39 | M 6 |
| T 7 | 9 7 59 | 17°52'08 | 20° 2 | 2°28 | 4°44 | 2° 7 | 11°24 | 18°40 | 3°53 | 6°33 | 21°12 | 11°40 | 11°54 | 18°57 | 25°40 | T 7 |
| W 8 | 9 11 56 | 18°53'03 | 2♑56 | 1°57 | 5°46 | 2°54 | 11°37 | 18°39 | 3°56 | 6°32 | 21°11 | 11°34 | 11°51 | 19° 3 | 25°40 | W 8 |
| T 9 | 9 15 52 | 19°53'57 | 16°16 | 1°34 | 6°47 | 3°42 | 11°49 | 18°37 | 4° 0 | 6°30 | 21°10 | 11°25 | 11°48 | 19°10 | 25°40 | T 9 |
| F 10 | 9 19 49 | 20°54'50 | 0♒ 3 | 1°20 | 7°48 | 4°29 | 12° 1 | 18°36 | 4° 3 | 6°29 | 21° 9 | 11°14 | 11°45 | 19°17 | 25°41 | F 10 |
| S 11 | 9 23 45 | 21°55'43 | 14°12 | 1°D14 | 8°48 | 5°17 | 12°13 | 18°35 | 4° 6 | 6°27 | 21° 8 | 11° 1 | 11°41 | 19°23 | 25°41 | S 11 |
| S 12 | 9 27 42 | 22°56'34 | 28°40 | 1°16 | 9°48 | 6° 4 | 12°25 | 18°33 | 4°10 | 6°25 | 21° 7 | 10°49 | 11°38 | 19°30 | 25°42 | S 12 |
| M13 | 9 31 38 | 23°57'24 | 13♓20 | 1°25 | 10°47 | 6°52 | 12°37 | 18°31 | 4°13 | 6°24 | 21° 6 | 10°39 | 11°35 | 19°36 | 25°42 | M13 |
| T 14 | 9 35 35 | 24°58'13 | 28° 4 | 1°40 | 11°46 | 7°39 | 12°49 | 18°30 | 4°17 | 6°22 | 21° 5 | 10°30 | 11°32 | 19°43 | 25°43 | T 14 |
| W15 | 9 39 32 | 25°59'00 | 12♈43 | 2° 2 | 12°45 | 8°27 | 13° 1 | 18°28 | 4°20 | 6°21 | 21° 3 | 10°25 | 11°29 | 19°50 | 25°44 | W15 |
| T 16 | 9 43 28 | 26°59'46 | 27°14 | 2°30 | 13°43 | 9°14 | 13°12 | 18°26 | 4°24 | 6°19 | 21° 2 | 10°22 | 11°25 | 19°56 | 25°45 | T 16 |
| F 17 | 9 47 25 | 28° 0'30 | 11♉31 | 3° 2 | 14°40 | 10° 2 | 13°24 | 18°24 | 4°27 | 6°17 | 21° 2 | 10°D22 | 11°22 | 20° 3 | 25°45 | F 17 |
| S 18 | 9 51 21 | 29° 1'13 | 25°33 | 3°40 | 15°37 | 10°49 | 13°36 | 18°22 | 4°31 | 6°16 | 21° 1 | 10°R22 | 11°19 | 20°10 | 25°46 | S 18 |
| S 19 | 9 55 18 | 0♓ 1'54 | 9♊20 | 4°22 | 16°34 | 11°36 | 13°47 | 18°19 | 4°34 | 6°14 | 21° 0 | 10°22 | 11°16 | 20°16 | 25°47 | S 19 |
| M20 | 9 59 14 | 1° 2'34 | 22°53 | 5° 8 | 17°29 | 12°24 | 13°59 | 18°17 | 4°37 | 6°12 | 20°59 | 10°20 | 11°13 | 20°23 | 25°49 | M20 |
| T 21 | 10 3 11 | 2° 3'12 | 6♋12 | 5°57 | 18°25 | 13°11 | 14°10 | 18°15 | 4°41 | 6°11 | 20°58 | 10°15 | 11°10 | 20°30 | 25°50 | T 21 |
| W22 | 10 7 7 | 3° 3'48 | 19°20 | 6°50 | 19°19 | 13°59 | 14°21 | 18°12 | 4°44 | 6° 9 | 20°57 | 10° 8 | 11° 6 | 20°36 | 25°51 | W22 |
| T 23 | 10 11 4 | 4° 4'23 | 2♌16 | 7°47 | 20°13 | 14°46 | 14°32 | 18° 9 | 4°48 | 6° 7 | 20°56 | 9°58 | 11° 3 | 20°43 | 25°52 | T 23 |
| F 24 | 10 15 1 | 5° 4'56 | 15° 0 | 8°46 | 21° 6 | 15°33 | 14°43 | 18° 7 | 4°51 | 6° 6 | 20°55 | 9°47 | 11° 0 | 20°50 | 25°54 | F 24 |
| S 25 | 10 18 57 | 6° 5'27 | 27°34 | 9°47 | 21°58 | 16°21 | 14°54 | 18° 4 | 4°55 | 6° 4 | 20°54 | 9°35 | 10°57 | 20°56 | 25°55 | S 25 |
| S 26 | 10 22 54 | 7° 5'57 | 9♍55 | 10°52 | 22°50 | 17° 8 | 15° 5 | 18° 1 | 4°58 | 6° 2 | 20°53 | 9°23 | 10°54 | 21° 3 | 25°56 | S 26 |
| M27 | 10 26 50 | 8° 6'25 | 22° 7 | 11°58 | 23°41 | 17°55 | 15°16 | 17°58 | 5° 2 | 6° 1 | 20°53 | 9°12 | 10°51 | 21°10 | 25°58 | M27 |
| T 28 | 10 30 47 | 9♓ 6'52 | 4♎ 8 | 13♒ 7 | 24♈31 | 18♓43 | 15♑27 | 17♎55 | 5♓ 5 | 5♍59 | 20♋52 | 9♏ 4 | 10♏47 | 21♎16 | 26♉ 0 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s13 | 5s42 | 2s49 | 14s45 | 3n30 | 0s32 | 0n 5 | 13s22 | 1s 4 | 22s48 | 0n12 | 5s 0 | 2n31 | 10s52 | 0s44 | 9n35 | 0n36 | 20n23 | 1s20 | 15s21 | 15s28 | 9s 5 | 15n45 | 3s28 |
| T 2 | 16 56 | 9 27 | 1 54 | 15 1 | 3 33 | 0 2 | 0 11 | 13 5 | 1 4 | 22 47 | 0 12 | 5 0 | 2 31 | 10 50 | 0 44 | 9 35 | 0 36 | 20 23 | 1 20 | 15 20 | 15 27 | 9 7 | 15 45 | 3 28 |
| F 3 | 16 39 | 12 49 | 0 54 | 15 17 | 3 34 | 0n29 | 0 17 | 12 48 | 1 3 | 22 46 | 0 12 | 4 59 | 2 31 | 10 49 | 0 44 | 9 36 | 0 36 | 20 23 | 1 20 | 15 19 | 15 26 | 9 9 | 15 45 | 3 28 |
| S 4 | 16 21 | 15 40 | 0n 8 | 15 34 | 3 33 | 0 59 | 0 22 | 12 31 | 1 3 | 22 45 | 0 12 | 4 58 | 2 32 | 10 48 | 0 44 | 9 37 | 0 36 | 20 23 | 1 20 | 15 19 | 15 25 | 9 10 | 15 45 | 3 28 |
| S 5 | 16 3 | 17 53 | 1 11 | 15 50 | 3 29 | 1 29 | 0 28 | 12 14 | 1 3 | 22 44 | 0 12 | 4 58 | 2 32 | 10 47 | 0 44 | 9 37 | 0 36 | 20 24 | 1 20 | 15 19 | 15 24 | 9 12 | 15 46 | 3 28 |
| M 6 | 15 45 | 19 20 | 2 12 | 16 6 | 3 24 | 2 0 | 0 34 | 11 57 | 1 3 | 22 43 | 0 11 | 4 57 | 2 32 | 10 46 | 0 44 | 9 38 | 0 36 | 20 24 | 1 20 | 15 19 | 15 23 | 9 14 | 15 46 | 3 28 |
| T 7 | 15 26 | 19 53 | 3 8 | 16 22 | 3 17 | 2 30 | 0 40 | 11 40 | 1 2 | 22 42 | 0 11 | 4 57 | 2 32 | 10 44 | 0 44 | 9 38 | 0 36 | 20 24 | 1 20 | 15 18 | 15 22 | 9 16 | 15 46 | 3 28 |
| W 8 | 15 8 | 19 25 | 3 56 | 16 37 | 3 8 | 3 0 | 0 47 | 11 23 | 1 2 | 22 41 | 0 11 | 4 56 | 2 33 | 10 43 | 0 44 | 9 39 | 0 36 | 20 24 | 1 20 | 15 16 | 15 21 | 9 18 | 15 46 | 3 27 |
| T 9 | 14 49 | 17 53 | 4 33 | 16 51 | 2 59 | 3 30 | 0 53 | 11 5 | 1 2 | 22 40 | 0 11 | 4 55 | 2 33 | 10 42 | 0 44 | 9 39 | 0 36 | 20 25 | 1 20 | 15 13 | 15 20 | 9 19 | 15 46 | 3 27 |
| F 10 | 14 29 | 15 17 | 4 55 | 17 4 | 2 49 | 4 0 | 0 59 | 10 48 | 1 1 | 22 39 | 0 11 | 4 55 | 2 33 | 10 41 | 0 44 | 9 40 | 0 36 | 20 25 | 1 20 | 15 10 | 15 19 | 9 21 | 15 47 | 3 27 |
| S 11 | 14 10 | 11 44 | 5 0 | 17 16 | 2 38 | 4 29 | 1 6 | 10 30 | 1 1 | 22 38 | 0 11 | 4 54 | 2 34 | 10 39 | 0 44 | 9 41 | 0 36 | 20 25 | 1 20 | 15 6 | 15 18 | 9 23 | 15 47 | 3 27 |
| S 12 | 13 50 | 7 25 | 4 47 | 17 26 | 2 27 | 4 59 | 1 12 | 10 12 | 1 1 | 22 37 | 0 11 | 4 53 | 2 34 | 10 38 | 0 44 | 9 41 | 0 36 | 20 25 | 1 19 | 15 2 | 15 17 | 9 25 | 15 47 | 3 27 |
| M13 | 13 30 | 2 37 | 4 14 | 17 36 | 2 15 | 5 28 | 1 19 | 9 55 | 1 1 | 22 36 | 0 11 | 4 52 | 2 34 | 10 37 | 0 44 | 9 42 | 0 36 | 20 26 | 1 19 | 14 59 | 15 16 | 9 26 | 15 47 | 3 27 |
| T 14 | 13 10 | 2n21 | 3 24 | 17 44 | 2 3 | 5 58 | 1 26 | 9 37 | 1 0 | 22 35 | 0 11 | 4 51 | 2 34 | 10 36 | 0 44 | 9 43 | 0 36 | 20 26 | 1 19 | 14 56 | 15 15 | 9 28 | 15 48 | 3 27 |
| W15 | 12 50 | 7 11 | 2 21 | 17 51 | 1 52 | 6 27 | 1 32 | 9 19 | 1 0 | 22 34 | 0 11 | 4 50 | 2 35 | 10 34 | 0 44 | 9 43 | 0 36 | 20 26 | 1 19 | 14 55 | 15 14 | 9 30 | 15 48 | 3 26 |
| T 16 | 12 29 | 11 32 | 1 9 | 17 56 | 1 40 | 6 56 | 1 39 | 9 0 | 1 0 | 22 33 | 0 11 | 4 49 | 2 35 | 10 33 | 0 44 | 9 44 | 0 36 | 20 26 | 1 19 | 14 54 | 15 13 | 9 32 | 15 48 | 3 26 |
| F 17 | 12 8 | 15 9 | 0s 6 | 18 0 | 1 28 | 7 24 | 1 46 | 8 42 | 0 59 | 22 32 | 0 11 | 4 48 | 2 35 | 10 32 | 0 44 | 9 44 | 0 36 | 20 26 | 1 19 | 14 54 | 15 12 | 9 33 | 15 49 | 3 26 |
| S 18 | 11 47 | 17 49 | 1 20 | 18 3 | 1 16 | 7 53 | 1 53 | 8 24 | 0 59 | 22 31 | 0 11 | 4 47 | 2 35 | 10 31 | 0 44 | 9 45 | 0 36 | 20 27 | 1 19 | 14 54 | 15 11 | 9 35 | 15 49 | 3 26 |
| S 19 | 11 26 | 19 22 | 2 28 | 18 5 | 1 5 | 8 21 | 2 0 | 8 6 | 0 58 | 22 30 | 0 10 | 4 46 | 2 36 | 10 29 | 0 44 | 9 46 | 0 36 | 20 27 | 1 19 | 14 54 | 15 10 | 9 37 | 15 49 | 3 26 |
| M20 | 11 5 | 19 46 | 3 26 | 18 5 | 0 53 | 8 49 | 2 8 | 7 47 | 0 58 | 22 29 | 0 10 | 4 45 | 2 36 | 10 28 | 0 44 | 9 46 | 0 36 | 20 27 | 1 19 | 14 53 | 15 9 | 9 39 | 15 50 | 3 26 |
| T 21 | 10 43 | 19 3 | 4 12 | 18 3 | 0 42 | 9 17 | 2 15 | 7 29 | 0 58 | 22 28 | 0 10 | 4 44 | 2 36 | 10 27 | 0 44 | 9 47 | 0 36 | 20 27 | 1 19 | 14 52 | 15 8 | 9 40 | 15 50 | 3 26 |
| W22 | 10 21 | 17 19 | 4 43 | 18 1 | 0 31 | 9 44 | 2 22 | 7 10 | 0 57 | 22 27 | 0 10 | 4 43 | 2 36 | 10 26 | 0 44 | 9 48 | 0 36 | 20 28 | 1 19 | 14 49 | 15 8 | 9 42 | 15 51 | 3 25 |
| T 23 | 10 0 | 14 44 | 5 0 | 17 57 | 0 21 | 10 12 | 2 30 | 6 52 | 0 57 | 22 25 | 0 10 | 4 41 | 2 37 | 10 24 | 0 44 | 9 48 | 0 36 | 20 28 | 1 19 | 14 46 | 15 7 | 9 44 | 15 51 | 3 25 |
| F 24 | 9 38 | 11 29 | 5 2 | 17 52 | 0 10 | 10 39 | 2 37 | 6 33 | 0 57 | 22 24 | 0 10 | 4 40 | 2 37 | 10 23 | 0 44 | 9 49 | 0 36 | 20 28 | 1 18 | 14 43 | 15 6 | 9 46 | 15 51 | 3 25 |
| S 25 | 9 15 | 7 46 | 4 48 | 17 45 | 0 0 | 11 5 | 2 45 | 6 14 | 0 56 | 22 23 | 0 10 | 4 39 | 2 37 | 10 22 | 0 44 | 9 49 | 0 36 | 20 28 | 1 18 | 14 39 | 15 5 | 9 47 | 15 52 | 3 25 |
| S 26 | 8 53 | 3 47 | 4 22 | 17 37 | 0s 9 | 11 32 | 2 52 | 5 56 | 0 56 | 22 22 | 0 10 | 4 38 | 2 37 | 10 21 | 0 44 | 9 50 | 0 36 | 20 28 | 1 18 | 14 35 | 15 4 | 9 49 | 15 52 | 3 25 |
| M27 | 8 31 | 0s18 | 3 43 | 17 28 | 0 19 | 11 58 | 3 0 | 5 37 | 0 55 | 22 21 | 0 10 | 4 36 | 2 37 | 10 19 | 0 44 | 9 51 | 0 36 | 20 29 | 1 18 | 14 32 | 15 3 | 9 51 | 15 53 | 3 25 |
| T 28 | 8s 8 | 4s19 | 2s55 | 17s17 | 0s28 | 12n23 | 3n 8 | 5s18 | 0s55 | 22s20 | 0n10 | 4s35 | 2n38 | 10s18 | 0s44 | 9n51 | 0n36 | 20n29 | 1s18 | 14s29 | 15s 2 | 9s53 | 15n53 | 3s25 |

Julian Day Number = 2606073.5, Delta T = 09m46s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'19, Lahiri = 29°46'21


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## MARCH 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 34 43 | 10♓ 7'17 | 16♎ 1 | 14♒17 | 25♈21 | 19♓30 | 15♑37 | 17°R52 | 5♓ 9 | 5°R57 | 20°R51 | 8°R59 | 10♏44 | 21♎23 | 26♉ 1 | W 1 |
| T 2 | 10 38 40 | 11° 7'41 | 27°50 | 15°30 | 26° 9 | 20°17 | 15°48 | 17♎49 | 5°12 | 5♍55 | 20♋50 | 8♏56 | 10°41 | 21°30 | 26° 3 | T 2 |
| F 3 | 10 42 36 | 12° 8'03 | 9♏36 | 16°44 | 26°57 | 21° 5 | 15°58 | 17°45 | 5°15 | 5°54 | 20°50 | 8°D55 | 10°38 | 21°36 | 26° 5 | F 3 |
| S 4 | 10 46 33 | 13° 8'24 | 21°26 | 18° 0 | 27°43 | 21°52 | 16° 9 | 17°42 | 5°19 | 5°52 | 20°49 | 8°56 | 10°35 | 21°43 | 26° 7 | S 4 |
| S 5 | 10 50 30 | 14° 8'44 | 3♐23 | 19°18 | 28°29 | 22°39 | 16°19 | 17°39 | 5°22 | 5°50 | 20°48 | 8°57 | 10°31 | 21°50 | 26° 8 | S 5 |
| M 6 | 10 54 26 | 15° 9'02 | 15°33 | 20°37 | 29°14 | 23°26 | 16°29 | 17°35 | 5°26 | 5°49 | 20°47 | 8°R58 | 10°28 | 21°56 | 26°10 | M 6 |
| T 7 | 10 58 23 | 16° 9'19 | 28° 1 | 21°58 | 29°58 | 24°13 | 16°39 | 17°31 | 5°29 | 5°47 | 20°47 | 8°57 | 10°25 | 22° 3 | 26°12 | T 7 |
| W 8 | 11 2 19 | 17° 9'35 | 10♑52 | 23°20 | 0♉40 | 25° 1 | 16°49 | 17°28 | 5°33 | 5°46 | 20°46 | 8°54 | 10°22 | 22°10 | 26°15 | W 8 |
| T 9 | 11 6 16 | 18° 9'49 | 24°11 | 24°43 | 1°22 | 25°48 | 16°59 | 17°24 | 5°36 | 5°44 | 20°46 | 8°49 | 10°19 | 22°16 | 26°17 | T 9 |
| F 10 | 11 10 12 | 19°10'01 | 7♒57 | 26° 8 | 2° 2 | 26°35 | 17° 8 | 17°20 | 5°39 | 5°42 | 20°45 | 8°42 | 10°16 | 22°23 | 26°19 | F 10 |
| S 11 | 11 14 9 | 20°10'12 | 22°12 | 27°34 | 2°41 | 27°22 | 17°18 | 17°16 | 5°43 | 5°41 | 20°44 | 8°35 | 10°12 | 22°29 | 26°21 | S 11 |
| S 12 | 11 18 5 | 21°10'21 | 6♓50 | 29° 1 | 3°20 | 28° 9 | 17°27 | 17°13 | 5°46 | 5°39 | 20°44 | 8°27 | 10° 9 | 22°36 | 26°23 | S 12 |
| M13 | 11 22 2 | 22°10'28 | 21°46 | 0♓30 | 3°56 | 28°56 | 17°37 | 17° 9 | 5°50 | 5°37 | 20°43 | 8°20 | 10° 6 | 22°43 | 26°26 | M13 |
| T 14 | 11 25 58 | 23°10'34 | 6♈50 | 1°59 | 4°32 | 29°43 | 17°46 | 17° 4 | 5°53 | 5°36 | 20°43 | 8°15 | 10° 3 | 22°49 | 26°28 | T 14 |
| W15 | 11 29 55 | 24°10'37 | 21°53 | 3°30 | 5° 6 | 0♈30 | 17°55 | 17° 0 | 5°56 | 5°34 | 20°42 | 8°11 | 10° 0 | 22°56 | 26°31 | W15 |
| T 16 | 11 33 52 | 25°10'39 | 6♉46 | 5° 2 | 5°38 | 1°17 | 18° 4 | 16°56 | 6° 0 | 5°33 | 20°42 | 8°D10 | 9°56 | 23° 3 | 26°33 | T 16 |
| F 17 | 11 37 48 | 26°10'38 | 21°23 | 6°35 | 6° 9 | 2° 4 | 18°13 | 16°52 | 6° 3 | 5°31 | 20°41 | 8°11 | 9°53 | 23° 9 | 26°36 | F 17 |
| S 18 | 11 41 45 | 27°10'36 | 5♊40 | 8°10 | 6°39 | 2°51 | 18°21 | 16°48 | 6° 6 | 5°30 | 20°41 | 8°12 | 9°50 | 23°16 | 26°38 | S 18 |
| S 19 | 11 45 41 | 28°10'31 | 19°35 | 9°45 | 7° 7 | 3°38 | 18°30 | 16°44 | 6° 9 | 5°28 | 20°41 | 8°13 | 9°47 | 23°23 | 26°41 | S 19 |
| M20 | 11 49 38 | 29°10'24 | 3♋ 8 | 11°22 | 7°33 | 4°25 | 18°39 | 16°39 | 6°13 | 5°27 | 20°40 | 8°R14 | 9°44 | 23°29 | 26°44 | M20 |
| T 21 | 11 53 34 | 0♈10'15 | 16°22 | 13° 0 | 7°57 | 5°12 | 18°47 | 16°35 | 6°16 | 5°25 | 20°40 | 8°12 | 9°41 | 23°36 | 26°47 | T 21 |
| W22 | 11 57 31 | 1°10'03 | 29°18 | 14°39 | 8°20 | 5°58 | 18°55 | 16°30 | 6°19 | 5°24 | 20°40 | 8° 9 | 9°37 | 23°43 | 26°49 | W22 |
| T 23 | 12 1 27 | 2° 9'50 | 11♌59 | 16°19 | 8°41 | 6°45 | 19° 3 | 16°26 | 6°22 | 5°22 | 20°39 | 8° 5 | 9°34 | 23°49 | 26°52 | T 23 |
| F 24 | 12 5 24 | 3° 9'34 | 24°27 | 18° 1 | 8°59 | 7°32 | 19°11 | 16°21 | 6°26 | 5°21 | 20°39 | 7°59 | 9°31 | 23°56 | 26°55 | F 24 |
| S 25 | 12 9 21 | 4° 9'16 | 6♍44 | 19°43 | 9°16 | 8°19 | 19°19 | 16°17 | 6°29 | 5°19 | 20°39 | 7°53 | 9°28 | 24° 3 | 26°58 | S 25 |
| S 26 | 12 13 17 | 5° 8'56 | 18°51 | 21°27 | 9°31 | 9° 5 | 19°27 | 16°12 | 6°32 | 5°18 | 20°39 | 7°47 | 9°25 | 24° 9 | 27° 1 | S 26 |
| M27 | 12 17 14 | 6° 8'33 | 0♎51 | 23°13 | 9°43 | 9°52 | 19°34 | 16° 8 | 6°35 | 5°16 | 20°38 | 7°41 | 9°22 | 24°16 | 27° 4 | M27 |
| T 28 | 12 21 10 | 7° 8'09 | 12°45 | 24°59 | 9°54 | 10°38 | 19°42 | 16° 3 | 6°38 | 5°15 | 20°38 | 7°37 | 9°18 | 24°23 | 27° 7 | T 28 |
| W29 | 12 25 7 | 8° 7'43 | 24°34 | 26°47 | 10° 2 | 11°25 | 19°49 | 15°59 | 6°41 | 5°14 | 20°38 | 7°35 | 9°15 | 24°29 | 27°11 | W29 |
| T 30 | 12 29 3 | 9° 7'15 | 6♏22 | 28°36 | 10° 8 | 12°12 | 19°56 | 15°54 | 6°44 | 5°12 | 20°38 | 7°D34 | 9°12 | 24°36 | 27°14 | T 30 |
| F 31 | 12 33 0 | 10♈ 6'45 | 18♏10 | 0♈26 | 10♉11 | 12♈58 | 20♑ 3 | 15♎49 | 6♓47 | 5♍11 | 20♋38 | 7♏35 | 9♏ 9 | 24♎42 | 27♉17 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s45 | 8s 8 | 2s 0 | 17s 5 | 0s36 | 12n49 | 3n16 | 4s59 | 0s55 | 22s19 | 0n10 | 4s34 | 2n38 | 10s17 | 0s44 | 9n52 | 0n36 | 20n29 | 1s18 | 14s27 | 15s 1 | 9s54 | 15n54 | 3s25 |
| T 2 | 7 23 | 11 36 | 0 59 | 16 52 | 0 45 | 13 14 | 3 23 | 4 40 | 0 54 | 22 17 | 0 10 | 4 32 | 2 38 | 10 16 | 0 44 | 9 53 | 0 36 | 20 29 | 1 18 | 14 27 | 15 0 | 9 56 | 15 54 | 3 24 |
| F 3 | 7 0 | 14 36 | 0n 4 | 16 37 | 0 53 | 13 39 | 3 31 | 4 21 | 0 54 | 22 16 | 0 10 | 4 31 | 2 38 | 10 14 | 0 44 | 9 53 | 0 36 | 20 29 | 1 18 | 14 26 | 14 59 | 9 58 | 15 55 | 3 24 |
| S 4 | 6 37 | 17 0 | 1 7 | 16 22 | 1 1 | 14 3 | 3 39 | 4 2 | 0 53 | 22 15 | 0 9 | 4 29 | 2 38 | 10 13 | 0 44 | 9 54 | 0 36 | 20 30 | 1 18 | 14 27 | 14 58 | 9 59 | 15 55 | 3 24 |
| S 5 | 6 13 | 18 41 | 2 8 | 16 5 | 1 8 | 14 27 | 3 47 | 3 43 | 0 53 | 22 14 | 0 9 | 4 28 | 2 39 | 10 12 | 0 44 | 9 54 | 0 36 | 20 30 | 1 18 | 14 27 | 14 57 | 10 1 | 15 56 | 3 24 |
| M 6 | 5 50 | 19 33 | 3 4 | 15 46 | 1 15 | 14 50 | 3 55 | 3 24 | 0 52 | 22 13 | 0 9 | 4 26 | 2 39 | 10 11 | 0 44 | 9 55 | 0 36 | 20 30 | 1 18 | 14 27 | 14 56 | 10 3 | 15 57 | 3 24 |
| T 7 | 5 27 | 19 29 | 3 53 | 15 27 | 1 22 | 15 13 | 4 3 | 3 5 | 0 52 | 22 12 | 0 9 | 4 25 | 2 39 | 10 9 | 0 44 | 9 56 | 0 36 | 20 30 | 1 18 | 14 27 | 14 55 | 10 5 | 15 57 | 3 24 |
| W 8 | 5 4 | 18 25 | 4 32 | 15 6 | 1 28 | 15 36 | 4 11 | 2 46 | 0 51 | 22 11 | 0 9 | 4 23 | 2 39 | 10 8 | 0 44 | 9 56 | 0 36 | 20 30 | 1 17 | 14 26 | 14 54 | 10 6 | 15 58 | 3 24 |
| T 9 | 4 40 | 16 20 | 4 58 | 14 44 | 1 34 | 15 58 | 4 19 | 2 27 | 0 51 | 22 9 | 0 9 | 4 22 | 2 39 | 10 7 | 0 44 | 9 57 | 0 36 | 20 31 | 1 17 | 14 24 | 14 53 | 10 8 | 15 58 | 3 24 |
| F 10 | 4 17 | 13 16 | 5 8 | 14 20 | 1 39 | 16 20 | 4 27 | 2 8 | 0 51 | 22 8 | 0 9 | 4 20 | 2 40 | 10 6 | 0 44 | 9 57 | 0 36 | 20 31 | 1 17 | 14 22 | 14 52 | 10 10 | 15 59 | 3 23 |
| S 11 | 3 53 | 9 21 | 4 59 | 13 56 | 1 45 | 16 41 | 4 35 | 1 49 | 0 50 | 22 7 | 0 9 | 4 18 | 2 40 | 10 4 | 0 44 | 9 58 | 0 36 | 20 31 | 1 17 | 14 20 | 14 51 | 10 11 | 16 0 | 3 23 |
| S 12 | 3 29 | 4 47 | 4 31 | 13 30 | 1 49 | 17 2 | 4 43 | 1 30 | 0 50 | 22 6 | 0 9 | 4 17 | 2 40 | 10 3 | 0 44 | 9 59 | 0 36 | 20 31 | 1 17 | 14 17 | 14 50 | 10 13 | 16 0 | 3 23 |
| M13 | 3 6 | 0n11 | 3 44 | 13 3 | 1 54 | 17 22 | 4 51 | 1 10 | 0 49 | 22 5 | 0 9 | 4 15 | 2 40 | 10 2 | 0 44 | 9 59 | 0 36 | 20 31 | 1 17 | 14 15 | 14 49 | 10 15 | 16 1 | 3 23 |
| T 14 | 2 42 | 5 11 | 2 41 | 12 35 | 1 58 | 17 41 | 4 59 | 0 51 | 0 49 | 22 4 | 0 9 | 4 13 | 2 40 | 10 1 | 0 44 | 10 0 | 0 36 | 20 31 | 1 17 | 14 13 | 14 48 | 10 16 | 16 2 | 3 23 |
| W15 | 2 18 | 9 51 | 1 27 | 12 5 | 2 2 | 18 0 | 5 7 | 0 32 | 0 48 | 22 3 | 0 9 | 4 12 | 2 40 | 9 59 | 0 44 | 10 0 | 0 36 | 20 32 | 1 17 | 14 12 | 14 47 | 10 18 | 16 2 | 3 23 |
| T 16 | 1 55 | 13 52 | 0 8 | 11 35 | 2 5 | 18 19 | 5 15 | 0 13 | 0 48 | 22 2 | 0 9 | 4 10 | 2 41 | 9 58 | 0 44 | 10 1 | 0 36 | 20 32 | 1 17 | 14 12 | 14 46 | 10 20 | 16 3 | 3 23 |
| F 17 | 1 31 | 16 55 | 1s11 | 11 3 | 2 8 | 18 37 | 5 23 | 0n 6 | 0 47 | 22 0 | 0 8 | 4 8 | 2 41 | 9 57 | 0 44 | 10 2 | 0 36 | 20 32 | 1 17 | 14 12 | 14 45 | 10 21 | 16 4 | 3 23 |
| S 18 | 1 7 | 18 50 | 2 24 | 10 30 | 2 10 | 18 54 | 5 31 | 0 25 | 0 47 | 21 59 | 0 8 | 4 7 | 2 41 | 9 56 | 0 44 | 10 2 | 0 36 | 20 32 | 1 17 | 14 12 | 14 44 | 10 23 | 16 4 | 3 23 |
| S 19 | 0 43 | 19 33 | 3 26 | 9 56 | 2 12 | 19 11 | 5 38 | 0 44 | 0 46 | 21 58 | 0 8 | 4 5 | 2 41 | 9 55 | 0 44 | 10 3 | 0 36 | 20 32 | 1 16 | 14 13 | 14 43 | 10 25 | 16 5 | 3 22 |
| M20 | 0 20 | 19 6 | 4 15 | 9 21 | 2 14 | 19 27 | 5 46 | 1 3 | 0 46 | 21 57 | 0 8 | 4 3 | 2 41 | 9 53 | 0 44 | 10 3 | 0 36 | 20 32 | 1 16 | 14 13 | 14 42 | 10 27 | 16 6 | 3 22 |
| T 21 | 0n 4 | 17 36 | 4 49 | 8 44 | 2 15 | 19 42 | 5 54 | 1 22 | 0 45 | 21 56 | 0 8 | 4 1 | 2 41 | 9 52 | 0 44 | 10 4 | 0 36 | 20 32 | 1 16 | 14 12 | 14 41 | 10 28 | 16 6 | 3 22 |
| W22 | 0 28 | 15 14 | 5 8 | 8 7 | 2 16 | 19 56 | 6 1 | 1 41 | 0 45 | 21 55 | 0 8 | 3 59 | 2 41 | 9 51 | 0 44 | 10 4 | 0 36 | 20 33 | 1 16 | 14 12 | 14 40 | 10 30 | 16 7 | 3 22 |
| T 23 | 0 52 | 12 11 | 5 11 | 7 28 | 2 16 | 20 10 | 6 8 | 2 0 | 0 44 | 21 54 | 0 8 | 3 58 | 2 41 | 9 50 | 0 44 | 10 5 | 0 36 | 20 33 | 1 16 | 14 10 | 14 39 | 10 32 | 16 8 | 3 22 |
| F 24 | 1 15 | 8 38 | 4 59 | 6 49 | 2 16 | 20 23 | 6 15 | 2 19 | 0 44 | 21 53 | 0 8 | 3 56 | 2 41 | 9 49 | 0 44 | 10 5 | 0 36 | 20 33 | 1 16 | 14 8 | 14 38 | 10 33 | 16 9 | 3 22 |
| S 25 | 1 39 | 4 47 | 4 33 | 6 8 | 2 15 | 20 35 | 6 22 | 2 38 | 0 43 | 21 52 | 0 8 | 3 54 | 2 42 | 9 48 | 0 44 | 10 6 | 0 36 | 20 33 | 1 16 | 14 6 | 14 37 | 10 35 | 16 9 | 3 22 |
| S 26 | 2 2 | 0 47 | 3 55 | 5 26 | 2 14 | 20 46 | 6 29 | 2 57 | 0 42 | 21 51 | 0 8 | 3 52 | 2 42 | 9 46 | 0 44 | 10 6 | 0 36 | 20 33 | 1 16 | 14 4 | 14 36 | 10 36 | 16 10 | 3 22 |
| M27 | 2 26 | 3s13 | 3 8 | 4 43 | 2 13 | 20 56 | 6 36 | 3 15 | 0 42 | 21 50 | 0 8 | 3 50 | 2 42 | 9 45 | 0 44 | 10 7 | 0 36 | 20 33 | 1 16 | 14 3 | 14 35 | 10 38 | 16 11 | 3 22 |
| T 28 | 2 50 | 7 3 | 2 12 | 3 59 | 2 11 | 21 6 | 6 42 | 3 34 | 0 41 | 21 49 | 0 8 | 3 49 | 2 42 | 9 44 | 0 44 | 10 8 | 0 36 | 20 33 | 1 16 | 14 1 | 14 34 | 10 40 | 16 12 | 3 22 |
| W29 | 3 13 | 10 36 | 1 11 | 3 14 | 2 8 | 21 14 | 6 48 | 3 53 | 0 41 | 21 48 | 0 7 | 3 47 | 2 42 | 9 43 | 0 44 | 10 8 | 0 36 | 20 33 | 1 16 | 14 0 | 14 33 | 10 41 | 16 13 | 3 22 |
| T 30 | 3 36 | 13 43 | 0 7 | 2 28 | 2 5 | 21 21 | 6 54 | 4 11 | 0 40 | 21 47 | 0 7 | 3 45 | 2 42 | 9 42 | 0 44 | 10 9 | 0 36 | 20 34 | 1 15 | 14 0 | 14 32 | 10 43 | 16 13 | 3 22 |
| F 31 | 4n 0 | 16s16 | 0n58 | 1s41 | 2s 2 | 21n28 | 6n59 | 4n30 | 0s40 | 21s46 | 0n 7 | 3s43 | 2n42 | 9s41 | 0s44 | 10n 9 | 0n36 | 20n34 | 1s15 | 14s 0 | 14s31 | 10s45 | 16n14 | 3s21 |

Julian Day Number = 2606101.5, Delta T = 09m46s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'23, Lahiri = 29°46'25


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## APRIL 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 36 56 | 11♈ 6'13 | 0♐ 2 | 2♈17 | 10°R13 | 13♈45 | 20♑10 | 15°R45 | 6♓50 | 5°R10 | 20°R38 | 7♏36 | 9♏ 6 | 24♎49 | 27♉20 | S 1 |
| S 2 | 12 40 53 | 12° 5'40 | 12° 1 | 4°10 | 10♉11 | 14°31 | 20°16 | 15♎40 | 6°53 | 5♍ 8 | 20♋38 | 7°38 | 9° 2 | 24°56 | 27°24 | S 2 |
| M 3 | 12 44 50 | 13° 5'04 | 24°12 | 6° 4 | 10° 8 | 15°17 | 20°23 | 15°35 | 6°56 | 5° 7 | 20°38 | 7°39 | 8°59 | 25° 2 | 27°27 | M 3 |
| T 4 | 12 48 46 | 14° 4'27 | 6♑39 | 8° 0 | 10° 1 | 16° 4 | 20°29 | 15°31 | 6°59 | 5° 6 | 20°D38 | 7°41 | 8°56 | 25° 9 | 27°30 | T 4 |
| W 5 | 12 52 43 | 15° 3'49 | 19°26 | 9°56 | 9°53 | 16°50 | 20°35 | 15°26 | 7° 2 | 5° 5 | 20°38 | 7°R41 | 8°53 | 25°16 | 27°34 | W 5 |
| T 6 | 12 56 39 | 16° 3'08 | 2♒38 | 11°54 | 9°42 | 17°36 | 20°42 | 15°21 | 7° 5 | 5° 3 | 20°38 | 7°40 | 8°50 | 25°22 | 27°37 | T 6 |
| F 7 | 13 0 36 | 17° 2'26 | 16°17 | 13°53 | 9°28 | 18°22 | 20°47 | 15°17 | 7° 8 | 5° 2 | 20°38 | 7°38 | 8°47 | 25°29 | 27°41 | F 7 |
| S 8 | 13 4 32 | 18° 1'42 | 0♓23 | 15°54 | 9°12 | 19° 9 | 20°53 | 15°12 | 7°11 | 5° 1 | 20°38 | 7°36 | 8°43 | 25°36 | 27°44 | S 8 |
| S 9 | 13 8 29 | 19° 0'56 | 14°56 | 17°55 | 8°54 | 19°55 | 20°59 | 15° 7 | 7°13 | 5° 0 | 20°38 | 7°33 | 8°40 | 25°42 | 27°48 | S 9 |
| M10 | 13 12 25 | 20° 0'08 | 29°50 | 19°57 | 8°33 | 20°41 | 21° 4 | 15° 3 | 7°16 | 4°59 | 20°38 | 7°31 | 8°37 | 25°49 | 27°52 | M10 |
| T 11 | 13 16 22 | 20°59'18 | 14♈58 | 22° 0 | 8°10 | 21°27 | 21° 9 | 14°58 | 7°19 | 4°58 | 20°38 | 7°29 | 8°34 | 25°56 | 27°55 | T 11 |
| W12 | 13 20 18 | 21°58'26 | 0♉11 | 24° 4 | 7°45 | 22°13 | 21°15 | 14°53 | 7°22 | 4°57 | 20°39 | 7°D28 | 8°31 | 26° 2 | 27°59 | W12 |
| T 13 | 13 24 15 | 22°57'33 | 15°19 | 26° 9 | 7°18 | 22°59 | 21°20 | 14°49 | 7°24 | 4°56 | 20°39 | 7°28 | 8°28 | 26° 9 | 28° 3 | T 13 |
| F 14 | 13 28 12 | 23°56'37 | 0♊13 | 28°14 | 6°49 | 23°45 | 21°24 | 14°44 | 7°27 | 4°55 | 20°39 | 7°29 | 8°24 | 26°16 | 28° 7 | F 14 |
| S 15 | 13 32 8 | 24°55'39 | 14°47 | 0♉19 | 6°18 | 24°31 | 21°29 | 14°39 | 7°30 | 4°54 | 20°39 | 7°30 | 8°21 | 26°22 | 28°10 | S 15 |
| S 16 | 13 36 5 | 25°54'39 | 28°56 | 2°23 | 5°45 | 25°17 | 21°33 | 14°35 | 7°32 | 4°53 | 20°39 | 7°31 | 8°18 | 26°29 | 28°14 | S 16 |
| M17 | 13 40 1 | 26°53'36 | 12♋39 | 4°28 | 5°11 | 26° 3 | 21°38 | 14°30 | 7°35 | 4°52 | 20°40 | 7°32 | 8°15 | 26°35 | 28°18 | M17 |
| T 18 | 13 43 58 | 27°52'32 | 25°58 | 6°32 | 4°36 | 26°48 | 21°42 | 14°26 | 7°37 | 4°51 | 20°40 | 7°R32 | 8°12 | 26°42 | 28°22 | T 18 |
| W19 | 13 47 54 | 28°51'25 | 8♌53 | 8°35 | 4° 0 | 27°34 | 21°46 | 14°21 | 7°40 | 4°50 | 20°40 | 7°32 | 8° 8 | 26°49 | 28°26 | W19 |
| T 20 | 13 51 51 | 29°50'15 | 21°28 | 10°36 | 3°23 | 28°20 | 21°49 | 14°17 | 7°42 | 4°49 | 20°41 | 7°31 | 8° 5 | 26°55 | 28°30 | T 20 |
| F 21 | 13 55 47 | 0♉49'04 | 3♍48 | 12°36 | 2°45 | 29° 5 | 21°53 | 14°13 | 7°45 | 4°49 | 20°41 | 7°31 | 8° 2 | 27° 2 | 28°34 | F 21 |
| S 22 | 13 59 44 | 1°47'50 | 15°55 | 14°34 | 2° 7 | 29°51 | 21°56 | 14° 8 | 7°47 | 4°48 | 20°42 | 7°30 | 7°59 | 27° 9 | 28°38 | S 22 |
| S 23 | 14 3 41 | 2°46'34 | 27°53 | 16°29 | 1°30 | 0♉37 | 21°59 | 14° 4 | 7°49 | 4°47 | 20°42 | 7°29 | 7°56 | 27°15 | 28°42 | S 23 |
| M24 | 14 7 37 | 3°45'16 | 9♎45 | 18°22 | 0°52 | 1°22 | 22° 2 | 14° 0 | 7°52 | 4°46 | 20°43 | 7°29 | 7°53 | 27°22 | 28°46 | M24 |
| T 25 | 14 11 34 | 4°43'55 | 21°33 | 20°12 | 0°15 | 2° 7 | 22° 5 | 13°55 | 7°54 | 4°46 | 20°43 | 7°28 | 7°49 | 27°29 | 28°50 | T 25 |
| W26 | 14 15 30 | 5°42'33 | 3♏21 | 21°58 | 29♈38 | 2°53 | 22° 8 | 13°51 | 7°56 | 4°45 | 20°44 | 7°D28 | 7°46 | 27°35 | 28°54 | W26 |
| T 27 | 14 19 27 | 6°41'09 | 15°10 | 23°41 | 29° 3 | 3°38 | 22°10 | 13°47 | 7°58 | 4°45 | 20°44 | 7°28 | 7°43 | 27°42 | 28°58 | T 27 |
| F 28 | 14 23 23 | 7°39'43 | 27° 3 | 25°20 | 28°29 | 4°23 | 22°13 | 13°43 | 8° 0 | 4°44 | 20°45 | 7°R28 | 7°40 | 27°49 | 29° 2 | F 28 |
| S 29 | 14 27 20 | 8°38'16 | 9♐ 1 | 26°55 | 27°56 | 5° 9 | 22°15 | 13°39 | 8° 2 | 4°43 | 20°45 | 7°28 | 7°37 | 27°55 | 29° 6 | S 29 |
| S 30 | 14 31 16 | 9♉36'46 | 21♐ 8 | 28♉26 | 27♈24 | 5♉54 | 22♑17 | 13♎35 | 8♓ 4 | 4♍43 | 20♋46 | 7♏28 | 7♏33 | 28♎ 2 | 29♉11 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n23 | 18s 9 | 2n 1 | 0s54 | 1s58 | 21n33 | 7n 4 | 4n48 | 0s39 | 21s45 | 0n 7 | 3s41 | 2n42 | 9s40 | 0s44 | 10n 9 | 0n36 | 20n34 | 1s15 | 14s 1 | 14s30 | 10s46 | 16n15 | 3s21 |
| S 2 | 4 46 | 19 14 | 2 59 | 0 5 | 1 53 | 21 37 | 7 9 | 5 7 | 0 39 | 21 44 | 0 7 | 3 39 | 2 42 | 9 39 | 0 44 | 10 10 | 0 36 | 20 34 | 1 15 | 14 1 | 14 29 | 10 48 | 16 16 | 3 21 |
| M 3 | 5 9 | 19 26 | 3 49 | 0n45 | 1 48 | 21 40 | 7 13 | 5 25 | 0 38 | 21 43 | 0 7 | 3 38 | 2 42 | 9 38 | 0 44 | 10 10 | 0 36 | 20 34 | 1 15 | 14 2 | 14 28 | 10 50 | 16 17 | 3 21 |
| T 4 | 5 32 | 18 42 | 4 31 | 1 35 | 1 43 | 21 41 | 7 17 | 5 44 | 0 37 | 21 43 | 0 7 | 3 36 | 2 42 | 9 36 | 0 44 | 10 11 | 0 36 | 20 34 | 1 15 | 14 2 | 14 27 | 10 51 | 16 17 | 3 21 |
| W 5 | 5 55 | 17 2 | 5 0 | 2 27 | 1 37 | 21 42 | 7 20 | 6 2 | 0 37 | 21 42 | 0 7 | 3 34 | 2 42 | 9 35 | 0 44 | 10 11 | 0 36 | 20 34 | 1 15 | 14 2 | 14 26 | 10 53 | 16 18 | 3 21 |
| T 6 | 6 18 | 14 25 | 5 15 | 3 19 | 1 30 | 21 41 | 7 23 | 6 20 | 0 36 | 21 41 | 0 7 | 3 32 | 2 42 | 9 34 | 0 44 | 10 12 | 0 36 | 20 34 | 1 15 | 14 2 | 14 25 | 10 55 | 16 19 | 3 21 |
| F 7 | 6 41 | 10 57 | 5 12 | 4 11 | 1 23 | 21 38 | 7 25 | 6 38 | 0 36 | 21 40 | 0 7 | 3 30 | 2 42 | 9 33 | 0 44 | 10 12 | 0 36 | 20 34 | 1 15 | 14 1 | 14 24 | 10 56 | 16 20 | 3 21 |
| S 8 | 7 3 | 6 46 | 4 51 | 5 4 | 1 16 | 21 35 | 7 27 | 6 56 | 0 35 | 21 39 | 0 7 | 3 29 | 2 42 | 9 32 | 0 44 | 10 13 | 0 36 | 20 34 | 1 15 | 14 1 | 14 22 | 10 58 | 16 21 | 3 21 |
| S 9 | 7 26 | 2 3 | 4 11 | 5 58 | 1 8 | 21 30 | 7 28 | 7 14 | 0 35 | 21 39 | 0 6 | 3 27 | 2 42 | 9 31 | 0 44 | 10 13 | 0 36 | 20 34 | 1 15 | 14 0 | 14 21 | 10 59 | 16 21 | 3 21 |
| M10 | 7 48 | 2n54 | 3 14 | 6 52 | 0 59 | 21 23 | 7 28 | 7 32 | 0 34 | 21 38 | 0 6 | 3 25 | 2 42 | 9 30 | 0 44 | 10 13 | 0 36 | 20 34 | 1 14 | 13 59 | 14 20 | 11 1 | 16 22 | 3 21 |
| T 11 | 8 10 | 7 45 | 2 1 | 7 46 | 0 50 | 21 15 | 7 28 | 7 50 | 0 33 | 21 37 | 0 6 | 3 23 | 2 42 | 9 29 | 0 44 | 10 14 | 0 36 | 20 35 | 1 14 | 13 59 | 14 19 | 11 3 | 16 23 | 3 21 |
| W12 | 8 32 | 12 8 | 0 40 | 8 41 | 0 41 | 21 6 | 7 27 | 8 7 | 0 33 | 21 36 | 0 6 | 3 21 | 2 42 | 9 28 | 0 44 | 10 14 | 0 36 | 20 35 | 1 14 | 13 58 | 14 18 | 11 4 | 16 24 | 3 21 |
| T 13 | 8 54 | 15 42 | 0s43 | 9 35 | 0 31 | 20 55 | 7 25 | 8 25 | 0 32 | 21 36 | 0 6 | 3 20 | 2 42 | 9 27 | 0 44 | 10 14 | 0 36 | 20 35 | 1 14 | 13 58 | 14 17 | 11 6 | 16 25 | 3 21 |
| F 14 | 9 16 | 18 9 | 2 3 | 10 29 | 0 21 | 20 42 | 7 22 | 8 42 | 0 32 | 21 35 | 0 6 | 3 18 | 2 42 | 9 26 | 0 44 | 10 15 | 0 36 | 20 35 | 1 14 | 13 59 | 14 16 | 11 7 | 16 26 | 3 21 |
| S 15 | 9 38 | 19 20 | 3 13 | 11 23 | 0 11 | 20 29 | 7 19 | 9 0 | 0 31 | 21 34 | 0 6 | 3 16 | 2 42 | 9 25 | 0 44 | 10 15 | 0 36 | 20 35 | 1 14 | 13 59 | 14 15 | 11 9 | 16 27 | 3 21 |
| S 16 | 9 59 | 19 14 | 4 8 | 12 17 | 0n 0 | 20 14 | 7 15 | 9 17 | 0 30 | 21 34 | 0 6 | 3 14 | 2 42 | 9 25 | 0 44 | 10 16 | 0 36 | 20 35 | 1 14 | 13 59 | 14 14 | 11 11 | 16 27 | 3 21 |
| M17 | 10 20 | 18 0 | 4 48 | 13 9 | 0 11 | 19 57 | 7 9 | 9 34 | 0 30 | 21 33 | 0 6 | 3 13 | 2 42 | 9 24 | 0 44 | 10 16 | 0 36 | 20 35 | 1 14 | 13 59 | 14 13 | 11 12 | 16 28 | 3 21 |
| T 18 | 10 42 | 15 48 | 5 11 | 14 1 | 0 22 | 19 40 | 7 4 | 9 51 | 0 29 | 21 33 | 0 6 | 3 11 | 2 42 | 9 23 | 0 44 | 10 16 | 0 36 | 20 35 | 1 14 | 13 59 | 14 12 | 11 14 | 16 29 | 3 21 |
| W19 | 11 3 | 12 53 | 5 17 | 14 51 | 0 33 | 19 21 | 6 57 | 10 8 | 0 29 | 21 32 | 0 6 | 3 9 | 2 42 | 9 22 | 0 44 | 10 16 | 0 36 | 20 35 | 1 14 | 13 59 | 14 11 | 11 15 | 16 30 | 3 21 |
| T 20 | 11 23 | 9 26 | 5 8 | 15 40 | 0 44 | 19 1 | 6 49 | 10 25 | 0 28 | 21 32 | 0 5 | 3 8 | 2 42 | 9 21 | 0 44 | 10 17 | 0 36 | 20 35 | 1 14 | 13 59 | 14 10 | 11 17 | 16 31 | 3 21 |
| F 21 | 11 44 | 5 40 | 4 45 | 16 28 | 0 55 | 18 40 | 6 41 | 10 42 | 0 27 | 21 31 | 0 5 | 3 6 | 2 42 | 9 20 | 0 45 | 10 17 | 0 36 | 20 35 | 1 14 | 13 59 | 14 9 | 11 19 | 16 32 | 3 21 |
| S 22 | 12 4 | 1 43 | 4 9 | 17 14 | 1 6 | 18 18 | 6 32 | 10 58 | 0 27 | 21 31 | 0 5 | 3 4 | 2 42 | 9 19 | 0 45 | 10 17 | 0 36 | 20 35 | 1 13 | 13 59 | 14 8 | 11 20 | 16 33 | 3 21 |
| S 23 | 12 24 | 2s16 | 3 23 | 17 57 | 1 17 | 17 55 | 6 22 | 11 15 | 0 26 | 21 30 | 0 5 | 3 3 | 2 42 | 9 18 | 0 45 | 10 18 | 0 36 | 20 35 | 1 13 | 13 59 | 14 7 | 11 22 | 16 34 | 3 21 |
| M24 | 12 44 | 6 7 | 2 28 | 18 39 | 1 27 | 17 32 | 6 11 | 11 31 | 0 26 | 21 30 | 0 5 | 3 1 | 2 42 | 9 18 | 0 45 | 10 18 | 0 36 | 20 35 | 1 13 | 13 58 | 14 6 | 11 23 | 16 34 | 3 20 |
| T 25 | 13 4 | 9 44 | 1 27 | 19 19 | 1 37 | 17 9 | 6 0 | 11 48 | 0 25 | 21 30 | 0 5 | 3 0 | 2 42 | 9 17 | 0 45 | 10 18 | 0 36 | 20 35 | 1 13 | 13 58 | 14 5 | 11 25 | 16 35 | 3 20 |
| W26 | 13 24 | 12 58 | 0 23 | 19 56 | 1 46 | 16 45 | 5 48 | 12 4 | 0 24 | 21 29 | 0 5 | 2 58 | 2 41 | 9 16 | 0 45 | 10 18 | 0 36 | 20 35 | 1 13 | 13 58 | 14 4 | 11 27 | 16 36 | 3 20 |
| T 27 | 13 43 | 15 40 | 0n43 | 20 31 | 1 55 | 16 20 | 5 36 | 12 20 | 0 24 | 21 29 | 0 5 | 2 57 | 2 41 | 9 15 | 0 45 | 10 19 | 0 36 | 20 35 | 1 13 | 13 58 | 14 3 | 11 28 | 16 37 | 3 20 |
| F 28 | 14 2 | 17 43 | 1 47 | 21 3 | 2 3 | 15 56 | 5 23 | 12 36 | 0 23 | 21 29 | 0 5 | 2 55 | 2 41 | 9 14 | 0 45 | 10 19 | 0 36 | 20 35 | 1 13 | 13 58 | 14 2 | 11 30 | 16 38 | 3 20 |
| S 29 | 14 21 | 19 0 | 2 47 | 21 33 | 2 11 | 15 32 | 5 10 | 12 51 | 0 22 | 21 29 | 0 5 | 2 54 | 2 41 | 9 14 | 0 45 | 10 19 | 0 36 | 20 35 | 1 13 | 13 58 | 14 1 | 11 31 | 16 39 | 3 21 |
| S 30 | 14n39 | 19s26 | 3n40 | 22n 0 | 2n18 | 15n 8 | 4n56 | 13n 7 | 0s22 | 21s28 | 0n 4 | 2s52 | 2n41 | 9s13 | 0s45 | 10n19 | 0n36 | 20n35 | 1s13 | 13s58 | 14s 0 | 11s33 | 16n40 | 3s21 |

Julian Day Number = 2606132.5, Delta T = 09m46s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'28, Lahiri = 29°46'29


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## MAY 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 35 13 | 10♉35'15 | 3♋27 | 29♉53 | 26°R55 | 6♉39 | 22♋19 | 13°R31 | 8♓ 6 | 4°R42 | 20♋47 | 7°R28 | 7♏30 | 28♎ 9 | 29♉15 | M 1 |
| T 2 | 14 39 10 | 11°33'43 | 15°59 | 1♊15 | 26♈27 | 7°24 | 22°20 | 13♎27 | 8° 8 | 4♍42 | 20°47 | 7♏27 | 7°27 | 28°15 | 29°19 | T 2 |
| W 3 | 14 43 6 | 12°32'08 | 28°48 | 2°32 | 26° 1 | 8° 9 | 22°22 | 13°23 | 8°10 | 4°41 | 20°48 | 7°27 | 7°24 | 28°22 | 29°23 | W 3 |
| T 4 | 14 47 3 | 13°30'33 | 11♒57 | 3°45 | 25°38 | 8°54 | 22°23 | 13°20 | 8°12 | 4°41 | 20°49 | 7°D27 | 7°21 | 28°28 | 29°27 | T 4 |
| F 5 | 14 50 59 | 14°28'55 | 25°28 | 4°53 | 25°17 | 9°39 | 22°24 | 13°16 | 8°14 | 4°41 | 20°49 | 7°27 | 7°18 | 28°35 | 29°32 | F 5 |
| S 6 | 14 54 56 | 15°27'16 | 9♓23 | 5°56 | 24°58 | 10°24 | 22°25 | 13°12 | 8°16 | 4°40 | 20°50 | 7°27 | 7°14 | 28°42 | 29°36 | S 6 |
| S 7 | 14 58 52 | 16°25'36 | 23°41 | 6°54 | 24°41 | 11° 9 | 22°25 | 13° 9 | 8°18 | 4°40 | 20°51 | 7°28 | 7°11 | 28°48 | 29°40 | S 7 |
| M 8 | 15 2 49 | 17°23'54 | 8♈20 | 7°47 | 24°27 | 11°54 | 22°26 | 13° 5 | 8°19 | 4°40 | 20°52 | 7°29 | 7° 8 | 28°55 | 29°45 | M 8 |
| T 9 | 15 6 45 | 18°22'10 | 23°17 | 8°35 | 24°15 | 12°39 | 22°26 | 13° 2 | 8°21 | 4°40 | 20°52 | 7°29 | 7° 5 | 29° 2 | 29°49 | T 9 |
| W10 | 15 10 42 | 19°20'25 | 8♉22 | 9°18 | 24° 6 | 13°23 | 22°R26 | 12°59 | 8°23 | 4°39 | 20°53 | 7°R30 | 7° 2 | 29° 8 | 29°53 | W10 |
| T 11 | 15 14 39 | 20°18'38 | 23°29 | 9°56 | 23°59 | 14° 8 | 22°26 | 12°55 | 8°24 | 4°39 | 20°54 | 7°29 | 6°59 | 29°15 | 29°57 | T 11 |
| F 12 | 15 18 35 | 21°16'50 | 8♊27 | 10°28 | 23°55 | 14°53 | 22°26 | 12°52 | 8°26 | 4°39 | 20°55 | 7°28 | 6°55 | 29°22 | 0♊ 2 | F 12 |
| S 13 | 15 22 32 | 22°15'00 | 23° 9 | 10°55 | 23°D53 | 15°37 | 22°25 | 12°49 | 8°27 | 4°39 | 20°56 | 7°27 | 6°52 | 29°28 | 0° 6 | S 13 |
| S 14 | 15 26 28 | 23°13'08 | 7♋28 | 11°17 | 23°53 | 16°22 | 22°24 | 12°46 | 8°29 | 4°39 | 20°57 | 7°25 | 6°49 | 29°35 | 0°11 | S 14 |
| M15 | 15 30 25 | 24°11'14 | 21°21 | 11°34 | 23°56 | 17° 6 | 22°23 | 12°43 | 8°30 | 4°39 | 20°58 | 7°23 | 6°46 | 29°42 | 0°15 | M15 |
| T 16 | 15 34 21 | 25° 9'19 | 4♌47 | 11°45 | 24° 0 | 17°51 | 22°22 | 12°40 | 8°32 | 4°D39 | 20°59 | 7°21 | 6°43 | 29°48 | 0°19 | T 16 |
| W17 | 15 38 18 | 26° 7'21 | 17°47 | 11°51 | 24° 8 | 18°35 | 22°21 | 12°37 | 8°33 | 4°39 | 20°59 | 7°20 | 6°39 | 29°55 | 0°24 | W17 |
| T 18 | 15 42 14 | 27° 5'21 | 0♍24 | 11°R52 | 24°17 | 19°19 | 22°20 | 12°35 | 8°34 | 4°39 | 21° 0 | 7°D20 | 6°36 | 0♏ 1 | 0°28 | T 18 |
| F 19 | 15 46 11 | 28° 3'20 | 12°42 | 11°48 | 24°28 | 20° 3 | 22°18 | 12°32 | 8°36 | 4°39 | 21° 1 | 7°20 | 6°33 | 0° 8 | 0°32 | F 19 |
| S 20 | 15 50 8 | 29° 1'17 | 24°46 | 11°39 | 24°42 | 20°48 | 22°16 | 12°30 | 8°37 | 4°39 | 21° 2 | 7°22 | 6°30 | 0°15 | 0°37 | S 20 |
| S 21 | 15 54 4 | 29°59'12 | 6♎40 | 11°26 | 24°57 | 21°32 | 22°14 | 12°27 | 8°38 | 4°39 | 21° 3 | 7°23 | 6°27 | 0°21 | 0°41 | S 21 |
| M22 | 15 58 1 | 0♊57'05 | 18°28 | 11° 9 | 25°15 | 22°16 | 22°12 | 12°25 | 8°39 | 4°39 | 21° 5 | 7°25 | 6°24 | 0°28 | 0°46 | M22 |
| T 23 | 16 1 57 | 1°54'57 | 0♏15 | 10°48 | 25°34 | 23° 0 | 22°10 | 12°23 | 8°40 | 4°40 | 21° 6 | 7°26 | 6°20 | 0°35 | 0°50 | T 23 |
| W24 | 16 5 54 | 2°52'47 | 12° 4 | 10°23 | 25°55 | 23°44 | 22° 7 | 12°21 | 8°41 | 4°40 | 21° 7 | 7°R26 | 6°17 | 0°41 | 0°54 | W24 |
| T 25 | 16 9 50 | 3°50'35 | 23°58 | 9°55 | 26°18 | 24°28 | 22° 4 | 12°19 | 8°42 | 4°40 | 21° 8 | 7°25 | 6°14 | 0°48 | 0°59 | T 25 |
| F 26 | 16 13 47 | 4°48'23 | 5♐59 | 9°25 | 26°42 | 25°12 | 22° 1 | 12°17 | 8°43 | 4°40 | 21° 9 | 7°23 | 6°11 | 0°55 | 1° 3 | F 26 |
| S 27 | 16 17 43 | 5°46'08 | 18° 9 | 8°53 | 27° 9 | 25°55 | 21°58 | 12°15 | 8°44 | 4°41 | 21°10 | 7°19 | 6° 8 | 1° 1 | 1° 8 | S 27 |
| S 28 | 16 21 40 | 6°43'53 | 0♑29 | 8°19 | 27°36 | 26°39 | 21°55 | 12°13 | 8°45 | 4°41 | 21°11 | 7°14 | 6° 5 | 1° 8 | 1°12 | S 28 |
| M29 | 16 25 37 | 7°41'36 | 13° 2 | 7°45 | 28° 6 | 27°23 | 21°52 | 12°11 | 8°45 | 4°42 | 21°12 | 7° 9 | 6° 1 | 1°15 | 1°16 | M29 |
| T 30 | 16 29 33 | 8°39'19 | 25°47 | 7°11 | 28°36 | 28° 7 | 21°48 | 12°10 | 8°46 | 4°42 | 21°14 | 7° 5 | 5°58 | 1°21 | 1°21 | T 30 |
| W31 | 16 33 30 | 9♊37'00 | 8♒46 | 6♊37 | 29♈ 9 | 28♉50 | 21♋44 | 12♎ 8 | 8♓47 | 4♍43 | 21♋15 | 7♏ 0 | 5♏55 | 1♏28 | 1♊25 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14n58 | 18s57 | 4n24 | 22n25 | 2n24 | 14n44 | 4n42 | 13n22 | 0s21 | 21s28 | 0n 4 | 2s51 | 2n41 | 9s12 | 0s45 | 10n19 | 0n36 | 20n35 | 1s13 | 13s58 | 13s59 | 11s34 | 16n41 | 3s21 |
| T 2 | 15 16 | 17 32 | 4 56 | 22 47 | 2 29 | 14 21 | 4 28 | 13 38 | 0 21 | 21 28 | 0 4 | 2 49 | 2 41 | 9 11 | 0 45 | 10 19 | 0 36 | 20 35 | 1 13 | 13 58 | 13 58 | 11 36 | 16 41 | 3 21 |
| W 3 | 15 34 | 15 13 | 5 14 | 23 7 | 2 33 | 13 58 | 4 14 | 13 53 | 0 20 | 21 28 | 0 4 | 2 48 | 2 41 | 9 11 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 57 | 11 37 | 16 42 | 3 21 |
| T 4 | 15 51 | 12 5 | 5 17 | 23 25 | 2 36 | 13 36 | 4 0 | 14 8 | 0 19 | 21 28 | 0 4 | 2 47 | 2 41 | 9 10 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 56 | 11 39 | 16 43 | 3 21 |
| F 5 | 16 9 | 8 15 | 5 2 | 23 40 | 2 39 | 13 15 | 3 45 | 14 23 | 0 19 | 21 28 | 0 4 | 2 46 | 2 40 | 9 9 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 55 | 11 41 | 16 44 | 3 21 |
| S 6 | 16 26 | 3 52 | 4 30 | 23 52 | 2 40 | 12 54 | 3 31 | 14 37 | 0 18 | 21 28 | 0 4 | 2 44 | 2 40 | 9 9 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 54 | 11 42 | 16 45 | 3 21 |
| S 7 | 16 43 | 0n52 | 3 40 | 24 3 | 2 40 | 12 35 | 3 16 | 14 52 | 0 17 | 21 28 | 0 4 | 2 43 | 2 40 | 9 8 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 53 | 11 44 | 16 46 | 3 21 |
| M 8 | 16 59 | 5 40 | 2 35 | 24 11 | 2 39 | 12 16 | 3 2 | 15 6 | 0 17 | 21 28 | 0 4 | 2 42 | 2 40 | 9 8 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 52 | 11 45 | 16 47 | 3 21 |
| T 9 | 17 15 | 10 14 | 1 18 | 24 17 | 2 38 | 11 59 | 2 48 | 15 20 | 0 16 | 21 28 | 0 3 | 2 41 | 2 40 | 9 7 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 59 | 13 51 | 11 47 | 16 47 | 3 21 |
| W10 | 17 31 | 14 11 | 0s 5 | 24 20 | 2 35 | 11 42 | 2 34 | 15 35 | 0 15 | 21 28 | 0 3 | 2 39 | 2 40 | 9 6 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 59 | 13 50 | 11 48 | 16 48 | 3 21 |
| T 11 | 17 47 | 17 11 | 1 28 | 24 22 | 2 31 | 11 27 | 2 20 | 15 48 | 0 15 | 21 28 | 0 3 | 2 38 | 2 40 | 9 6 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 59 | 13 49 | 11 50 | 16 49 | 3 21 |
| F 12 | 18 2 | 18 58 | 2 43 | 24 22 | 2 25 | 11 13 | 2 6 | 16 2 | 0 14 | 21 28 | 0 3 | 2 37 | 2 39 | 9 5 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 48 | 11 51 | 16 50 | 3 21 |
| S 13 | 18 17 | 19 26 | 3 47 | 24 19 | 2 19 | 11 0 | 1 53 | 16 16 | 0 13 | 21 28 | 0 3 | 2 36 | 2 39 | 9 5 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 58 | 13 47 | 11 53 | 16 51 | 3 21 |
| S 14 | 18 32 | 18 36 | 4 35 | 24 15 | 2 12 | 10 47 | 1 40 | 16 29 | 0 13 | 21 29 | 0 3 | 2 35 | 2 39 | 9 4 | 0 45 | 10 20 | 0 36 | 20 35 | 1 12 | 13 57 | 13 45 | 11 54 | 16 52 | 3 21 |
| M15 | 18 46 | 16 41 | 5 4 | 24 9 | 2 3 | 10 36 | 1 27 | 16 42 | 0 12 | 21 29 | 0 3 | 2 34 | 2 39 | 9 4 | 0 45 | 10 20 | 0 36 | 20 35 | 1 11 | 13 56 | 13 44 | 11 56 | 16 53 | 3 21 |
| T 16 | 19 0 | 13 54 | 5 16 | 24 1 | 1 53 | 10 27 | 1 14 | 16 56 | 0 12 | 21 29 | 0 3 | 2 33 | 2 39 | 9 3 | 0 45 | 10 20 | 0 36 | 20 35 | 1 11 | 13 56 | 13 43 | 11 57 | 16 53 | 3 21 |
| W17 | 19 14 | 10 31 | 5 11 | 23 51 | 1 42 | 10 18 | 1 2 | 17 8 | 0 11 | 21 29 | 0 3 | 2 32 | 2 39 | 9 3 | 0 45 | 10 20 | 0 36 | 20 34 | 1 11 | 13 56 | 13 42 | 11 59 | 16 54 | 3 21 |
| T 18 | 19 28 | 6 45 | 4 51 | 23 39 | 1 30 | 10 10 | 0 50 | 17 21 | 0 10 | 21 30 | 0 2 | 2 32 | 2 38 | 9 2 | 0 45 | 10 20 | 0 36 | 20 34 | 1 11 | 13 56 | 13 41 | 12 0 | 16 55 | 3 21 |
| F 19 | 19 41 | 2 48 | 4 18 | 23 26 | 1 17 | 10 4 | 0 39 | 17 34 | 0 10 | 21 30 | 0 2 | 2 31 | 2 38 | 9 2 | 0 45 | 10 20 | 0 36 | 20 34 | 1 11 | 13 56 | 13 40 | 12 2 | 16 56 | 3 21 |
| S 20 | 19 54 | 1s12 | 3 34 | 23 11 | 1 4 | 9 58 | 0 27 | 17 46 | 0 9 | 21 31 | 0 2 | 2 30 | 2 38 | 9 1 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 56 | 13 39 | 12 3 | 16 57 | 3 21 |
| S 21 | 20 6 | 5 7 | 2 42 | 22 54 | 0 49 | 9 54 | 0 16 | 17 58 | 0 8 | 21 31 | 0 2 | 2 29 | 2 38 | 9 1 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 57 | 13 38 | 12 5 | 16 58 | 3 21 |
| M22 | 20 18 | 8 48 | 1 43 | 22 36 | 0 33 | 9 50 | 0 6 | 18 10 | 0 8 | 21 32 | 0 2 | 2 28 | 2 38 | 9 1 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 57 | 13 37 | 12 6 | 16 58 | 3 22 |
| T 23 | 20 30 | 12 9 | 0 40 | 22 17 | 0 17 | 9 48 | 0s 4 | 18 22 | 0 7 | 21 32 | 0 2 | 2 28 | 2 37 | 9 0 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 58 | 13 36 | 12 8 | 16 59 | 3 22 |
| W24 | 20 41 | 15 1 | 0n25 | 21 57 | 0 0 | 9 46 | 0 14 | 18 34 | 0 6 | 21 33 | 0 2 | 2 27 | 2 37 | 9 0 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 58 | 13 35 | 12 9 | 17 0 | 3 22 |
| T 25 | 20 52 | 17 16 | 1 30 | 21 36 | 0s17 | 9 45 | 0 24 | 18 45 | 0 6 | 21 33 | 0 2 | 2 27 | 2 37 | 9 0 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 57 | 13 34 | 12 11 | 17 1 | 3 22 |
| F 26 | 21 3 | 18 47 | 2 31 | 21 14 | 0 35 | 9 45 | 0 33 | 18 56 | 0 5 | 21 34 | 0 1 | 2 26 | 2 37 | 8 59 | 0 46 | 10 20 | 0 36 | 20 34 | 1 11 | 13 56 | 13 33 | 12 12 | 17 2 | 3 22 |
| S 27 | 21 13 | 19 27 | 3 25 | 20 52 | 0 52 | 9 47 | 0 42 | 19 7 | 0 4 | 21 34 | 0 1 | 2 25 | 2 37 | 8 59 | 0 46 | 10 20 | 0 36 | 20 34 | 1 10 | 13 55 | 13 32 | 12 14 | 17 2 | 3 22 |
| S 28 | 21 23 | 19 12 | 4 11 | 20 29 | 1 10 | 9 48 | 0 51 | 19 18 | 0 4 | 21 35 | 0 1 | 2 25 | 2 36 | 8 59 | 0 46 | 10 19 | 0 36 | 20 34 | 1 10 | 13 54 | 13 31 | 12 15 | 17 3 | 3 22 |
| M29 | 21 32 | 18 1 | 4 46 | 20 7 | 1 27 | 9 51 | 0 59 | 19 29 | 0 3 | 21 36 | 0 1 | 2 25 | 2 36 | 8 59 | 0 46 | 10 19 | 0 36 | 20 33 | 1 10 | 13 52 | 13 30 | 12 17 | 17 4 | 3 22 |
| T 30 | 21 42 | 15 55 | 5 7 | 19 44 | 1 44 | 9 55 | 1 7 | 19 39 | 0 2 | 21 36 | 0 1 | 2 24 | 2 36 | 8 58 | 0 46 | 10 19 | 0 36 | 20 33 | 1 10 | 13 51 | 13 29 | 12 18 | 17 5 | 3 22 |
| W31 | 21n50 | 13s 0 | 5n12 | 19n22 | 2s 1 | 9n59 | 1s15 | 19n49 | 0s 2 | 21s37 | 0n 1 | 2s24 | 2n36 | 8s58 | 0s46 | 10n19 | 0n36 | 20n33 | 1s10 | 13s49 | 13s28 | 12s20 | 17n 5 | 3s22 |

Julian Day Number = 2606162.5, Delta T = 09m46s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'32, Lahiri = 29°46'33


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## JUNE 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 37 26 | 10♊34'40 | 22♒ 1 | 6°R 4 | 29♈42 | 29♉34 | 21°R40 | 12°R 7 | 8♓47 | 4♍43 | 21♋16 | 6°R58 | 5♏52 | 1♏35 | 1♊29 | T 1 |
| F 2 | 16 41 23 | 11°32'19 | 5♓31 | 5♊32 | 0♉17 | 0♊17 | 21♑36 | 12♎ 6 | 8°48 | 4°44 | 21°17 | 6°D56 | 5°49 | 1°41 | 1°34 | F 2 |
| S 3 | 16 45 19 | 12°29'57 | 19°19 | 5° 3 | 0°53 | 1° 1 | 21°32 | 12° 4 | 8°48 | 4°44 | 21°18 | 6♏56 | 5°45 | 1°48 | 1°38 | S 3 |
| S 4 | 16 49 16 | 13°27'34 | 3♈24 | 4°36 | 1°30 | 1°44 | 21°27 | 12° 3 | 8°49 | 4°45 | 21°20 | 6°57 | 5°42 | 1°54 | 1°42 | S 4 |
| M 5 | 16 53 12 | 14°25'10 | 17°46 | 4°12 | 2° 9 | 2°27 | 21°23 | 12° 2 | 8°49 | 4°45 | 21°21 | 6°59 | 5°39 | 2° 1 | 1°47 | M 5 |
| T 6 | 16 57 9 | 15°22'46 | 2♉22 | 3°51 | 2°48 | 3°11 | 21°18 | 12° 1 | 8°50 | 4°46 | 21°22 | 7°R 0 | 5°36 | 2° 8 | 1°51 | T 6 |
| W 7 | 17 1 6 | 16°20'21 | 17° 8 | 3°34 | 3°29 | 3°54 | 21°13 | 12° 1 | 8°50 | 4°47 | 21°23 | 6°59 | 5°33 | 2°14 | 1°55 | W 7 |
| T 8 | 17 5 2 | 17°17'54 | 1♊58 | 3°21 | 4°11 | 4°37 | 21° 8 | 12° 0 | 8°50 | 4°48 | 21°25 | 6°57 | 5°30 | 2°21 | 2° 0 | T 8 |
| F 9 | 17 8 59 | 18°15'27 | 16°45 | 3°13 | 4°53 | 5°20 | 21° 3 | 11°59 | 8°51 | 4°48 | 21°26 | 6°53 | 5°26 | 2°28 | 2° 4 | F 9 |
| S 10 | 17 12 55 | 19°12'59 | 1♋21 | 3° 8 | 5°37 | 6° 3 | 20°58 | 11°59 | 8°51 | 4°49 | 21°27 | 6°48 | 5°23 | 2°34 | 2° 8 | S 10 |
| S 11 | 17 16 52 | 20°10'30 | 15°38 | 3°D 8 | 6°21 | 6°46 | 20°52 | 11°58 | 8°51 | 4°50 | 21°29 | 6°41 | 5°20 | 2°41 | 2°13 | S 11 |
| M12 | 17 20 48 | 21° 8'00 | 29°33 | 3°12 | 7° 7 | 7°29 | 20°46 | 11°58 | 8°51 | 4°51 | 21°30 | 6°34 | 5°17 | 2°48 | 2°17 | M12 |
| T 13 | 17 24 45 | 22° 5'28 | 13♌ 2 | 3°21 | 7°53 | 8°12 | 20°41 | 11°58 | 8°R51 | 4°52 | 21°31 | 6°28 | 5°14 | 2°54 | 2°21 | T 13 |
| W14 | 17 28 41 | 23° 2'56 | 26° 6 | 3°34 | 8°40 | 8°55 | 20°35 | 11°D58 | 8°51 | 4°53 | 21°33 | 6°23 | 5°11 | 3° 1 | 2°25 | W14 |
| T 15 | 17 32 38 | 24° 0'22 | 8♍46 | 3°52 | 9°28 | 9°38 | 20°29 | 11°58 | 8°51 | 4°54 | 21°34 | 6°20 | 5° 7 | 3° 8 | 2°29 | T 15 |
| F 16 | 17 36 35 | 24°57'47 | 21° 5 | 4°14 | 10°16 | 10°21 | 20°23 | 11°58 | 8°51 | 4°55 | 21°36 | 6°D19 | 5° 4 | 3°14 | 2°34 | F 16 |
| S 17 | 17 40 31 | 25°55'11 | 3♎ 9 | 4°41 | 11° 5 | 11° 3 | 20°16 | 11°58 | 8°51 | 4°56 | 21°37 | 6°19 | 5° 1 | 3°21 | 2°38 | S 17 |
| S 18 | 17 44 28 | 26°52'34 | 15° 2 | 5°12 | 11°55 | 11°46 | 20°10 | 11°59 | 8°50 | 4°57 | 21°38 | 6°20 | 4°58 | 3°27 | 2°42 | S 18 |
| M19 | 17 48 24 | 27°49'56 | 26°51 | 5°47 | 12°46 | 12°29 | 20° 3 | 11°59 | 8°50 | 4°58 | 21°40 | 6°21 | 4°55 | 3°34 | 2°46 | M19 |
| T 20 | 17 52 21 | 28°47'17 | 8♏38 | 6°26 | 13°37 | 13°11 | 19°57 | 12° 0 | 8°50 | 4°59 | 21°41 | 6°R21 | 4°51 | 3°41 | 2°50 | T 20 |
| W21 | 17 56 17 | 29°44'37 | 20°30 | 7° 9 | 14°29 | 13°54 | 19°50 | 12° 0 | 8°50 | 5° 0 | 21°43 | 6°20 | 4°48 | 3°47 | 2°54 | W21 |
| T 22 | 18 0 14 | 0♋41'56 | 2♐30 | 7°57 | 15°21 | 14°36 | 19°43 | 12° 1 | 8°49 | 5° 1 | 21°44 | 6°17 | 4°45 | 3°54 | 2°58 | T 22 |
| F 23 | 18 4 10 | 1°39'15 | 14°41 | 8°48 | 16°14 | 15°18 | 19°36 | 12° 2 | 8°49 | 5° 2 | 21°46 | 6°11 | 4°42 | 4° 1 | 3° 2 | F 23 |
| S 24 | 18 8 7 | 2°36'33 | 27° 5 | 9°43 | 17° 8 | 16° 1 | 19°29 | 12° 3 | 8°48 | 5° 3 | 21°47 | 6° 4 | 4°39 | 4° 7 | 3° 6 | S 24 |
| S 25 | 18 12 4 | 3°33'50 | 9♑43 | 10°42 | 18° 2 | 16°43 | 19°22 | 12° 4 | 8°48 | 5° 5 | 21°49 | 5°55 | 4°36 | 4°14 | 3°10 | S 25 |
| M26 | 18 16 0 | 4°31'07 | 22°35 | 11°45 | 18°56 | 17°25 | 19°15 | 12° 5 | 8°47 | 5° 6 | 21°50 | 5°45 | 4°32 | 4°21 | 3°14 | M26 |
| T 27 | 18 19 57 | 5°28'23 | 5♒40 | 12°51 | 19°52 | 18° 7 | 19° 8 | 12° 6 | 8°46 | 5° 7 | 21°52 | 5°35 | 4°29 | 4°27 | 3°18 | T 27 |
| W28 | 18 23 53 | 6°25'39 | 18°58 | 14° 1 | 20°47 | 18°49 | 19° 1 | 12° 8 | 8°46 | 5° 9 | 21°53 | 5°26 | 4°26 | 4°34 | 3°22 | W28 |
| T 29 | 18 27 50 | 7°22'55 | 2♓27 | 15°14 | 21°43 | 19°31 | 18°53 | 12° 9 | 8°45 | 5°10 | 21°55 | 5°19 | 4°23 | 4°41 | 3°26 | T 29 |
| F 30 | 18 31 46 | 8♋20'10 | 16♓ 7 | 16♊31 | 22♉40 | 20♊13 | 18♑46 | 12♎11 | 8♓44 | 5♍11 | 21♋56 | 5♏15 | 4♏20 | 4♏47 | 3♊29 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21n59 | 9s22 | 5n 2 | 19n 1 | 2s17 | 10n 4 | 1s22 | 20n 0 | 0s 1 | 21s38 | 0n 1 | 2s23 | 2n35 | 8s58 | 0s46 | 10n19 | 0n36 | 20n33 | 1s10 | 13s48 | 13s27 | 12s21 | 17n 6 | 3s23 |
| F 2 | 22 7 | 5 12 | 4 35 | 18 41 | 2 32 | 10 9 | 1 29 | 20 9 | 0 0 | 21 39 | 0 1 | 2 23 | 2 35 | 8 58 | 0 46 | 10 19 | 0 36 | 20 33 | 1 10 | 13 48 | 13 26 | 12 23 | 17 7 | 3 23 |
| S 3 | 22 14 | 0 40 | 3 51 | 18 22 | 2 46 | 10 15 | 1 36 | 20 19 | 0n 0 | 21 39 | 0 0 | 2 23 | 2 35 | 8 58 | 0 46 | 10 18 | 0 36 | 20 33 | 1 10 | 13 48 | 13 25 | 12 24 | 17 8 | 3 23 |
| S 4 | 22 22 | 4n 0 | 2 53 | 18 4 | 2 59 | 10 22 | 1 42 | 20 28 | 0 1 | 21 40 | 0 0 | 2 23 | 2 35 | 8 58 | 0 46 | 10 18 | 0 36 | 20 33 | 1 10 | 13 48 | 13 24 | 12 26 | 17 8 | 3 23 |
| M 5 | 22 28 | 8 33 | 1 43 | 17 48 | 3 11 | 10 30 | 1 48 | 20 38 | 0 2 | 21 41 | 0 0 | 2 23 | 2 35 | 8 57 | 0 46 | 10 18 | 0 36 | 20 33 | 1 10 | 13 49 | 13 22 | 12 27 | 17 9 | 3 23 |
| T 6 | 22 35 | 12 40 | 0 25 | 17 33 | 3 22 | 10 37 | 1 54 | 20 47 | 0 2 | 21 42 | 0 0 | 2 22 | 2 34 | 8 57 | 0 46 | 10 18 | 0 36 | 20 33 | 1 10 | 13 49 | 13 21 | 12 29 | 17 10 | 3 23 |
| W 7 | 22 41 | 16 2 | 0s55 | 17 21 | 3 32 | 10 46 | 2 0 | 20 56 | 0 3 | 21 43 | 0s 0 | 2 22 | 2 34 | 8 57 | 0 46 | 10 17 | 0 36 | 20 32 | 1 10 | 13 49 | 13 20 | 12 30 | 17 11 | 3 23 |
| T 8 | 22 47 | 18 21 | 2 12 | 17 10 | 3 41 | 10 55 | 2 5 | 21 4 | 0 4 | 21 44 | 0 0 | 2 22 | 2 34 | 8 57 | 0 46 | 10 17 | 0 36 | 20 32 | 1 10 | 13 48 | 13 19 | 12 32 | 17 11 | 3 23 |
| F 9 | 22 52 | 19 25 | 3 19 | 17 1 | 3 48 | 11 4 | 2 11 | 21 13 | 0 4 | 21 45 | 0 0 | 2 22 | 2 34 | 8 57 | 0 46 | 10 17 | 0 36 | 20 32 | 1 9 | 13 47 | 13 18 | 12 33 | 17 12 | 3 24 |
| S 10 | 22 57 | 19 10 | 4 13 | 16 54 | 3 54 | 11 14 | 2 15 | 21 21 | 0 5 | 21 46 | 0 0 | 2 22 | 2 33 | 8 57 | 0 46 | 10 16 | 0 36 | 20 32 | 1 9 | 13 45 | 13 17 | 12 34 | 17 13 | 3 24 |
| S 11 | 23 1 | 17 41 | 4 49 | 16 49 | 3 59 | 11 24 | 2 20 | 21 29 | 0 6 | 21 47 | 0 1 | 2 22 | 2 33 | 8 57 | 0 46 | 10 16 | 0 36 | 20 32 | 1 9 | 13 43 | 13 16 | 12 36 | 17 13 | 3 24 |
| M12 | 23 5 | 15 11 | 5 7 | 16 46 | 4 3 | 11 35 | 2 24 | 21 37 | 0 6 | 21 48 | 0 1 | 2 22 | 2 33 | 8 57 | 0 46 | 10 16 | 0 36 | 20 32 | 1 9 | 13 41 | 13 15 | 12 37 | 17 14 | 3 24 |
| T 13 | 23 9 | 11 57 | 5 7 | 16 46 | 4 5 | 11 46 | 2 28 | 21 44 | 0 7 | 21 49 | 0 1 | 2 23 | 2 33 | 8 57 | 0 46 | 10 15 | 0 36 | 20 32 | 1 9 | 13 39 | 13 14 | 12 39 | 17 15 | 3 24 |
| W14 | 23 12 | 8 13 | 4 51 | 16 47 | 4 7 | 11 57 | 2 32 | 21 51 | 0 8 | 21 50 | 0 1 | 2 23 | 2 32 | 8 57 | 0 47 | 10 15 | 0 36 | 20 31 | 1 9 | 13 37 | 13 13 | 12 40 | 17 15 | 3 24 |
| T 15 | 23 15 | 4 13 | 4 21 | 16 50 | 4 7 | 12 8 | 2 36 | 21 59 | 0 8 | 21 51 | 0 1 | 2 23 | 2 32 | 8 57 | 0 47 | 10 15 | 0 36 | 20 31 | 1 9 | 13 36 | 13 12 | 12 42 | 17 16 | 3 24 |
| F 16 | 23 17 | 0 9 | 3 40 | 16 54 | 4 6 | 12 20 | 2 39 | 22 5 | 0 9 | 21 52 | 0 1 | 2 23 | 2 32 | 8 57 | 0 47 | 10 14 | 0 36 | 20 31 | 1 9 | 13 36 | 13 11 | 12 43 | 17 17 | 3 25 |
| S 17 | 23 19 | 3s51 | 2 50 | 17 1 | 4 5 | 12 32 | 2 43 | 22 12 | 0 9 | 21 53 | 0 1 | 2 24 | 2 32 | 8 57 | 0 47 | 10 14 | 0 36 | 20 31 | 1 9 | 13 36 | 13 10 | 12 45 | 17 17 | 3 25 |
| S 18 | 23 21 | 7 39 | 1 53 | 17 9 | 4 2 | 12 45 | 2 46 | 22 19 | 0 10 | 21 54 | 0 2 | 2 24 | 2 31 | 8 57 | 0 47 | 10 14 | 0 36 | 20 31 | 1 9 | 13 36 | 13 9 | 12 46 | 17 18 | 3 25 |
| M19 | 23 22 | 11 7 | 0 51 | 17 18 | 3 59 | 12 57 | 2 49 | 22 25 | 0 11 | 21 55 | 0 2 | 2 24 | 2 31 | 8 58 | 0 47 | 10 13 | 0 36 | 20 31 | 1 9 | 13 36 | 13 8 | 12 47 | 17 18 | 3 25 |
| T 20 | 23 23 | 14 9 | 0n12 | 17 29 | 3 54 | 13 10 | 2 51 | 22 31 | 0 11 | 21 56 | 0 2 | 2 25 | 2 31 | 8 58 | 0 47 | 10 13 | 0 36 | 20 31 | 1 9 | 13 36 | 13 7 | 12 49 | 17 19 | 3 25 |
| W21 | 23 23 | 16 37 | 1 16 | 17 41 | 3 49 | 13 23 | 2 54 | 22 37 | 0 12 | 21 57 | 0 2 | 2 25 | 2 31 | 8 58 | 0 47 | 10 12 | 0 36 | 20 30 | 1 9 | 13 36 | 13 6 | 12 50 | 17 20 | 3 26 |
| T 22 | 23 23 | 18 23 | 2 16 | 17 55 | 3 43 | 13 36 | 2 56 | 22 42 | 0 13 | 21 58 | 0 2 | 2 26 | 2 30 | 8 58 | 0 47 | 10 12 | 0 36 | 20 30 | 1 9 | 13 35 | 13 4 | 12 52 | 17 20 | 3 26 |
| F 23 | 23 22 | 19 21 | 3 11 | 18 9 | 3 37 | 13 49 | 2 58 | 22 48 | 0 13 | 21 59 | 0 2 | 2 26 | 2 30 | 8 58 | 0 47 | 10 12 | 0 36 | 20 30 | 1 8 | 13 33 | 13 3 | 12 53 | 17 21 | 3 26 |
| S 24 | 23 21 | 19 23 | 3 58 | 18 24 | 3 29 | 14 2 | 3 0 | 22 53 | 0 14 | 22 1 | 0 2 | 2 27 | 2 30 | 8 59 | 0 47 | 10 11 | 0 35 | 20 30 | 1 8 | 13 31 | 13 2 | 12 54 | 17 21 | 3 26 |
| S 25 | 23 20 | 18 29 | 4 34 | 18 41 | 3 21 | 14 16 | 3 1 | 22 58 | 0 15 | 22 2 | 0 3 | 2 28 | 2 30 | 8 59 | 0 47 | 10 11 | 0 35 | 20 30 | 1 8 | 13 28 | 13 1 | 12 56 | 17 22 | 3 26 |
| M26 | 23 18 | 16 37 | 4 57 | 18 57 | 3 13 | 14 29 | 3 3 | 23 3 | 0 15 | 22 3 | 0 3 | 2 28 | 2 29 | 8 59 | 0 47 | 10 10 | 0 35 | 20 30 | 1 8 | 13 24 | 13 0 | 12 57 | 17 22 | 3 26 |
| T 27 | 23 16 | 13 53 | 5 5 | 19 15 | 3 4 | 14 42 | 3 4 | 23 7 | 0 16 | 22 4 | 0 3 | 2 29 | 2 29 | 8 59 | 0 47 | 10 10 | 0 35 | 20 29 | 1 8 | 13 21 | 12 59 | 12 59 | 17 23 | 3 27 |
| W28 | 23 14 | 10 24 | 4 56 | 19 33 | 2 54 | 14 56 | 3 5 | 23 11 | 0 17 | 22 5 | 0 3 | 2 30 | 2 29 | 9 0 | 0 47 | 10 9 | 0 35 | 20 29 | 1 8 | 13 18 | 12 58 | 13 0 | 17 23 | 3 27 |
| T 29 | 23 11 | 6 21 | 4 31 | 19 51 | 2 44 | 15 9 | 3 6 | 23 15 | 0 17 | 22 6 | 0 3 | 2 30 | 2 29 | 9 0 | 0 47 | 10 9 | 0 35 | 20 29 | 1 8 | 13 16 | 12 57 | 13 1 | 17 24 | 3 27 |
| F 30 | 23n 7 | 1s55 | 3n51 | 20n 9 | 2s34 | 15n23 | 3s 7 | 23n19 | 0n18 | 22s 7 | 0s 3 | 2s31 | 2n29 | 9s 0 | 0s47 | 10n 8 | 0n35 | 20n29 | 1s 8 | 13s14 | 12s56 | 13s 3 | 17n25 | 3s27 |

Julian Day Number = 2606193.5, Delta T = 09m47s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'36, Lahiri = 29°46'37


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## JULY 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 35 43 | 9♋17'26 | 29♓58 | 17♊52 | 23♉37 | 20♊55 | 18°R39 | 12♎12 | 8°R43 | 5♍13 | 21♋58 | 5°R13 | 4♏17 | 4♏54 | 3♊33 | S 1 |
| S 2 | 18 39 39 | 10°14'41 | 13♈58 | 19°16 | 24°34 | 21°37 | 18♏31 | 12°14 | 8♓43 | 5°14 | 21°59 | 5°D13 | 4°13 | 5° 1 | 3°37 | S 2 |
| M 3 | 18 43 36 | 11°11'56 | 28° 7 | 20°43 | 25°32 | 22°19 | 18°24 | 12°16 | 8°42 | 5°15 | 22° 1 | 5°R13 | 4°10 | 5° 7 | 3°41 | M 3 |
| T 4 | 18 47 33 | 12° 9'12 | 12♉25 | 22°14 | 26°30 | 23° 1 | 18°16 | 12°18 | 8°41 | 5°17 | 22° 2 | 5♏13 | 4° 7 | 5°14 | 3°44 | T 4 |
| W 5 | 18 51 29 | 13° 6'27 | 26°49 | 23°48 | 27°29 | 23°43 | 18° 8 | 12°20 | 8°40 | 5°18 | 22° 4 | 5°11 | 4° 4 | 5°20 | 3°48 | W 5 |
| T 6 | 18 55 26 | 14° 3'42 | 11♊15 | 25°25 | 28°28 | 24°24 | 18° 1 | 12°22 | 8°39 | 5°20 | 22° 5 | 5° 7 | 4° 1 | 5°27 | 3°52 | T 6 |
| F 7 | 18 59 22 | 15° 0'58 | 25°39 | 27° 6 | 29°27 | 25° 6 | 17°53 | 12°24 | 8°38 | 5°21 | 22° 7 | 5° 1 | 3°57 | 5°34 | 3°55 | F 7 |
| S 8 | 19 3 19 | 15°58'13 | 9♋56 | 28°49 | 0♊27 | 25°47 | 17°45 | 12°26 | 8°36 | 5°23 | 22° 8 | 4°52 | 3°54 | 5°40 | 3°59 | S 8 |
| S 9 | 19 7 15 | 16°55'28 | 23°59 | 0♋36 | 1°27 | 26°29 | 17°38 | 12°29 | 8°35 | 5°25 | 22°10 | 4°41 | 3°51 | 5°47 | 4° 2 | S 9 |
| M10 | 19 11 12 | 17°52'43 | 7♌44 | 2°26 | 2°27 | 27°10 | 17°30 | 12°31 | 8°34 | 5°26 | 22°11 | 4°30 | 3°48 | 5°54 | 4° 6 | M10 |
| T 11 | 19 15 9 | 18°49'58 | 21° 7 | 4°18 | 3°28 | 27°52 | 17°22 | 12°34 | 8°33 | 5°28 | 22°13 | 4°19 | 3°45 | 6° 0 | 4° 9 | T 11 |
| W12 | 19 19 5 | 19°47'13 | 4♍ 8 | 6°13 | 4°29 | 28°33 | 17°14 | 12°36 | 8°32 | 5°30 | 22°14 | 4°10 | 3°42 | 6° 7 | 4°13 | W12 |
| T 13 | 19 23 2 | 20°44'27 | 16°47 | 8°11 | 5°30 | 29°14 | 17° 7 | 12°39 | 8°30 | 5°31 | 22°16 | 4° 4 | 3°38 | 6°14 | 4°16 | T 13 |
| F 14 | 19 26 58 | 21°41'41 | 29° 6 | 10°11 | 6°32 | 29°56 | 16°59 | 12°42 | 8°29 | 5°33 | 22°18 | 4° 0 | 3°35 | 6°20 | 4°20 | F 14 |
| S 15 | 19 30 55 | 22°38'55 | 11♎10 | 12°13 | 7°33 | 0♋37 | 16°51 | 12°45 | 8°27 | 5°35 | 22°19 | 3°58 | 3°32 | 6°27 | 4°23 | S 15 |
| S 16 | 19 34 51 | 23°36'09 | 23° 4 | 14°17 | 8°35 | 1°18 | 16°44 | 12°48 | 8°26 | 5°36 | 22°21 | 3°D57 | 3°29 | 6°34 | 4°26 | S 16 |
| M17 | 19 38 48 | 24°33'23 | 4♏53 | 16°23 | 9°38 | 1°59 | 16°36 | 12°51 | 8°25 | 5°38 | 22°22 | 3°R57 | 3°26 | 6°40 | 4°29 | M17 |
| T 18 | 19 42 44 | 25°30'36 | 16°42 | 18°30 | 10°40 | 2°40 | 16°29 | 12°54 | 8°23 | 5°40 | 22°24 | 3°57 | 3°23 | 6°47 | 4°33 | T 18 |
| W19 | 19 46 41 | 26°27'50 | 28°37 | 20°38 | 11°43 | 3°21 | 16°21 | 12°58 | 8°21 | 5°42 | 22°25 | 3°55 | 3°19 | 6°53 | 4°36 | W19 |
| T 20 | 19 50 38 | 27°25'03 | 10♐42 | 22°47 | 12°46 | 4° 2 | 16°14 | 13° 1 | 8°20 | 5°43 | 22°27 | 3°51 | 3°16 | 7° 0 | 4°39 | T 20 |
| F 21 | 19 54 34 | 28°22'17 | 23° 2 | 24°56 | 13°49 | 4°43 | 16° 6 | 13° 5 | 8°18 | 5°45 | 22°28 | 3°44 | 3°13 | 7° 7 | 4°42 | F 21 |
| S 22 | 19 58 31 | 29°19'30 | 5♑38 | 27° 5 | 14°53 | 5°24 | 15°59 | 13° 8 | 8°17 | 5°47 | 22°30 | 3°34 | 3°10 | 7°13 | 4°45 | S 22 |
| S 23 | 20 2 27 | 0♌16'44 | 18°32 | 29°14 | 15°57 | 6° 4 | 15°52 | 13°12 | 8°15 | 5°49 | 22°31 | 3°23 | 3° 7 | 7°20 | 4°48 | S 23 |
| M24 | 20 6 24 | 1°13'58 | 1♒44 | 1♌23 | 17° 1 | 6°45 | 15°45 | 13°16 | 8°13 | 5°51 | 22°33 | 3°11 | 3° 3 | 7°27 | 4°51 | M24 |
| T 25 | 20 10 20 | 2°11'13 | 15°12 | 3°31 | 18° 5 | 7°26 | 15°37 | 13°19 | 8°11 | 5°53 | 22°35 | 2°59 | 3° 0 | 7°33 | 4°54 | T 25 |
| W26 | 20 14 17 | 3° 8'28 | 28°54 | 5°38 | 19° 9 | 8° 6 | 15°30 | 13°23 | 8°10 | 5°55 | 22°36 | 2°48 | 2°57 | 7°40 | 4°56 | W26 |
| T 27 | 20 18 13 | 4° 5'43 | 12♓46 | 7°44 | 20°14 | 8°47 | 15°23 | 13°27 | 8° 8 | 5°57 | 22°38 | 2°39 | 2°54 | 7°47 | 4°59 | T 27 |
| F 28 | 20 22 10 | 5° 2'59 | 26°45 | 9°48 | 21°19 | 9°27 | 15°17 | 13°31 | 8° 6 | 5°59 | 22°39 | 2°34 | 2°51 | 7°53 | 5° 2 | F 28 |
| S 29 | 20 26 7 | 6° 0'16 | 10♈49 | 11°52 | 22°24 | 10° 8 | 15°10 | 13°35 | 8° 4 | 6° 1 | 22°41 | 2°31 | 2°48 | 8° 0 | 5° 5 | S 29 |
| S 30 | 20 30 3 | 6°57'34 | 24°55 | 13°54 | 23°29 | 10°48 | 15° 3 | 13°40 | 8° 2 | 6° 3 | 22°42 | 2°30 | 2°44 | 8° 7 | 5° 7 | S 30 |
| M31 | 20 34 0 | 7♌54'52 | 9♉ 3 | 15♌55 | 24♊35 | 11♋29 | 14♏56 | 13♎44 | 8♓ 0 | 6♍ 5 | 22♋44 | 2♏30 | 2♏41 | 8♏13 | 5♊10 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 3 | 2n41 | 2n57 | 20n28 | 2s23 | 15n36 | 3s 7 | 23n23 | 0n19 | 22s 9 | 0s 3 | 2s32 | 2n28 | 9s 1 | 0s47 | 10n 8 | 0n35 | 20n29 | 1s 8 | 13s14 | 12s55 | 13s 4 | 17n25 | 3s27 |
| S 2 | 22 59 | 7 12 | 1 51 | 20 46 | 2 11 | 15 50 | 3 8 | 23 26 | 0 19 | 22 10 | 0 4 | 2 33 | 2 28 | 9 1 | 0 47 | 10 7 | 0 35 | 20 29 | 1 8 | 13 14 | 12 54 | 13 6 | 17 25 | 3 28 |
| M 3 | 22 55 | 11 22 | 0 38 | 21 4 | 2 0 | 16 3 | 3 8 | 23 29 | 0 20 | 22 11 | 0 4 | 2 34 | 2 28 | 9 1 | 0 47 | 10 7 | 0 35 | 20 28 | 1 8 | 13 14 | 12 53 | 13 7 | 17 26 | 3 28 |
| T 4 | 22 50 | 14 55 | 0s38 | 21 21 | 1 48 | 16 16 | 3 8 | 23 32 | 0 20 | 22 12 | 0 4 | 2 35 | 2 28 | 9 2 | 0 47 | 10 6 | 0 35 | 20 28 | 1 8 | 13 14 | 12 52 | 13 8 | 17 26 | 3 28 |
| W 5 | 22 44 | 17 34 | 1 52 | 21 38 | 1 36 | 16 29 | 3 8 | 23 35 | 0 21 | 22 13 | 0 4 | 2 36 | 2 27 | 9 2 | 0 47 | 10 6 | 0 35 | 20 28 | 1 8 | 13 13 | 12 51 | 13 10 | 17 27 | 3 28 |
| T 6 | 22 38 | 19 7 | 2 59 | 21 54 | 1 24 | 16 42 | 3 8 | 23 38 | 0 22 | 22 14 | 0 4 | 2 37 | 2 27 | 9 3 | 0 47 | 10 5 | 0 35 | 20 28 | 1 8 | 13 12 | 12 50 | 13 11 | 17 27 | 3 29 |
| F 7 | 22 32 | 19 24 | 3 55 | 22 9 | 1 12 | 16 55 | 3 8 | 23 40 | 0 22 | 22 16 | 0 4 | 2 38 | 2 27 | 9 3 | 0 47 | 10 4 | 0 35 | 20 28 | 1 8 | 13 10 | 12 48 | 13 13 | 17 28 | 3 29 |
| S 8 | 22 26 | 18 27 | 4 34 | 22 23 | 1 0 | 17 8 | 3 8 | 23 42 | 0 23 | 22 17 | 0 4 | 2 39 | 2 27 | 9 3 | 0 47 | 10 4 | 0 35 | 20 27 | 1 7 | 13 7 | 12 47 | 13 14 | 17 28 | 3 29 |
| S 9 | 22 19 | 16 23 | 4 57 | 22 36 | 0 47 | 17 21 | 3 7 | 23 44 | 0 24 | 22 18 | 0 4 | 2 40 | 2 26 | 9 4 | 0 47 | 10 3 | 0 35 | 20 27 | 1 7 | 13 3 | 12 46 | 13 15 | 17 29 | 3 29 |
| M10 | 22 11 | 13 26 | 5 2 | 22 46 | 0 35 | 17 33 | 3 7 | 23 45 | 0 24 | 22 19 | 0 5 | 2 41 | 2 26 | 9 4 | 0 48 | 10 3 | 0 35 | 20 27 | 1 7 | 12 59 | 12 45 | 13 17 | 17 29 | 3 30 |
| T 11 | 22 4 | 9 51 | 4 49 | 22 56 | 0 23 | 17 45 | 3 6 | 23 47 | 0 25 | 22 20 | 0 5 | 2 43 | 2 26 | 9 5 | 0 48 | 10 2 | 0 35 | 20 27 | 1 7 | 12 56 | 12 44 | 13 18 | 17 29 | 3 30 |
| W12 | 21 56 | 5 54 | 4 22 | 23 3 | 0 11 | 17 57 | 3 5 | 23 48 | 0 26 | 22 21 | 0 5 | 2 44 | 2 26 | 9 5 | 0 48 | 10 1 | 0 35 | 20 27 | 1 7 | 12 53 | 12 43 | 13 19 | 17 30 | 3 30 |
| T 13 | 21 47 | 1 47 | 3 43 | 23 8 | 0n 0 | 18 9 | 3 4 | 23 49 | 0 26 | 22 22 | 0 5 | 2 45 | 2 25 | 9 6 | 0 48 | 10 1 | 0 35 | 20 27 | 1 7 | 12 51 | 12 42 | 13 21 | 17 30 | 3 30 |
| F 14 | 21 38 | 2s18 | 2 54 | 23 11 | 0 12 | 18 21 | 3 3 | 23 50 | 0 27 | 22 23 | 0 5 | 2 47 | 2 25 | 9 6 | 0 48 | 10 0 | 0 35 | 20 26 | 1 7 | 12 49 | 12 41 | 13 22 | 17 31 | 3 30 |
| S 15 | 21 29 | 6 13 | 1 58 | 23 12 | 0 23 | 18 32 | 3 1 | 23 50 | 0 27 | 22 25 | 0 5 | 2 48 | 2 25 | 9 7 | 0 48 | 10 0 | 0 35 | 20 26 | 1 7 | 12 49 | 12 40 | 13 23 | 17 31 | 3 31 |
| S 16 | 21 20 | 9 50 | 0 58 | 23 10 | 0 33 | 18 43 | 3 0 | 23 51 | 0 28 | 22 26 | 0 5 | 2 49 | 2 25 | 9 8 | 0 48 | 9 59 | 0 35 | 20 26 | 1 7 | 12 48 | 12 39 | 13 25 | 17 31 | 3 31 |
| M17 | 21 10 | 13 2 | 0n 5 | 23 5 | 0 43 | 18 54 | 2 59 | 23 51 | 0 29 | 22 27 | 0 6 | 2 51 | 2 25 | 9 8 | 0 48 | 9 58 | 0 35 | 20 26 | 1 7 | 12 48 | 12 38 | 13 26 | 17 32 | 3 31 |
| T 18 | 20 59 | 15 43 | 1 7 | 22 58 | 0 52 | 19 4 | 2 57 | 23 51 | 0 29 | 22 28 | 0 6 | 2 52 | 2 24 | 9 9 | 0 48 | 9 58 | 0 35 | 20 26 | 1 7 | 12 48 | 12 37 | 13 27 | 17 32 | 3 31 |
| W19 | 20 49 | 17 44 | 2 7 | 22 48 | 1 1 | 19 14 | 2 55 | 23 50 | 0 30 | 22 29 | 0 6 | 2 54 | 2 24 | 9 9 | 0 48 | 9 57 | 0 35 | 20 25 | 1 7 | 12 48 | 12 36 | 13 29 | 17 32 | 3 32 |
| T 20 | 20 38 | 19 0 | 3 2 | 22 36 | 1 9 | 19 24 | 2 54 | 23 50 | 0 31 | 22 30 | 0 6 | 2 55 | 2 24 | 9 10 | 0 48 | 9 56 | 0 35 | 20 25 | 1 7 | 12 46 | 12 34 | 13 30 | 17 32 | 3 32 |
| F 21 | 20 26 | 19 23 | 3 49 | 22 21 | 1 16 | 19 34 | 2 52 | 23 49 | 0 31 | 22 31 | 0 6 | 2 57 | 2 24 | 9 11 | 0 48 | 9 56 | 0 35 | 20 25 | 1 7 | 12 44 | 12 33 | 13 31 | 17 33 | 3 32 |
| S 22 | 20 15 | 18 50 | 4 26 | 22 3 | 1 23 | 19 43 | 2 50 | 23 48 | 0 32 | 22 32 | 0 6 | 2 58 | 2 23 | 9 11 | 0 48 | 9 55 | 0 35 | 20 25 | 1 7 | 12 41 | 12 32 | 13 33 | 17 33 | 3 33 |
| S 23 | 20 3 | 17 18 | 4 51 | 21 42 | 1 29 | 19 52 | 2 48 | 23 47 | 0 33 | 22 33 | 0 6 | 3 0 | 2 23 | 9 12 | 0 48 | 9 54 | 0 35 | 20 25 | 1 7 | 12 37 | 12 31 | 13 34 | 17 33 | 3 33 |
| M24 | 19 50 | 14 50 | 5 0 | 21 20 | 1 33 | 20 0 | 2 45 | 23 46 | 0 33 | 22 34 | 0 7 | 3 2 | 2 23 | 9 13 | 0 48 | 9 54 | 0 35 | 20 24 | 1 7 | 12 33 | 12 30 | 13 35 | 17 33 | 3 33 |
| T 25 | 19 38 | 11 33 | 4 54 | 20 54 | 1 38 | 20 8 | 2 43 | 23 44 | 0 34 | 22 35 | 0 7 | 3 3 | 2 23 | 9 13 | 0 48 | 9 53 | 0 35 | 20 24 | 1 6 | 12 28 | 12 29 | 13 37 | 17 34 | 3 33 |
| W26 | 19 25 | 7 36 | 4 30 | 20 27 | 1 41 | 20 16 | 2 41 | 23 42 | 0 34 | 22 36 | 0 7 | 3 5 | 2 23 | 9 14 | 0 48 | 9 52 | 0 35 | 20 24 | 1 6 | 12 25 | 12 28 | 13 38 | 17 34 | 3 34 |
| T 27 | 19 11 | 3 12 | 3 51 | 19 58 | 1 44 | 20 23 | 2 39 | 23 40 | 0 35 | 22 37 | 0 7 | 3 7 | 2 22 | 9 15 | 0 48 | 9 51 | 0 35 | 20 24 | 1 6 | 12 22 | 12 27 | 13 39 | 17 34 | 3 34 |
| F 28 | 18 58 | 1n25 | 2 57 | 19 27 | 1 46 | 20 30 | 2 36 | 23 38 | 0 36 | 22 38 | 0 7 | 3 8 | 2 22 | 9 15 | 0 48 | 9 51 | 0 35 | 20 24 | 1 6 | 12 20 | 12 26 | 13 41 | 17 34 | 3 34 |
| S 29 | 18 44 | 5 59 | 1 52 | 18 54 | 1 47 | 20 37 | 2 33 | 23 36 | 0 36 | 22 38 | 0 7 | 3 10 | 2 22 | 9 16 | 0 48 | 9 50 | 0 35 | 20 23 | 1 6 | 12 19 | 12 25 | 13 42 | 17 35 | 3 35 |
| S 30 | 18 29 | 10 15 | 0 40 | 18 20 | 1 47 | 20 43 | 2 31 | 23 33 | 0 37 | 22 39 | 0 7 | 3 12 | 2 22 | 9 17 | 0 48 | 9 49 | 0 35 | 20 23 | 1 6 | 12 19 | 12 24 | 13 43 | 17 35 | 3 35 |
| M31 | 18n15 | 13n56 | 0s35 | 17n44 | 1n47 | 20n48 | 2s28 | 23n31 | 0n37 | 22s40 | 0s 7 | 3s14 | 2n22 | 9s18 | 0s48 | 9n49 | 0n35 | 20n23 | 1s 6 | 12s19 | 12s23 | 13s45 | 17n35 | 3s35 |

Julian Day Number = 2606223.5, Delta T = 09m47s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'40, Lahiri = 29°46'42


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## AUGUST 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 37 56 | 8♌52'12 | 23♉10 | 17♌54 | 25♊40 | 12♋ 9 | 14°R50 | 13♎48 | 7°R58 | 6♍ 7 | 22♋45 | 2°R29 | 2♏38 | 8♏20 | 5♊12 | T 1 |
| W 2 | 20 41 53 | 9°49'32 | 7♊17 | 19°51 | 26°46 | 12°49 | 14♑44 | 13°53 | 7♓56 | 6° 9 | 22°47 | 2♏27 | 2°35 | 8°27 | 5°15 | W 2 |
| T 3 | 20 45 49 | 10°46'53 | 21°21 | 21°47 | 27°52 | 13°29 | 14°37 | 13°57 | 7°54 | 6°11 | 22°48 | 2°23 | 2°32 | 8°33 | 5°17 | T 3 |
| F 4 | 20 49 46 | 11°44'16 | 5♋20 | 23°41 | 28°58 | 14°10 | 14°31 | 14° 2 | 7°52 | 6°13 | 22°50 | 2°16 | 2°28 | 8°40 | 5°20 | F 4 |
| S 5 | 20 53 42 | 12°41'39 | 19°12 | 25°34 | 0♋ 4 | 14°50 | 14°25 | 14° 7 | 7°50 | 6°15 | 22°51 | 2° 6 | 2°25 | 8°46 | 5°22 | S 5 |
| S 6 | 20 57 39 | 13°39'03 | 2♌52 | 27°25 | 1°11 | 15°30 | 14°19 | 14°11 | 7°48 | 6°17 | 22°53 | 1°54 | 2°22 | 8°53 | 5°24 | S 6 |
| M 7 | 21 1 36 | 14°36'28 | 16°17 | 29°14 | 2°17 | 16°10 | 14°14 | 14°16 | 7°46 | 6°19 | 22°54 | 1°42 | 2°19 | 9° 0 | 5°26 | M 7 |
| T 8 | 21 5 32 | 15°33'53 | 29°26 | 1♍ 2 | 3°24 | 16°50 | 14° 8 | 14°21 | 7°44 | 6°21 | 22°55 | 1°31 | 2°16 | 9° 6 | 5°28 | T 8 |
| W 9 | 21 9 29 | 16°31'19 | 12♍16 | 2°47 | 4°31 | 17°30 | 14° 3 | 14°26 | 7°42 | 6°23 | 22°57 | 1°21 | 2°13 | 9°13 | 5°31 | W 9 |
| T 10 | 21 13 25 | 17°28'46 | 24°48 | 4°32 | 5°38 | 18° 9 | 13°57 | 14°31 | 7°39 | 6°25 | 22°58 | 1°14 | 2° 9 | 9°20 | 5°33 | T 10 |
| F 11 | 21 17 22 | 18°26'14 | 7♎ 3 | 6°14 | 6°46 | 18°49 | 13°52 | 14°36 | 7°37 | 6°27 | 23° 0 | 1° 9 | 2° 6 | 9°26 | 5°35 | F 11 |
| S 12 | 21 21 18 | 19°23'42 | 19° 5 | 7°55 | 7°53 | 19°29 | 13°47 | 14°41 | 7°35 | 6°30 | 23° 1 | 1° 7 | 2° 3 | 9°33 | 5°37 | S 12 |
| S 13 | 21 25 15 | 20°21'11 | 0♏58 | 9°35 | 9° 0 | 20° 9 | 13°42 | 14°47 | 7°33 | 6°32 | 23° 3 | 1°D 6 | 2° 0 | 9°40 | 5°38 | S 13 |
| M14 | 21 29 11 | 21°18'41 | 12°46 | 11°12 | 10° 8 | 20°48 | 13°37 | 14°52 | 7°30 | 6°34 | 23° 4 | 1° 6 | 1°57 | 9°46 | 5°40 | M14 |
| T 15 | 21 33 8 | 22°16'12 | 24°36 | 12°48 | 11°16 | 21°28 | 13°33 | 14°57 | 7°28 | 6°36 | 23° 5 | 1°R 6 | 1°54 | 9°53 | 5°42 | T 15 |
| W16 | 21 37 4 | 23°13'43 | 6♐32 | 14°23 | 12°24 | 22° 7 | 13°28 | 15° 3 | 7°26 | 6°38 | 23° 7 | 1° 5 | 1°50 | 10° 0 | 5°44 | W16 |
| T 17 | 21 41 1 | 24°11'15 | 18°39 | 15°56 | 13°32 | 22°47 | 13°24 | 15° 8 | 7°24 | 6°40 | 23° 8 | 1° 3 | 1°47 | 10° 6 | 5°45 | T 17 |
| F 18 | 21 44 58 | 25° 8'48 | 1♑ 2 | 17°27 | 14°40 | 23°26 | 13°20 | 15°14 | 7°21 | 6°42 | 23° 9 | 0°58 | 1°44 | 10°13 | 5°47 | F 18 |
| S 19 | 21 48 54 | 26° 6'22 | 13°46 | 18°57 | 15°48 | 24° 6 | 13°16 | 15°19 | 7°19 | 6°45 | 23°11 | 0°50 | 1°41 | 10°19 | 5°48 | S 19 |
| S 20 | 21 52 51 | 27° 3'57 | 26°51 | 20°24 | 16°57 | 24°45 | 13°12 | 15°25 | 7°17 | 6°47 | 23°12 | 0°41 | 1°38 | 10°26 | 5°50 | S 20 |
| M21 | 21 56 47 | 28° 1'33 | 10♒19 | 21°51 | 18° 5 | 25°24 | 13° 9 | 15°31 | 7°14 | 6°49 | 23°13 | 0°31 | 1°34 | 10°33 | 5°51 | M21 |
| T 22 | 22 0 44 | 28°59'10 | 24° 7 | 23°15 | 19°14 | 26° 3 | 13° 6 | 15°37 | 7°12 | 6°51 | 23°15 | 0°21 | 1°31 | 10°39 | 5°53 | T 22 |
| W23 | 22 4 40 | 29°56'48 | 8♓12 | 24°38 | 20°23 | 26°43 | 13° 2 | 15°42 | 7°10 | 6°53 | 23°16 | 0°12 | 1°28 | 10°46 | 5°54 | W23 |
| T 24 | 22 8 37 | 0♍54'27 | 22°30 | 26° 0 | 21°32 | 27°22 | 12°59 | 15°48 | 7° 7 | 6°56 | 23°17 | 0° 5 | 1°25 | 10°53 | 5°55 | T 24 |
| F 25 | 22 12 33 | 1°52'08 | 6♈54 | 27°19 | 22°41 | 28° 1 | 12°56 | 15°54 | 7° 5 | 6°58 | 23°19 | 0° 1 | 1°22 | 10°59 | 5°56 | F 25 |
| S 26 | 22 16 30 | 2°49'50 | 21°20 | 28°37 | 23°50 | 28°40 | 12°54 | 16° 0 | 7° 2 | 7° 0 | 23°20 | 29♎59 | 1°19 | 11° 6 | 5°57 | S 26 |
| S 27 | 22 20 27 | 3°47'34 | 5♉42 | 29°53 | 25° 0 | 29°19 | 12°51 | 16° 6 | 7° 0 | 7° 2 | 23°21 | 29°D59 | 1°15 | 11°13 | 5°58 | S 27 |
| M28 | 22 24 23 | 4°45'20 | 19°59 | 1♎ 6 | 26° 9 | 29°58 | 12°49 | 16°12 | 6°58 | 7° 5 | 23°22 | 29°59 | 1°12 | 11°19 | 5°59 | M28 |
| T 29 | 22 28 20 | 5°43'07 | 4♊ 8 | 2°18 | 27°19 | 0♌37 | 12°47 | 16°19 | 6°55 | 7° 7 | 23°23 | 0°R 0 | 1° 9 | 11°26 | 6° 0 | T 29 |
| W30 | 22 32 16 | 6°40'56 | 18° 7 | 3°28 | 28°28 | 1°15 | 12°45 | 16°25 | 6°53 | 7° 9 | 23°25 | 29°59 | 1° 6 | 11°33 | 6° 1 | W30 |
| T 31 | 22 36 13 | 7♍38'46 | 1♋57 | 4♎36 | 29♋38 | 1♌54 | 12♑43 | 16♎31 | 6♓50 | 7♍11 | 23♋26 | 29♎57 | 1♏ 3 | 11♏39 | 6♊ 2 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 18n 0 | 16n47 | 1s47 | 17n 7 | 1n46 | 20n53 | 2s25 | 23n28 | 0n38 | 22s41 | 0s 8 | 3s16 | 2n21 | 9s18 | 0s48 | 9n48 | 0n35 | 20n23 | 1s 6 | 12s18 | 12s21 | 13s46 | 17n35 | 3s35 |
| W 2 | 17 45 | 18 38 | 2 53 | 16 29 | 1 45 | 20 58 | 2 23 | 23 24 | 0 39 | 22 42 | 0 8 | 3 18 | 2 21 | 9 19 | 0 48 | 9 47 | 0 35 | 20 23 | 1 6 | 12 18 | 12 20 | 13 47 | 17 35 | 3 36 |
| T 3 | 17 29 | 19 18 | 3 48 | 15 50 | 1 43 | 21 2 | 2 20 | 23 21 | 0 39 | 22 43 | 0 8 | 3 20 | 2 21 | 9 20 | 0 48 | 9 46 | 0 35 | 20 22 | 1 6 | 12 16 | 12 19 | 13 48 | 17 35 | 3 36 |
| F 4 | 17 14 | 18 48 | 4 29 | 15 10 | 1 40 | 21 6 | 2 17 | 23 18 | 0 40 | 22 43 | 0 8 | 3 21 | 2 21 | 9 21 | 0 48 | 9 46 | 0 35 | 20 22 | 1 6 | 12 14 | 12 18 | 13 50 | 17 35 | 3 36 |
| S 5 | 16 58 | 17 10 | 4 54 | 14 29 | 1 37 | 21 9 | 2 14 | 23 14 | 0 41 | 22 44 | 0 8 | 3 23 | 2 21 | 9 21 | 0 48 | 9 45 | 0 35 | 20 22 | 1 6 | 12 10 | 12 17 | 13 51 | 17 35 | 3 37 |
| S 6 | 16 41 | 14 35 | 5 1 | 13 48 | 1 33 | 21 12 | 2 11 | 23 10 | 0 41 | 22 45 | 0 8 | 3 25 | 2 20 | 9 22 | 0 48 | 9 44 | 0 35 | 20 22 | 1 6 | 12 7 | 12 16 | 13 52 | 17 36 | 3 37 |
| M 7 | 16 25 | 11 16 | 4 52 | 13 6 | 1 29 | 21 14 | 2 8 | 23 6 | 0 42 | 22 46 | 0 8 | 3 27 | 2 20 | 9 23 | 0 48 | 9 43 | 0 35 | 20 22 | 1 6 | 12 2 | 12 15 | 13 54 | 17 36 | 3 37 |
| T 8 | 16 8 | 7 28 | 4 27 | 12 24 | 1 24 | 21 16 | 2 4 | 23 2 | 0 42 | 22 46 | 0 8 | 3 30 | 2 20 | 9 24 | 0 48 | 9 43 | 0 35 | 20 22 | 1 6 | 11 58 | 12 14 | 13 55 | 17 36 | 3 38 |
| W 9 | 15 51 | 3 25 | 3 49 | 11 41 | 1 19 | 21 17 | 2 1 | 22 57 | 0 43 | 22 47 | 0 9 | 3 32 | 2 20 | 9 25 | 0 48 | 9 42 | 0 35 | 20 21 | 1 6 | 11 55 | 12 13 | 13 56 | 17 36 | 3 38 |
| T 10 | 15 33 | 0s42 | 3 0 | 10 58 | 1 13 | 21 18 | 1 58 | 22 52 | 0 44 | 22 48 | 0 9 | 3 34 | 2 20 | 9 25 | 0 48 | 9 41 | 0 35 | 20 21 | 1 6 | 11 52 | 12 12 | 13 57 | 17 36 | 3 38 |
| F 11 | 15 16 | 4 42 | 2 4 | 10 15 | 1 7 | 21 18 | 1 55 | 22 48 | 0 44 | 22 48 | 0 9 | 3 36 | 2 19 | 9 26 | 0 48 | 9 40 | 0 35 | 20 21 | 1 6 | 11 51 | 12 11 | 13 59 | 17 36 | 3 38 |
| S 12 | 14 58 | 8 26 | 1 4 | 9 31 | 1 1 | 21 18 | 1 51 | 22 43 | 0 45 | 22 49 | 0 9 | 3 38 | 2 19 | 9 27 | 0 48 | 9 39 | 0 35 | 20 21 | 1 6 | 11 50 | 12 9 | 14 0 | 17 36 | 3 39 |
| S 13 | 14 40 | 11 48 | 0 1 | 8 48 | 0 54 | 21 17 | 1 48 | 22 37 | 0 45 | 22 50 | 0 9 | 3 40 | 2 19 | 9 28 | 0 48 | 9 39 | 0 35 | 20 21 | 1 6 | 11 50 | 12 8 | 14 1 | 17 36 | 3 39 |
| M14 | 14 22 | 14 39 | 1n 2 | 8 5 | 0 47 | 21 15 | 1 45 | 22 32 | 0 46 | 22 50 | 0 9 | 3 42 | 2 19 | 9 29 | 0 48 | 9 38 | 0 35 | 20 20 | 1 5 | 11 50 | 12 7 | 14 2 | 17 36 | 3 39 |
| T 15 | 14 3 | 16 54 | 2 2 | 7 21 | 0 40 | 21 13 | 1 41 | 22 26 | 0 47 | 22 51 | 0 9 | 3 45 | 2 19 | 9 30 | 0 48 | 9 37 | 0 35 | 20 20 | 1 5 | 11 50 | 12 6 | 14 4 | 17 36 | 3 40 |
| W16 | 13 45 | 18 26 | 2 57 | 6 38 | 0 33 | 21 11 | 1 38 | 22 21 | 0 47 | 22 51 | 0 9 | 3 47 | 2 19 | 9 31 | 0 48 | 9 36 | 0 35 | 20 20 | 1 5 | 11 50 | 12 5 | 14 5 | 17 36 | 3 40 |
| T 17 | 13 26 | 19 9 | 3 45 | 5 55 | 0 25 | 21 8 | 1 34 | 22 15 | 0 48 | 22 52 | 0 9 | 3 49 | 2 18 | 9 31 | 0 48 | 9 35 | 0 35 | 20 20 | 1 5 | 11 49 | 12 4 | 14 6 | 17 36 | 3 40 |
| F 18 | 13 7 | 18 59 | 4 24 | 5 12 | 0 17 | 21 4 | 1 31 | 22 9 | 0 48 | 22 52 | 0 10 | 3 51 | 2 18 | 9 32 | 0 48 | 9 35 | 0 35 | 20 20 | 1 5 | 11 47 | 12 3 | 14 7 | 17 36 | 3 41 |
| S 19 | 12 47 | 17 51 | 4 51 | 4 30 | 0 8 | 21 0 | 1 27 | 22 3 | 0 49 | 22 53 | 0 10 | 3 54 | 2 18 | 9 33 | 0 48 | 9 34 | 0 35 | 20 19 | 1 5 | 11 44 | 12 2 | 14 9 | 17 36 | 3 41 |
| S 20 | 12 28 | 15 46 | 5 3 | 3 47 | 0s 0 | 20 55 | 1 24 | 21 56 | 0 50 | 22 53 | 0 10 | 3 56 | 2 18 | 9 34 | 0 48 | 9 33 | 0 35 | 20 19 | 1 5 | 11 41 | 12 1 | 14 10 | 17 36 | 3 41 |
| M21 | 12 8 | 12 48 | 5 0 | 3 5 | 0 9 | 20 50 | 1 20 | 21 50 | 0 50 | 22 54 | 0 10 | 3 58 | 2 18 | 9 35 | 0 48 | 9 32 | 0 35 | 20 19 | 1 5 | 11 38 | 12 0 | 14 11 | 17 36 | 3 42 |
| T 22 | 11 48 | 9 4 | 4 39 | 2 24 | 0 18 | 20 44 | 1 17 | 21 43 | 0 51 | 22 54 | 0 10 | 4 1 | 2 18 | 9 36 | 0 48 | 9 31 | 0 35 | 20 19 | 1 5 | 11 34 | 11 59 | 14 12 | 17 35 | 3 42 |
| W23 | 11 28 | 4 45 | 4 0 | 1 43 | 0 27 | 20 38 | 1 13 | 21 36 | 0 51 | 22 55 | 0 10 | 4 3 | 2 18 | 9 37 | 0 48 | 9 31 | 0 35 | 20 19 | 1 5 | 11 31 | 11 57 | 14 14 | 17 35 | 3 42 |
| T 24 | 11 8 | 0 7 | 3 7 | 1 2 | 0 36 | 20 31 | 1 10 | 21 29 | 0 52 | 22 55 | 0 10 | 4 5 | 2 17 | 9 38 | 0 48 | 9 30 | 0 35 | 20 19 | 1 5 | 11 29 | 11 56 | 14 15 | 17 35 | 3 43 |
| F 25 | 10 47 | 4n35 | 2 0 | 0 22 | 0 45 | 20 24 | 1 6 | 21 22 | 0 53 | 22 55 | 0 10 | 4 8 | 2 17 | 9 38 | 0 48 | 9 29 | 0 35 | 20 18 | 1 5 | 11 27 | 11 55 | 14 16 | 17 35 | 3 43 |
| S 26 | 10 26 | 9 1 | 0 46 | 0s17 | 0 55 | 20 16 | 1 2 | 21 15 | 0 53 | 22 56 | 0 10 | 4 10 | 2 17 | 9 39 | 0 48 | 9 28 | 0 35 | 20 18 | 1 5 | 11 26 | 11 54 | 14 17 | 17 35 | 3 43 |
| S 27 | 10 6 | 12 55 | 0s31 | 0 56 | 1 4 | 20 7 | 0 59 | 21 7 | 0 54 | 22 56 | 0 10 | 4 13 | 2 17 | 9 40 | 0 48 | 9 27 | 0 35 | 20 18 | 1 5 | 11 26 | 11 53 | 14 19 | 17 35 | 3 44 |
| M28 | 9 45 | 16 0 | 1 45 | 1 34 | 1 14 | 19 58 | 0 55 | 21 0 | 0 54 | 22 57 | 0 11 | 4 15 | 2 17 | 9 41 | 0 48 | 9 27 | 0 36 | 20 18 | 1 5 | 11 27 | 11 52 | 14 20 | 17 35 | 3 44 |
| T 29 | 9 24 | 18 5 | 2 53 | 2 11 | 1 23 | 19 48 | 0 51 | 20 52 | 0 55 | 22 57 | 0 11 | 4 18 | 2 17 | 9 42 | 0 48 | 9 26 | 0 36 | 20 18 | 1 5 | 11 27 | 11 51 | 14 21 | 17 34 | 3 44 |
| W30 | 9 2 | 19 3 | 3 49 | 2 48 | 1 33 | 19 38 | 0 48 | 20 44 | 0 55 | 22 57 | 0 11 | 4 20 | 2 17 | 9 43 | 0 48 | 9 25 | 0 36 | 20 18 | 1 5 | 11 27 | 11 50 | 14 22 | 17 34 | 3 45 |
| T 31 | 8n41 | 18n50 | 4s32 | 3s24 | 1s43 | 19n27 | 0s44 | 20n36 | 0n56 | 22s57 | 0s11 | 4s23 | 2n16 | 9s44 | 0s48 | 9n24 | 0n36 | 20n17 | 1s 5 | 11s26 | 11s49 | 14s23 | 17n34 | 3s45 |

Julian Day Number = 2606254.5, Delta T = 09m47s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'44, Lahiri = 29°46'46


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## SEPTEMBER 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 40 9 | 8♍36'39 | 15♋36 | 5♎41 | 0♌48 | 2♌33 | 12°R41 | 16♎37 | 6°R48 | 7♍13 | 23♋27 | 29°R53 | 1♏ 0 | 11♏46 | 6♊ 2 | F 1 |
| S 2 | 22 44 6 | 9°34'33 | 29° 4 | 6°44 | 1°58 | 3°11 | 12♑40 | 16°44 | 6♓46 | 7°16 | 23°28 | 29♎46 | 0°56 | 11°53 | 6° 3 | S 2 |
| S 3 | 22 48 2 | 10°32'28 | 12♌20 | 7°45 | 3° 8 | 3°50 | 12°39 | 16°50 | 6°43 | 7°18 | 23°29 | 29°38 | 0°53 | 11°59 | 6° 4 | S 3 |
| M 4 | 22 51 59 | 11°30'25 | 25°22 | 8°43 | 4°18 | 4°29 | 12°38 | 16°56 | 6°41 | 7°20 | 23°30 | 29°29 | 0°50 | 12° 6 | 6° 4 | M 4 |
| T 5 | 22 55 56 | 12°28'24 | 8♍10 | 9°39 | 5°29 | 5° 7 | 12°37 | 17° 3 | 6°39 | 7°22 | 23°32 | 29°21 | 0°47 | 12°12 | 6° 5 | T 5 |
| W 6 | 22 59 52 | 13°26'24 | 20°44 | 10°31 | 6°39 | 5°46 | 12°36 | 17°10 | 6°36 | 7°25 | 23°33 | 29°14 | 0°44 | 12°19 | 6° 5 | W 6 |
| T 7 | 23 3 49 | 14°24'26 | 3♎ 5 | 11°20 | 7°50 | 6°24 | 12°36 | 17°16 | 6°34 | 7°27 | 23°34 | 29° 9 | 0°40 | 12°26 | 6° 5 | T 7 |
| F 8 | 23 7 45 | 15°22'30 | 15°13 | 12° 6 | 9° 0 | 7° 2 | 12°36 | 17°23 | 6°31 | 7°29 | 23°35 | 29° 6 | 0°37 | 12°32 | 6° 6 | F 8 |
| S 9 | 23 11 42 | 16°20'35 | 27°10 | 12°49 | 10°11 | 7°41 | 12°D36 | 17°29 | 6°29 | 7°31 | 23°36 | 29°D 5 | 0°34 | 12°39 | 6° 6 | S 9 |
| S 10 | 23 15 38 | 17°18'41 | 9♏ 0 | 13°27 | 11°22 | 8°19 | 12°36 | 17°36 | 6°27 | 7°33 | 23°37 | 29° 6 | 0°31 | 12°46 | 6° 6 | S 10 |
| M11 | 23 19 35 | 18°16'49 | 20°48 | 14° 2 | 12°33 | 8°57 | 12°36 | 17°43 | 6°24 | 7°36 | 23°38 | 29° 7 | 0°28 | 12°52 | 6°R 6 | M11 |
| T 12 | 23 23 31 | 19°14'58 | 2♐36 | 14°33 | 13°44 | 9°35 | 12°37 | 17°50 | 6°22 | 7°38 | 23°39 | 29° 9 | 0°25 | 12°59 | 6° 6 | T 12 |
| W13 | 23 27 28 | 20°13'09 | 14°31 | 14°59 | 14°55 | 10°13 | 12°37 | 17°56 | 6°20 | 7°40 | 23°40 | 29°R10 | 0°21 | 13° 6 | 6° 6 | W13 |
| T 14 | 23 31 25 | 21°11'21 | 26°38 | 15°20 | 16° 6 | 10°51 | 12°38 | 18° 3 | 6°18 | 7°42 | 23°41 | 29°10 | 0°18 | 13°12 | 6° 6 | T 14 |
| F 15 | 23 35 21 | 22° 9'35 | 9♑ 0 | 15°36 | 17°17 | 11°29 | 12°39 | 18°10 | 6°15 | 7°44 | 23°42 | 29° 8 | 0°15 | 13°19 | 6° 6 | F 15 |
| S 16 | 23 39 18 | 23° 7'50 | 21°44 | 15°46 | 18°29 | 12° 7 | 12°41 | 18°17 | 6°13 | 7°46 | 23°42 | 29° 5 | 0°12 | 13°26 | 6° 5 | S 16 |
| S 17 | 23 43 14 | 24° 6'06 | 4♒51 | 15°R51 | 19°40 | 12°45 | 12°42 | 18°24 | 6°11 | 7°49 | 23°43 | 29° 1 | 0° 9 | 13°32 | 6° 5 | S 17 |
| M18 | 23 47 11 | 25° 4'24 | 18°25 | 15°50 | 20°51 | 13°23 | 12°44 | 18°31 | 6° 9 | 7°51 | 23°44 | 28°56 | 0° 5 | 13°39 | 6° 5 | M18 |
| T 19 | 23 51 7 | 26° 2'44 | 2♓23 | 15°42 | 22° 3 | 14° 0 | 12°46 | 18°38 | 6° 6 | 7°53 | 23°45 | 28°51 | 0° 2 | 13°46 | 6° 4 | T 19 |
| W20 | 23 55 4 | 27° 1'05 | 16°44 | 15°28 | 23°15 | 14°38 | 12°48 | 18°45 | 6° 4 | 7°55 | 23°46 | 28°46 | 29♎59 | 13°52 | 6° 3 | W20 |
| T 21 | 23 59 0 | 27°59'28 | 1♈21 | 15° 7 | 24°27 | 15°16 | 12°50 | 18°52 | 6° 2 | 7°57 | 23°47 | 28°43 | 29°56 | 13°59 | 6° 3 | T 21 |
| F 22 | 0 2 57 | 28°57'53 | 16° 9 | 14°39 | 25°38 | 15°53 | 12°52 | 18°59 | 6° 0 | 7°59 | 23°47 | 28°41 | 29°53 | 14° 5 | 6° 2 | F 22 |
| S 23 | 0 6 53 | 29°56'20 | 1♉ 0 | 14° 4 | 26°50 | 16°31 | 12°55 | 19° 6 | 5°58 | 8° 1 | 23°48 | 28°D40 | 29°50 | 14°12 | 6° 1 | S 23 |
| S 24 | 0 10 50 | 0♎54'49 | 15°46 | 13°23 | 28° 2 | 17° 8 | 12°57 | 19°13 | 5°56 | 8° 3 | 23°49 | 28°41 | 29°46 | 14°19 | 6° 1 | S 24 |
| M25 | 0 14 47 | 1°53'20 | 0♊22 | 12°36 | 29°15 | 17°46 | 13° 0 | 19°20 | 5°54 | 8° 5 | 23°50 | 28°42 | 29°43 | 14°25 | 6° 0 | M25 |
| T 26 | 0 18 43 | 2°51'54 | 14°43 | 11°43 | 0♍27 | 18°23 | 13° 4 | 19°27 | 5°51 | 8° 8 | 23°50 | 28°44 | 29°40 | 14°32 | 5°59 | T 26 |
| W27 | 0 22 40 | 3°50'29 | 28°47 | 10°45 | 1°39 | 19° 0 | 13° 7 | 19°35 | 5°49 | 8°10 | 23°51 | 28°R45 | 29°37 | 14°39 | 5°58 | W27 |
| T 28 | 0 26 36 | 4°49'07 | 12♋33 | 9°44 | 2°51 | 19°38 | 13°10 | 19°42 | 5°47 | 8°12 | 23°52 | 28°44 | 29°34 | 14°45 | 5°57 | T 28 |
| F 29 | 0 30 33 | 5°47'47 | 26° 1 | 8°40 | 4° 4 | 20°15 | 13°14 | 19°49 | 5°45 | 8°14 | 23°52 | 28°43 | 29°31 | 14°52 | 5°56 | F 29 |
| S 30 | 0 34 29 | 6♎46'29 | 9♌13 | 7♎35 | 5♍16 | 20♌52 | 13♑18 | 19♎56 | 5♓44 | 8♍16 | 23♋53 | 28♎41 | 29♎27 | 14♏59 | 5♊55 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 8n19 | 17n32 | 4s58 | 3s58 | 1s52 | 19n16 | 0s41 | 20n28 | 0n57 | 22s58 | 0s11 | 4s25 | 2n16 | 9s45 | 0s48 | 9n23 | 0n36 | 20n17 | 1s 5 | 11s24 | 11s47 | 14s25 | 17n34 | 3s45 |
| S 2 | 7 58 | 15 17 | 5 7 | 4 32 | 2 2 | 19 4 | 0 37 | 20 19 | 0 57 | 22 58 | 0 11 | 4 28 | 2 16 | 9 46 | 0 48 | 9 22 | 0 36 | 20 17 | 1 5 | 11 22 | 11 46 | 14 26 | 17 34 | 3 46 |
| S 3 | 7 36 | 12 16 | 5 0 | 5 5 | 2 12 | 18 52 | 0 34 | 20 11 | 0 58 | 22 58 | 0 11 | 4 30 | 2 16 | 9 46 | 0 48 | 9 22 | 0 36 | 20 17 | 1 5 | 11 19 | 11 45 | 14 27 | 17 33 | 3 46 |
| M 4 | 7 14 | 8 41 | 4 37 | 5 37 | 2 21 | 18 39 | 0 30 | 20 2 | 0 58 | 22 58 | 0 11 | 4 33 | 2 16 | 9 47 | 0 48 | 9 21 | 0 36 | 20 17 | 1 5 | 11 16 | 11 44 | 14 28 | 17 33 | 3 46 |
| T 5 | 6 52 | 4 46 | 4 0 | 6 7 | 2 31 | 18 26 | 0 26 | 19 54 | 0 59 | 22 58 | 0 11 | 4 35 | 2 16 | 9 48 | 0 48 | 9 20 | 0 36 | 20 17 | 1 5 | 11 13 | 11 43 | 14 29 | 17 33 | 3 47 |
| W 6 | 6 30 | 0 43 | 3 12 | 6 36 | 2 40 | 18 12 | 0 23 | 19 45 | 1 0 | 22 59 | 0 11 | 4 38 | 2 16 | 9 49 | 0 48 | 9 19 | 0 36 | 20 17 | 1 4 | 11 11 | 11 42 | 14 31 | 17 32 | 3 47 |
| T 7 | 6 7 | 3s18 | 2 16 | 7 4 | 2 49 | 17 57 | 0 19 | 19 36 | 1 0 | 22 59 | 0 12 | 4 40 | 2 16 | 9 50 | 0 48 | 9 18 | 0 36 | 20 16 | 1 4 | 11 9 | 11 41 | 14 32 | 17 32 | 3 47 |
| F 8 | 5 45 | 7 7 | 1 15 | 7 30 | 2 58 | 17 42 | 0 16 | 19 27 | 1 1 | 22 59 | 0 12 | 4 43 | 2 16 | 9 51 | 0 48 | 9 18 | 0 36 | 20 16 | 1 4 | 11 8 | 11 40 | 14 33 | 17 32 | 3 48 |
| S 9 | 5 23 | 10 36 | 0 10 | 7 55 | 3 7 | 17 27 | 0 13 | 19 18 | 1 1 | 22 59 | 0 12 | 4 46 | 2 15 | 9 52 | 0 48 | 9 17 | 0 36 | 20 16 | 1 4 | 11 7 | 11 39 | 14 34 | 17 32 | 3 48 |
| S 10 | 5 0 | 13 37 | 0n54 | 8 18 | 3 15 | 17 11 | 0 9 | 19 8 | 1 2 | 22 59 | 0 12 | 4 48 | 2 15 | 9 53 | 0 48 | 9 16 | 0 36 | 20 16 | 1 4 | 11 8 | 11 38 | 14 35 | 17 31 | 3 49 |
| M11 | 4 37 | 16 3 | 1 55 | 8 39 | 3 23 | 16 55 | 0 6 | 18 59 | 1 2 | 22 59 | 0 12 | 4 51 | 2 15 | 9 53 | 0 48 | 9 15 | 0 36 | 20 16 | 1 4 | 11 8 | 11 36 | 14 36 | 17 31 | 3 49 |
| T 12 | 4 15 | 17 49 | 2 52 | 8 58 | 3 31 | 16 38 | 0 2 | 18 49 | 1 3 | 22 59 | 0 12 | 4 54 | 2 15 | 9 54 | 0 48 | 9 14 | 0 36 | 20 16 | 1 4 | 11 9 | 11 35 | 14 38 | 17 31 | 3 49 |
| W13 | 3 52 | 18 48 | 3 43 | 9 14 | 3 38 | 16 20 | 0n 1 | 18 40 | 1 4 | 22 59 | 0 12 | 4 56 | 2 15 | 9 55 | 0 48 | 9 14 | 0 36 | 20 16 | 1 4 | 11 9 | 11 34 | 14 39 | 17 30 | 3 50 |
| T 14 | 3 29 | 18 57 | 4 23 | 9 29 | 3 45 | 16 2 | 0 4 | 18 30 | 1 4 | 22 59 | 0 12 | 4 59 | 2 15 | 9 56 | 0 48 | 9 13 | 0 36 | 20 16 | 1 4 | 11 9 | 11 33 | 14 40 | 17 30 | 3 50 |
| F 15 | 3 6 | 18 12 | 4 53 | 9 40 | 3 51 | 15 44 | 0 8 | 18 20 | 1 5 | 22 59 | 0 12 | 5 2 | 2 15 | 9 57 | 0 48 | 9 12 | 0 36 | 20 15 | 1 4 | 11 8 | 11 32 | 14 41 | 17 30 | 3 50 |
| S 16 | 2 43 | 16 32 | 5 10 | 9 49 | 3 56 | 15 25 | 0 11 | 18 10 | 1 5 | 22 59 | 0 12 | 5 4 | 2 15 | 9 58 | 0 48 | 9 11 | 0 36 | 20 15 | 1 4 | 11 7 | 11 31 | 14 42 | 17 29 | 3 51 |
| S 17 | 2 20 | 13 59 | 5 11 | 9 55 | 4 1 | 15 6 | 0 14 | 18 0 | 1 6 | 22 59 | 0 12 | 5 7 | 2 15 | 9 58 | 0 48 | 9 10 | 0 36 | 20 15 | 1 4 | 11 6 | 11 30 | 14 43 | 17 29 | 3 51 |
| M18 | 1 57 | 10 36 | 4 54 | 9 58 | 4 4 | 14 47 | 0 17 | 17 50 | 1 6 | 22 59 | 0 12 | 5 10 | 2 15 | 9 59 | 0 48 | 9 10 | 0 36 | 20 15 | 1 4 | 11 4 | 11 29 | 14 45 | 17 28 | 3 51 |
| T 19 | 1 34 | 6 32 | 4 21 | 9 57 | 4 7 | 14 27 | 0 20 | 17 39 | 1 7 | 22 59 | 0 13 | 5 12 | 2 15 | 10 0 | 0 48 | 9 9 | 0 36 | 20 15 | 1 4 | 11 2 | 11 28 | 14 46 | 17 28 | 3 52 |
| W20 | 1 11 | 2 0 | 3 30 | 9 53 | 4 8 | 14 6 | 0 23 | 17 29 | 1 8 | 22 59 | 0 13 | 5 15 | 2 15 | 10 1 | 0 48 | 9 8 | 0 36 | 20 15 | 1 4 | 11 1 | 11 26 | 14 47 | 17 27 | 3 52 |
| T 21 | 0 48 | 2n45 | 2 24 | 9 45 | 4 8 | 13 45 | 0 26 | 17 18 | 1 8 | 22 59 | 0 13 | 5 18 | 2 15 | 10 2 | 0 48 | 9 7 | 0 36 | 20 15 | 1 4 | 10 59 | 11 25 | 14 48 | 17 27 | 3 52 |
| F 22 | 0 25 | 7 23 | 1 8 | 9 33 | 4 7 | 13 24 | 0 29 | 17 8 | 1 9 | 22 58 | 0 13 | 5 21 | 2 14 | 10 2 | 0 48 | 9 7 | 0 36 | 20 15 | 1 4 | 10 59 | 11 24 | 14 49 | 17 27 | 3 53 |
| S 23 | 0 1 | 11 36 | 0s13 | 9 17 | 4 4 | 13 2 | 0 32 | 16 57 | 1 9 | 22 58 | 0 13 | 5 23 | 2 14 | 10 3 | 0 48 | 9 6 | 0 36 | 20 15 | 1 4 | 10 59 | 11 23 | 14 50 | 17 26 | 3 53 |
| S 24 | 0s22 | 15 2 | 1 33 | 8 57 | 3 59 | 12 40 | 0 35 | 16 46 | 1 10 | 22 58 | 0 13 | 5 26 | 2 14 | 10 4 | 0 48 | 9 5 | 0 36 | 20 14 | 1 4 | 10 59 | 11 22 | 14 51 | 17 26 | 3 53 |
| M25 | 0 45 | 17 29 | 2 46 | 8 32 | 3 53 | 12 18 | 0 38 | 16 35 | 1 10 | 22 58 | 0 13 | 5 29 | 2 14 | 10 5 | 0 48 | 9 4 | 0 36 | 20 14 | 1 4 | 10 59 | 11 21 | 14 53 | 17 25 | 3 54 |
| T 26 | 1 8 | 18 45 | 3 47 | 8 4 | 3 44 | 11 55 | 0 41 | 16 24 | 1 11 | 22 58 | 0 13 | 5 31 | 2 14 | 10 5 | 0 48 | 9 3 | 0 36 | 20 14 | 1 4 | 11 0 | 11 20 | 14 54 | 17 25 | 3 54 |
| W27 | 1 31 | 18 49 | 4 33 | 7 32 | 3 34 | 11 32 | 0 43 | 16 13 | 1 12 | 22 57 | 0 13 | 5 34 | 2 14 | 10 6 | 0 48 | 9 3 | 0 36 | 20 14 | 1 4 | 11 0 | 11 19 | 14 55 | 17 24 | 3 54 |
| T 28 | 1 55 | 17 46 | 5 3 | 6 56 | 3 22 | 11 9 | 0 46 | 16 2 | 1 12 | 22 57 | 0 13 | 5 37 | 2 14 | 10 7 | 0 48 | 9 2 | 0 36 | 20 14 | 1 4 | 11 0 | 11 17 | 14 56 | 17 24 | 3 55 |
| F 29 | 2 18 | 15 44 | 5 15 | 6 18 | 3 8 | 10 45 | 0 48 | 15 51 | 1 13 | 22 57 | 0 13 | 5 40 | 2 14 | 10 7 | 0 48 | 9 1 | 0 36 | 20 14 | 1 4 | 11 0 | 11 16 | 14 57 | 17 23 | 3 55 |
| S 30 | 2s41 | 12n55 | 5s10 | 5s38 | 2s52 | 10n21 | 0n51 | 15n40 | 1n13 | 22s56 | 0s13 | 5s42 | 2n14 | 10s 8 | 0s48 | 9n 1 | 0n36 | 20n14 | 1s 4 | 10s59 | 11s15 | 14s58 | 17n23 | 3s55 |

Julian Day Number = 2606285.5, Delta T = 09m47s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'49, Lahiri = 29°46'50


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## OCTOBER 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 38 26 | 7♎45'13 | 22♌ 9 | 6°R30 | 6♍29 | 21♌29 | 13♑22 | 20♎ 4 | 5°R42 | 8♍18 | 23♋53 | 28°R38 | 29♎24 | 15♏ 5 | 5°R53 | S 1 |
| M 2 | 0 42 22 | 8°43'59 | 4♍50 | 5♎27 | 7°42 | 22° 6 | 13°26 | 20°11 | 5♓40 | 8°20 | 23°54 | 28♎35 | 29°21 | 15°12 | 5♊52 | M 2 |
| T 3 | 0 46 19 | 9°42'48 | 17°19 | 4°28 | 8°54 | 22°43 | 13°30 | 20°18 | 5°38 | 8°22 | 23°54 | 28°32 | 29°18 | 15°19 | 5°51 | T 3 |
| W 4 | 0 50 16 | 10°41'38 | 29°37 | 3°34 | 10° 7 | 23°20 | 13°35 | 20°25 | 5°36 | 8°24 | 23°55 | 28°30 | 29°15 | 15°25 | 5°49 | W 4 |
| T 5 | 0 54 12 | 11°40'31 | 11♎44 | 2°47 | 11°20 | 23°57 | 13°40 | 20°33 | 5°34 | 8°26 | 23°55 | 28°28 | 29°11 | 15°32 | 5°48 | T 5 |
| F 6 | 0 58 9 | 12°39'25 | 23°43 | 2° 8 | 12°33 | 24°33 | 13°45 | 20°40 | 5°32 | 8°27 | 23°56 | 28°D27 | 29° 8 | 15°39 | 5°46 | F 6 |
| S 7 | 1 2 5 | 13°38'22 | 5♏35 | 1°38 | 13°46 | 25°10 | 13°50 | 20°47 | 5°31 | 8°29 | 23°56 | 28°27 | 29° 5 | 15°45 | 5°45 | S 7 |
| S 8 | 1 6 2 | 14°37'20 | 17°23 | 1°18 | 14°59 | 25°47 | 13°55 | 20°55 | 5°29 | 8°31 | 23°57 | 28°28 | 29° 2 | 15°52 | 5°43 | S 8 |
| M 9 | 1 9 58 | 15°36'21 | 29° 9 | 1°D 7 | 16°12 | 26°23 | 14° 0 | 21° 2 | 5°27 | 8°33 | 23°57 | 28°29 | 28°59 | 15°59 | 5°41 | M 9 |
| T 10 | 1 13 55 | 16°35'23 | 10♐58 | 1° 8 | 17°25 | 27° 0 | 14° 6 | 21° 9 | 5°26 | 8°35 | 23°58 | 28°30 | 28°56 | 16° 5 | 5°39 | T 10 |
| W11 | 1 17 51 | 17°34'27 | 22°53 | 1°18 | 18°39 | 27°36 | 14°12 | 21°17 | 5°24 | 8°37 | 23°58 | 28°31 | 28°52 | 16°12 | 5°38 | W11 |
| T 12 | 1 21 48 | 18°33'33 | 4♑58 | 1°39 | 19°52 | 28°13 | 14°17 | 21°24 | 5°23 | 8°39 | 23°58 | 28°32 | 28°49 | 16°18 | 5°36 | T 12 |
| F 13 | 1 25 45 | 19°32'40 | 17°18 | 2°10 | 21° 5 | 28°49 | 14°23 | 21°32 | 5°21 | 8°40 | 23°59 | 28°R33 | 28°46 | 16°25 | 5°34 | F 13 |
| S 14 | 1 29 41 | 20°31'49 | 29°58 | 2°50 | 22°19 | 29°25 | 14°30 | 21°39 | 5°20 | 8°42 | 23°59 | 28°32 | 28°43 | 16°32 | 5°32 | S 14 |
| S 15 | 1 33 38 | 21°31'00 | 13♒ 0 | 3°38 | 23°32 | 0♍ 1 | 14°36 | 21°46 | 5°18 | 8°44 | 23°59 | 28°32 | 28°40 | 16°38 | 5°30 | S 15 |
| M16 | 1 37 34 | 22°30'13 | 26°28 | 4°35 | 24°46 | 0°38 | 14°43 | 21°54 | 5°17 | 8°46 | 23°59 | 28°31 | 28°37 | 16°45 | 5°28 | M16 |
| T 17 | 1 41 31 | 23°29'27 | 10♓24 | 5°38 | 25°59 | 1°14 | 14°49 | 22° 1 | 5°15 | 8°47 | 24° 0 | 28°31 | 28°33 | 16°52 | 5°25 | T 17 |
| W18 | 1 45 27 | 24°28'43 | 24°46 | 6°48 | 27°13 | 1°50 | 14°56 | 22° 8 | 5°14 | 8°49 | 24° 0 | 28°30 | 28°30 | 16°58 | 5°23 | W18 |
| T 19 | 1 49 24 | 25°28'01 | 9♈30 | 8° 4 | 28°27 | 2°25 | 15° 3 | 22°16 | 5°13 | 8°51 | 24° 0 | 28°30 | 28°27 | 17° 5 | 5°21 | T 19 |
| F 20 | 1 53 20 | 26°27'21 | 24°31 | 9°24 | 29°41 | 3° 1 | 15°10 | 22°23 | 5°12 | 8°52 | 24° 0 | 28°D30 | 28°24 | 17°12 | 5°19 | F 20 |
| S 21 | 1 57 17 | 27°26'43 | 9♉40 | 10°49 | 0♎54 | 3°37 | 15°17 | 22°31 | 5°10 | 8°54 | 24° 0 | 28°30 | 28°21 | 17°18 | 5°16 | S 21 |
| S 22 | 2 1 13 | 28°26'07 | 24°47 | 12°17 | 2° 8 | 4°13 | 15°25 | 22°38 | 5° 9 | 8°55 | 24° 0 | 28°R30 | 28°17 | 17°25 | 5°14 | S 22 |
| M23 | 2 5 10 | 29°25'34 | 9♊45 | 13°48 | 3°22 | 4°48 | 15°32 | 22°45 | 5° 8 | 8°57 | 24° 0 | 28°30 | 28°14 | 17°32 | 5°12 | M23 |
| T 24 | 2 9 7 | 0♏25'02 | 24°25 | 15°22 | 4°36 | 5°24 | 15°40 | 22°53 | 5° 7 | 8°59 | 24° 0 | 28°30 | 28°11 | 17°38 | 5° 9 | T 24 |
| W25 | 2 13 3 | 1°24'33 | 8♋42 | 16°58 | 5°50 | 6° 0 | 15°48 | 23° 0 | 5° 6 | 9° 0 | 24°R 0 | 28°29 | 28° 8 | 17°45 | 5° 6 | W25 |
| T 26 | 2 17 0 | 2°24'06 | 22°35 | 18°35 | 7° 4 | 6°35 | 15°56 | 23° 7 | 5° 5 | 9° 2 | 24° 0 | 28°29 | 28° 5 | 17°52 | 5° 4 | T 26 |
| F 27 | 2 20 56 | 3°23'42 | 6♌ 4 | 20°14 | 8°18 | 7°10 | 16° 4 | 23°15 | 5° 4 | 9° 3 | 24° 0 | 28°D29 | 28° 2 | 17°58 | 5° 1 | F 27 |
| S 28 | 2 24 53 | 4°23'20 | 19° 9 | 21°53 | 9°33 | 7°46 | 16°12 | 23°22 | 5° 3 | 9° 5 | 24° 0 | 28°29 | 27°58 | 18° 5 | 4°59 | S 28 |
| S 29 | 2 28 49 | 5°22'59 | 1♍55 | 23°34 | 10°47 | 8°21 | 16°21 | 23°29 | 5° 3 | 9° 6 | 24° 0 | 28°30 | 27°55 | 18°12 | 4°56 | S 29 |
| M30 | 2 32 46 | 6°22'41 | 14°23 | 25°14 | 12° 1 | 8°56 | 16°29 | 23°36 | 5° 2 | 9° 7 | 24° 0 | 28°31 | 27°52 | 18°18 | 4°53 | M30 |
| T 31 | 2 36 42 | 7♏22'26 | 26♍37 | 26♎55 | 13♎15 | 9♍31 | 16♑38 | 23♎44 | 5♓ 1 | 9♍ 9 | 24♋ 0 | 28♎31 | 27♎49 | 18♏25 | 4♊50 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3 s 4 | 9n32 | 4 s49 | 4 s57 | 2 s35 | 9n56 | 0n53 | 15n28 | 1n14 | 22 s56 | 0 s13 | 5 s45 | 2n14 | 10 s 9 | 0 s48 | 9n 0 | 0n36 | 20n14 | 1 s 4 | 10 s58 | 11 s14 | 14 s59 | 17n22 | 3 s56 |
| M 2 | 3 27 | 5 46 | 4 15 | 4 15 | 2 16 | 9 32 | 0 56 | 15 17 | 1 14 | 22 56 | 0 14 | 5 48 | 2 14 | 10 10 | 0 48 | 8 59 | 0 36 | 20 14 | 1 4 | 10 57 | 11 13 | 15 0 | 17 22 | 3 56 |
| T 3 | 3 50 | 1 48 | 3 28 | 3 34 | 1 57 | 9 7 | 0 58 | 15 6 | 1 15 | 22 55 | 0 14 | 5 51 | 2 14 | 10 10 | 0 48 | 8 58 | 0 36 | 20 14 | 1 3 | 10 56 | 11 12 | 15 2 | 17 21 | 3 56 |
| W 4 | 4 13 | 2 s11 | 2 33 | 2 54 | 1 37 | 8 41 | 1 1 | 14 54 | 1 16 | 22 55 | 0 14 | 5 53 | 2 14 | 10 11 | 0 48 | 8 58 | 0 36 | 20 14 | 1 3 | 10 55 | 11 11 | 15 3 | 17 20 | 3 57 |
| T 5 | 4 36 | 6 2 | 1 31 | 2 17 | 1 17 | 8 16 | 1 3 | 14 42 | 1 16 | 22 55 | 0 14 | 5 56 | 2 14 | 10 12 | 0 48 | 8 57 | 0 36 | 20 14 | 1 3 | 10 54 | 11 10 | 15 4 | 17 20 | 3 57 |
| F 6 | 4 59 | 9 35 | 0 26 | 1 42 | 0 56 | 7 50 | 1 5 | 14 31 | 1 17 | 22 54 | 0 14 | 5 59 | 2 14 | 10 12 | 0 48 | 8 56 | 0 36 | 20 14 | 1 3 | 10 54 | 11 9 | 15 5 | 17 19 | 3 57 |
| S 7 | 5 22 | 12 44 | 0n39 | 1 12 | 0 36 | 7 24 | 1 7 | 14 19 | 1 17 | 22 54 | 0 14 | 6 2 | 2 14 | 10 13 | 0 48 | 8 56 | 0 36 | 20 14 | 1 3 | 10 54 | 11 7 | 15 6 | 17 19 | 3 58 |
| S 8 | 5 45 | 15 20 | 1 43 | 0 46 | 0 17 | 6 58 | 1 9 | 14 7 | 1 18 | 22 53 | 0 14 | 6 4 | 2 14 | 10 13 | 0 48 | 8 55 | 0 36 | 20 14 | 1 3 | 10 54 | 11 6 | 15 7 | 17 18 | 3 58 |
| M 9 | 6 8 | 17 17 | 2 42 | 0 26 | 0n 1 | 6 31 | 1 11 | 13 55 | 1 18 | 22 53 | 0 14 | 6 7 | 2 14 | 10 14 | 0 48 | 8 54 | 0 36 | 20 14 | 1 3 | 10 55 | 11 5 | 15 8 | 17 18 | 3 58 |
| T 10 | 6 30 | 18 29 | 3 35 | 0 10 | 0 19 | 6 5 | 1 13 | 13 43 | 1 19 | 22 52 | 0 14 | 6 10 | 2 14 | 10 14 | 0 48 | 8 54 | 0 36 | 20 14 | 1 3 | 10 55 | 11 4 | 15 9 | 17 17 | 3 58 |
| W11 | 6 53 | 18 53 | 4 19 | 0n 1 | 0 35 | 5 38 | 1 15 | 13 31 | 1 20 | 22 52 | 0 14 | 6 13 | 2 14 | 10 15 | 0 48 | 8 53 | 0 36 | 20 13 | 1 3 | 10 55 | 11 3 | 15 10 | 17 16 | 3 59 |
| T 12 | 7 15 | 18 26 | 4 51 | 0 6 | 0 49 | 5 11 | 1 16 | 13 19 | 1 20 | 22 51 | 0 14 | 6 15 | 2 14 | 10 16 | 0 48 | 8 52 | 0 36 | 20 13 | 1 3 | 10 56 | 11 2 | 15 11 | 17 16 | 3 59 |
| F 13 | 7 38 | 17 7 | 5 12 | 0 6 | 1 3 | 4 43 | 1 18 | 13 7 | 1 21 | 22 51 | 0 14 | 6 18 | 2 14 | 10 16 | 0 48 | 8 52 | 0 36 | 20 13 | 1 3 | 10 56 | 11 1 | 15 12 | 17 15 | 3 59 |
| S 14 | 8 0 | 14 56 | 5 18 | 0 1 | 1 15 | 4 16 | 1 20 | 12 55 | 1 21 | 22 50 | 0 14 | 6 21 | 2 14 | 10 17 | 0 48 | 8 51 | 0 36 | 20 13 | 1 3 | 10 56 | 11 0 | 15 14 | 17 14 | 4 0 |
| S 15 | 8 22 | 11 57 | 5 8 | 0 s 9 | 1 25 | 3 48 | 1 21 | 12 43 | 1 22 | 22 49 | 0 14 | 6 24 | 2 14 | 10 17 | 0 48 | 8 50 | 0 36 | 20 13 | 1 3 | 10 56 | 10 58 | 15 15 | 17 14 | 4 0 |
| M16 | 8 44 | 8 15 | 4 41 | 0 23 | 1 34 | 3 20 | 1 23 | 12 31 | 1 22 | 22 49 | 0 14 | 6 26 | 2 14 | 10 18 | 0 48 | 8 50 | 0 36 | 20 13 | 1 3 | 10 55 | 10 57 | 15 16 | 17 13 | 4 0 |
| T 17 | 9 6 | 4 0 | 3 57 | 0 41 | 1 41 | 2 53 | 1 24 | 12 18 | 1 23 | 22 48 | 0 15 | 6 29 | 2 14 | 10 18 | 0 48 | 8 49 | 0 36 | 20 13 | 1 3 | 10 55 | 10 56 | 15 17 | 17 13 | 4 1 |
| W18 | 9 28 | 0n38 | 2 57 | 1 3 | 1 47 | 2 25 | 1 25 | 12 6 | 1 23 | 22 47 | 0 15 | 6 32 | 2 14 | 10 19 | 0 48 | 8 48 | 0 36 | 20 13 | 1 3 | 10 55 | 10 55 | 15 18 | 17 12 | 4 1 |
| T 19 | 9 50 | 5 21 | 1 44 | 1 28 | 1 52 | 1 57 | 1 27 | 11 54 | 1 24 | 22 47 | 0 15 | 6 34 | 2 14 | 10 19 | 0 48 | 8 48 | 0 36 | 20 13 | 1 3 | 10 55 | 10 54 | 15 19 | 17 11 | 4 1 |
| F 20 | 10 11 | 9 49 | 0 22 | 1 56 | 1 56 | 1 28 | 1 28 | 11 41 | 1 25 | 22 46 | 0 15 | 6 37 | 2 14 | 10 19 | 0 48 | 8 47 | 0 36 | 20 13 | 1 3 | 10 55 | 10 53 | 15 20 | 17 11 | 4 1 |
| S 21 | 10 32 | 13 42 | 1 s 2 | 2 27 | 1 59 | 1 0 | 1 29 | 11 29 | 1 25 | 22 45 | 0 15 | 6 40 | 2 14 | 10 20 | 0 48 | 8 47 | 0 36 | 20 13 | 1 3 | 10 55 | 10 52 | 15 21 | 17 10 | 4 2 |
| S 22 | 10 54 | 16 38 | 2 21 | 3 0 | 2 0 | 0 32 | 1 30 | 11 16 | 1 26 | 22 44 | 0 15 | 6 43 | 2 14 | 10 20 | 0 48 | 8 46 | 0 36 | 20 13 | 1 3 | 10 55 | 10 50 | 15 22 | 17 9 | 4 2 |
| M23 | 11 15 | 18 24 | 3 30 | 3 35 | 2 1 | 0 3 | 1 31 | 11 4 | 1 26 | 22 44 | 0 15 | 6 45 | 2 14 | 10 21 | 0 48 | 8 46 | 0 36 | 20 14 | 1 3 | 10 55 | 10 49 | 15 23 | 17 8 | 4 2 |
| T 24 | 11 35 | 18 52 | 4 24 | 4 11 | 2 0 | 0 s25 | 1 32 | 10 51 | 1 27 | 22 43 | 0 15 | 6 48 | 2 14 | 10 21 | 0 47 | 8 45 | 0 37 | 20 14 | 1 3 | 10 55 | 10 48 | 15 24 | 17 8 | 4 2 |
| W25 | 11 56 | 18 7 | 4 59 | 4 49 | 1 59 | 0 54 | 1 32 | 10 39 | 1 27 | 22 42 | 0 15 | 6 51 | 2 14 | 10 21 | 0 47 | 8 44 | 0 37 | 20 14 | 1 3 | 10 55 | 10 47 | 15 25 | 17 7 | 4 3 |
| T 26 | 12 17 | 16 17 | 5 16 | 5 27 | 1 57 | 1 22 | 1 33 | 10 26 | 1 28 | 22 41 | 0 15 | 6 53 | 2 14 | 10 22 | 0 47 | 8 44 | 0 37 | 20 14 | 1 3 | 10 55 | 10 46 | 15 26 | 17 6 | 4 3 |
| F 27 | 12 37 | 13 37 | 5 15 | 6 7 | 1 55 | 1 51 | 1 34 | 10 14 | 1 29 | 22 40 | 0 15 | 6 56 | 2 14 | 10 22 | 0 47 | 8 43 | 0 37 | 20 14 | 1 3 | 10 55 | 10 45 | 15 27 | 17 6 | 4 3 |
| S 28 | 12 57 | 10 19 | 4 58 | 6 47 | 1 52 | 2 20 | 1 34 | 10 1 | 1 29 | 22 39 | 0 15 | 6 58 | 2 14 | 10 22 | 0 47 | 8 43 | 0 37 | 20 14 | 1 3 | 10 55 | 10 44 | 15 28 | 17 5 | 4 3 |
| S 29 | 13 17 | 6 38 | 4 26 | 7 27 | 1 48 | 2 48 | 1 35 | 9 48 | 1 30 | 22 38 | 0 15 | 7 1 | 2 14 | 10 22 | 0 47 | 8 42 | 0 37 | 20 14 | 1 3 | 10 55 | 10 43 | 15 29 | 17 4 | 4 4 |
| M30 | 13 37 | 2 43 | 3 42 | 8 8 | 1 44 | 3 17 | 1 35 | 9 36 | 1 30 | 22 37 | 0 15 | 7 4 | 2 14 | 10 23 | 0 47 | 8 42 | 0 37 | 20 14 | 1 3 | 10 55 | 10 41 | 15 30 | 17 4 | 4 4 |
| T 31 | 13 s56 | 1 s14 | 2 s48 | 8 s48 | 1n40 | 3 s45 | 1n36 | 9n23 | 1n31 | 22 s36 | 0 s15 | 7 s 6 | 2n14 | 10 s23 | 0 s47 | 8n41 | 0n37 | 20n14 | 1 s 3 | 10 s55 | 10 s40 | 15 s31 | 17n 3 | 4 s 4 |

Julian Day Number = 2606315.5, Delta T = 09m48s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'53, Lahiri = 29°46'54


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## NOVEMBER 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 40 39 | 8♏22'12 | 8♎41 | 28♎37 | 14♎30 | 10♍ 6 | 16♑47 | 23♎51 | 5°R 0 | 9♍10 | 24°R 0 | 28♎32 | 27♎46 | 18♏31 | 4°R47 | W 1 |
| T 2 | 2 44 36 | 9°22'01 | 20°38 | 0♏18 | 15°44 | 10°41 | 16°55 | 23°58 | 5♓ 0 | 9°11 | 24♋ 0 | 28°33 | 27°42 | 18°38 | 4♊45 | T 2 |
| F 3 | 2 48 32 | 10°21'51 | 2♏29 | 1°59 | 16°59 | 11°16 | 17° 4 | 24° 5 | 4°59 | 9°13 | 23°59 | 28°R33 | 27°39 | 18°45 | 4°42 | F 3 |
| S 4 | 2 52 29 | 11°21'44 | 14°17 | 3°40 | 18°13 | 11°51 | 17°14 | 24°12 | 4°59 | 9°14 | 23°59 | 28°32 | 27°36 | 18°51 | 4°39 | S 4 |
| S 5 | 2 56 25 | 12°21'38 | 26° 5 | 5°21 | 19°28 | 12°25 | 17°23 | 24°20 | 4°58 | 9°15 | 23°59 | 28°31 | 27°33 | 18°58 | 4°36 | S 5 |
| M 6 | 3 0 22 | 13°21'34 | 7♐54 | 7° 1 | 20°42 | 13° 0 | 17°32 | 24°27 | 4°58 | 9°16 | 23°59 | 28°29 | 27°30 | 19° 5 | 4°33 | M 6 |
| T 7 | 3 4 18 | 14°21'33 | 19°46 | 8°41 | 21°57 | 13°34 | 17°42 | 24°34 | 4°57 | 9°17 | 23°58 | 28°27 | 27°27 | 19°11 | 4°30 | T 7 |
| W 8 | 3 8 15 | 15°21'32 | 1♑45 | 10°21 | 23°11 | 14° 9 | 17°52 | 24°41 | 4°57 | 9°19 | 23°58 | 28°24 | 27°23 | 19°18 | 4°27 | W 8 |
| T 9 | 3 12 11 | 16°21'34 | 13°53 | 12° 0 | 24°26 | 14°43 | 18° 1 | 24°48 | 4°57 | 9°20 | 23°58 | 28°22 | 27°20 | 19°25 | 4°24 | T 9 |
| F 10 | 3 16 8 | 17°21'37 | 26°13 | 13°39 | 25°41 | 15°17 | 18°11 | 24°55 | 4°56 | 9°21 | 23°57 | 28°20 | 27°17 | 19°31 | 4°21 | F 10 |
| S 11 | 3 20 5 | 18°21'42 | 8♒50 | 15°18 | 26°55 | 15°51 | 18°21 | 25° 2 | 4°56 | 9°22 | 23°57 | 28°18 | 27°14 | 19°38 | 4°17 | S 11 |
| S 12 | 3 24 1 | 19°21'48 | 21°45 | 16°56 | 28°10 | 16°25 | 18°31 | 25° 9 | 4°56 | 9°23 | 23°56 | 28°D18 | 27°11 | 19°45 | 4°14 | S 12 |
| M13 | 3 27 58 | 20°21'56 | 5♓ 4 | 18°34 | 29°25 | 16°59 | 18°41 | 25°16 | 4°56 | 9°24 | 23°56 | 28°19 | 27° 8 | 19°51 | 4°11 | M13 |
| T 14 | 3 31 54 | 21°22'05 | 18°48 | 20°11 | 0♏40 | 17°33 | 18°52 | 25°23 | 4°D56 | 9°25 | 23°55 | 28°20 | 27° 4 | 19°58 | 4° 8 | T 14 |
| W15 | 3 35 51 | 22°22'16 | 2♈58 | 21°48 | 1°55 | 18° 7 | 19° 2 | 25°30 | 4°56 | 9°26 | 23°55 | 28°21 | 27° 1 | 20° 5 | 4° 5 | W15 |
| T 16 | 3 39 47 | 23°22'28 | 17°33 | 23°25 | 3° 9 | 18°41 | 19°13 | 25°36 | 4°56 | 9°27 | 23°54 | 28°23 | 26°58 | 20°11 | 4° 1 | T 16 |
| F 17 | 3 43 44 | 24°22'42 | 2♉29 | 25° 1 | 4°24 | 19°14 | 19°23 | 25°43 | 4°56 | 9°28 | 23°54 | 28°R23 | 26°55 | 20°18 | 3°58 | F 17 |
| S 18 | 3 47 40 | 25°22'57 | 17°40 | 26°37 | 5°39 | 19°48 | 19°34 | 25°50 | 4°56 | 9°28 | 23°53 | 28°22 | 26°52 | 20°25 | 3°55 | S 18 |
| S 19 | 3 51 37 | 26°23'14 | 2♊56 | 28°13 | 6°54 | 20°21 | 19°45 | 25°57 | 4°56 | 9°29 | 23°53 | 28°19 | 26°48 | 20°31 | 3°52 | S 19 |
| M20 | 3 55 34 | 27°23'33 | 18° 7 | 29°48 | 8° 9 | 20°54 | 19°56 | 26° 3 | 4°57 | 9°30 | 23°52 | 28°16 | 26°45 | 20°38 | 3°48 | M20 |
| T 21 | 3 59 30 | 28°23'54 | 3♋ 3 | 1♐23 | 9°24 | 21°27 | 20° 7 | 26°10 | 4°57 | 9°31 | 23°52 | 28°11 | 26°42 | 20°45 | 3°45 | T 21 |
| W22 | 4 3 27 | 29°24'16 | 17°36 | 2°58 | 10°39 | 22° 1 | 20°18 | 26°17 | 4°57 | 9°31 | 23°51 | 28° 7 | 26°39 | 20°51 | 3°42 | W22 |
| T 23 | 4 7 23 | 0♐24'40 | 1♌42 | 4°32 | 11°54 | 22°34 | 20°29 | 26°23 | 4°58 | 9°32 | 23°50 | 28° 3 | 26°36 | 20°58 | 3°39 | T 23 |
| F 24 | 4 11 20 | 1°25'06 | 15°19 | 6° 6 | 13° 9 | 23° 6 | 20°41 | 26°30 | 4°58 | 9°33 | 23°50 | 28° 0 | 26°33 | 21° 5 | 3°35 | F 24 |
| S 25 | 4 15 16 | 2°25'34 | 28°28 | 7°40 | 14°24 | 23°39 | 20°52 | 26°36 | 4°59 | 9°33 | 23°49 | 27°D59 | 26°29 | 21°11 | 3°32 | S 25 |
| S 26 | 4 19 13 | 3°26'04 | 11♍12 | 9°14 | 15°39 | 24°12 | 21° 3 | 26°43 | 4°59 | 9°34 | 23°48 | 27°59 | 26°26 | 21°18 | 3°29 | S 26 |
| M27 | 4 23 9 | 4°26'36 | 23°35 | 10°47 | 16°54 | 24°44 | 21°15 | 26°49 | 5° 0 | 9°34 | 23°47 | 28° 0 | 26°23 | 21°25 | 3°25 | M27 |
| T 28 | 4 27 6 | 5°27'09 | 5♎43 | 12°20 | 18°10 | 25°17 | 21°27 | 26°55 | 5° 1 | 9°35 | 23°47 | 28° 2 | 26°20 | 21°31 | 3°22 | T 28 |
| W29 | 4 31 3 | 6°27'44 | 17°40 | 13°53 | 19°25 | 25°49 | 21°38 | 27° 2 | 5° 1 | 9°35 | 23°46 | 28° 4 | 26°17 | 21°38 | 3°19 | W29 |
| T 30 | 4 34 59 | 7♐28'21 | 29♎30 | 15♐26 | 20♏40 | 26♍21 | 21♑50 | 27♎ 8 | 5♓ 2 | 9♍36 | 23♋45 | 28°R 4 | 26♎14 | 21♏45 | 3♊15 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s16 | 5s 6 | 1s48 | 9s29 | 1n35 | 4s14 | 1n36 | 9n11 | 1n32 | 22s35 | 0s16 | 7s 9 | 2n15 | 10s23 | 0s47 | 8n41 | 0n37 | 20n14 | 1s 2 | 10s56 | 10s39 | 15s32 | 17n 2 | 4s 4 |
| T 2 | 14 35 | 8 43 | 0 44 | 10 9 | 1 29 | 4 42 | 1 36 | 8 58 | 1 32 | 22 34 | 0 16 | 7 11 | 2 15 | 10 23 | 0 47 | 8 40 | 0 37 | 20 14 | 1 2 | 10 56 | 10 38 | 15 33 | 17 1 | 4 5 |
| F 3 | 14 54 | 11 58 | 0n22 | 10 49 | 1 24 | 5 10 | 1 36 | 8 45 | 1 33 | 22 33 | 0 16 | 7 14 | 2 15 | 10 24 | 0 47 | 8 40 | 0 37 | 20 14 | 1 2 | 10 56 | 10 37 | 15 34 | 17 1 | 4 5 |
| S 4 | 15 12 | 14 43 | 1 26 | 11 29 | 1 18 | 5 39 | 1 36 | 8 32 | 1 33 | 22 32 | 0 16 | 7 17 | 2 15 | 10 24 | 0 47 | 8 40 | 0 37 | 20 14 | 1 2 | 10 56 | 10 36 | 15 35 | 17 0 | 4 5 |
| S 5 | 15 31 | 16 51 | 2 27 | 12 8 | 1 12 | 6 7 | 1 36 | 8 20 | 1 34 | 22 31 | 0 16 | 7 19 | 2 15 | 10 24 | 0 47 | 8 39 | 0 37 | 20 14 | 1 2 | 10 55 | 10 35 | 15 36 | 16 59 | 4 5 |
| M 6 | 15 49 | 18 16 | 3 21 | 12 47 | 1 6 | 6 35 | 1 36 | 8 7 | 1 34 | 22 30 | 0 16 | 7 22 | 2 15 | 10 24 | 0 47 | 8 39 | 0 37 | 20 14 | 1 2 | 10 55 | 10 33 | 15 37 | 16 58 | 4 5 |
| T 7 | 16 7 | 18 53 | 4 7 | 13 25 | 1 0 | 7 3 | 1 36 | 7 54 | 1 35 | 22 29 | 0 16 | 7 24 | 2 15 | 10 24 | 0 47 | 8 38 | 0 37 | 20 14 | 1 2 | 10 54 | 10 32 | 15 38 | 16 58 | 4 6 |
| W 8 | 16 24 | 18 40 | 4 43 | 14 3 | 0 53 | 7 31 | 1 36 | 7 42 | 1 36 | 22 27 | 0 16 | 7 27 | 2 15 | 10 24 | 0 47 | 8 38 | 0 37 | 20 14 | 1 2 | 10 53 | 10 31 | 15 39 | 16 57 | 4 6 |
| T 9 | 16 41 | 17 35 | 5 6 | 14 39 | 0 47 | 7 58 | 1 35 | 7 29 | 1 36 | 22 26 | 0 16 | 7 29 | 2 15 | 10 24 | 0 47 | 8 37 | 0 37 | 20 15 | 1 2 | 10 52 | 10 30 | 15 40 | 16 56 | 4 6 |
| F 10 | 16 58 | 15 41 | 5 16 | 15 16 | 0 40 | 8 26 | 1 35 | 7 16 | 1 37 | 22 25 | 0 16 | 7 32 | 2 15 | 10 24 | 0 47 | 8 37 | 0 37 | 20 15 | 1 2 | 10 51 | 10 29 | 15 41 | 16 55 | 4 6 |
| S 11 | 17 15 | 13 1 | 5 11 | 15 51 | 0 34 | 8 53 | 1 34 | 7 4 | 1 37 | 22 24 | 0 16 | 7 34 | 2 15 | 10 24 | 0 47 | 8 37 | 0 37 | 20 15 | 1 2 | 10 51 | 10 28 | 15 42 | 16 55 | 4 6 |
| S 12 | 17 32 | 9 38 | 4 50 | 16 26 | 0 27 | 9 20 | 1 34 | 6 51 | 1 38 | 22 22 | 0 16 | 7 36 | 2 15 | 10 24 | 0 47 | 8 36 | 0 37 | 20 15 | 1 2 | 10 51 | 10 27 | 15 43 | 16 54 | 4 7 |
| M13 | 17 48 | 5 42 | 4 13 | 16 59 | 0 20 | 9 47 | 1 33 | 6 38 | 1 39 | 22 21 | 0 16 | 7 39 | 2 15 | 10 24 | 0 47 | 8 36 | 0 37 | 20 15 | 1 2 | 10 51 | 10 25 | 15 44 | 16 53 | 4 7 |
| T 14 | 18 4 | 1 20 | 3 21 | 17 32 | 0 13 | 10 14 | 1 33 | 6 26 | 1 39 | 22 20 | 0 16 | 7 41 | 2 16 | 10 24 | 0 47 | 8 36 | 0 37 | 20 15 | 1 2 | 10 51 | 10 24 | 15 45 | 16 53 | 4 7 |
| W15 | 18 19 | 3n15 | 2 16 | 18 4 | 0 6 | 10 40 | 1 32 | 6 13 | 1 40 | 22 18 | 0 16 | 7 44 | 2 16 | 10 24 | 0 47 | 8 35 | 0 37 | 20 15 | 1 2 | 10 52 | 10 23 | 15 46 | 16 52 | 4 7 |
| T 16 | 18 34 | 7 47 | 0 59 | 18 35 | 0s 0 | 11 6 | 1 31 | 6 0 | 1 40 | 22 17 | 0 16 | 7 46 | 2 16 | 10 24 | 0 47 | 8 35 | 0 37 | 20 15 | 1 2 | 10 52 | 10 22 | 15 47 | 16 51 | 4 7 |
| F 17 | 18 49 | 11 57 | 0s23 | 19 5 | 0 7 | 11 32 | 1 30 | 5 48 | 1 41 | 22 15 | 0 17 | 7 48 | 2 16 | 10 24 | 0 47 | 8 35 | 0 37 | 20 15 | 1 2 | 10 52 | 10 21 | 15 48 | 16 50 | 4 7 |
| S 18 | 19 4 | 15 24 | 1 44 | 19 35 | 0 14 | 11 58 | 1 29 | 5 35 | 1 42 | 22 14 | 0 17 | 7 51 | 2 16 | 10 24 | 0 47 | 8 34 | 0 37 | 20 16 | 1 2 | 10 52 | 10 20 | 15 49 | 16 50 | 4 8 |
| S 19 | 19 18 | 17 46 | 2 59 | 20 3 | 0 20 | 12 24 | 1 28 | 5 23 | 1 42 | 22 12 | 0 17 | 7 53 | 2 16 | 10 24 | 0 47 | 8 34 | 0 37 | 20 16 | 1 2 | 10 51 | 10 19 | 15 50 | 16 49 | 4 8 |
| M20 | 19 32 | 18 52 | 4 0 | 20 30 | 0 27 | 12 49 | 1 27 | 5 10 | 1 43 | 22 11 | 0 17 | 7 55 | 2 16 | 10 24 | 0 46 | 8 34 | 0 37 | 20 16 | 1 2 | 10 50 | 10 17 | 15 51 | 16 48 | 4 8 |
| T 21 | 19 45 | 18 37 | 4 44 | 20 56 | 0 34 | 13 14 | 1 26 | 4 58 | 1 43 | 22 9 | 0 17 | 7 58 | 2 16 | 10 24 | 0 46 | 8 34 | 0 37 | 20 16 | 1 2 | 10 48 | 10 16 | 15 52 | 16 47 | 4 8 |
| W22 | 19 58 | 17 8 | 5 8 | 21 21 | 0 40 | 13 38 | 1 25 | 4 45 | 1 44 | 22 8 | 0 17 | 8 0 | 2 17 | 10 23 | 0 46 | 8 33 | 0 37 | 20 16 | 1 2 | 10 47 | 10 15 | 15 53 | 16 47 | 4 8 |
| T 23 | 20 11 | 14 39 | 5 12 | 21 45 | 0 46 | 14 3 | 1 24 | 4 33 | 1 45 | 22 6 | 0 17 | 8 2 | 2 17 | 10 23 | 0 46 | 8 33 | 0 37 | 20 16 | 1 2 | 10 45 | 10 14 | 15 54 | 16 46 | 4 8 |
| F 24 | 20 24 | 11 26 | 4 59 | 22 8 | 0 53 | 14 26 | 1 22 | 4 20 | 1 45 | 22 4 | 0 17 | 8 4 | 2 17 | 10 23 | 0 46 | 8 33 | 0 37 | 20 16 | 1 2 | 10 44 | 10 13 | 15 55 | 16 45 | 4 8 |
| S 25 | 20 36 | 7 45 | 4 30 | 22 30 | 0 59 | 14 50 | 1 21 | 4 8 | 1 46 | 22 3 | 0 17 | 8 6 | 2 17 | 10 23 | 0 46 | 8 33 | 0 37 | 20 17 | 1 2 | 10 44 | 10 12 | 15 56 | 16 45 | 4 8 |
| S 26 | 20 47 | 3 49 | 3 49 | 22 51 | 1 5 | 15 13 | 1 20 | 3 56 | 1 46 | 22 1 | 0 17 | 8 9 | 2 17 | 10 23 | 0 46 | 8 33 | 0 37 | 20 17 | 1 2 | 10 44 | 10 11 | 15 57 | 16 44 | 4 9 |
| M27 | 20 59 | 0s10 | 2 57 | 23 10 | 1 11 | 15 36 | 1 18 | 3 43 | 1 47 | 21 59 | 0 17 | 8 11 | 2 17 | 10 22 | 0 46 | 8 32 | 0 38 | 20 17 | 1 1 | 10 44 | 10 9 | 15 58 | 16 43 | 4 9 |
| T 28 | 21 10 | 4 5 | 1 59 | 23 29 | 1 16 | 15 58 | 1 17 | 3 31 | 1 48 | 21 58 | 0 17 | 8 13 | 2 17 | 10 22 | 0 46 | 8 32 | 0 38 | 20 17 | 1 1 | 10 45 | 10 8 | 15 59 | 16 42 | 4 9 |
| W29 | 21 20 | 7 47 | 0 57 | 23 46 | 1 22 | 16 20 | 1 15 | 3 19 | 1 48 | 21 56 | 0 17 | 8 15 | 2 18 | 10 22 | 0 46 | 8 32 | 0 38 | 20 17 | 1 1 | 10 46 | 10 7 | 16 0 | 16 42 | 4 9 |
| T 30 | 21s30 | 11s 9 | 0n 8 | 24s 2 | 1s27 | 16s42 | 1n13 | 3n 7 | 1n49 | 21s54 | 0s17 | 8s17 | 2n18 | 10s21 | 0s46 | 8n32 | 0n38 | 20n18 | 1s 1 | 10s46 | 10s 6 | 16s 1 | 16n41 | 4s 9 |

Julian Day Number = 2606346.5, Delta T = 09m48s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°39'57, Lahiri = 29°46'59


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# ASTRODIENST EPHEMERIS for the year 2423
# geocentric

## DECEMBER 2423 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 38 56 | 8♐28'59 | 11♏17 | 16♐59 | 21♏55 | 26♍53 | 22♑ 2 | 27♎14 | 5♓ 3 | 9♍36 | 23°R44 | 28°R 3 | 26♎10 | 21♏51 | 3°R12 | F 1 |
| S 2 | 4 42 52 | 9°29'39 | 23° 4 | 18°32 | 23°10 | 27°25 | 22°14 | 27°20 | 5° 4 | 9°37 | 23♋43 | 28♎ 0 | 26° 7 | 21°58 | 3♊ 9 | S 2 |
| S 3 | 4 46 49 | 10°30'20 | 4♐54 | 20° 4 | 24°26 | 27°57 | 22°26 | 27°26 | 5° 5 | 9°37 | 23°43 | 27°55 | 26° 4 | 22° 5 | 3° 5 | S 3 |
| M 4 | 4 50 45 | 11°31'03 | 16°49 | 21°36 | 25°41 | 28°29 | 22°38 | 27°32 | 5° 6 | 9°37 | 23°42 | 27°48 | 26° 1 | 22°11 | 3° 2 | M 4 |
| T 5 | 4 54 42 | 12°31'47 | 28°50 | 23° 8 | 26°56 | 29° 0 | 22°51 | 27°38 | 5° 7 | 9°37 | 23°41 | 27°39 | 25°58 | 22°18 | 2°59 | T 5 |
| W 6 | 4 58 38 | 13°32'32 | 10♑58 | 24°40 | 28°11 | 29°32 | 23° 3 | 27°44 | 5° 8 | 9°38 | 23°40 | 27°30 | 25°54 | 22°25 | 2°56 | W 6 |
| T 7 | 5 2 35 | 14°33'18 | 23°16 | 26°12 | 29°27 | 0♎ 3 | 23°15 | 27°50 | 5° 9 | 9°38 | 23°39 | 27°21 | 25°51 | 22°31 | 2°52 | T 7 |
| F 8 | 5 6 32 | 15°34'06 | 5♒44 | 27°44 | 0♐42 | 0°34 | 23°28 | 27°56 | 5°10 | 9°38 | 23°38 | 27°14 | 25°48 | 22°38 | 2°49 | F 8 |
| S 9 | 5 10 28 | 16°34'54 | 18°25 | 29°15 | 1°57 | 1° 5 | 23°40 | 28° 1 | 5°11 | 9°38 | 23°37 | 27° 8 | 25°45 | 22°44 | 2°46 | S 9 |
| S 10 | 5 14 25 | 17°35'43 | 1♓21 | 0♑47 | 3°13 | 1°36 | 23°53 | 28° 7 | 5°13 | 9°38 | 23°36 | 27° 4 | 25°42 | 22°51 | 2°43 | S 10 |
| M11 | 5 18 21 | 18°36'33 | 14°34 | 2°18 | 4°28 | 2° 6 | 24° 5 | 28°13 | 5°14 | 9°38 | 23°35 | 27°D 3 | 25°39 | 22°58 | 2°40 | M11 |
| T 12 | 5 22 18 | 19°37'24 | 28° 7 | 3°48 | 5°43 | 2°37 | 24°18 | 28°18 | 5°15 | 9°R38 | 23°34 | 27° 3 | 25°35 | 23° 4 | 2°36 | T 12 |
| W13 | 5 26 14 | 20°38'16 | 12♈ 1 | 5°19 | 6°59 | 3° 7 | 24°31 | 28°24 | 5°17 | 9°38 | 23°33 | 27° 4 | 25°32 | 23°11 | 2°33 | W13 |
| T 14 | 5 30 11 | 21°39'08 | 26°18 | 6°49 | 8°14 | 3°38 | 24°44 | 28°29 | 5°18 | 9°38 | 23°32 | 27°R 4 | 25°29 | 23°18 | 2°30 | T 14 |
| F 15 | 5 34 7 | 22°40'01 | 10♉56 | 8°18 | 9°29 | 4° 8 | 24°57 | 28°34 | 5°20 | 9°38 | 23°31 | 27° 4 | 25°26 | 23°24 | 2°27 | F 15 |
| S 16 | 5 38 4 | 23°40'55 | 25°52 | 9°47 | 10°45 | 4°38 | 25°10 | 28°40 | 5°21 | 9°38 | 23°30 | 27° 1 | 25°23 | 23°31 | 2°24 | S 16 |
| S 17 | 5 42 1 | 24°41'50 | 10♊57 | 11°16 | 12° 0 | 5° 7 | 25°23 | 28°45 | 5°23 | 9°38 | 23°29 | 26°55 | 25°20 | 23°38 | 2°21 | S 17 |
| M18 | 5 45 57 | 25°42'45 | 26° 3 | 12°43 | 13°15 | 5°37 | 25°36 | 28°50 | 5°25 | 9°38 | 23°28 | 26°47 | 25°16 | 23°44 | 2°18 | M18 |
| T 19 | 5 49 54 | 26°43'42 | 11♋ 0 | 14°10 | 14°31 | 6° 6 | 25°49 | 28°55 | 5°26 | 9°37 | 23°27 | 26°37 | 25°13 | 23°51 | 2°15 | T 19 |
| W20 | 5 53 50 | 27°44'39 | 25°40 | 15°36 | 15°46 | 6°36 | 26° 2 | 29° 0 | 5°28 | 9°37 | 23°26 | 26°28 | 25°10 | 23°58 | 2°12 | W20 |
| T 21 | 5 57 47 | 28°45'38 | 9♌54 | 17° 0 | 17° 2 | 7° 5 | 26°15 | 29° 5 | 5°30 | 9°37 | 23°24 | 26°18 | 25° 7 | 24° 4 | 2° 9 | T 21 |
| F 22 | 6 1 43 | 29°46'37 | 23°39 | 18°23 | 18°17 | 7°34 | 26°28 | 29°10 | 5°32 | 9°37 | 23°23 | 26°11 | 25° 4 | 24°11 | 2° 6 | F 22 |
| S 23 | 6 5 40 | 0♑47'37 | 6♍55 | 19°45 | 19°32 | 8° 3 | 26°42 | 29°14 | 5°34 | 9°36 | 23°22 | 26° 6 | 25° 0 | 24°18 | 2° 4 | S 23 |
| S 24 | 6 9 37 | 1°48'38 | 19°44 | 21° 4 | 20°48 | 8°31 | 26°55 | 29°19 | 5°35 | 9°36 | 23°21 | 26° 3 | 24°57 | 24°24 | 2° 1 | S 24 |
| M25 | 6 13 33 | 2°49'40 | 2♎10 | 22°21 | 22° 3 | 8°59 | 27° 8 | 29°24 | 5°37 | 9°35 | 23°20 | 26°D 2 | 24°54 | 24°31 | 1°58 | M25 |
| T 26 | 6 17 30 | 3°50'43 | 14°18 | 23°35 | 23°19 | 9°28 | 27°22 | 29°28 | 5°39 | 9°35 | 23°19 | 26° 3 | 24°51 | 24°38 | 1°55 | T 26 |
| W27 | 6 21 26 | 4°51'47 | 26°13 | 24°46 | 24°34 | 9°56 | 27°35 | 29°32 | 5°41 | 9°34 | 23°17 | 26°R 3 | 24°48 | 24°44 | 1°53 | W27 |
| T 28 | 6 25 23 | 5°52'52 | 8♏ 2 | 25°53 | 25°50 | 10°23 | 27°49 | 29°37 | 5°44 | 9°34 | 23°16 | 26° 2 | 24°45 | 24°51 | 1°50 | T 28 |
| F 29 | 6 29 19 | 6°53'57 | 19°48 | 26°56 | 27° 5 | 10°51 | 28° 3 | 29°41 | 5°46 | 9°33 | 23°15 | 25°59 | 24°41 | 24°58 | 1°48 | F 29 |
| S 30 | 6 33 16 | 7°55'04 | 1♐37 | 27°54 | 28°21 | 11°18 | 28°16 | 29°45 | 5°48 | 9°33 | 23°14 | 25°54 | 24°38 | 25° 4 | 1°45 | S 30 |
| S 31 | 6 37 12 | 8♑56'10 | 13♐31 | 28♑46 | 29♐36 | 11♎46 | 28♑30 | 29♎49 | 5♓50 | 9♍32 | 23♋13 | 25♎45 | 24♎35 | 25♏11 | 1♊43 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s40 | 14s 3 | 1n11 | 24s17 | 1s32 | 17s 3 | 1n12 | 2n55 | 1n49 | 21s52 | 0s17 | 8s19 | 2n18 | 10s21 | 0s46 | 8n32 | 0n38 | 20n18 | 1s 1 | 10s45 | 10s 5 | 16s 2 | 16n40 | 4s 9 |
| S 2 | 21 49 | 16 22 | 2 12 | 24 30 | 1 37 | 17 24 | 1 10 | 2 42 | 1 50 | 21 50 | 0 17 | 8 21 | 2 18 | 10 21 | 0 46 | 8 32 | 0 38 | 20 18 | 1 1 | 10 44 | 10 4 | 16 2 | 16 40 | 4 9 |
| S 3 | 21 58 | 18 0 | 3 6 | 24 43 | 1 42 | 17 44 | 1 8 | 2 30 | 1 51 | 21 48 | 0 18 | 8 23 | 2 18 | 10 20 | 0 46 | 8 32 | 0 38 | 20 18 | 1 1 | 10 42 | 10 3 | 16 3 | 16 39 | 4 9 |
| M 4 | 22 7 | 18 52 | 3 53 | 24 54 | 1 47 | 18 4 | 1 6 | 2 18 | 1 51 | 21 47 | 0 18 | 8 25 | 2 18 | 10 20 | 0 46 | 8 32 | 0 38 | 20 18 | 1 1 | 10 40 | 10 1 | 16 4 | 16 38 | 4 9 |
| T 5 | 22 15 | 18 53 | 4 30 | 25 3 | 1 51 | 18 23 | 1 4 | 2 7 | 1 52 | 21 45 | 0 18 | 8 27 | 2 18 | 10 20 | 0 46 | 8 32 | 0 38 | 20 18 | 1 1 | 10 37 | 10 0 | 16 5 | 16 38 | 4 9 |
| W 6 | 22 22 | 18 2 | 4 55 | 25 12 | 1 55 | 18 42 | 1 2 | 1 55 | 1 53 | 21 43 | 0 18 | 8 29 | 2 19 | 10 19 | 0 46 | 8 31 | 0 38 | 20 19 | 1 1 | 10 34 | 9 59 | 16 6 | 16 37 | 4 9 |
| T 7 | 22 29 | 16 20 | 5 7 | 25 19 | 1 59 | 19 0 | 1 1 | 1 43 | 1 53 | 21 41 | 0 18 | 8 31 | 2 19 | 10 19 | 0 46 | 8 31 | 0 38 | 20 19 | 1 1 | 10 30 | 9 58 | 16 7 | 16 36 | 4 9 |
| F 8 | 22 36 | 13 52 | 5 4 | 25 24 | 2 3 | 19 18 | 0 59 | 1 31 | 1 54 | 21 39 | 0 18 | 8 33 | 2 19 | 10 18 | 0 46 | 8 31 | 0 38 | 20 19 | 1 1 | 10 28 | 9 57 | 16 8 | 16 36 | 4 9 |
| S 9 | 22 42 | 10 43 | 4 47 | 25 29 | 2 6 | 19 35 | 0 57 | 1 19 | 1 55 | 21 36 | 0 18 | 8 35 | 2 19 | 10 18 | 0 46 | 8 31 | 0 38 | 20 19 | 1 1 | 10 26 | 9 56 | 16 9 | 16 35 | 4 9 |
| S 10 | 22 48 | 7 0 | 4 15 | 25 32 | 2 9 | 19 51 | 0 54 | 1 8 | 1 55 | 21 34 | 0 18 | 8 37 | 2 19 | 10 17 | 0 46 | 8 31 | 0 38 | 20 19 | 1 1 | 10 24 | 9 55 | 16 10 | 16 34 | 4 9 |
| M11 | 22 54 | 2 51 | 3 28 | 25 33 | 2 12 | 20 8 | 0 52 | 0 56 | 1 56 | 21 32 | 0 18 | 8 38 | 2 20 | 10 17 | 0 46 | 8 31 | 0 38 | 20 20 | 1 1 | 10 24 | 9 53 | 16 11 | 16 34 | 4 9 |
| T 12 | 22 59 | 1n32 | 2 29 | 25 33 | 2 14 | 20 23 | 0 50 | 0 45 | 1 56 | 21 30 | 0 18 | 8 40 | 2 20 | 10 16 | 0 46 | 8 31 | 0 38 | 20 20 | 1 1 | 10 24 | 9 52 | 16 12 | 16 33 | 4 9 |
| W13 | 23 3 | 5 58 | 1 20 | 25 32 | 2 16 | 20 38 | 0 48 | 0 33 | 1 57 | 21 28 | 0 18 | 8 42 | 2 20 | 10 16 | 0 46 | 8 31 | 0 38 | 20 20 | 1 1 | 10 24 | 9 51 | 16 12 | 16 33 | 4 9 |
| T 14 | 23 7 | 10 12 | 0 4 | 25 30 | 2 17 | 20 52 | 0 46 | 0 22 | 1 58 | 21 26 | 0 18 | 8 44 | 2 20 | 10 15 | 0 46 | 8 32 | 0 38 | 20 20 | 1 1 | 10 24 | 9 50 | 16 13 | 16 32 | 4 9 |
| F 15 | 23 11 | 13 54 | 1s14 | 25 26 | 2 18 | 21 6 | 0 44 | 0 10 | 1 58 | 21 23 | 0 18 | 8 45 | 2 20 | 10 14 | 0 46 | 8 32 | 0 38 | 20 21 | 1 1 | 10 24 | 9 49 | 16 14 | 16 31 | 4 9 |
| S 16 | 23 14 | 16 47 | 2 28 | 25 20 | 2 19 | 21 19 | 0 41 | 0s 1 | 1 59 | 21 21 | 0 18 | 8 47 | 2 20 | 10 14 | 0 46 | 8 32 | 0 38 | 20 21 | 1 1 | 10 23 | 9 48 | 16 15 | 16 31 | 4 9 |
| S 17 | 23 17 | 18 31 | 3 33 | 25 13 | 2 19 | 21 32 | 0 39 | 0 12 | 2 0 | 21 19 | 0 18 | 8 49 | 2 21 | 10 13 | 0 45 | 8 32 | 0 38 | 20 21 | 1 1 | 10 21 | 9 46 | 16 16 | 16 30 | 4 9 |
| M18 | 23 19 | 18 57 | 4 22 | 25 5 | 2 19 | 21 44 | 0 37 | 0 23 | 2 0 | 21 17 | 0 19 | 8 50 | 2 21 | 10 13 | 0 45 | 8 32 | 0 38 | 20 21 | 1 1 | 10 18 | 9 45 | 16 17 | 16 30 | 4 9 |
| T 19 | 23 20 | 18 3 | 4 53 | 24 55 | 2 18 | 21 55 | 0 34 | 0 34 | 2 1 | 21 14 | 0 19 | 8 52 | 2 21 | 10 12 | 0 45 | 8 32 | 0 38 | 20 21 | 1 0 | 10 15 | 9 44 | 16 18 | 16 29 | 4 9 |
| W20 | 23 22 | 15 58 | 5 4 | 24 44 | 2 17 | 22 5 | 0 32 | 0 45 | 2 2 | 21 12 | 0 19 | 8 53 | 2 21 | 10 11 | 0 45 | 8 32 | 0 38 | 20 22 | 1 0 | 10 11 | 9 43 | 16 19 | 16 29 | 4 9 |
| T 21 | 23 23 | 12 58 | 4 56 | 24 32 | 2 15 | 22 15 | 0 30 | 0 56 | 2 2 | 21 9 | 0 19 | 8 55 | 2 21 | 10 11 | 0 45 | 8 32 | 0 38 | 20 22 | 1 0 | 10 8 | 9 42 | 16 19 | 16 28 | 4 9 |
| F 22 | 23 23 | 9 21 | 4 31 | 24 18 | 2 12 | 22 25 | 0 27 | 1 7 | 2 3 | 21 7 | 0 19 | 8 56 | 2 22 | 10 10 | 0 45 | 8 32 | 0 38 | 20 22 | 1 0 | 10 5 | 9 41 | 16 20 | 16 28 | 4 9 |
| S 23 | 23 23 | 5 22 | 3 51 | 24 3 | 2 8 | 22 33 | 0 25 | 1 17 | 2 4 | 21 4 | 0 19 | 8 58 | 2 22 | 10 9 | 0 45 | 8 33 | 0 38 | 20 22 | 1 0 | 10 3 | 9 39 | 16 21 | 16 27 | 4 9 |
| S 24 | 23 22 | 1 17 | 3 1 | 23 47 | 2 4 | 22 41 | 0 23 | 1 28 | 2 4 | 21 2 | 0 19 | 8 59 | 2 22 | 10 8 | 0 45 | 8 33 | 0 38 | 20 23 | 1 0 | 10 2 | 9 38 | 16 22 | 16 27 | 4 9 |
| M25 | 23 21 | 2s45 | 2 4 | 23 30 | 1 59 | 22 49 | 0 20 | 1 38 | 2 5 | 20 59 | 0 19 | 9 1 | 2 22 | 10 8 | 0 45 | 8 33 | 0 38 | 20 23 | 1 0 | 10 2 | 9 37 | 16 23 | 16 26 | 4 9 |
| T 26 | 23 20 | 6 35 | 1 2 | 23 12 | 1 54 | 22 55 | 0 18 | 1 49 | 2 6 | 20 57 | 0 19 | 9 2 | 2 23 | 10 7 | 0 45 | 8 33 | 0 38 | 20 23 | 1 0 | 10 2 | 9 36 | 16 24 | 16 26 | 4 9 |
| W27 | 23 18 | 10 5 | 0n 1 | 22 52 | 1 47 | 23 1 | 0 15 | 1 59 | 2 6 | 20 54 | 0 19 | 9 3 | 2 23 | 10 6 | 0 45 | 8 33 | 0 38 | 20 23 | 1 0 | 10 2 | 9 35 | 16 25 | 16 25 | 4 9 |
| T 28 | 23 15 | 13 9 | 1 3 | 22 32 | 1 39 | 23 6 | 0 13 | 2 9 | 2 7 | 20 52 | 0 19 | 9 5 | 2 23 | 10 5 | 0 45 | 8 34 | 0 38 | 20 24 | 1 0 | 10 2 | 9 34 | 16 25 | 16 25 | 4 9 |
| F 29 | 23 12 | 15 40 | 2 3 | 22 12 | 1 30 | 23 11 | 0 10 | 2 19 | 2 8 | 20 49 | 0 19 | 9 6 | 2 23 | 10 5 | 0 45 | 8 34 | 0 39 | 20 24 | 1 0 | 10 1 | 9 33 | 16 26 | 16 24 | 4 9 |
| S 30 | 23 9 | 17 33 | 2 57 | 21 51 | 1 21 | 23 14 | 0 8 | 2 29 | 2 9 | 20 46 | 0 19 | 9 7 | 2 23 | 10 4 | 0 45 | 8 34 | 0 39 | 20 24 | 1 0 | 9 59 | 9 31 | 16 27 | 16 24 | 4 9 |
| S 31 | 23s 5 | 18s40 | 3n44 | 21s30 | 1s10 | 23s17 | 0n 6 | 2s39 | 2n 9 | 20s44 | 0s19 | 9s 8 | 2n24 | 10s 3 | 0s45 | 8n34 | 0n39 | 20n24 | 1s 0 | 9s56 | 9s30 | 16s28 | 16n24 | 4s 9 |

Julian Day Number = 2606376.5, Delta T = 09m48s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'01, Lahiri = 29°47'03


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## JANUARY 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 41 9 | 9♑57'18 | 25♐34 | 29♑32 | 0♑52 | 12♎12 | 28♑43 | 29♎53 | 5♓52 | 9°R32 | 23°R11 | 25°R34 | 24♎32 | 25♏18 | 1°R40 | M 1 |
| T 2 | 6 45 6 | 10°58'26 | 7♑46 | 0♒10 | 2° 7 | 12°39 | 28°57 | 29°57 | 5°55 | 9♍31 | 23♋10 | 25♎21 | 24°29 | 25°24 | 1♊38 | T 2 |
| W 3 | 6 49 2 | 11°59'34 | 20° 9 | 0°40 | 3°23 | 13° 6 | 29°11 | 0♏ 1 | 5°57 | 9°30 | 23° 9 | 25° 7 | 24°26 | 25°31 | 1°35 | W 3 |
| T 4 | 6 52 59 | 13° 0'42 | 2♒43 | 1° 1 | 4°38 | 13°32 | 29°25 | 0° 5 | 5°59 | 9°29 | 23° 8 | 24°53 | 24°22 | 25°38 | 1°33 | T 4 |
| F 5 | 6 56 55 | 14° 1'51 | 15°28 | 1°R11 | 5°54 | 13°58 | 29°39 | 0° 8 | 6° 2 | 9°29 | 23° 6 | 24°41 | 24°19 | 25°44 | 1°31 | F 5 |
| S 6 | 7 0 52 | 15° 2'59 | 28°24 | 1°11 | 7° 9 | 14°24 | 29°52 | 0°12 | 6° 4 | 9°28 | 23° 5 | 24°31 | 24°16 | 25°51 | 1°29 | S 6 |
| S 7 | 7 4 48 | 16° 4'08 | 11♓31 | 0°59 | 8°24 | 14°49 | 0♒ 6 | 0°15 | 6° 7 | 9°27 | 23° 4 | 24°24 | 24°13 | 25°58 | 1°27 | S 7 |
| M 8 | 7 8 45 | 17° 5'17 | 24°51 | 0°35 | 9°40 | 15°14 | 0°20 | 0°19 | 6° 9 | 9°26 | 23° 3 | 24°20 | 24°10 | 26° 4 | 1°25 | M 8 |
| T 9 | 7 12 41 | 18° 6'25 | 8♈23 | 29♑59 | 10°55 | 15°39 | 0°34 | 0°22 | 6°12 | 9°25 | 23° 1 | 24°19 | 24° 6 | 26°11 | 1°23 | T 9 |
| W10 | 7 16 38 | 19° 7'33 | 22°10 | 29°12 | 12°11 | 16° 4 | 0°48 | 0°25 | 6°14 | 9°24 | 23° 0 | 24°19 | 24° 3 | 26°18 | 1°21 | W10 |
| T 11 | 7 20 35 | 20° 8'41 | 6♉12 | 28°15 | 13°26 | 16°29 | 1° 2 | 0°28 | 6°17 | 9°23 | 22°59 | 24°18 | 24° 0 | 26°24 | 1°19 | T 11 |
| F 12 | 7 24 31 | 21° 9'48 | 20°30 | 27° 9 | 14°42 | 16°53 | 1°16 | 0°31 | 6°19 | 9°22 | 22°58 | 24°17 | 23°57 | 26°31 | 1°17 | F 12 |
| S 13 | 7 28 28 | 22°10'56 | 5♊ 1 | 25°55 | 15°57 | 17°17 | 1°30 | 0°34 | 6°22 | 9°21 | 22°56 | 24°13 | 23°54 | 26°38 | 1°15 | S 13 |
| S 14 | 7 32 24 | 23°12'03 | 19°42 | 24°37 | 17°13 | 17°40 | 1°44 | 0°37 | 6°25 | 9°20 | 22°55 | 24° 5 | 23°51 | 26°44 | 1°13 | S 14 |
| M15 | 7 36 21 | 24°13'09 | 4♋26 | 23°16 | 18°28 | 18° 4 | 1°58 | 0°40 | 6°28 | 9°19 | 22°54 | 23°56 | 23°47 | 26°51 | 1°12 | M15 |
| T 16 | 7 40 17 | 25°14'16 | 19° 6 | 21°56 | 19°44 | 18°27 | 2°12 | 0°42 | 6°30 | 9°18 | 22°53 | 23°44 | 23°44 | 26°58 | 1°10 | T 16 |
| W17 | 7 44 14 | 26°15'22 | 3♌34 | 20°39 | 20°59 | 18°49 | 2°26 | 0°45 | 6°33 | 9°17 | 22°51 | 23°31 | 23°41 | 27° 4 | 1° 9 | W17 |
| T 18 | 7 48 10 | 27°16'28 | 17°43 | 19°27 | 22°15 | 19°12 | 2°40 | 0°47 | 6°36 | 9°16 | 22°50 | 23°19 | 23°38 | 27°11 | 1° 7 | T 18 |
| F 19 | 7 52 7 | 28°17'34 | 1♍27 | 18°21 | 23°30 | 19°34 | 2°54 | 0°49 | 6°39 | 9°15 | 22°49 | 23° 9 | 23°35 | 27°18 | 1° 6 | F 19 |
| S 20 | 7 56 4 | 29°18'40 | 14°46 | 17°24 | 24°46 | 19°56 | 3° 8 | 0°52 | 6°42 | 9°14 | 22°48 | 23° 2 | 23°32 | 27°24 | 1° 4 | S 20 |
| S 21 | 8 0 0 | 0♒19'45 | 27°38 | 16°36 | 26° 1 | 20°17 | 3°22 | 0°54 | 6°45 | 9°13 | 22°46 | 22°57 | 23°28 | 27°31 | 1° 3 | S 21 |
| M22 | 8 3 57 | 1°20'50 | 10♎ 8 | 15°58 | 27°16 | 20°38 | 3°37 | 0°56 | 6°48 | 9°11 | 22°45 | 22°55 | 23°25 | 27°38 | 1° 2 | M22 |
| T 23 | 8 7 53 | 2°21'56 | 22°19 | 15°30 | 28°32 | 20°59 | 3°51 | 0°58 | 6°51 | 9°10 | 22°44 | 22°D54 | 23°22 | 27°44 | 1° 1 | T 23 |
| W24 | 8 11 50 | 3°23'01 | 4♏17 | 15°10 | 29°47 | 21°20 | 4° 5 | 0°59 | 6°54 | 9° 9 | 22°43 | 22°R54 | 23°19 | 27°51 | 1° 0 | W24 |
| T 25 | 8 15 46 | 4°24'06 | 16° 7 | 15° 1 | 1♒ 3 | 21°40 | 4°19 | 1° 1 | 6°57 | 9° 7 | 22°41 | 22°54 | 23°16 | 27°58 | 0°59 | T 25 |
| F 26 | 8 19 43 | 5°25'10 | 27°55 | 14°D59 | 2°18 | 21°59 | 4°33 | 1° 3 | 7° 0 | 9° 6 | 22°40 | 22°52 | 23°12 | 28° 4 | 0°58 | F 26 |
| S 27 | 8 23 39 | 6°26'15 | 9♐46 | 15° 6 | 3°34 | 22°19 | 4°47 | 1° 4 | 7° 3 | 9° 5 | 22°39 | 22°47 | 23° 9 | 28°11 | 0°57 | S 27 |
| S 28 | 8 27 36 | 7°27'19 | 21°44 | 15°21 | 4°49 | 22°38 | 5° 1 | 1° 6 | 7° 6 | 9° 3 | 22°38 | 22°40 | 23° 6 | 28°18 | 0°56 | S 28 |
| M29 | 8 31 33 | 8°28'22 | 3♑53 | 15°42 | 6° 5 | 22°56 | 5°15 | 1° 7 | 7° 9 | 9° 2 | 22°36 | 22°30 | 23° 3 | 28°24 | 0°55 | M29 |
| T 30 | 8 35 29 | 9°29'25 | 16°16 | 16°10 | 7°20 | 23°14 | 5°30 | 1° 8 | 7°12 | 9° 1 | 22°35 | 22°17 | 23° 0 | 28°31 | 0°55 | T 30 |
| W31 | 8 39 26 | 10♒30'28 | 28♑53 | 16♑43 | 8♒35 | 23♎32 | 5♒44 | 1♏ 9 | 7♓15 | 8♍59 | 22♋34 | 22♎ 4 | 22♎57 | 28♏38 | 0♊54 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23s 1 | 18s58 | 4n21 | 21s 9 | 0s58 | 23s20 | 0n 3 | 2s49 | 2n10 | 20s41 | 0s20 | 9s 9 | 2n24 | 10s 2 | 0s45 | 8n35 | 0n39 | 20n25 | 1s 0 | 9s52 | 9s29 | 16s29 | 16n23 | 4s 9 |
| T 2 | 22 56 | 18 23 | 4 47 | 20 48 | 0 45 | 23 21 | 0 1 | 2 59 | 2 11 | 20 38 | 0 20 | 9 11 | 2 24 | 10 1 | 0 45 | 8 35 | 0 39 | 20 25 | 1 0 | 9 47 | 9 28 | 16 30 | 16 23 | 4 8 |
| W 3 | 22 51 | 16 56 | 4 59 | 20 27 | 0 30 | 23 22 | 0s 2 | 3 8 | 2 11 | 20 36 | 0 20 | 9 12 | 2 24 | 10 0 | 0 45 | 8 35 | 0 39 | 20 25 | 1 0 | 9 42 | 9 27 | 16 30 | 16 22 | 4 8 |
| T 4 | 22 45 | 14 40 | 4 58 | 20 8 | 0 15 | 23 22 | 0 4 | 3 18 | 2 12 | 20 33 | 0 20 | 9 13 | 2 25 | 9 59 | 0 45 | 8 35 | 0 39 | 20 26 | 1 0 | 9 37 | 9 26 | 16 31 | 16 22 | 4 8 |
| F 5 | 22 39 | 11 40 | 4 41 | 19 49 | 0n 2 | 23 22 | 0 7 | 3 27 | 2 13 | 20 30 | 0 20 | 9 14 | 2 25 | 9 58 | 0 45 | 8 36 | 0 39 | 20 26 | 1 0 | 9 32 | 9 24 | 16 32 | 16 22 | 4 8 |
| S 6 | 22 32 | 8 5 | 4 10 | 19 32 | 0 19 | 23 20 | 0 9 | 3 36 | 2 14 | 20 27 | 0 20 | 9 15 | 2 25 | 9 58 | 0 45 | 8 36 | 0 39 | 20 26 | 0 59 | 9 29 | 9 23 | 16 33 | 16 21 | 4 8 |
| S 7 | 22 25 | 4 3 | 3 26 | 19 17 | 0 38 | 23 18 | 0 11 | 3 46 | 2 14 | 20 24 | 0 20 | 9 16 | 2 25 | 9 57 | 0 45 | 8 36 | 0 39 | 20 26 | 0 59 | 9 26 | 9 22 | 16 34 | 16 21 | 4 8 |
| M 8 | 22 18 | 0n14 | 2 29 | 19 3 | 0 57 | 23 16 | 0 14 | 3 55 | 2 15 | 20 21 | 0 20 | 9 17 | 2 26 | 9 56 | 0 45 | 8 37 | 0 39 | 20 27 | 0 59 | 9 25 | 9 21 | 16 35 | 16 21 | 4 8 |
| T 9 | 22 10 | 4 35 | 1 23 | 18 52 | 1 16 | 23 12 | 0 16 | 4 4 | 2 16 | 20 19 | 0 20 | 9 18 | 2 26 | 9 55 | 0 45 | 8 37 | 0 39 | 20 27 | 0 59 | 9 24 | 9 20 | 16 35 | 16 21 | 4 8 |
| W10 | 22 1 | 8 47 | 0 11 | 18 43 | 1 35 | 23 8 | 0 19 | 4 12 | 2 16 | 20 16 | 0 20 | 9 19 | 2 26 | 9 54 | 0 45 | 8 37 | 0 39 | 20 27 | 0 59 | 9 24 | 9 19 | 16 36 | 16 20 | 4 8 |
| T 11 | 21 52 | 12 34 | 1s 2 | 18 36 | 1 54 | 23 3 | 0 21 | 4 21 | 2 17 | 20 13 | 0 20 | 9 19 | 2 26 | 9 53 | 0 45 | 8 38 | 0 39 | 20 27 | 0 59 | 9 24 | 9 17 | 16 37 | 16 20 | 4 7 |
| F 12 | 21 43 | 15 41 | 2 14 | 18 31 | 2 12 | 22 58 | 0 23 | 4 30 | 2 18 | 20 10 | 0 20 | 9 20 | 2 27 | 9 52 | 0 45 | 8 38 | 0 39 | 20 28 | 0 59 | 9 23 | 9 16 | 16 38 | 16 20 | 4 7 |
| S 13 | 21 34 | 17 51 | 3 17 | 18 28 | 2 29 | 22 51 | 0 26 | 4 38 | 2 19 | 20 7 | 0 20 | 9 21 | 2 27 | 9 51 | 0 45 | 8 39 | 0 39 | 20 28 | 0 59 | 9 22 | 9 15 | 16 39 | 16 20 | 4 7 |
| S 14 | 21 24 | 18 51 | 4 8 | 18 28 | 2 44 | 22 44 | 0 28 | 4 46 | 2 19 | 20 4 | 0 21 | 9 22 | 2 27 | 9 50 | 0 45 | 8 39 | 0 39 | 20 28 | 0 59 | 9 19 | 9 14 | 16 39 | 16 19 | 4 7 |
| M15 | 21 13 | 18 35 | 4 43 | 18 29 | 2 56 | 22 37 | 0 30 | 4 54 | 2 20 | 20 1 | 0 21 | 9 22 | 2 27 | 9 49 | 0 45 | 8 39 | 0 39 | 20 28 | 0 59 | 9 16 | 9 13 | 16 40 | 16 19 | 4 7 |
| T 16 | 21 2 | 17 5 | 4 59 | 18 32 | 3 7 | 22 28 | 0 32 | 5 2 | 2 21 | 19 58 | 0 21 | 9 23 | 2 28 | 9 48 | 0 45 | 8 40 | 0 39 | 20 29 | 0 59 | 9 11 | 9 12 | 16 41 | 16 19 | 4 7 |
| W17 | 20 51 | 14 31 | 4 56 | 18 36 | 3 14 | 22 19 | 0 35 | 5 10 | 2 22 | 19 54 | 0 21 | 9 24 | 2 28 | 9 47 | 0 45 | 8 40 | 0 39 | 20 29 | 0 59 | 9 7 | 9 10 | 16 42 | 16 19 | 4 7 |
| T 18 | 20 39 | 11 8 | 4 34 | 18 41 | 3 19 | 22 9 | 0 37 | 5 18 | 2 22 | 19 51 | 0 21 | 9 24 | 2 28 | 9 45 | 0 45 | 8 41 | 0 39 | 20 29 | 0 59 | 9 2 | 9 9 | 16 42 | 16 19 | 4 6 |
| F 19 | 20 27 | 7 15 | 3 57 | 18 47 | 3 22 | 21 59 | 0 39 | 5 26 | 2 23 | 19 48 | 0 21 | 9 25 | 2 28 | 9 44 | 0 45 | 8 41 | 0 39 | 20 30 | 0 59 | 8 59 | 9 8 | 16 43 | 16 19 | 4 6 |
| S 20 | 20 15 | 3 6 | 3 7 | 18 54 | 3 23 | 21 48 | 0 41 | 5 33 | 2 24 | 19 45 | 0 21 | 9 25 | 2 29 | 9 43 | 0 45 | 8 42 | 0 39 | 20 30 | 0 59 | 8 56 | 9 7 | 16 44 | 16 18 | 4 6 |
| S 21 | 20 2 | 1s 3 | 2 10 | 19 2 | 3 21 | 21 36 | 0 43 | 5 40 | 2 25 | 19 42 | 0 21 | 9 26 | 2 29 | 9 42 | 0 44 | 8 42 | 0 39 | 20 30 | 0 59 | 8 54 | 9 6 | 16 45 | 16 18 | 4 6 |
| M22 | 19 49 | 5 2 | 1 7 | 19 10 | 3 17 | 21 24 | 0 45 | 5 48 | 2 25 | 19 39 | 0 21 | 9 26 | 2 29 | 9 41 | 0 44 | 8 43 | 0 39 | 20 30 | 0 59 | 8 53 | 9 5 | 16 46 | 16 18 | 4 6 |
| T 23 | 19 35 | 8 43 | 0 3 | 19 18 | 3 12 | 21 11 | 0 47 | 5 55 | 2 26 | 19 35 | 0 21 | 9 27 | 2 30 | 9 40 | 0 44 | 8 43 | 0 39 | 20 31 | 0 58 | 8 53 | 9 3 | 16 46 | 16 18 | 4 6 |
| W24 | 19 21 | 11 59 | 1n 0 | 19 27 | 3 6 | 20 57 | 0 49 | 6 2 | 2 27 | 19 32 | 0 21 | 9 27 | 2 30 | 9 39 | 0 44 | 8 44 | 0 39 | 20 31 | 0 58 | 8 53 | 9 2 | 16 47 | 16 18 | 4 6 |
| T 25 | 19 7 | 14 42 | 2 0 | 19 35 | 2 58 | 20 43 | 0 51 | 6 8 | 2 28 | 19 29 | 0 22 | 9 27 | 2 30 | 9 38 | 0 44 | 8 44 | 0 39 | 20 31 | 0 58 | 8 53 | 9 1 | 16 48 | 16 18 | 4 5 |
| F 26 | 18 52 | 16 49 | 2 54 | 19 44 | 2 50 | 20 28 | 0 53 | 6 15 | 2 29 | 19 26 | 0 22 | 9 28 | 2 30 | 9 37 | 0 44 | 8 45 | 0 39 | 20 31 | 0 58 | 8 52 | 9 0 | 16 49 | 16 18 | 4 5 |
| S 27 | 18 37 | 18 13 | 3 41 | 19 52 | 2 41 | 20 12 | 0 55 | 6 21 | 2 29 | 19 22 | 0 22 | 9 28 | 2 31 | 9 35 | 0 44 | 8 45 | 0 39 | 20 32 | 0 58 | 8 50 | 8 59 | 16 49 | 16 18 | 4 5 |
| S 28 | 18 22 | 18 49 | 4 19 | 20 0 | 2 31 | 19 56 | 0 57 | 6 28 | 2 30 | 19 19 | 0 22 | 9 28 | 2 31 | 9 34 | 0 44 | 8 46 | 0 39 | 20 32 | 0 58 | 8 48 | 8 57 | 16 50 | 16 18 | 4 5 |
| M29 | 18 6 | 18 34 | 4 46 | 20 8 | 2 21 | 19 39 | 0 58 | 6 34 | 2 31 | 19 16 | 0 22 | 9 28 | 2 31 | 9 33 | 0 44 | 8 46 | 0 39 | 20 32 | 0 58 | 8 44 | 8 56 | 16 51 | 16 18 | 4 5 |
| T 30 | 17 50 | 17 26 | 5 0 | 20 15 | 2 11 | 19 22 | 1 0 | 6 40 | 2 32 | 19 12 | 0 22 | 9 28 | 2 31 | 9 32 | 0 44 | 8 47 | 0 39 | 20 33 | 0 58 | 8 39 | 8 55 | 16 52 | 16 18 | 4 5 |
| W31 | 17s34 | 15s27 | 4n59 | 20s21 | 2n 0 | 19s 4 | 1s 2 | 6s45 | 2n32 | 19s 9 | 0s22 | 9s28 | 2n32 | 9s31 | 0s44 | 8n47 | 0n39 | 20n33 | 0s58 | 8s35 | 8s54 | 16s52 | 16n18 | 4s 4 |

Julian Day Number = 2606407.5, Delta T = 09m48s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'06, Lahiri = 29°47'07


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## FEBRUARY 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 43 22 | 11♒31'29 | 11♒46 | 17♉22 | 9♒51 | 23♎49 | 5♒58 | 1♏10 | 7♓18 | 8°R58 | 22°R33 | 21°R51 | 22♎53 | 28♏44 | 0°R53 | T 1 |
| F 2 | 8 47 19 | 12°32'30 | 24°52 | 18° 5 | 11° 6 | 24° 6 | 6°12 | 1°11 | 7°22 | 8♍56 | 22♋32 | 21♎40 | 22°50 | 28°51 | 0♊53 | F 2 |
| S 3 | 8 51 15 | 13°33'30 | 8♓11 | 18°52 | 12°22 | 24°23 | 6°26 | 1°11 | 7°25 | 8°55 | 22°30 | 21°30 | 22°47 | 28°58 | 0°53 | S 3 |
| S 4 | 8 55 12 | 14°34'29 | 21°40 | 19°44 | 13°37 | 24°38 | 6°40 | 1°12 | 7°28 | 8°53 | 22°29 | 21°24 | 22°44 | 29° 4 | 0°52 | S 4 |
| M 5 | 8 59 8 | 15°35'27 | 5♈18 | 20°39 | 14°53 | 24°54 | 6°54 | 1°13 | 7°31 | 8°52 | 22°28 | 21°20 | 22°41 | 29°11 | 0°52 | M 5 |
| T 6 | 9 3 5 | 16°36'24 | 19° 5 | 21°37 | 16° 8 | 25° 9 | 7° 8 | 1°13 | 7°35 | 8°50 | 22°27 | 21°D19 | 22°37 | 29°18 | 0°52 | T 6 |
| W 7 | 9 7 2 | 17°37'20 | 2♉58 | 22°38 | 17°23 | 25°23 | 7°22 | 1°13 | 7°38 | 8°49 | 22°26 | 21°19 | 22°34 | 29°25 | 0°52 | W 7 |
| T 8 | 9 10 58 | 18°38'14 | 16°59 | 23°41 | 18°39 | 25°37 | 7°36 | 1°13 | 7°41 | 8°47 | 22°25 | 21°R20 | 22°31 | 29°31 | 0°D52 | T 8 |
| F 9 | 9 14 55 | 19°39'08 | 1♊ 6 | 24°47 | 19°54 | 25°51 | 7°50 | 1°R14 | 7°45 | 8°46 | 22°24 | 21°19 | 22°28 | 29°38 | 0°52 | F 9 |
| S 10 | 9 18 51 | 20°39'59 | 15°19 | 25°55 | 21° 9 | 26° 4 | 8° 4 | 1°14 | 7°48 | 8°44 | 22°22 | 21°17 | 22°25 | 29°45 | 0°52 | S 10 |
| S 11 | 9 22 48 | 21°40'50 | 29°35 | 27° 5 | 22°25 | 26°17 | 8°18 | 1°13 | 7°51 | 8°43 | 22°21 | 21°12 | 22°22 | 29°51 | 0°52 | S 11 |
| M12 | 9 26 44 | 22°41'39 | 13♋51 | 28°17 | 23°40 | 26°28 | 8°32 | 1°13 | 7°55 | 8°41 | 22°20 | 21° 4 | 22°18 | 29°58 | 0°52 | M12 |
| T 13 | 9 30 41 | 23°42'27 | 28° 3 | 29°31 | 24°55 | 26°40 | 8°46 | 1°13 | 7°58 | 8°39 | 22°19 | 20°55 | 22°15 | 0♐ 5 | 0°52 | T 13 |
| W14 | 9 34 37 | 24°43'13 | 12♌ 5 | 0♒47 | 26°11 | 26°51 | 9° 0 | 1°12 | 8° 1 | 8°38 | 22°18 | 20°45 | 22°12 | 0°11 | 0°53 | W14 |
| T 15 | 9 38 34 | 25°43'58 | 25°53 | 2° 4 | 27°26 | 27° 1 | 9°14 | 1°12 | 8° 5 | 8°36 | 22°17 | 20°36 | 22° 9 | 0°18 | 0°53 | T 15 |
| F 16 | 9 42 31 | 26°44'42 | 9♍23 | 3°22 | 28°41 | 27°11 | 9°28 | 1°11 | 8° 8 | 8°35 | 22°16 | 20°28 | 22° 6 | 0°25 | 0°54 | F 16 |
| S 17 | 9 46 27 | 27°45'25 | 22°32 | 4°42 | 29°56 | 27°20 | 9°41 | 1°10 | 8°12 | 8°33 | 22°15 | 20°22 | 22° 3 | 0°31 | 0°54 | S 17 |
| S 18 | 9 50 24 | 28°46'06 | 5♎21 | 6° 3 | 1♓12 | 27°29 | 9°55 | 1°10 | 8°15 | 8°31 | 22°14 | 20°19 | 21°59 | 0°38 | 0°55 | S 18 |
| M19 | 9 54 20 | 29°46'47 | 17°50 | 7°25 | 2°27 | 27°37 | 10° 9 | 1° 9 | 8°18 | 8°30 | 22°13 | 20°D17 | 21°56 | 0°45 | 0°56 | M19 |
| T 20 | 9 58 17 | 0♓47'26 | 0♏ 3 | 8°48 | 3°42 | 27°44 | 10°23 | 1° 8 | 8°22 | 8°28 | 22°12 | 20°18 | 21°53 | 0°51 | 0°56 | T 20 |
| W21 | 10 2 13 | 1°48'04 | 12° 3 | 10°13 | 4°57 | 27°51 | 10°36 | 1° 6 | 8°25 | 8°26 | 22°11 | 20°19 | 21°50 | 0°58 | 0°57 | W21 |
| T 22 | 10 6 10 | 2°48'41 | 23°55 | 11°39 | 6°12 | 27°57 | 10°50 | 1° 5 | 8°29 | 8°25 | 22°10 | 20°20 | 21°47 | 1° 5 | 0°58 | T 22 |
| F 23 | 10 10 6 | 3°49'17 | 5♐44 | 13° 5 | 7°28 | 28° 2 | 11° 4 | 1° 4 | 8°32 | 8°23 | 22° 9 | 20°R21 | 21°43 | 1°11 | 0°59 | F 23 |
| S 24 | 10 14 3 | 4°49'52 | 17°36 | 14°33 | 8°43 | 28° 7 | 11°17 | 1° 2 | 8°36 | 8°21 | 22° 8 | 20°20 | 21°40 | 1°18 | 1° 0 | S 24 |
| S 25 | 10 18 0 | 5°50'25 | 29°36 | 16° 2 | 9°58 | 28°11 | 11°31 | 1° 1 | 8°39 | 8°20 | 22° 8 | 20°17 | 21°37 | 1°25 | 1° 1 | S 25 |
| M26 | 10 21 56 | 6°50'58 | 11♑48 | 17°32 | 11°13 | 28°14 | 11°44 | 0°59 | 8°43 | 8°18 | 22° 7 | 20°12 | 21°34 | 1°31 | 1° 3 | M26 |
| T 27 | 10 25 53 | 7°51'29 | 24°16 | 19° 2 | 12°28 | 28°17 | 11°58 | 0°57 | 8°46 | 8°16 | 22° 6 | 20° 5 | 21°31 | 1°38 | 1° 4 | T 27 |
| W28 | 10 29 49 | 8°51'58 | 7♒ 3 | 20°34 | 13°43 | 28°19 | 12°11 | 0°55 | 8°49 | 8°15 | 22° 5 | 19°58 | 21°28 | 1°45 | 1° 5 | W28 |
| T 29 | 10 33 46 | 9♓52'26 | 20♒ 8 | 22♒ 7 | 14♓58 | 28♎20 | 12♒24 | 0♏53 | 8♓53 | 8♍13 | 22♋ 4 | 19♎51 | 21♎24 | 1♐51 | 1♊ 7 | T 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s17 | 12s40 | 4n44 | 20s27 | 1n49 | 18s46 | 1s 4 | 6s51 | 2n33 | 19s 6 | 0s22 | 9s28 | 2n32 | 9s30 | 0s44 | 8n48 | 0n39 | 20n33 | 0s58 | 8s30 | 8s53 | 16s53 | 16n18 | 4s 4 |
| F 2 | 17 0 | 9 13 | 4 13 | 20 32 | 1 39 | 18 27 | 1 5 | 6 56 | 2 34 | 19 2 | 0 22 | 9 29 | 2 32 | 9 28 | 0 44 | 8 49 | 0 39 | 20 33 | 0 58 | 8 25 | 8 52 | 16 54 | 16 18 | 4 4 |
| S 3 | 16 43 | 5 16 | 3 28 | 20 36 | 1 28 | 18 7 | 1 7 | 7 2 | 2 35 | 18 59 | 0 22 | 9 29 | 2 33 | 9 27 | 0 44 | 8 49 | 0 39 | 20 34 | 0 58 | 8 22 | 8 50 | 16 54 | 16 18 | 4 4 |
| S 4 | 16 25 | 0 59 | 2 31 | 20 39 | 1 18 | 17 47 | 1 8 | 7 7 | 2 35 | 18 55 | 0 22 | 9 28 | 2 33 | 9 26 | 0 44 | 8 50 | 0 39 | 20 34 | 0 58 | 8 19 | 8 49 | 16 55 | 16 18 | 4 4 |
| M 5 | 16 7 | 3n24 | 1 24 | 20 42 | 1 7 | 17 27 | 1 10 | 7 12 | 2 36 | 18 52 | 0 23 | 9 28 | 2 33 | 9 25 | 0 44 | 8 50 | 0 39 | 20 34 | 0 58 | 8 18 | 8 48 | 16 56 | 16 19 | 4 4 |
| T 6 | 15 49 | 7 38 | 0 12 | 20 43 | 0 57 | 17 6 | 1 11 | 7 16 | 2 37 | 18 49 | 0 23 | 9 28 | 2 33 | 9 23 | 0 44 | 8 51 | 0 40 | 20 34 | 0 57 | 8 18 | 8 47 | 16 57 | 16 19 | 4 3 |
| W 7 | 15 31 | 11 30 | 1s 2 | 20 43 | 0 47 | 16 44 | 1 12 | 7 21 | 2 38 | 18 45 | 0 23 | 9 28 | 2 34 | 9 22 | 0 44 | 8 51 | 0 40 | 20 35 | 0 57 | 8 18 | 8 46 | 16 57 | 16 19 | 4 3 |
| T 8 | 15 12 | 14 45 | 2 13 | 20 42 | 0 37 | 16 22 | 1 14 | 7 25 | 2 38 | 18 42 | 0 23 | 9 28 | 2 34 | 9 21 | 0 44 | 8 52 | 0 40 | 20 35 | 0 57 | 8 18 | 8 45 | 16 58 | 16 19 | 4 3 |
| F 9 | 14 53 | 17 8 | 3 16 | 20 40 | 0 27 | 16 0 | 1 15 | 7 29 | 2 39 | 18 38 | 0 23 | 9 28 | 2 34 | 9 20 | 0 44 | 8 53 | 0 40 | 20 35 | 0 57 | 8 18 | 8 43 | 16 59 | 16 19 | 4 3 |
| S 10 | 14 34 | 18 29 | 4 7 | 20 37 | 0 18 | 15 37 | 1 16 | 7 33 | 2 40 | 18 35 | 0 23 | 9 27 | 2 34 | 9 18 | 0 44 | 8 53 | 0 40 | 20 35 | 0 57 | 8 17 | 8 42 | 17 0 | 16 19 | 4 3 |
| S 11 | 14 15 | 18 39 | 4 44 | 20 33 | 0 8 | 15 14 | 1 17 | 7 37 | 2 41 | 18 31 | 0 23 | 9 27 | 2 35 | 9 17 | 0 44 | 8 54 | 0 40 | 20 36 | 0 57 | 8 15 | 8 41 | 17 0 | 16 20 | 4 2 |
| M12 | 13 55 | 17 39 | 5 2 | 20 28 | 0s 1 | 14 50 | 1 18 | 7 41 | 2 41 | 18 28 | 0 23 | 9 27 | 2 35 | 9 16 | 0 44 | 8 54 | 0 40 | 20 36 | 0 57 | 8 12 | 8 40 | 17 1 | 16 20 | 4 2 |
| T 13 | 13 35 | 15 34 | 5 2 | 20 21 | 0 10 | 14 26 | 1 19 | 7 44 | 2 42 | 18 24 | 0 23 | 9 26 | 2 35 | 9 15 | 0 44 | 8 55 | 0 40 | 20 36 | 0 57 | 8 9 | 8 39 | 17 2 | 16 20 | 4 2 |
| W14 | 13 15 | 12 35 | 4 44 | 20 14 | 0 18 | 14 1 | 1 20 | 7 47 | 2 43 | 18 21 | 0 23 | 9 26 | 2 35 | 9 13 | 0 44 | 8 56 | 0 40 | 20 36 | 0 57 | 8 5 | 8 37 | 17 2 | 16 20 | 4 2 |
| T 15 | 12 55 | 8 56 | 4 10 | 20 5 | 0 26 | 13 36 | 1 21 | 7 50 | 2 44 | 18 17 | 0 24 | 9 26 | 2 36 | 9 12 | 0 44 | 8 56 | 0 40 | 20 37 | 0 57 | 8 2 | 8 36 | 17 3 | 16 21 | 4 2 |
| F 16 | 12 34 | 4 55 | 3 21 | 19 55 | 0 34 | 13 11 | 1 22 | 7 53 | 2 44 | 18 13 | 0 24 | 9 25 | 2 36 | 9 11 | 0 44 | 8 57 | 0 40 | 20 37 | 0 57 | 7 59 | 8 35 | 17 4 | 16 21 | 4 1 |
| S 17 | 12 13 | 0 45 | 2 24 | 19 44 | 0 42 | 12 45 | 1 23 | 7 56 | 2 45 | 18 10 | 0 24 | 9 25 | 2 36 | 9 10 | 0 44 | 8 58 | 0 40 | 20 37 | 0 57 | 7 56 | 8 34 | 17 4 | 16 21 | 4 1 |
| S 18 | 11 52 | 3s20 | 1 20 | 19 31 | 0 50 | 12 19 | 1 23 | 7 58 | 2 46 | 18 6 | 0 24 | 9 24 | 2 37 | 9 8 | 0 44 | 8 58 | 0 40 | 20 37 | 0 57 | 7 55 | 8 33 | 17 5 | 16 21 | 4 1 |
| M19 | 11 31 | 7 11 | 0 13 | 19 17 | 0 57 | 11 53 | 1 24 | 8 0 | 2 46 | 18 3 | 0 24 | 9 24 | 2 37 | 9 7 | 0 44 | 8 59 | 0 40 | 20 38 | 0 57 | 7 55 | 8 32 | 17 6 | 16 22 | 4 1 |
| T 20 | 11 10 | 10 38 | 0n52 | 19 2 | 1 4 | 11 26 | 1 25 | 8 2 | 2 47 | 17 59 | 0 24 | 9 23 | 2 37 | 9 6 | 0 44 | 8 59 | 0 40 | 20 38 | 0 56 | 7 55 | 8 30 | 17 6 | 16 22 | 4 1 |
| W21 | 10 49 | 13 35 | 1 55 | 18 46 | 1 10 | 10 59 | 1 25 | 8 4 | 2 48 | 17 55 | 0 24 | 9 22 | 2 37 | 9 4 | 0 44 | 9 0 | 0 40 | 20 38 | 0 56 | 7 55 | 8 29 | 17 7 | 16 22 | 4 1 |
| T 22 | 10 27 | 15 56 | 2 52 | 18 29 | 1 17 | 10 32 | 1 25 | 8 6 | 2 48 | 17 52 | 0 24 | 9 22 | 2 38 | 9 3 | 0 44 | 9 1 | 0 40 | 20 38 | 0 56 | 7 56 | 8 28 | 17 8 | 16 23 | 4 0 |
| F 23 | 10 5 | 17 35 | 3 41 | 18 10 | 1 23 | 10 5 | 1 26 | 8 7 | 2 49 | 17 48 | 0 24 | 9 21 | 2 38 | 9 2 | 0 44 | 9 1 | 0 40 | 20 38 | 0 56 | 7 56 | 8 27 | 17 8 | 16 23 | 4 0 |
| S 24 | 9 43 | 18 29 | 4 21 | 17 50 | 1 28 | 9 37 | 1 26 | 8 8 | 2 50 | 17 45 | 0 25 | 9 20 | 2 38 | 9 1 | 0 44 | 9 2 | 0 40 | 20 39 | 0 56 | 7 55 | 8 26 | 17 9 | 16 24 | 4 0 |
| S 25 | 9 21 | 18 33 | 4 50 | 17 29 | 1 33 | 9 9 | 1 26 | 8 9 | 2 50 | 17 41 | 0 25 | 9 19 | 2 38 | 8 59 | 0 44 | 9 3 | 0 40 | 20 39 | 0 56 | 7 54 | 8 24 | 17 10 | 16 24 | 4 0 |
| M26 | 8 59 | 17 47 | 5 6 | 17 6 | 1 38 | 8 41 | 1 27 | 8 10 | 2 51 | 17 37 | 0 25 | 9 19 | 2 39 | 8 58 | 0 44 | 9 3 | 0 40 | 20 39 | 0 56 | 7 53 | 8 23 | 17 10 | 16 24 | 4 0 |
| T 27 | 8 36 | 16 9 | 5 8 | 16 43 | 1 43 | 8 12 | 1 27 | 8 10 | 2 52 | 17 34 | 0 25 | 9 18 | 2 39 | 8 57 | 0 44 | 9 4 | 0 40 | 20 39 | 0 56 | 7 50 | 8 22 | 17 11 | 16 25 | 3 59 |
| W28 | 8 14 | 13 41 | 4 56 | 16 18 | 1 47 | 7 43 | 1 27 | 8 10 | 2 52 | 17 30 | 0 25 | 9 17 | 2 39 | 8 55 | 0 44 | 9 5 | 0 40 | 20 39 | 0 56 | 7 47 | 8 21 | 17 12 | 16 25 | 3 59 |
| T 29 | 7s51 | 10s30 | 4n28 | 15s52 | 1s51 | 7s14 | 1s27 | 8s10 | 2n53 | 17s27 | 0s25 | 9s16 | 2n39 | 8s54 | 0s44 | 9n 5 | 0n40 | 20n40 | 0s56 | 7s45 | 8s20 | 17s12 | 16n26 | 3s59 |

Julian Day Number = 2606438.5, Delta T = 09m49s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'10, Lahiri = 29°47'11


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## MARCH 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 37 42 | 10♓52'53 | 3♓33 | 23♒41 | 16♓14 | 28°R21 | 12♒38 | 0°R51 | 8♓56 | 8°R11 | 22°R 3 | 19°R44 | 21♎21 | 1♐58 | 1♊ 8 | F 1 |
| S 2 | 10 41 39 | 11°53'18 | 17°15 | 25°15 | 17°29 | 28♎20 | 12°51 | 0♏49 | 9° 0 | 8♍10 | 22♋ 3 | 19♎39 | 21°18 | 2° 5 | 1°10 | S 2 |
| S 3 | 10 45 35 | 12°53'42 | 1♈10 | 26°51 | 18°44 | 28°19 | 13° 4 | 0°47 | 9° 3 | 8° 8 | 22° 2 | 19°36 | 21°15 | 2°11 | 1°11 | S 3 |
| M 4 | 10 49 32 | 13°54'03 | 15°16 | 28°27 | 19°59 | 28°18 | 13°17 | 0°44 | 9° 7 | 8° 6 | 22° 1 | 19°D34 | 21°12 | 2°18 | 1°13 | M 4 |
| T 5 | 10 53 28 | 14°54'23 | 29°27 | 0♓ 5 | 21°14 | 28°15 | 13°31 | 0°42 | 9°10 | 8° 5 | 22° 1 | 19°34 | 21° 9 | 2°25 | 1°14 | T 5 |
| W 6 | 10 57 25 | 15°54'41 | 13♉42 | 1°44 | 22°29 | 28°12 | 13°44 | 0°39 | 9°14 | 8° 3 | 22° 0 | 19°36 | 21° 5 | 2°31 | 1°16 | W 6 |
| T 7 | 11 1 22 | 16°54'57 | 27°56 | 3°23 | 23°44 | 28° 8 | 13°57 | 0°37 | 9°17 | 8° 1 | 21°59 | 19°37 | 21° 2 | 2°38 | 1°18 | T 7 |
| F 8 | 11 5 18 | 17°55'11 | 12♊ 8 | 5° 4 | 24°59 | 28° 3 | 14°10 | 0°34 | 9°20 | 8° 0 | 21°59 | 19°R38 | 20°59 | 2°45 | 1°20 | F 8 |
| S 9 | 11 9 15 | 18°55'23 | 26°15 | 6°46 | 26°14 | 27°58 | 14°22 | 0°31 | 9°24 | 7°58 | 21°58 | 19°38 | 20°56 | 2°51 | 1°22 | S 9 |
| S 10 | 11 13 11 | 19°55'33 | 10♋17 | 8°28 | 27°29 | 27°51 | 14°35 | 0°28 | 9°27 | 7°56 | 21°57 | 19°37 | 20°53 | 2°58 | 1°24 | S 10 |
| M11 | 11 17 8 | 20°55'40 | 24°11 | 10°12 | 28°43 | 27°44 | 14°48 | 0°25 | 9°31 | 7°55 | 21°57 | 19°34 | 20°49 | 3° 5 | 1°26 | M11 |
| T 12 | 11 21 4 | 21°55'46 | 7♌55 | 11°57 | 29°58 | 27°36 | 15° 1 | 0°22 | 9°34 | 7°53 | 21°56 | 19°30 | 20°46 | 3°11 | 1°28 | T 12 |
| W13 | 11 25 1 | 22°55'49 | 21°29 | 13°43 | 1♈13 | 27°28 | 15°13 | 0°19 | 9°37 | 7°51 | 21°56 | 19°26 | 20°43 | 3°18 | 1°30 | W13 |
| T 14 | 11 28 57 | 23°55'51 | 4♍50 | 15°30 | 2°28 | 27°18 | 15°26 | 0°16 | 9°41 | 7°50 | 21°55 | 19°22 | 20°40 | 3°25 | 1°33 | T 14 |
| F 15 | 11 32 54 | 24°55'50 | 17°56 | 17°18 | 3°43 | 27° 8 | 15°39 | 0°13 | 9°44 | 7°48 | 21°55 | 19°18 | 20°37 | 3°32 | 1°35 | F 15 |
| S 16 | 11 36 51 | 25°55'48 | 0♎47 | 19° 7 | 4°58 | 26°57 | 15°51 | 0° 9 | 9°48 | 7°47 | 21°54 | 19°16 | 20°34 | 3°38 | 1°37 | S 16 |
| S 17 | 11 40 47 | 26°55'44 | 13°23 | 20°58 | 6°12 | 26°46 | 16° 3 | 0° 6 | 9°51 | 7°45 | 21°54 | 19°D15 | 20°30 | 3°45 | 1°40 | S 17 |
| M18 | 11 44 44 | 27°55'38 | 25°45 | 22°49 | 7°27 | 26°33 | 16°16 | 0° 3 | 9°54 | 7°43 | 21°53 | 19°15 | 20°27 | 3°52 | 1°42 | M18 |
| T 19 | 11 48 40 | 28°55'30 | 7♏54 | 24°42 | 8°42 | 26°20 | 16°28 | 29♎59 | 9°58 | 7°42 | 21°53 | 19°16 | 20°24 | 3°58 | 1°45 | T 19 |
| W20 | 11 52 37 | 29°55'21 | 19°53 | 26°36 | 9°56 | 26° 6 | 16°40 | 29°55 | 10° 1 | 7°40 | 21°53 | 19°17 | 20°21 | 4° 5 | 1°47 | W20 |
| T 21 | 11 56 33 | 0♈55'09 | 1♐45 | 28°30 | 11°11 | 25°51 | 16°52 | 29°52 | 10° 4 | 7°39 | 21°52 | 19°19 | 20°18 | 4°12 | 1°50 | T 21 |
| F 22 | 12 0 30 | 1°54'57 | 13°36 | 0♈26 | 12°26 | 25°36 | 17° 4 | 29°48 | 10° 7 | 7°37 | 21°52 | 19°20 | 20°14 | 4°18 | 1°53 | F 22 |
| S 23 | 12 4 26 | 2°54'42 | 25°28 | 2°23 | 13°40 | 25°20 | 17°16 | 29°44 | 10°11 | 7°36 | 21°52 | 19°21 | 20°11 | 4°25 | 1°56 | S 23 |
| S 24 | 12 8 23 | 3°54'26 | 7♑28 | 4°21 | 14°55 | 25° 3 | 17°28 | 29°40 | 10°14 | 7°34 | 21°51 | 19°R21 | 20° 8 | 4°32 | 1°58 | S 24 |
| M25 | 12 12 20 | 4°54'08 | 19°39 | 6°20 | 16°10 | 24°46 | 17°40 | 29°36 | 10°17 | 7°33 | 21°51 | 19°21 | 20° 5 | 4°38 | 2° 1 | M25 |
| T 26 | 12 16 16 | 5°53'48 | 2♒ 7 | 8°19 | 17°24 | 24°28 | 17°52 | 29°32 | 10°20 | 7°31 | 21°51 | 19°20 | 20° 2 | 4°45 | 2° 4 | T 26 |
| W27 | 12 20 13 | 6°53'27 | 14°54 | 10°19 | 18°39 | 24°10 | 18° 3 | 29°28 | 10°24 | 7°30 | 21°51 | 19°18 | 19°59 | 4°52 | 2° 7 | W27 |
| T 28 | 12 24 9 | 7°53'03 | 28° 4 | 12°20 | 19°53 | 23°50 | 18°15 | 29°24 | 10°27 | 7°29 | 21°50 | 19°16 | 19°55 | 4°58 | 2°10 | T 28 |
| F 29 | 12 28 6 | 8°52'38 | 11♓37 | 14°21 | 21° 8 | 23°31 | 18°26 | 29°20 | 10°30 | 7°27 | 21°50 | 19°15 | 19°52 | 5° 5 | 2°13 | F 29 |
| S 30 | 12 32 2 | 9°52'11 | 25°33 | 16°22 | 22°22 | 23°11 | 18°38 | 29°16 | 10°33 | 7°26 | 21°50 | 19°14 | 19°49 | 5°12 | 2°16 | S 30 |
| S 31 | 12 35 59 | 10♈51'43 | 9♈49 | 18♈23 | 23♈37 | 22♎50 | 18♒49 | 29♎11 | 10♓36 | 7♍25 | 21♋50 | 19♎13 | 19♎46 | 5♐18 | 2♊19 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 7s28 | 6s42 | 3n44 | 15s24 | 1s55 | 6s45 | 1s27 | 8s10 | 2n53 | 17s23 | 0s25 | 9s15 | 2n39 | 8s53 | 0s44 | 9n 6 | 0n40 | 20n40 | 0s56 | 7s42 | 8s19 | 17s13 | 16n26 | 3s59 | F 1 |
| S 2 | 7 5 | 2 28 | 2 47 | 14 56 | 1 58 | 6 16 | 1 27 | 8 9 | 2 54 | 17 19 | 0 25 | 9 14 | 2 40 | 8 52 | 0 44 | 9 6 | 0 40 | 20 40 | 0 56 | 7 40 | 8 17 | 17 14 | 16 27 | 3 59 | S 2 |
| S 3 | 6 42 | 1n58 | 1 39 | 14 26 | 2 1 | 5 47 | 1 26 | 8 8 | 2 54 | 17 16 | 0 26 | 9 13 | 2 40 | 8 50 | 0 44 | 9 7 | 0 40 | 20 40 | 0 56 | 7 39 | 8 16 | 17 14 | 16 27 | 3 59 | S 3 |
| M 4 | 6 19 | 6 21 | 0 24 | 13 55 | 2 4 | 5 17 | 1 26 | 8 7 | 2 54 | 17 12 | 0 26 | 9 12 | 2 40 | 8 49 | 0 44 | 9 8 | 0 40 | 20 40 | 0 55 | 7 38 | 8 15 | 17 15 | 16 28 | 3 58 | M 4 |
| T 5 | 5 56 | 10 25 | 0s54 | 13 23 | 2 6 | 4 47 | 1 26 | 8 6 | 2 55 | 17 8 | 0 26 | 9 11 | 2 40 | 8 48 | 0 44 | 9 8 | 0 40 | 20 41 | 0 55 | 7 38 | 8 14 | 17 16 | 16 28 | 3 58 | T 5 |
| W 6 | 5 33 | 13 52 | 2 8 | 12 49 | 2 8 | 4 17 | 1 26 | 8 5 | 2 55 | 17 5 | 0 26 | 9 10 | 2 41 | 8 46 | 0 44 | 9 9 | 0 40 | 20 41 | 0 55 | 7 39 | 8 13 | 17 16 | 16 29 | 3 58 | W 6 |
| T 7 | 5 9 | 16 30 | 3 14 | 12 15 | 2 9 | 3 47 | 1 25 | 8 3 | 2 56 | 17 1 | 0 26 | 9 9 | 2 41 | 8 45 | 0 44 | 9 10 | 0 40 | 20 41 | 0 55 | 7 39 | 8 11 | 17 17 | 16 29 | 3 58 | T 7 |
| F 8 | 4 46 | 18 5 | 4 9 | 11 39 | 2 10 | 3 17 | 1 25 | 8 1 | 2 56 | 16 58 | 0 26 | 9 8 | 2 41 | 8 44 | 0 44 | 9 10 | 0 40 | 20 41 | 0 55 | 7 40 | 8 10 | 17 17 | 16 30 | 3 58 | F 8 |
| S 9 | 4 22 | 18 32 | 4 48 | 11 2 | 2 11 | 2 47 | 1 24 | 7 59 | 2 56 | 16 54 | 0 26 | 9 6 | 2 41 | 8 43 | 0 44 | 9 11 | 0 40 | 20 41 | 0 55 | 7 40 | 8 9 | 17 18 | 16 30 | 3 58 | S 9 |
| S 10 | 3 59 | 17 51 | 5 9 | 10 24 | 2 11 | 2 17 | 1 23 | 7 56 | 2 56 | 16 50 | 0 26 | 9 5 | 2 41 | 8 41 | 0 44 | 9 11 | 0 40 | 20 42 | 0 55 | 7 39 | 8 8 | 17 19 | 16 31 | 3 57 | S 10 |
| M11 | 3 35 | 16 6 | 5 12 | 9 44 | 2 10 | 1 46 | 1 23 | 7 54 | 2 56 | 16 47 | 0 27 | 9 4 | 2 42 | 8 40 | 0 44 | 9 12 | 0 40 | 20 42 | 0 55 | 7 38 | 8 7 | 17 19 | 16 31 | 3 57 | M11 |
| T 12 | 3 12 | 13 27 | 4 57 | 9 4 | 2 10 | 1 16 | 1 22 | 7 51 | 2 57 | 16 43 | 0 27 | 9 3 | 2 42 | 8 39 | 0 44 | 9 13 | 0 40 | 20 42 | 0 55 | 7 37 | 8 5 | 17 20 | 16 32 | 3 57 | T 12 |
| W13 | 2 48 | 10 6 | 4 26 | 8 22 | 2 8 | 0 45 | 1 21 | 7 48 | 2 57 | 16 40 | 0 27 | 9 2 | 2 42 | 8 37 | 0 44 | 9 13 | 0 40 | 20 42 | 0 55 | 7 35 | 8 4 | 17 20 | 16 33 | 3 57 | W13 |
| T 14 | 2 24 | 6 18 | 3 40 | 7 39 | 2 7 | 0 15 | 1 20 | 7 44 | 2 57 | 16 36 | 0 27 | 9 0 | 2 42 | 8 36 | 0 44 | 9 14 | 0 40 | 20 42 | 0 55 | 7 34 | 8 3 | 17 21 | 16 33 | 3 57 | T 14 |
| F 15 | 2 1 | 2 15 | 2 44 | 6 55 | 2 5 | 0n16 | 1 19 | 7 41 | 2 57 | 16 32 | 0 27 | 8 59 | 2 42 | 8 35 | 0 44 | 9 14 | 0 40 | 20 42 | 0 55 | 7 32 | 8 2 | 17 22 | 16 34 | 3 57 | F 15 |
| S 16 | 1 37 | 1s50 | 1 40 | 6 10 | 2 2 | 0 46 | 1 18 | 7 37 | 2 57 | 16 29 | 0 27 | 8 58 | 2 43 | 8 34 | 0 44 | 9 15 | 0 40 | 20 43 | 0 54 | 7 31 | 8 1 | 17 22 | 16 34 | 3 56 | S 16 |
| S 17 | 1 13 | 5 46 | 0 32 | 5 24 | 1 59 | 1 17 | 1 17 | 7 33 | 2 57 | 16 25 | 0 27 | 8 56 | 2 43 | 8 32 | 0 44 | 9 16 | 0 40 | 20 43 | 0 54 | 7 31 | 7 59 | 17 23 | 16 35 | 3 56 | S 17 |
| M18 | 0 49 | 9 22 | 0n36 | 4 36 | 1 55 | 1 47 | 1 16 | 7 28 | 2 56 | 16 22 | 0 28 | 8 55 | 2 43 | 8 31 | 0 44 | 9 16 | 0 40 | 20 43 | 0 54 | 7 31 | 7 58 | 17 23 | 16 36 | 3 56 | M18 |
| T 19 | 0 26 | 12 31 | 1 41 | 3 48 | 1 51 | 2 18 | 1 15 | 7 24 | 2 56 | 16 18 | 0 28 | 8 54 | 2 43 | 8 30 | 0 44 | 9 17 | 0 40 | 20 43 | 0 54 | 7 31 | 7 57 | 17 24 | 16 36 | 3 56 | T 19 |
| W20 | 0 2 | 15 5 | 2 41 | 2 59 | 1 46 | 2 48 | 1 14 | 7 19 | 2 56 | 16 15 | 0 28 | 8 52 | 2 43 | 8 29 | 0 44 | 9 17 | 0 40 | 20 43 | 0 54 | 7 32 | 7 56 | 17 25 | 16 37 | 3 56 | W20 |
| T 21 | 0n22 | 16 58 | 3 34 | 2 8 | 1 41 | 3 18 | 1 12 | 7 14 | 2 56 | 16 11 | 0 28 | 8 51 | 2 43 | 8 27 | 0 44 | 9 18 | 0 40 | 20 43 | 0 54 | 7 33 | 7 55 | 17 25 | 16 38 | 3 56 | T 21 |
| F 22 | 0 46 | 18 7 | 4 17 | 1 17 | 1 35 | 3 49 | 1 11 | 7 9 | 2 55 | 16 8 | 0 28 | 8 49 | 2 44 | 8 26 | 0 44 | 9 19 | 0 40 | 20 43 | 0 54 | 7 33 | 7 54 | 17 26 | 16 38 | 3 56 | F 22 |
| S 23 | 1 9 | 18 29 | 4 50 | 0 25 | 1 29 | 4 19 | 1 9 | 7 4 | 2 55 | 16 4 | 0 28 | 8 48 | 2 44 | 8 25 | 0 44 | 9 19 | 0 40 | 20 44 | 0 54 | 7 33 | 7 52 | 17 26 | 16 39 | 3 55 | S 23 |
| S 24 | 1 33 | 18 1 | 5 10 | 0n28 | 1 22 | 4 49 | 1 8 | 6 58 | 2 54 | 16 1 | 0 28 | 8 46 | 2 44 | 8 24 | 0 44 | 9 20 | 0 40 | 20 44 | 0 54 | 7 33 | 7 51 | 17 27 | 16 40 | 3 55 | S 24 |
| M25 | 1 57 | 16 43 | 5 17 | 1 22 | 1 15 | 5 19 | 1 6 | 6 52 | 2 54 | 15 57 | 0 29 | 8 45 | 2 44 | 8 23 | 0 44 | 9 20 | 0 40 | 20 44 | 0 54 | 7 33 | 7 50 | 17 28 | 16 40 | 3 55 | M25 |
| T 26 | 2 20 | 14 37 | 5 9 | 2 16 | 1 7 | 5 49 | 1 5 | 6 47 | 2 53 | 15 54 | 0 29 | 8 43 | 2 44 | 8 21 | 0 44 | 9 21 | 0 40 | 20 44 | 0 54 | 7 33 | 7 49 | 17 28 | 16 41 | 3 55 | T 26 |
| W27 | 2 44 | 11 46 | 4 46 | 3 11 | 0 59 | 6 19 | 1 3 | 6 40 | 2 52 | 15 50 | 0 29 | 8 42 | 2 44 | 8 20 | 0 44 | 9 21 | 0 40 | 20 44 | 0 54 | 7 32 | 7 48 | 17 29 | 16 42 | 3 55 | W27 |
| T 28 | 3 7 | 8 15 | 4 7 | 4 6 | 0 50 | 6 49 | 1 2 | 6 34 | 2 51 | 15 47 | 0 29 | 8 40 | 2 44 | 8 19 | 0 44 | 9 22 | 0 40 | 20 44 | 0 53 | 7 32 | 7 46 | 17 29 | 16 42 | 3 55 | T 28 |
| F 29 | 3 31 | 4 12 | 3 14 | 5 2 | 0 40 | 7 18 | 1 0 | 6 28 | 2 51 | 15 44 | 0 29 | 8 39 | 2 45 | 8 18 | 0 44 | 9 22 | 0 40 | 20 44 | 0 53 | 7 31 | 7 45 | 17 30 | 16 43 | 3 55 | F 29 |
| S 30 | 3 54 | 0n11 | 2 8 | 5 57 | 0 30 | 7 47 | 0 58 | 6 21 | 2 50 | 15 40 | 0 29 | 8 37 | 2 45 | 8 17 | 0 44 | 9 23 | 0 40 | 20 44 | 0 53 | 7 31 | 7 44 | 17 30 | 16 44 | 3 55 | S 30 |
| S 31 | 4n17 | 4n41 | 0n52 | 6n53 | 0s20 | 8n17 | 0s56 | 6s15 | 2n49 | 15s37 | 0s29 | 8s35 | 2n45 | 8s16 | 0s44 | 9n23 | 0n40 | 20n44 | 0s53 | 7s30 | 7s43 | 17s31 | 16n45 | 3s54 | S 31 |

Julian Day Number = 2606467.5, Delta T = 09m49s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'14, Lahiri = 29°47'15


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## APRIL 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 39 55 | 11♈51'12 | 24♈20 | 20♈24 | 24♈51 | 22°R29 | 19♒ 0 | 29°R 7 | 10♓39 | 7°R23 | 21°R50 | 19°D13 | 19♎43 | 5♐25 | 2♊23 | M 1 |
| T 2 | 12 43 52 | 12°50'39 | 8♉59 | 22°24 | 26° 5 | 22♎ 7 | 19°11 | 29♎ 3 | 10°42 | 7♏22 | 21♋50 | 19♎14 | 19°40 | 5°32 | 2°26 | T 2 |
| W 3 | 12 47 48 | 13°50'04 | 23°41 | 24°23 | 27°20 | 21°45 | 19°22 | 28°58 | 10°45 | 7°21 | 21°50 | 19°14 | 19°36 | 5°38 | 2°29 | W 3 |
| T 4 | 12 51 45 | 14°49'27 | 8♊19 | 26°21 | 28°34 | 21°23 | 19°33 | 28°54 | 10°48 | 7°19 | 21°D50 | 19°15 | 19°33 | 5°45 | 2°33 | T 4 |
| F 5 | 12 55 42 | 15°48'47 | 22°48 | 28°17 | 29°49 | 21° 1 | 19°44 | 28°50 | 10°51 | 7°18 | 21°50 | 19°15 | 19°30 | 5°52 | 2°36 | F 5 |
| S 6 | 12 59 38 | 16°48'05 | 7♋ 4 | 0♉11 | 1♉ 3 | 20°38 | 19°54 | 28°45 | 10°54 | 7°17 | 21°50 | 19°15 | 19°27 | 5°59 | 2°39 | S 6 |
| S 7 | 13 3 35 | 17°47'21 | 21° 4 | 2° 2 | 2°17 | 20°15 | 20° 5 | 28°41 | 10°57 | 7°16 | 21°50 | 19°R15 | 19°24 | 6° 5 | 2°43 | S 7 |
| M 8 | 13 7 31 | 18°46'35 | 4♌48 | 3°50 | 3°31 | 19°52 | 20°16 | 28°36 | 11° 0 | 7°14 | 21°50 | 19°D15 | 19°20 | 6°12 | 2°46 | M 8 |
| T 9 | 13 11 28 | 19°45'46 | 18°16 | 5°35 | 4°45 | 19°29 | 20°26 | 28°32 | 11° 3 | 7°13 | 21°50 | 19°15 | 19°17 | 6°19 | 2°50 | T 9 |
| W10 | 13 15 24 | 20°44'55 | 1♍27 | 7°17 | 6° 0 | 19° 6 | 20°36 | 28°27 | 11° 6 | 7°12 | 21°50 | 19°15 | 19°14 | 6°25 | 2°54 | W10 |
| T 11 | 13 19 21 | 21°44'01 | 14°24 | 8°54 | 7°14 | 18°43 | 20°46 | 28°22 | 11° 9 | 7°11 | 21°50 | 19°15 | 19°11 | 6°32 | 2°57 | T 11 |
| F 12 | 13 23 17 | 22°43'06 | 27° 8 | 10°27 | 8°28 | 18°19 | 20°56 | 28°18 | 11°11 | 7°10 | 21°50 | 19°16 | 19° 8 | 6°39 | 3° 1 | F 12 |
| S 13 | 13 27 14 | 23°42'08 | 9♎38 | 11°55 | 9°42 | 17°56 | 21° 6 | 28°13 | 11°14 | 7° 9 | 21°51 | 19°16 | 19° 5 | 6°45 | 3° 5 | S 13 |
| S 14 | 13 31 11 | 24°41'08 | 21°58 | 13°18 | 10°56 | 17°33 | 21°16 | 28° 9 | 11°17 | 7° 8 | 21°51 | 19°R16 | 19° 1 | 6°52 | 3° 8 | S 14 |
| M15 | 13 35 7 | 25°40'06 | 4♏ 8 | 14°37 | 12°10 | 17°10 | 21°26 | 28° 4 | 11°20 | 7° 7 | 21°51 | 19°16 | 18°58 | 6°59 | 3°12 | M15 |
| T 16 | 13 39 4 | 26°39'02 | 16°10 | 15°49 | 13°24 | 16°48 | 21°36 | 27°59 | 11°22 | 7° 6 | 21°51 | 19°15 | 18°55 | 7° 5 | 3°16 | T 16 |
| W17 | 13 43 0 | 27°37'57 | 28° 5 | 16°56 | 14°38 | 16°25 | 21°45 | 27°55 | 11°25 | 7° 5 | 21°52 | 19°14 | 18°52 | 7°12 | 3°20 | W17 |
| T 18 | 13 46 57 | 28°36'49 | 9♐57 | 17°57 | 15°52 | 16° 3 | 21°54 | 27°50 | 11°28 | 7° 4 | 21°52 | 19°13 | 18°49 | 7°19 | 3°24 | T 18 |
| F 19 | 13 50 53 | 29°35'40 | 21°48 | 18°53 | 17° 6 | 15°42 | 22° 4 | 27°45 | 11°30 | 7° 3 | 21°52 | 19°11 | 18°45 | 7°25 | 3°28 | F 19 |
| S 20 | 13 54 50 | 0♑34'29 | 3♑41 | 19°42 | 18°19 | 15°20 | 22°13 | 27°41 | 11°33 | 7° 2 | 21°53 | 19°10 | 18°42 | 7°32 | 3°32 | S 20 |
| S 21 | 13 58 46 | 1°33'16 | 15°40 | 20°25 | 19°33 | 14°59 | 22°22 | 27°36 | 11°35 | 7° 1 | 21°53 | 19° 9 | 18°39 | 7°39 | 3°36 | S 21 |
| M22 | 14 2 43 | 2°32'02 | 27°49 | 21° 2 | 20°47 | 14°38 | 22°31 | 27°32 | 11°38 | 7° 1 | 21°54 | 19°D 8 | 18°36 | 7°46 | 3°40 | M22 |
| T 23 | 14 6 40 | 3°30'46 | 10♒14 | 21°33 | 22° 1 | 14°18 | 22°40 | 27°27 | 11°40 | 7° 0 | 21°54 | 19° 9 | 18°33 | 7°52 | 3°44 | T 23 |
| W24 | 14 10 36 | 4°29'28 | 22°57 | 21°58 | 23°15 | 13°59 | 22°48 | 27°22 | 11°43 | 6°59 | 21°54 | 19° 9 | 18°30 | 7°59 | 3°48 | W24 |
| T 25 | 14 14 33 | 5°28'08 | 6♓ 3 | 22°16 | 24°28 | 13°40 | 22°57 | 27°18 | 11°45 | 6°58 | 21°55 | 19°10 | 18°26 | 8° 6 | 3°52 | T 25 |
| F 26 | 14 18 29 | 6°26'47 | 19°35 | 22°28 | 25°42 | 13°21 | 23° 5 | 27°13 | 11°47 | 6°58 | 21°55 | 19°12 | 18°23 | 8°12 | 3°56 | F 26 |
| S 27 | 14 22 26 | 7°25'24 | 3♈33 | 22°34 | 26°56 | 13° 3 | 23°13 | 27° 9 | 11°50 | 6°57 | 21°56 | 19°13 | 18°20 | 8°19 | 4° 0 | S 27 |
| S 28 | 14 26 22 | 8°23'59 | 17°56 | 22°R35 | 28° 9 | 12°46 | 23°21 | 27° 4 | 11°52 | 6°56 | 21°57 | 19°R13 | 18°17 | 8°26 | 4° 4 | S 28 |
| M29 | 14 30 19 | 9°22'33 | 2♉40 | 22°29 | 29°23 | 12°29 | 23°29 | 27° 0 | 11°54 | 6°56 | 21°57 | 19°13 | 18°14 | 8°32 | 4° 9 | M29 |
| T 30 | 14 34 15 | 10♉21'05 | 17♉39 | 22♉18 | 0♊36 | 12♎13 | 23♒37 | 26♎55 | 11♓56 | 6♏55 | 21♋58 | 19♎11 | 18♎11 | 8♐39 | 4♊13 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 4n41 | 8n58 | 0s28 | 7n48 | 0s10 | 8n46 | 0s54 | 6s 8 | 2n48 | 15s34 | 0s30 | 8s34 | 2n45 | 8s14 | 0s44 | 9n24 | 0n40 | 20n45 | 0s53 | 7s30 | 7s42 | 17s31 | 16n45 | 3s54 | |
| T 2 | 5 4 | 12 45 | 1 48 | 8 43 | 0n 1 | 9 14 | 0 52 | 6 1 | 2 46 | 15 30 | 0 30 | 8 32 | 2 45 | 8 13 | 0 44 | 9 24 | 0 40 | 20 45 | 0 53 | 7 31 | 7 40 | 17 32 | 16 46 | 3 54 | |
| W 3 | 5 27 | 15 45 | 3 0 | 9 38 | 0 13 | 9 43 | 0 50 | 5 54 | 2 45 | 15 27 | 0 30 | 8 31 | 2 45 | 8 12 | 0 44 | 9 25 | 0 40 | 20 45 | 0 53 | 7 31 | 7 39 | 17 33 | 16 47 | 3 54 | |
| T 4 | 5 50 | 17 41 | 4 0 | 10 31 | 0 24 | 10 11 | 0 48 | 5 47 | 2 44 | 15 24 | 0 30 | 8 29 | 2 45 | 8 11 | 0 44 | 9 25 | 0 40 | 20 45 | 0 53 | 7 31 | 7 38 | 17 33 | 16 48 | 3 54 | |
| F 5 | 6 12 | 18 27 | 4 45 | 11 24 | 0 36 | 10 39 | 0 46 | 5 40 | 2 42 | 15 21 | 0 30 | 8 27 | 2 45 | 8 10 | 0 44 | 9 26 | 0 40 | 20 45 | 0 53 | 7 31 | 7 37 | 17 34 | 16 48 | 3 54 | |
| S 6 | 6 35 | 18 2 | 5 10 | 12 15 | 0 48 | 11 7 | 0 44 | 5 33 | 2 41 | 15 17 | 0 30 | 8 26 | 2 45 | 8 9 | 0 45 | 9 26 | 0 40 | 20 45 | 0 53 | 7 31 | 7 36 | 17 34 | 16 49 | 3 54 | |
| S 7 | 6 58 | 16 30 | 5 17 | 13 5 | 0 59 | 11 35 | 0 42 | 5 26 | 2 39 | 15 14 | 0 31 | 8 24 | 2 45 | 8 8 | 0 45 | 9 27 | 0 40 | 20 45 | 0 53 | 7 31 | 7 34 | 17 35 | 16 50 | 3 54 | |
| M 8 | 7 20 | 14 4 | 5 6 | 13 53 | 1 11 | 12 2 | 0 40 | 5 19 | 2 38 | 15 11 | 0 31 | 8 22 | 2 45 | 8 7 | 0 45 | 9 27 | 0 40 | 20 45 | 0 53 | 7 31 | 7 33 | 17 35 | 16 51 | 3 54 | |
| T 9 | 7 43 | 10 54 | 4 38 | 14 39 | 1 23 | 12 29 | 0 38 | 5 12 | 2 36 | 15 8 | 0 31 | 8 21 | 2 45 | 8 6 | 0 45 | 9 27 | 0 40 | 20 45 | 0 52 | 7 31 | 7 32 | 17 36 | 16 51 | 3 53 | |
| W10 | 8 5 | 7 15 | 3 56 | 15 23 | 1 34 | 12 56 | 0 35 | 5 5 | 2 34 | 15 5 | 0 31 | 8 19 | 2 45 | 8 4 | 0 45 | 9 28 | 0 40 | 20 45 | 0 52 | 7 31 | 7 31 | 17 36 | 16 52 | 3 53 | |
| T 11 | 8 27 | 3 20 | 3 2 | 16 5 | 1 45 | 13 22 | 0 33 | 4 58 | 2 33 | 15 2 | 0 31 | 8 17 | 2 46 | 8 3 | 0 45 | 9 28 | 0 40 | 20 45 | 0 52 | 7 31 | 7 30 | 17 37 | 16 53 | 3 53 | |
| F 12 | 8 49 | 0s42 | 2 0 | 16 44 | 1 55 | 13 48 | 0 31 | 4 51 | 2 31 | 14 59 | 0 31 | 8 16 | 2 46 | 8 2 | 0 45 | 9 29 | 0 40 | 20 45 | 0 52 | 7 31 | 7 28 | 17 37 | 16 54 | 3 53 | |
| S 13 | 9 11 | 4 38 | 0 53 | 17 21 | 2 5 | 14 14 | 0 28 | 4 44 | 2 29 | 14 56 | 0 32 | 8 14 | 2 46 | 8 1 | 0 45 | 9 29 | 0 40 | 20 45 | 0 52 | 7 31 | 7 27 | 17 38 | 16 54 | 3 53 | |
| S 14 | 9 32 | 8 18 | 0n15 | 17 56 | 2 14 | 14 39 | 0 26 | 4 37 | 2 27 | 14 53 | 0 32 | 8 12 | 2 46 | 8 0 | 0 45 | 9 29 | 0 40 | 20 45 | 0 52 | 7 31 | 7 26 | 17 38 | 16 55 | 3 53 | |
| M15 | 9 54 | 11 35 | 1 22 | 18 27 | 2 23 | 15 4 | 0 24 | 4 30 | 2 25 | 14 50 | 0 32 | 8 11 | 2 46 | 7 59 | 0 45 | 9 30 | 0 40 | 20 45 | 0 52 | 7 31 | 7 25 | 17 39 | 16 56 | 3 53 | |
| T 16 | 10 15 | 14 20 | 2 24 | 18 56 | 2 30 | 15 29 | 0 21 | 4 23 | 2 23 | 14 47 | 0 32 | 8 9 | 2 46 | 7 58 | 0 45 | 9 30 | 0 40 | 20 46 | 0 52 | 7 31 | 7 24 | 17 39 | 16 57 | 3 53 | |
| W17 | 10 36 | 16 27 | 3 19 | 19 22 | 2 37 | 15 53 | 0 19 | 4 17 | 2 20 | 14 44 | 0 32 | 8 8 | 2 46 | 7 57 | 0 45 | 9 30 | 0 40 | 20 46 | 0 52 | 7 31 | 7 22 | 17 40 | 16 58 | 3 53 | |
| T 18 | 10 57 | 17 50 | 4 6 | 19 45 | 2 43 | 16 17 | 0 16 | 4 10 | 2 18 | 14 41 | 0 33 | 8 6 | 2 46 | 7 56 | 0 45 | 9 31 | 0 40 | 20 46 | 0 52 | 7 30 | 7 21 | 17 40 | 16 58 | 3 53 | |
| F 19 | 11 18 | 18 27 | 4 41 | 20 5 | 2 48 | 16 41 | 0 14 | 4 4 | 2 16 | 14 38 | 0 33 | 8 4 | 2 46 | 7 55 | 0 45 | 9 31 | 0 40 | 20 46 | 0 52 | 7 30 | 7 20 | 17 41 | 16 59 | 3 53 | |
| S 20 | 11 39 | 18 15 | 5 5 | 20 23 | 2 52 | 17 4 | 0 11 | 3 58 | 2 14 | 14 35 | 0 33 | 8 3 | 2 46 | 7 55 | 0 45 | 9 31 | 0 40 | 20 46 | 0 52 | 7 29 | 7 19 | 17 41 | 17 0 | 3 53 | |
| S 21 | 11 59 | 17 14 | 5 16 | 20 37 | 2 55 | 17 26 | 0 9 | 3 52 | 2 11 | 14 33 | 0 33 | 8 1 | 2 46 | 7 54 | 0 45 | 9 32 | 0 40 | 20 46 | 0 51 | 7 29 | 7 18 | 17 42 | 17 1 | 3 53 | |
| M22 | 12 19 | 15 26 | 5 13 | 20 49 | 2 57 | 17 48 | 0 6 | 3 47 | 2 9 | 14 30 | 0 33 | 7 59 | 2 46 | 7 53 | 0 45 | 9 32 | 0 40 | 20 46 | 0 51 | 7 29 | 7 16 | 17 42 | 17 1 | 3 53 | |
| T 23 | 12 39 | 12 53 | 4 56 | 20 57 | 2 57 | 18 10 | 0 4 | 3 41 | 2 6 | 14 27 | 0 33 | 7 58 | 2 46 | 7 52 | 0 45 | 9 32 | 0 40 | 20 46 | 0 51 | 7 29 | 7 15 | 17 43 | 17 2 | 3 53 | |
| W24 | 12 59 | 9 41 | 4 23 | 21 3 | 2 56 | 18 31 | 0 1 | 3 36 | 2 4 | 14 25 | 0 34 | 7 56 | 2 46 | 7 51 | 0 45 | 9 33 | 0 40 | 20 46 | 0 51 | 7 29 | 7 14 | 17 43 | 17 3 | 3 53 | |
| T 25 | 13 19 | 5 54 | 3 37 | 21 6 | 2 54 | 18 52 | 0n 2 | 3 31 | 2 1 | 14 22 | 0 34 | 7 55 | 2 46 | 7 50 | 0 45 | 9 33 | 0 40 | 20 46 | 0 51 | 7 29 | 7 13 | 17 44 | 17 4 | 3 52 | |
| F 26 | 13 38 | 1 43 | 2 37 | 21 6 | 2 51 | 19 12 | 0 4 | 3 26 | 1 59 | 14 20 | 0 34 | 7 53 | 2 45 | 7 49 | 0 45 | 9 33 | 0 40 | 20 46 | 0 51 | 7 30 | 7 11 | 17 44 | 17 5 | 3 52 | |
| S 27 | 13 57 | 2n43 | 1 26 | 21 3 | 2 46 | 19 32 | 0 7 | 3 21 | 1 56 | 14 17 | 0 34 | 7 51 | 2 45 | 7 48 | 0 45 | 9 33 | 0 40 | 20 46 | 0 51 | 7 30 | 7 10 | 17 45 | 17 5 | 3 52 | |
| S 28 | 14 16 | 7 8 | 0 7 | 20 57 | 2 40 | 19 51 | 0 9 | 3 17 | 1 54 | 14 15 | 0 34 | 7 50 | 2 45 | 7 47 | 0 45 | 9 34 | 0 40 | 20 46 | 0 51 | 7 30 | 7 9 | 17 45 | 17 6 | 3 52 | |
| M29 | 14 35 | 11 13 | 1s14 | 20 48 | 2 32 | 20 10 | 0 12 | 3 13 | 1 51 | 14 12 | 0 35 | 7 48 | 2 45 | 7 47 | 0 45 | 9 34 | 0 40 | 20 46 | 0 51 | 7 30 | 7 8 | 17 46 | 17 7 | 3 52 | |
| T 30 | 14n53 | 14n39 | 2s31 | 20n37 | 2n24 | 20n28 | 0n15 | 3s 9 | 1n49 | 14s10 | 0s35 | 7s47 | 2n45 | 7s46 | 0s45 | 9n34 | 0n40 | 20n46 | 0s51 | 7s30 | 7s 7 | 17s46 | 17n 8 | 3s52 | |

Julian Day Number = 2606498.5, Delta T = 09m49s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'18, Lahiri = 29°47'20


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## MAY 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 38 12 | 11♉19'35 | 2♊45 | 22°R 2 | 1♊50 | 11°R58 | 23♒45 | 26°R51 | 11♓58 | 6°R55 | 21♋58 | 19°R 9 | 18♎ 7 | 8♐46 | 4♊17 | W 1 |
| T 2 | 14 42 9 | 12°18'03 | 17°47 | 21♉41 | 3° 3 | 11♎43 | 23°52 | 26♎47 | 12° 1 | 6♍54 | 21°59 | 19♎ 6 | 18° 4 | 8°52 | 4°21 | T 2 |
| F 3 | 14 46 5 | 13°16'29 | 2♋38 | 21°16 | 4°17 | 11°30 | 24° 0 | 26°42 | 12° 3 | 6°54 | 22° 0 | 19° 3 | 18° 1 | 8°59 | 4°26 | F 3 |
| S 4 | 14 50 2 | 14°14'53 | 17°10 | 20°47 | 5°30 | 11°17 | 24° 7 | 26°38 | 12° 5 | 6°53 | 22° 0 | 19° 0 | 17°58 | 9° 6 | 4°30 | S 4 |
| S 5 | 14 53 58 | 15°13'14 | 1♌19 | 20°15 | 6°44 | 11° 4 | 24°14 | 26°34 | 12° 7 | 6°53 | 22° 1 | 18°58 | 17°55 | 9°13 | 4°34 | S 5 |
| M 6 | 14 57 55 | 16°11'34 | 15° 5 | 19°40 | 7°57 | 10°53 | 24°21 | 26°29 | 12° 9 | 6°52 | 22° 2 | 18°D58 | 17°51 | 9°19 | 4°39 | M 6 |
| T 7 | 15 1 51 | 17° 9'52 | 28°27 | 19° 4 | 9°10 | 10°42 | 24°28 | 26°25 | 12°10 | 6°52 | 22° 3 | 18°58 | 17°48 | 9°26 | 4°43 | T 7 |
| W 8 | 15 5 48 | 18° 8'07 | 11♍27 | 18°26 | 10°24 | 10°32 | 24°35 | 26°21 | 12°12 | 6°52 | 22° 3 | 18°59 | 17°45 | 9°33 | 4°47 | W 8 |
| T 9 | 15 9 44 | 19° 6'21 | 24°10 | 17°47 | 11°37 | 10°23 | 24°41 | 26°17 | 12°14 | 6°52 | 22° 4 | 19° 1 | 17°42 | 9°39 | 4°52 | T 9 |
| F 10 | 15 13 41 | 20° 4'32 | 6♎37 | 17° 9 | 12°50 | 10°15 | 24°47 | 26°13 | 12°16 | 6°51 | 22° 5 | 19° 2 | 17°39 | 9°46 | 4°56 | F 10 |
| S 11 | 15 17 38 | 21° 2'42 | 18°52 | 16°31 | 14° 3 | 10° 7 | 24°54 | 26° 9 | 12°18 | 6°51 | 22° 6 | 19°R 3 | 17°36 | 9°53 | 5° 1 | S 11 |
| S 12 | 15 21 34 | 22° 0'49 | 0♏58 | 15°55 | 15°16 | 10° 0 | 25° 0 | 26° 5 | 12°19 | 6°51 | 22° 7 | 19° 2 | 17°32 | 9°59 | 5° 5 | S 12 |
| M13 | 15 25 31 | 22°58'56 | 12°57 | 15°21 | 16°29 | 9°54 | 25° 6 | 26° 1 | 12°21 | 6°51 | 22° 7 | 19° 0 | 17°29 | 10° 6 | 5°10 | M13 |
| T 14 | 15 29 27 | 23°57'00 | 24°52 | 14°49 | 17°43 | 9°49 | 25°11 | 25°57 | 12°23 | 6°51 | 22° 8 | 18°56 | 17°26 | 10°13 | 5°14 | T 14 |
| W15 | 15 33 24 | 24°55'03 | 6♐44 | 14°21 | 18°56 | 9°45 | 25°17 | 25°53 | 12°24 | 6°50 | 22° 9 | 18°51 | 17°23 | 10°19 | 5°19 | W15 |
| T 16 | 15 37 20 | 25°53'04 | 18°35 | 13°56 | 20° 9 | 9°41 | 25°22 | 25°50 | 12°26 | 6°50 | 22°10 | 18°44 | 17°20 | 10°26 | 5°23 | T 16 |
| F 17 | 15 41 17 | 26°51'04 | 0♑27 | 13°35 | 21°21 | 9°38 | 25°28 | 25°46 | 12°27 | 6°D50 | 22°11 | 18°37 | 17°17 | 10°33 | 5°28 | F 17 |
| S 18 | 15 45 13 | 27°49'02 | 12°22 | 13°18 | 22°34 | 9°36 | 25°33 | 25°43 | 12°29 | 6°50 | 22°12 | 18°30 | 17°13 | 10°40 | 5°32 | S 18 |
| S 19 | 15 49 10 | 28°46'59 | 24°23 | 13° 5 | 23°47 | 9°35 | 25°37 | 25°39 | 12°30 | 6°50 | 22°13 | 18°25 | 17°10 | 10°46 | 5°37 | S 19 |
| M20 | 15 53 7 | 29°44'55 | 6♒34 | 12°56 | 25° 0 | 9°D34 | 25°42 | 25°36 | 12°31 | 6°51 | 22°14 | 18°20 | 17° 7 | 10°53 | 5°41 | M20 |
| T 21 | 15 57 3 | 0♊42'49 | 18°57 | 12°D53 | 26°13 | 9°35 | 25°47 | 25°32 | 12°33 | 6°51 | 22°15 | 18°18 | 17° 4 | 11° 0 | 5°46 | T 21 |
| W22 | 16 1 0 | 1°40'42 | 1♓36 | 12°53 | 27°26 | 9°36 | 25°51 | 25°29 | 12°34 | 6°51 | 22°16 | 18°D17 | 17° 1 | 11° 6 | 5°50 | W22 |
| T 23 | 16 4 56 | 2°38'34 | 14°37 | 12°59 | 28°38 | 9°37 | 25°55 | 25°26 | 12°35 | 6°51 | 22°17 | 18°18 | 16°57 | 11°13 | 5°55 | T 23 |
| F 24 | 16 8 53 | 3°36'25 | 28° 1 | 13° 9 | 29°51 | 9°40 | 25°59 | 25°23 | 12°36 | 6°51 | 22°18 | 18°19 | 16°54 | 11°20 | 5°59 | F 24 |
| S 25 | 16 12 49 | 4°34'14 | 11♈52 | 13°23 | 1♋ 4 | 9°43 | 26° 3 | 25°20 | 12°37 | 6°51 | 22°19 | 18°R20 | 16°51 | 11°26 | 6° 4 | S 25 |
| S 26 | 16 16 46 | 5°32'03 | 26°10 | 13°42 | 2°16 | 9°47 | 26° 7 | 25°17 | 12°38 | 6°52 | 22°21 | 18°20 | 16°48 | 11°33 | 6° 9 | S 26 |
| M27 | 16 20 42 | 6°29'50 | 10♉53 | 14° 6 | 3°29 | 9°52 | 26°10 | 25°14 | 12°39 | 6°52 | 22°22 | 18°18 | 16°45 | 11°40 | 6°13 | M27 |
| T 28 | 16 24 39 | 7°27'36 | 25°57 | 14°33 | 4°41 | 9°57 | 26°14 | 25°11 | 12°40 | 6°52 | 22°23 | 18°14 | 16°42 | 11°47 | 6°18 | T 28 |
| W29 | 16 28 36 | 8°25'21 | 11♊12 | 15° 5 | 5°54 | 10° 3 | 26°17 | 25° 8 | 12°41 | 6°53 | 22°24 | 18° 8 | 16°38 | 11°53 | 6°22 | W29 |
| T 30 | 16 32 32 | 9°23'05 | 26°28 | 15°41 | 7° 6 | 10°10 | 26°20 | 25° 5 | 12°42 | 6°53 | 22°25 | 18° 0 | 16°35 | 12° 0 | 6°27 | T 30 |
| F 31 | 16 36 29 | 10♊20'47 | 11♋34 | 16♉21 | 8♋19 | 10♎17 | 26♒23 | 25♎ 3 | 12♓43 | 6♍53 | 22♋26 | 17♎53 | 16♎32 | 12♐ 7 | 6♊31 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n12 | 17n 6 | 3s37 | 20n23 | 2n13 | 20n46 | 0n17 | 3s 5 | 1n46 | 14s 7 | 0s35 | 7s45 | 2n45 | 7s45 | 0s45 | 9n34 | 0n40 | 20n46 | 0s51 | 7s29 | 7s 5 | 17s46 | 17n 9 | 3s52 |
| T 2 | 15 29 | 18 21 | 4 29 | 20 6 | 2 2 | 21 3 | 0 20 | 3 2 | 1 44 | 14 5 | 0 35 | 7 44 | 2 45 | 7 44 | 0 45 | 9 34 | 0 40 | 20 46 | 0 51 | 7 28 | 7 4 | 17 47 | 17 9 | 3 52 |
| F 3 | 15 47 | 18 20 | 5 2 | 19 48 | 1 49 | 21 19 | 0 23 | 2 59 | 1 41 | 14 3 | 0 35 | 7 42 | 2 45 | 7 44 | 0 45 | 9 34 | 0 40 | 20 46 | 0 51 | 7 26 | 7 3 | 17 47 | 17 10 | 3 52 |
| S 4 | 16 5 | 17 5 | 5 14 | 19 27 | 1 36 | 21 35 | 0 25 | 2 57 | 1 38 | 14 1 | 0 36 | 7 41 | 2 45 | 7 43 | 0 45 | 9 35 | 0 40 | 20 46 | 0 50 | 7 25 | 7 2 | 17 48 | 17 11 | 3 52 |
| S 5 | 16 22 | 14 49 | 5 7 | 19 4 | 1 21 | 21 50 | 0 28 | 2 54 | 1 36 | 13 58 | 0 36 | 7 39 | 2 45 | 7 42 | 0 45 | 9 35 | 0 40 | 20 45 | 0 50 | 7 25 | 7 1 | 17 48 | 17 12 | 3 52 |
| M 6 | 16 39 | 11 46 | 4 42 | 18 40 | 1 6 | 22 5 | 0 30 | 2 52 | 1 33 | 13 56 | 0 36 | 7 38 | 2 45 | 7 41 | 0 45 | 9 35 | 0 40 | 20 45 | 0 50 | 7 25 | 6 59 | 17 49 | 17 12 | 3 52 |
| T 7 | 16 55 | 8 11 | 4 3 | 18 14 | 0 49 | 22 19 | 0 33 | 2 50 | 1 30 | 13 54 | 0 36 | 7 37 | 2 45 | 7 41 | 0 45 | 9 35 | 0 40 | 20 45 | 0 50 | 7 25 | 6 58 | 17 49 | 17 13 | 3 52 |
| W 8 | 17 11 | 4 17 | 3 12 | 17 48 | 0 33 | 22 32 | 0 36 | 2 49 | 1 28 | 13 52 | 0 36 | 7 35 | 2 45 | 7 40 | 0 45 | 9 35 | 0 40 | 20 45 | 0 50 | 7 25 | 6 57 | 17 50 | 17 14 | 3 52 |
| T 9 | 17 27 | 0 17 | 2 12 | 17 20 | 0 15 | 22 45 | 0 38 | 2 48 | 1 25 | 13 50 | 0 37 | 7 34 | 2 44 | 7 39 | 0 45 | 9 35 | 0 40 | 20 45 | 0 50 | 7 26 | 6 56 | 17 50 | 17 15 | 3 52 |
| F 10 | 17 43 | 3s39 | 1 8 | 16 53 | 0s 2 | 22 57 | 0 41 | 2 47 | 1 23 | 13 48 | 0 37 | 7 33 | 2 44 | 7 39 | 0 46 | 9 35 | 0 40 | 20 45 | 0 50 | 7 26 | 6 55 | 17 50 | 17 16 | 3 52 |
| S 11 | 17 59 | 7 23 | 0 1 | 16 25 | 0 20 | 23 9 | 0 43 | 2 46 | 1 20 | 13 47 | 0 37 | 7 31 | 2 44 | 7 38 | 0 46 | 9 35 | 0 40 | 20 45 | 0 50 | 7 27 | 6 53 | 17 51 | 17 16 | 3 52 |
| S 12 | 18 14 | 10 46 | 1n 5 | 15 58 | 0 37 | 23 20 | 0 46 | 2 46 | 1 18 | 13 45 | 0 37 | 7 30 | 2 44 | 7 37 | 0 46 | 9 35 | 0 40 | 20 45 | 0 50 | 7 26 | 6 52 | 17 51 | 17 17 | 3 52 |
| M13 | 18 28 | 13 40 | 2 7 | 15 32 | 0 54 | 23 30 | 0 48 | 2 46 | 1 15 | 13 43 | 0 38 | 7 29 | 2 44 | 7 37 | 0 46 | 9 35 | 0 40 | 20 45 | 0 50 | 7 25 | 6 51 | 17 52 | 17 18 | 3 52 |
| T 14 | 18 43 | 15 59 | 3 3 | 15 7 | 1 11 | 23 39 | 0 51 | 2 46 | 1 13 | 13 41 | 0 38 | 7 27 | 2 44 | 7 36 | 0 46 | 9 36 | 0 40 | 20 45 | 0 50 | 7 24 | 6 50 | 17 52 | 17 19 | 3 52 |
| W15 | 18 57 | 17 35 | 3 51 | 14 44 | 1 27 | 23 48 | 0 53 | 2 47 | 1 10 | 13 40 | 0 38 | 7 26 | 2 44 | 7 36 | 0 46 | 9 36 | 0 40 | 20 45 | 0 50 | 7 22 | 6 49 | 17 52 | 17 19 | 3 52 |
| T 16 | 19 11 | 18 26 | 4 28 | 14 22 | 1 42 | 23 57 | 0 56 | 2 47 | 1 8 | 13 38 | 0 38 | 7 25 | 2 43 | 7 35 | 0 46 | 9 36 | 0 40 | 20 45 | 0 50 | 7 19 | 6 47 | 17 53 | 17 20 | 3 53 |
| F 17 | 19 24 | 18 28 | 4 55 | 14 1 | 1 57 | 24 4 | 0 58 | 2 49 | 1 5 | 13 36 | 0 38 | 7 24 | 2 43 | 7 35 | 0 46 | 9 36 | 0 40 | 20 45 | 0 49 | 7 17 | 6 46 | 17 53 | 17 21 | 3 53 |
| S 18 | 19 38 | 17 42 | 5 8 | 13 43 | 2 10 | 24 11 | 1 0 | 2 50 | 1 3 | 13 35 | 0 39 | 7 23 | 2 43 | 7 34 | 0 46 | 9 36 | 0 40 | 20 45 | 0 49 | 7 14 | 6 45 | 17 54 | 17 21 | 3 53 |
| S 19 | 19 50 | 16 8 | 5 8 | 13 27 | 2 23 | 24 17 | 1 3 | 2 52 | 1 0 | 13 33 | 0 39 | 7 22 | 2 43 | 7 34 | 0 46 | 9 36 | 0 40 | 20 45 | 0 49 | 7 12 | 6 44 | 17 54 | 17 22 | 3 53 |
| M20 | 20 3 | 13 50 | 4 54 | 13 13 | 2 35 | 24 22 | 1 5 | 2 54 | 0 58 | 13 32 | 0 39 | 7 21 | 2 43 | 7 33 | 0 46 | 9 35 | 0 40 | 20 45 | 0 49 | 7 10 | 6 42 | 17 54 | 17 23 | 3 53 |
| T 21 | 20 15 | 10 52 | 4 27 | 13 2 | 2 46 | 24 27 | 1 7 | 2 56 | 0 56 | 13 31 | 0 39 | 7 19 | 2 43 | 7 33 | 0 46 | 9 35 | 0 40 | 20 44 | 0 49 | 7 9 | 6 41 | 17 55 | 17 24 | 3 53 |
| W22 | 20 27 | 7 21 | 3 46 | 12 53 | 2 56 | 24 31 | 1 10 | 2 59 | 0 53 | 13 30 | 0 40 | 7 18 | 2 42 | 7 32 | 0 46 | 9 35 | 0 40 | 20 44 | 0 49 | 7 9 | 6 40 | 17 55 | 17 24 | 3 53 |
| T 23 | 20 38 | 3 24 | 2 52 | 12 46 | 3 5 | 24 34 | 1 12 | 3 1 | 0 51 | 13 28 | 0 40 | 7 17 | 2 42 | 7 32 | 0 46 | 9 35 | 0 40 | 20 44 | 0 49 | 7 9 | 6 39 | 17 56 | 17 25 | 3 53 |
| F 24 | 20 49 | 0n52 | 1 48 | 12 41 | 3 12 | 24 37 | 1 14 | 3 4 | 0 49 | 13 27 | 0 40 | 7 16 | 2 42 | 7 31 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 10 | 6 38 | 17 56 | 17 26 | 3 53 |
| S 25 | 21 0 | 5 13 | 0 35 | 12 39 | 3 19 | 24 39 | 1 16 | 3 8 | 0 46 | 13 26 | 0 40 | 7 16 | 2 42 | 7 31 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 10 | 6 36 | 17 56 | 17 26 | 3 53 |
| S 26 | 21 11 | 9 25 | 0s42 | 12 39 | 3 25 | 24 40 | 1 18 | 3 11 | 0 44 | 13 25 | 0 40 | 7 15 | 2 42 | 7 31 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 10 | 6 35 | 17 57 | 17 27 | 3 53 |
| M27 | 21 21 | 13 11 | 1 59 | 12 42 | 3 30 | 24 40 | 1 20 | 3 15 | 0 42 | 13 24 | 0 41 | 7 14 | 2 42 | 7 30 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 9 | 6 34 | 17 57 | 17 28 | 3 53 |
| T 28 | 21 30 | 16 8 | 3 9 | 12 46 | 3 33 | 24 40 | 1 22 | 3 19 | 0 40 | 13 23 | 0 41 | 7 13 | 2 41 | 7 30 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 8 | 6 33 | 17 58 | 17 29 | 3 53 |
| W29 | 21 39 | 18 0 | 4 6 | 12 52 | 3 36 | 24 39 | 1 24 | 3 24 | 0 38 | 13 22 | 0 41 | 7 12 | 2 41 | 7 30 | 0 46 | 9 35 | 0 39 | 20 44 | 0 49 | 7 6 | 6 32 | 17 58 | 17 29 | 3 53 |
| T 30 | 21 48 | 18 35 | 4 45 | 13 1 | 3 38 | 24 37 | 1 26 | 3 28 | 0 36 | 13 22 | 0 41 | 7 11 | 2 41 | 7 29 | 0 46 | 9 34 | 0 39 | 20 43 | 0 48 | 7 3 | 6 30 | 17 58 | 17 30 | 3 53 |
| F 31 | 21n57 | 17n49 | 5s 5 | 13n11 | 3s39 | 24n35 | 1n28 | 3s33 | 0n33 | 13s21 | 0s42 | 7s11 | 2n41 | 7s29 | 0s46 | 9n34 | 0n39 | 20n43 | 0s48 | 7s 0 | 6s29 | 17s59 | 17n31 | 3s54 |

Julian Day Number = 2606528.5, Delta T = 09m49s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'22, Lahiri = 29°47'24


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## JUNE 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 40 25 | 11♊18'28 | 26♋21 | 17♉ 4 | 9♋31 | 10♎25 | 26♒25 | 25°R 0 | 12♓44 | 6♍54 | 22♋28 | 17°R46 | 16♎29 | 12♐13 | 6♊36 | S 1 |
| S 2 | 16 44 22 | 12°16'08 | 10♌43 | 17°51 | 10°44 | 10°34 | 26°28 | 24♎58 | 12°45 | 6°54 | 22°29 | 17♎40 | 16°26 | 12°20 | 6°40 | S 2 |
| M 3 | 16 48 18 | 13°13'46 | 24°36 | 18°42 | 11°56 | 10°44 | 26°30 | 24°56 | 12°45 | 6°55 | 22°30 | 17°36 | 16°23 | 12°27 | 6°45 | M 3 |
| T 4 | 16 52 15 | 14°11'22 | 8♍ 1 | 19°36 | 13° 8 | 10°54 | 26°32 | 24°53 | 12°46 | 6°56 | 22°31 | 17°35 | 16°19 | 12°33 | 6°50 | T 4 |
| W 5 | 16 56 11 | 15° 8'57 | 21° 1 | 20°34 | 14°20 | 11° 4 | 26°34 | 24°51 | 12°46 | 6°56 | 22°33 | 17°D35 | 16°16 | 12°40 | 6°54 | W 5 |
| T 6 | 17 0 8 | 16° 6'31 | 3♎38 | 21°35 | 15°32 | 11°16 | 26°35 | 24°49 | 12°47 | 6°57 | 22°34 | 17°35 | 16°13 | 12°47 | 6°59 | T 6 |
| F 7 | 17 4 5 | 17° 4'03 | 15°57 | 22°39 | 16°45 | 11°27 | 26°37 | 24°47 | 12°47 | 6°57 | 22°35 | 17°R36 | 16°10 | 12°54 | 7° 3 | F 7 |
| S 8 | 17 8 1 | 18° 1'34 | 28° 4 | 23°46 | 17°57 | 11°40 | 26°38 | 24°45 | 12°48 | 6°58 | 22°36 | 17°35 | 16° 7 | 13° 0 | 7° 8 | S 8 |
| S 9 | 17 11 58 | 18°59'04 | 10♏ 2 | 24°56 | 19° 9 | 11°53 | 26°39 | 24°44 | 12°48 | 6°59 | 22°38 | 17°33 | 16° 3 | 13° 7 | 7°12 | S 9 |
| M10 | 17 15 54 | 19°56'32 | 21°55 | 26°10 | 20°21 | 12° 6 | 26°40 | 24°42 | 12°49 | 7° 0 | 22°39 | 17°28 | 16° 0 | 13°14 | 7°17 | M10 |
| T 11 | 17 19 51 | 20°54'00 | 3♐45 | 27°26 | 21°32 | 12°21 | 26°41 | 24°40 | 12°49 | 7° 0 | 22°40 | 17°21 | 15°57 | 13°20 | 7°21 | T 11 |
| W12 | 17 23 47 | 21°51'26 | 15°36 | 28°45 | 22°44 | 12°35 | 26°41 | 24°39 | 12°49 | 7° 1 | 22°42 | 17°11 | 15°54 | 13°27 | 7°26 | W12 |
| T 13 | 17 27 44 | 22°48'52 | 27°29 | 0♊ 7 | 23°56 | 12°50 | 26°42 | 24°37 | 12°49 | 7° 2 | 22°43 | 16°59 | 15°51 | 13°34 | 7°30 | T 13 |
| F 14 | 17 31 40 | 23°46'17 | 9♑25 | 1°32 | 25° 8 | 13° 6 | 26°R42 | 24°36 | 12°50 | 7° 3 | 22°45 | 16°47 | 15°48 | 13°40 | 7°35 | F 14 |
| S 15 | 17 35 37 | 24°43'41 | 21°26 | 3° 0 | 26°20 | 13°22 | 26°42 | 24°35 | 12°50 | 7° 4 | 22°46 | 16°35 | 15°44 | 13°47 | 7°39 | S 15 |
| S 16 | 17 39 34 | 25°41'04 | 3♒34 | 4°31 | 27°31 | 13°39 | 26°42 | 24°34 | 12°50 | 7° 5 | 22°47 | 16°25 | 15°41 | 13°54 | 7°43 | S 16 |
| M17 | 17 43 30 | 26°38'26 | 15°50 | 6° 4 | 28°43 | 13°56 | 26°41 | 24°33 | 12°R50 | 7° 6 | 22°49 | 16°16 | 15°38 | 14° 1 | 7°48 | M17 |
| T 18 | 17 47 27 | 27°35'48 | 28°17 | 7°40 | 29°54 | 14°14 | 26°41 | 24°32 | 12°50 | 7° 7 | 22°50 | 16°10 | 15°35 | 14° 7 | 7°52 | T 18 |
| W19 | 17 51 23 | 28°33'10 | 10♓58 | 9°19 | 1♌ 6 | 14°32 | 26°40 | 24°31 | 12°50 | 7° 8 | 22°52 | 16° 7 | 15°32 | 14°14 | 7°57 | W19 |
| T 20 | 17 55 20 | 29°30'31 | 23°56 | 11° 1 | 2°17 | 14°51 | 26°39 | 24°30 | 12°49 | 7° 9 | 22°53 | 16° 6 | 15°29 | 14°21 | 8° 1 | T 20 |
| F 21 | 17 59 16 | 0♋27'51 | 7♈15 | 12°45 | 3°29 | 15°10 | 26°38 | 24°30 | 12°49 | 7°10 | 22°55 | 16°D 6 | 15°25 | 14°27 | 8° 5 | F 21 |
| S 22 | 18 3 13 | 1°25'12 | 20°57 | 14°32 | 4°40 | 15°29 | 26°36 | 24°29 | 12°49 | 7°11 | 22°56 | 16°R 6 | 15°22 | 14°34 | 8°10 | S 22 |
| S 23 | 18 7 9 | 2°22'32 | 5♉ 5 | 16°22 | 5°51 | 15°49 | 26°35 | 24°29 | 12°49 | 7°12 | 22°57 | 16° 5 | 15°19 | 14°41 | 8°14 | S 23 |
| M24 | 18 11 6 | 3°19'51 | 19°37 | 18°14 | 7° 2 | 16° 9 | 26°33 | 24°29 | 12°48 | 7°13 | 22°59 | 16° 2 | 15°16 | 14°47 | 8°18 | M24 |
| T 25 | 18 15 3 | 4°17'11 | 4♊30 | 20° 9 | 8°14 | 16°30 | 26°31 | 24°28 | 12°48 | 7°14 | 23° 0 | 15°56 | 15°13 | 14°54 | 8°22 | T 25 |
| W26 | 18 18 59 | 5°14'30 | 19°39 | 22° 6 | 9°25 | 16°51 | 26°29 | 24°28 | 12°48 | 7°16 | 23° 2 | 15°47 | 15° 9 | 15° 1 | 8°27 | W26 |
| T 27 | 18 22 56 | 6°11'48 | 4♋52 | 24° 6 | 10°36 | 17°13 | 26°26 | 24°D28 | 12°47 | 7°17 | 23° 3 | 15°37 | 15° 6 | 15° 8 | 8°31 | T 27 |
| F 28 | 18 26 52 | 7° 9'07 | 20° 0 | 26° 7 | 11°47 | 17°35 | 26°24 | 24°28 | 12°47 | 7°18 | 23° 5 | 15°27 | 15° 3 | 15°14 | 8°35 | F 28 |
| S 29 | 18 30 49 | 8° 6'24 | 4♌52 | 28°11 | 12°58 | 17°58 | 26°21 | 24°28 | 12°46 | 7°19 | 23° 6 | 15°16 | 15° 0 | 15°21 | 8°39 | S 29 |
| S 30 | 18 34 45 | 9♋ 3'41 | 19♌21 | 0♋17 | 14♌ 8 | 18♎20 | 26♒18 | 24♎29 | 12♓45 | 7♍21 | 23♋ 8 | 15♎ 8 | 14♎57 | 15♐28 | 8♊43 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 5 | 15n52 | 5s 3 | 13n23 | 3s40 | 24n32 | 1n30 | 3s38 | 0n31 | 13s20 | 0s42 | 7s10 | 2n40 | 7s29 | 0s46 | 9n34 | 0n39 | 20n43 | 0s48 | 6s57 | 6s28 | 17s59 | 17n31 | 3s54 |
| S 2 | 22 13 | 12 58 | 4 42 | 13 36 | 3 39 | 24 28 | 1 31 | 3 43 | 0 29 | 13 20 | 0 42 | 7 9 | 2 40 | 7 29 | 0 46 | 9 34 | 0 39 | 20 43 | 0 48 | 6 55 | 6 27 | 17 59 | 17 32 | 3 54 |
| M 3 | 22 20 | 9 26 | 4 5 | 13 51 | 3 38 | 24 24 | 1 33 | 3 49 | 0 27 | 13 19 | 0 42 | 7 9 | 2 40 | 7 28 | 0 46 | 9 34 | 0 39 | 20 43 | 0 48 | 6 54 | 6 25 | 18 0 | 17 32 | 3 54 |
| T 4 | 22 27 | 5 31 | 3 16 | 14 8 | 3 35 | 24 18 | 1 35 | 3 55 | 0 25 | 13 19 | 0 43 | 7 8 | 2 40 | 7 28 | 0 46 | 9 33 | 0 39 | 20 43 | 0 48 | 6 53 | 6 24 | 18 0 | 17 33 | 3 54 |
| W 5 | 22 33 | 1 27 | 2 18 | 14 26 | 3 33 | 24 12 | 1 36 | 4 1 | 0 23 | 13 18 | 0 43 | 7 7 | 2 40 | 7 28 | 0 47 | 9 33 | 0 39 | 20 43 | 0 48 | 6 53 | 6 23 | 18 0 | 17 34 | 3 54 |
| T 6 | 22 40 | 2s34 | 1 14 | 14 45 | 3 29 | 24 6 | 1 38 | 4 7 | 0 22 | 13 18 | 0 43 | 7 7 | 2 39 | 7 28 | 0 47 | 9 33 | 0 39 | 20 43 | 0 48 | 6 53 | 6 22 | 18 1 | 17 34 | 3 54 |
| F 7 | 22 45 | 6 24 | 0 9 | 15 5 | 3 25 | 23 59 | 1 39 | 4 13 | 0 20 | 13 18 | 0 43 | 7 6 | 2 39 | 7 28 | 0 47 | 9 33 | 0 39 | 20 42 | 0 48 | 6 54 | 6 21 | 18 1 | 17 35 | 3 54 |
| S 8 | 22 51 | 9 54 | 0n56 | 15 26 | 3 20 | 23 51 | 1 41 | 4 20 | 0 18 | 13 17 | 0 44 | 7 6 | 2 39 | 7 27 | 0 47 | 9 32 | 0 39 | 20 42 | 0 48 | 6 53 | 6 19 | 18 1 | 17 36 | 3 54 |
| S 9 | 22 56 | 12 56 | 1 57 | 15 49 | 3 14 | 23 42 | 1 42 | 4 27 | 0 16 | 13 17 | 0 44 | 7 6 | 2 39 | 7 27 | 0 47 | 9 32 | 0 39 | 20 42 | 0 48 | 6 52 | 6 18 | 18 2 | 17 36 | 3 55 |
| M10 | 23 0 | 15 25 | 2 52 | 16 12 | 3 8 | 23 33 | 1 43 | 4 34 | 0 14 | 13 17 | 0 44 | 7 5 | 2 38 | 7 27 | 0 47 | 9 32 | 0 39 | 20 42 | 0 48 | 6 50 | 6 17 | 18 2 | 17 37 | 3 55 |
| T 11 | 23 4 | 17 15 | 3 40 | 16 36 | 3 1 | 23 23 | 1 44 | 4 41 | 0 12 | 13 17 | 0 44 | 7 5 | 2 38 | 7 27 | 0 47 | 9 32 | 0 39 | 20 42 | 0 48 | 6 48 | 6 16 | 18 2 | 17 37 | 3 55 |
| W12 | 23 8 | 18 20 | 4 18 | 17 0 | 2 54 | 23 12 | 1 45 | 4 48 | 0 11 | 13 17 | 0 45 | 7 4 | 2 38 | 7 27 | 0 47 | 9 31 | 0 39 | 20 42 | 0 48 | 6 44 | 6 14 | 18 3 | 17 38 | 3 55 |
| T 13 | 23 11 | 18 36 | 4 45 | 17 25 | 2 46 | 23 1 | 1 46 | 4 55 | 0 9 | 13 17 | 0 45 | 7 4 | 2 38 | 7 27 | 0 47 | 9 31 | 0 39 | 20 42 | 0 47 | 6 40 | 6 13 | 18 3 | 17 38 | 3 55 |
| F 14 | 23 14 | 18 4 | 5 0 | 17 50 | 2 38 | 22 49 | 1 47 | 5 3 | 0 7 | 13 17 | 0 45 | 7 4 | 2 37 | 7 27 | 0 47 | 9 31 | 0 39 | 20 41 | 0 47 | 6 35 | 6 12 | 18 3 | 17 39 | 3 55 |
| S 15 | 23 17 | 16 43 | 5 1 | 18 16 | 2 29 | 22 36 | 1 48 | 5 11 | 0 5 | 13 18 | 0 45 | 7 4 | 2 37 | 7 27 | 0 47 | 9 30 | 0 39 | 20 41 | 0 47 | 6 30 | 6 11 | 18 4 | 17 40 | 3 55 |
| S 16 | 23 19 | 14 37 | 4 49 | 18 42 | 2 20 | 22 23 | 1 49 | 5 19 | 0 4 | 13 18 | 0 46 | 7 4 | 2 37 | 7 27 | 0 47 | 9 30 | 0 39 | 20 41 | 0 47 | 6 26 | 6 10 | 18 4 | 17 40 | 3 56 |
| M17 | 23 20 | 11 51 | 4 23 | 19 7 | 2 11 | 22 9 | 1 50 | 5 27 | 0 2 | 13 18 | 0 46 | 7 3 | 2 37 | 7 27 | 0 47 | 9 30 | 0 39 | 20 41 | 0 47 | 6 23 | 6 8 | 18 4 | 17 41 | 3 56 |
| T 18 | 23 22 | 8 31 | 3 45 | 19 33 | 2 1 | 21 55 | 1 50 | 5 36 | 0 0 | 13 19 | 0 46 | 7 3 | 2 36 | 7 27 | 0 47 | 9 29 | 0 39 | 20 41 | 0 47 | 6 21 | 6 7 | 18 5 | 17 41 | 3 56 |
| W19 | 23 22 | 4 44 | 2 55 | 19 59 | 1 50 | 21 40 | 1 51 | 5 44 | 0s 1 | 13 19 | 0 46 | 7 3 | 2 36 | 7 27 | 0 47 | 9 29 | 0 39 | 20 41 | 0 47 | 6 19 | 6 6 | 18 5 | 17 42 | 3 56 |
| T 20 | 23 23 | 0 39 | 1 55 | 20 24 | 1 40 | 21 25 | 1 51 | 5 53 | 0 3 | 13 20 | 0 47 | 7 3 | 2 36 | 7 27 | 0 47 | 9 28 | 0 39 | 20 40 | 0 47 | 6 19 | 6 5 | 18 5 | 17 42 | 3 56 |
| F 21 | 23 23 | 3n35 | 0 47 | 20 48 | 1 29 | 21 9 | 1 52 | 6 1 | 0 4 | 13 21 | 0 47 | 7 3 | 2 36 | 7 27 | 0 47 | 9 28 | 0 39 | 20 40 | 0 47 | 6 19 | 6 3 | 18 6 | 17 43 | 3 56 |
| S 22 | 23 22 | 7 46 | 0s26 | 21 12 | 1 18 | 20 52 | 1 52 | 6 10 | 0 6 | 13 21 | 0 47 | 7 3 | 2 35 | 7 28 | 0 47 | 9 28 | 0 39 | 20 40 | 0 47 | 6 19 | 6 2 | 18 6 | 17 43 | 3 57 |
| S 23 | 23 22 | 11 38 | 1 39 | 21 35 | 1 6 | 20 35 | 1 52 | 6 19 | 0 7 | 13 22 | 0 47 | 7 3 | 2 35 | 7 28 | 0 47 | 9 27 | 0 39 | 20 40 | 0 47 | 6 19 | 6 1 | 18 6 | 17 44 | 3 57 |
| M24 | 23 20 | 14 54 | 2 48 | 21 57 | 0 55 | 20 17 | 1 52 | 6 29 | 0 9 | 13 23 | 0 48 | 7 4 | 2 35 | 7 28 | 0 47 | 9 27 | 0 39 | 20 40 | 0 47 | 6 17 | 6 0 | 18 6 | 17 44 | 3 57 |
| T 25 | 23 19 | 17 17 | 3 46 | 22 18 | 0 44 | 19 59 | 1 53 | 6 38 | 0 10 | 13 24 | 0 48 | 7 4 | 2 35 | 7 28 | 0 47 | 9 26 | 0 39 | 20 39 | 0 47 | 6 15 | 5 59 | 18 7 | 17 45 | 3 57 |
| W26 | 23 17 | 18 29 | 4 31 | 22 37 | 0 32 | 19 40 | 1 53 | 6 47 | 0 12 | 13 25 | 0 48 | 7 4 | 2 34 | 7 28 | 0 47 | 9 26 | 0 39 | 20 39 | 0 47 | 6 12 | 5 57 | 18 7 | 17 45 | 3 57 |
| T 27 | 23 14 | 18 22 | 4 56 | 22 54 | 0 21 | 19 20 | 1 52 | 6 57 | 0 13 | 13 26 | 0 48 | 7 4 | 2 34 | 7 29 | 0 47 | 9 25 | 0 39 | 20 39 | 0 47 | 6 8 | 5 56 | 18 7 | 17 45 | 3 58 |
| F 28 | 23 11 | 16 57 | 5 0 | 23 10 | 0 9 | 19 1 | 1 52 | 7 7 | 0 15 | 13 27 | 0 49 | 7 4 | 2 34 | 7 29 | 0 47 | 9 25 | 0 39 | 20 39 | 0 46 | 6 4 | 5 55 | 18 7 | 17 46 | 3 58 |
| S 29 | 23 8 | 14 24 | 4 44 | 23 24 | 0n 2 | 18 40 | 1 52 | 7 16 | 0 16 | 13 28 | 0 49 | 7 5 | 2 34 | 7 29 | 0 47 | 9 24 | 0 39 | 20 39 | 0 46 | 6 0 | 5 54 | 18 8 | 17 46 | 3 58 |
| S 30 | 23n 4 | 11n 2 | 4s 9 | 23n36 | 0n13 | 18n20 | 1n52 | 7s26 | 0s17 | 13s29 | 0s49 | 7s 5 | 2n33 | 7s29 | 0s47 | 9n24 | 0n39 | 20n39 | 0s46 | 5s57 | 5s52 | 18s 8 | 17n47 | 3s58 |

Julian Day Number = 2606559.5, Delta T = 09m50s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'27, Lahiri = 29°47'28


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## JULY 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 38 42 | 10♋ 0'58 | 3♍21 | 2♋24 | 15♌19 | 18♎44 | 26°R15 | 24♎29 | 12°R45 | 7♍22 | 23♋ 9 | 15°R 2 | 14♎54 | 15♐34 | 8♊47 | M 1 |
| T 2 | 18 42 38 | 10°58'14 | 16°51 | 4°32 | 16°30 | 19° 7 | 26♒12 | 24°30 | 12♓44 | 7°24 | 23°11 | 14♎58 | 14°50 | 15°41 | 8°51 | T 2 |
| W 3 | 18 46 35 | 11°55'29 | 29°54 | 6°42 | 17°41 | 19°31 | 26° 9 | 24°30 | 12°43 | 7°25 | 23°12 | 14°57 | 14°47 | 15°48 | 8°55 | W 3 |
| T 4 | 18 50 32 | 12°52'44 | 12♎32 | 8°52 | 18°51 | 19°55 | 26° 5 | 24°31 | 12°42 | 7°26 | 23°14 | 14°56 | 14°44 | 15°55 | 8°59 | T 4 |
| F 5 | 18 54 28 | 13°49'58 | 24°51 | 11° 3 | 20° 2 | 20°20 | 26° 1 | 24°32 | 12°42 | 7°28 | 23°16 | 14°56 | 14°41 | 16° 1 | 9° 3 | F 5 |
| S 6 | 18 58 25 | 14°47'12 | 6♏56 | 13°14 | 21°12 | 20°45 | 25°57 | 24°33 | 12°41 | 7°29 | 23°17 | 14°55 | 14°38 | 16° 8 | 9° 7 | S 6 |
| S 7 | 19 2 21 | 15°44'25 | 18°51 | 15°25 | 22°23 | 21°10 | 25°53 | 24°34 | 12°40 | 7°31 | 23°19 | 14°52 | 14°35 | 16°15 | 9°11 | S 7 |
| M 8 | 19 6 18 | 16°41'38 | 0♐42 | 17°35 | 23°33 | 21°36 | 25°49 | 24°35 | 12°39 | 7°32 | 23°20 | 14°47 | 14°31 | 16°21 | 9°15 | M 8 |
| T 9 | 19 10 14 | 17°38'51 | 12°32 | 19°45 | 24°43 | 22° 2 | 25°44 | 24°36 | 12°38 | 7°34 | 23°22 | 14°38 | 14°28 | 16°28 | 9°19 | T 9 |
| W10 | 19 14 11 | 18°36'03 | 24°24 | 21°55 | 25°53 | 22°28 | 25°40 | 24°37 | 12°37 | 7°35 | 23°23 | 14°27 | 14°25 | 16°35 | 9°23 | W10 |
| T 11 | 19 18 7 | 19°33'16 | 6♑21 | 24° 3 | 27° 3 | 22°55 | 25°35 | 24°39 | 12°36 | 7°37 | 23°25 | 14°15 | 14°22 | 16°41 | 9°27 | T 11 |
| F 12 | 19 22 4 | 20°30'28 | 18°25 | 26°10 | 28°13 | 23°21 | 25°30 | 24°40 | 12°34 | 7°39 | 23°26 | 14° 1 | 14°19 | 16°48 | 9°30 | F 12 |
| S 13 | 19 26 1 | 21°27'40 | 0♒36 | 28°16 | 29°23 | 23°49 | 25°25 | 24°42 | 12°33 | 7°40 | 23°28 | 13°48 | 14°15 | 16°55 | 9°34 | S 13 |
| S 14 | 19 29 57 | 22°24'53 | 12°55 | 0♌20 | 0♍33 | 24°16 | 25°20 | 24°43 | 12°32 | 7°42 | 23°29 | 13°36 | 14°12 | 17° 2 | 9°38 | S 14 |
| M15 | 19 33 54 | 23°22'05 | 25°23 | 2°23 | 1°43 | 24°44 | 25°14 | 24°45 | 12°31 | 7°44 | 23°31 | 13°27 | 14° 9 | 17° 8 | 9°41 | M15 |
| T 16 | 19 37 50 | 24°19'18 | 8♓ 2 | 4°24 | 2°52 | 25°12 | 25° 9 | 24°47 | 12°29 | 7°45 | 23°33 | 13°20 | 14° 6 | 17°15 | 9°45 | T 16 |
| W17 | 19 41 47 | 25°16'31 | 20°52 | 6°23 | 4° 2 | 25°40 | 25° 3 | 24°49 | 12°28 | 7°47 | 23°34 | 13°16 | 14° 3 | 17°22 | 9°49 | W17 |
| T 18 | 19 45 43 | 26°13'44 | 3♈57 | 8°21 | 5°11 | 26° 9 | 24°57 | 24°51 | 12°27 | 7°49 | 23°36 | 13°14 | 14° 0 | 17°28 | 9°52 | T 18 |
| F 19 | 19 49 40 | 27°10'58 | 17°17 | 10°16 | 6°20 | 26°38 | 24°51 | 24°53 | 12°25 | 7°51 | 23°37 | 13°D14 | 13°56 | 17°35 | 9°56 | F 19 |
| S 20 | 19 53 36 | 28° 8'12 | 0♉56 | 12°10 | 7°30 | 27° 7 | 24°45 | 24°55 | 12°24 | 7°52 | 23°39 | 13°R14 | 13°53 | 17°42 | 9°59 | S 20 |
| S 21 | 19 57 33 | 29° 5'27 | 14°54 | 14° 2 | 8°39 | 27°36 | 24°39 | 24°58 | 12°22 | 7°54 | 23°40 | 13°13 | 13°50 | 17°49 | 10° 3 | S 21 |
| M22 | 20 1 30 | 0♌ 2'43 | 29°13 | 15°52 | 9°48 | 28° 6 | 24°33 | 25° 0 | 12°21 | 7°56 | 23°42 | 13°11 | 13°47 | 17°55 | 10° 6 | M22 |
| T 23 | 20 5 26 | 0°59'59 | 13♊50 | 17°41 | 10°57 | 28°35 | 24°26 | 25° 3 | 12°19 | 7°58 | 23°43 | 13° 6 | 13°44 | 18° 2 | 10° 9 | T 23 |
| W24 | 20 9 23 | 1°57'16 | 28°40 | 19°27 | 12° 6 | 29° 6 | 24°20 | 25° 5 | 12°18 | 8° 0 | 23°45 | 12°58 | 13°40 | 18° 9 | 10°13 | W24 |
| T 25 | 20 13 19 | 2°54'34 | 13♋36 | 21°12 | 13°15 | 29°36 | 24°13 | 25° 8 | 12°16 | 8° 2 | 23°47 | 12°49 | 13°37 | 18°15 | 10°16 | T 25 |
| F 26 | 20 17 16 | 3°51'52 | 28°30 | 22°54 | 14°23 | 0♏ 7 | 24° 6 | 25°11 | 12°14 | 8° 3 | 23°48 | 12°39 | 13°34 | 18°22 | 10°19 | F 26 |
| S 27 | 20 21 12 | 4°49'10 | 13♌12 | 24°35 | 15°32 | 0°37 | 23°59 | 25°14 | 12°12 | 8° 5 | 23°50 | 12°29 | 13°31 | 18°29 | 10°22 | S 27 |
| S 28 | 20 25 9 | 5°46'29 | 27°36 | 26°14 | 16°40 | 1° 9 | 23°52 | 25°17 | 12°11 | 8° 7 | 23°51 | 12°21 | 13°28 | 18°35 | 10°25 | S 28 |
| M29 | 20 29 5 | 6°43'48 | 11♍34 | 27°51 | 17°49 | 1°40 | 23°45 | 25°20 | 12° 9 | 8° 9 | 23°53 | 12°15 | 13°25 | 18°42 | 10°28 | M29 |
| T 30 | 20 33 2 | 7°41'08 | 25° 5 | 29°26 | 18°57 | 2°11 | 23°38 | 25°23 | 12° 7 | 8°11 | 23°54 | 12°12 | 13°21 | 18°49 | 10°31 | T 30 |
| W31 | 20 36 59 | 8♌38'28 | 8♎10 | 1♍ 0 | 20♍ 5 | 2♏43 | 23♒31 | 25♎26 | 12♓ 5 | 8♍13 | 23♋56 | 12°D10 | 13♎18 | 18♐56 | 10♊34 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 0 | 7n 8 | 3s21 | 23n45 | 0n23 | 17n58 | 1n51 | 7s36 | 0s19 | 13s31 | 0s49 | 7s 5 | 2n33 | 7s30 | 0s48 | 9n23 | 0n39 | 20n38 | 0s46 | 5s54 | 5s51 | 18s 8 | 17n47 | 3s58 |
| T 2 | 22 56 | 2 59 | 2 23 | 23 52 | 0 34 | 17 37 | 1 51 | 7 47 | 0 20 | 13 32 | 0 50 | 7 6 | 2 33 | 7 30 | 0 48 | 9 23 | 0 39 | 20 38 | 0 46 | 5 53 | 5 50 | 18 9 | 17 48 | 3 59 |
| W 3 | 22 51 | 1s10 | 1 19 | 23 56 | 0 43 | 17 15 | 1 50 | 7 57 | 0 21 | 13 33 | 0 50 | 7 6 | 2 33 | 7 30 | 0 48 | 9 22 | 0 39 | 20 38 | 0 46 | 5 52 | 5 49 | 18 9 | 17 48 | 3 59 |
| T 4 | 22 46 | 5 8 | 0 13 | 23 58 | 0 53 | 16 52 | 1 49 | 8 7 | 0 23 | 13 35 | 0 50 | 7 7 | 2 32 | 7 31 | 0 48 | 9 22 | 0 39 | 20 38 | 0 46 | 5 52 | 5 48 | 18 9 | 17 48 | 3 59 |
| F 5 | 22 40 | 8 47 | 0n52 | 23 56 | 1 1 | 16 29 | 1 48 | 8 18 | 0 24 | 13 36 | 0 50 | 7 7 | 2 32 | 7 31 | 0 48 | 9 21 | 0 39 | 20 38 | 0 46 | 5 52 | 5 46 | 18 9 | 17 49 | 3 59 |
| S 6 | 22 34 | 12 0 | 1 54 | 23 52 | 1 9 | 16 6 | 1 48 | 8 28 | 0 25 | 13 38 | 0 50 | 7 8 | 2 32 | 7 31 | 0 48 | 9 21 | 0 39 | 20 37 | 0 46 | 5 52 | 5 45 | 18 10 | 17 49 | 4 0 |
| S 7 | 22 27 | 14 41 | 2 49 | 23 46 | 1 17 | 15 42 | 1 47 | 8 39 | 0 26 | 13 39 | 0 51 | 7 9 | 2 32 | 7 32 | 0 48 | 9 20 | 0 39 | 20 37 | 0 46 | 5 51 | 5 44 | 18 10 | 17 49 | 4 0 |
| M 8 | 22 20 | 16 43 | 3 37 | 23 36 | 1 23 | 15 18 | 1 45 | 8 49 | 0 27 | 13 41 | 0 51 | 7 9 | 2 31 | 7 32 | 0 48 | 9 20 | 0 39 | 20 37 | 0 46 | 5 49 | 5 43 | 18 10 | 17 50 | 4 0 |
| T 9 | 22 13 | 18 2 | 4 15 | 23 24 | 1 29 | 14 53 | 1 44 | 9 0 | 0 29 | 13 43 | 0 51 | 7 10 | 2 31 | 7 32 | 0 48 | 9 19 | 0 39 | 20 37 | 0 46 | 5 45 | 5 41 | 18 10 | 17 50 | 4 0 |
| W10 | 22 6 | 18 34 | 4 42 | 23 10 | 1 35 | 14 29 | 1 43 | 9 11 | 0 30 | 13 45 | 0 51 | 7 11 | 2 31 | 7 33 | 0 48 | 9 18 | 0 39 | 20 37 | 0 46 | 5 41 | 5 40 | 18 11 | 17 50 | 4 1 |
| T 11 | 21 58 | 18 17 | 4 57 | 22 52 | 1 39 | 14 3 | 1 42 | 9 22 | 0 31 | 13 46 | 0 52 | 7 11 | 2 31 | 7 33 | 0 48 | 9 18 | 0 39 | 20 36 | 0 46 | 5 36 | 5 39 | 18 11 | 17 51 | 4 1 |
| F 12 | 21 49 | 17 11 | 4 59 | 22 33 | 1 43 | 13 38 | 1 40 | 9 33 | 0 32 | 13 48 | 0 52 | 7 12 | 2 30 | 7 34 | 0 48 | 9 17 | 0 39 | 20 36 | 0 46 | 5 31 | 5 38 | 18 11 | 17 51 | 4 1 |
| S 13 | 21 40 | 15 18 | 4 47 | 22 11 | 1 46 | 13 12 | 1 39 | 9 44 | 0 33 | 13 50 | 0 52 | 7 13 | 2 30 | 7 34 | 0 48 | 9 17 | 0 39 | 20 36 | 0 46 | 5 26 | 5 37 | 18 11 | 17 51 | 4 1 |
| S 14 | 21 31 | 12 42 | 4 22 | 21 47 | 1 48 | 12 46 | 1 37 | 9 55 | 0 34 | 13 52 | 0 52 | 7 14 | 2 30 | 7 35 | 0 48 | 9 16 | 0 39 | 20 36 | 0 45 | 5 21 | 5 35 | 18 11 | 17 51 | 4 2 |
| M15 | 21 22 | 9 30 | 3 44 | 21 21 | 1 49 | 12 19 | 1 35 | 10 6 | 0 35 | 13 54 | 0 53 | 7 15 | 2 29 | 7 35 | 0 48 | 9 15 | 0 39 | 20 36 | 0 45 | 5 18 | 5 34 | 18 12 | 17 52 | 4 2 |
| T 16 | 21 12 | 5 50 | 2 55 | 20 54 | 1 50 | 11 53 | 1 33 | 10 18 | 0 37 | 13 56 | 0 53 | 7 16 | 2 29 | 7 36 | 0 48 | 9 15 | 0 39 | 20 35 | 0 45 | 5 15 | 5 33 | 18 12 | 17 52 | 4 2 |
| W17 | 21 2 | 1 50 | 1 55 | 20 24 | 1 50 | 11 26 | 1 31 | 10 29 | 0 38 | 13 58 | 0 53 | 7 17 | 2 29 | 7 36 | 0 48 | 9 14 | 0 39 | 20 35 | 0 45 | 5 13 | 5 32 | 18 12 | 17 52 | 4 2 |
| T 18 | 20 51 | 2n19 | 0 49 | 19 54 | 1 49 | 10 58 | 1 29 | 10 40 | 0 39 | 14 1 | 0 53 | 7 18 | 2 29 | 7 37 | 0 48 | 9 13 | 0 39 | 20 35 | 0 45 | 5 13 | 5 30 | 18 12 | 17 52 | 4 3 |
| F 19 | 20 40 | 6 26 | 0s21 | 19 22 | 1 48 | 10 31 | 1 27 | 10 52 | 0 40 | 14 3 | 0 53 | 7 19 | 2 28 | 7 38 | 0 48 | 9 13 | 0 39 | 20 35 | 0 45 | 5 13 | 5 29 | 18 13 | 17 53 | 4 3 |
| S 20 | 20 29 | 10 20 | 1 32 | 18 48 | 1 46 | 10 3 | 1 25 | 11 3 | 0 41 | 14 5 | 0 54 | 7 20 | 2 28 | 7 38 | 0 48 | 9 12 | 0 39 | 20 35 | 0 45 | 5 13 | 5 28 | 18 13 | 17 53 | 4 3 |
| S 21 | 20 17 | 13 44 | 2 40 | 18 14 | 1 44 | 9 35 | 1 23 | 11 15 | 0 42 | 14 7 | 0 54 | 7 21 | 2 28 | 7 39 | 0 48 | 9 11 | 0 39 | 20 34 | 0 45 | 5 12 | 5 27 | 18 13 | 17 53 | 4 4 |
| M22 | 20 6 | 16 23 | 3 38 | 17 38 | 1 41 | 9 7 | 1 20 | 11 26 | 0 43 | 14 10 | 0 54 | 7 22 | 2 28 | 7 39 | 0 48 | 9 11 | 0 39 | 20 34 | 0 45 | 5 11 | 5 25 | 18 13 | 17 53 | 4 4 |
| T 23 | 19 53 | 18 2 | 4 24 | 17 2 | 1 37 | 8 38 | 1 18 | 11 38 | 0 44 | 14 12 | 0 54 | 7 23 | 2 27 | 7 40 | 0 48 | 9 10 | 0 39 | 20 34 | 0 45 | 5 9 | 5 24 | 18 13 | 17 54 | 4 4 |
| W24 | 19 41 | 18 30 | 4 53 | 16 25 | 1 33 | 8 10 | 1 15 | 11 49 | 0 45 | 14 14 | 0 54 | 7 24 | 2 27 | 7 41 | 0 48 | 9 9 | 0 39 | 20 34 | 0 45 | 5 7 | 5 23 | 18 14 | 17 54 | 4 4 |
| T 25 | 19 28 | 17 41 | 5 2 | 15 47 | 1 28 | 7 41 | 1 12 | 12 1 | 0 46 | 14 17 | 0 55 | 7 25 | 2 27 | 7 41 | 0 48 | 9 9 | 0 39 | 20 34 | 0 45 | 5 3 | 5 22 | 18 14 | 17 54 | 4 5 |
| F 26 | 19 14 | 15 40 | 4 51 | 15 9 | 1 23 | 7 12 | 1 10 | 12 13 | 0 47 | 14 19 | 0 55 | 7 27 | 2 27 | 7 42 | 0 48 | 9 8 | 0 39 | 20 33 | 0 45 | 4 59 | 5 21 | 18 14 | 17 54 | 4 5 |
| S 27 | 19 1 | 12 39 | 4 20 | 14 30 | 1 17 | 6 43 | 1 7 | 12 24 | 0 47 | 14 22 | 0 55 | 7 28 | 2 26 | 7 43 | 0 48 | 9 7 | 0 39 | 20 33 | 0 45 | 4 55 | 5 19 | 18 14 | 17 54 | 4 5 |
| S 28 | 18 47 | 8 56 | 3 34 | 13 51 | 1 11 | 6 14 | 1 4 | 12 36 | 0 48 | 14 24 | 0 55 | 7 29 | 2 26 | 7 43 | 0 48 | 9 6 | 0 39 | 20 33 | 0 45 | 4 52 | 5 18 | 18 14 | 17 54 | 4 6 |
| M29 | 18 33 | 4 49 | 2 35 | 13 12 | 1 4 | 5 44 | 1 1 | 12 48 | 0 49 | 14 27 | 0 55 | 7 30 | 2 26 | 7 44 | 0 48 | 9 6 | 0 39 | 20 33 | 0 45 | 4 50 | 5 17 | 18 15 | 17 54 | 4 6 |
| T 30 | 18 18 | 0 34 | 1 30 | 12 32 | 0 57 | 5 15 | 0 58 | 12 59 | 0 50 | 14 29 | 0 56 | 7 32 | 2 26 | 7 45 | 0 48 | 9 5 | 0 39 | 20 33 | 0 45 | 4 48 | 5 16 | 18 15 | 17 54 | 4 6 |
| W31 | 18n 3 | 3s34 | 0s21 | 11n52 | 0n50 | 4n45 | 0n54 | 13s11 | 0s51 | 14s32 | 0s56 | 7s33 | 2n25 | 7s45 | 0s48 | 9n 4 | 0n39 | 20n32 | 0s44 | 4s48 | 5s14 | 18s15 | 17n55 | 4s 7 |

Julian Day Number = 2606589.5, Delta T = 09m50s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'31, Lahiri = 29°47'32


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## AUGUST 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 40 55 | 9♌35'48 | 20♎51 | 2♍31 | 21♍13 | 3♏15 | 23°R23 | 25♎29 | 12°R 3 | 8♍15 | 23♋57 | 12♎10 | 13♎15 | 19♐ 2 | 10♊37 | T 1 |
| F 2 | 20 44 52 | 10°33'09 | 3♏13 | 4° 1 | 22°21 | 3°48 | 23♒16 | 25°33 | 12♓ 1 | 8°17 | 23°59 | 12°11 | 13°12 | 19° 9 | 10°40 | F 2 |
| S 3 | 20 48 48 | 11°30'30 | 15°19 | 5°29 | 23°29 | 4°20 | 23° 8 | 25°36 | 12° 0 | 8°19 | 24° 0 | 12°R11 | 13° 9 | 19°16 | 10°43 | S 3 |
| S 4 | 20 52 45 | 12°27'51 | 27°15 | 6°54 | 24°36 | 4°53 | 23° 1 | 25°40 | 11°58 | 8°21 | 24° 2 | 12°10 | 13° 6 | 19°22 | 10°46 | S 4 |
| M 5 | 20 56 41 | 13°25'13 | 9♐ 7 | 8°18 | 25°44 | 5°25 | 22°53 | 25°44 | 11°56 | 8°23 | 24° 3 | 12° 7 | 13° 2 | 19°29 | 10°48 | M 5 |
| T 6 | 21 0 38 | 14°22'36 | 20°59 | 9°40 | 26°51 | 5°59 | 22°46 | 25°47 | 11°54 | 8°25 | 24° 5 | 12° 1 | 12°59 | 19°36 | 10°51 | T 6 |
| W 7 | 21 4 34 | 15°19'59 | 2♑54 | 11° 0 | 27°58 | 6°32 | 22°38 | 25°51 | 11°52 | 8°27 | 24° 6 | 11°54 | 12°56 | 19°43 | 10°53 | W 7 |
| T 8 | 21 8 31 | 16°17'23 | 14°57 | 12°18 | 29° 5 | 7° 5 | 22°30 | 25°55 | 11°49 | 8°29 | 24° 8 | 11°44 | 12°53 | 19°49 | 10°56 | T 8 |
| F 9 | 21 12 28 | 17°14'48 | 27° 8 | 13°33 | 0♎12 | 7°39 | 22°23 | 25°59 | 11°47 | 8°32 | 24° 9 | 11°35 | 12°50 | 19°56 | 10°58 | F 9 |
| S 10 | 21 16 24 | 18°12'13 | 9♒30 | 14°47 | 1°19 | 8°13 | 22°15 | 26° 3 | 11°45 | 8°34 | 24°11 | 11°25 | 12°46 | 20° 3 | 11° 1 | S 10 |
| S 11 | 21 20 21 | 19° 9'39 | 22° 4 | 15°58 | 2°26 | 8°47 | 22° 7 | 26° 7 | 11°43 | 8°36 | 24°12 | 11°16 | 12°43 | 20° 9 | 11° 3 | S 11 |
| M12 | 21 24 17 | 20° 7'06 | 4♓49 | 17° 7 | 3°32 | 9°21 | 21°59 | 26°11 | 11°41 | 8°38 | 24°13 | 11° 9 | 12°40 | 20°16 | 11° 6 | M12 |
| T 13 | 21 28 14 | 21° 4'34 | 17°46 | 18°14 | 4°38 | 9°55 | 21°51 | 26°16 | 11°39 | 8°40 | 24°15 | 11° 5 | 12°37 | 20°23 | 11° 8 | T 13 |
| W14 | 21 32 10 | 22° 2'03 | 0♈55 | 19°18 | 5°45 | 10°30 | 21°44 | 26°20 | 11°37 | 8°42 | 24°16 | 11° 2 | 12°34 | 20°30 | 11°10 | W14 |
| T 15 | 21 36 7 | 22°59'34 | 14°16 | 20°20 | 6°51 | 11° 5 | 21°36 | 26°25 | 11°34 | 8°44 | 24°18 | 11°D 2 | 12°31 | 20°36 | 11°12 | T 15 |
| F 16 | 21 40 3 | 23°57'05 | 27°48 | 21°19 | 7°56 | 11°40 | 21°28 | 26°29 | 11°32 | 8°46 | 24°19 | 11° 3 | 12°27 | 20°43 | 11°14 | F 16 |
| S 17 | 21 44 0 | 24°54'38 | 11♉33 | 22°15 | 9° 2 | 12°15 | 21°20 | 26°34 | 11°30 | 8°49 | 24°20 | 11° 4 | 12°24 | 20°50 | 11°16 | S 17 |
| S 18 | 21 47 57 | 25°52'13 | 25°31 | 23° 8 | 10° 7 | 12°50 | 21°12 | 26°38 | 11°28 | 8°51 | 24°22 | 11°R 4 | 12°21 | 20°56 | 11°18 | S 18 |
| M19 | 21 51 53 | 26°49'49 | 9♊42 | 23°58 | 11°13 | 13°25 | 21° 5 | 26°43 | 11°25 | 8°53 | 24°23 | 11° 4 | 12°18 | 21° 3 | 11°20 | M19 |
| T 20 | 21 55 50 | 27°47'26 | 24° 3 | 24°45 | 12°18 | 14° 1 | 20°57 | 26°48 | 11°23 | 8°55 | 24°24 | 11° 1 | 12°15 | 21°10 | 11°22 | T 20 |
| W21 | 21 59 46 | 28°45'05 | 8♋31 | 25°28 | 13°23 | 14°37 | 20°49 | 26°53 | 11°21 | 8°57 | 24°26 | 10°57 | 12°12 | 21°17 | 11°24 | W21 |
| T 22 | 22 3 43 | 29°42'45 | 23° 3 | 26° 8 | 14°27 | 15°13 | 20°41 | 26°58 | 11°18 | 9° 0 | 24°27 | 10°52 | 12° 8 | 21°23 | 11°26 | T 22 |
| F 23 | 22 7 39 | 0♍40'27 | 7♌32 | 26°44 | 15°32 | 15°49 | 20°34 | 27° 3 | 11°16 | 9° 2 | 24°28 | 10°45 | 12° 5 | 21°30 | 11°27 | F 23 |
| S 24 | 22 11 36 | 1°38'10 | 21°52 | 27°15 | 16°36 | 16°25 | 20°26 | 27° 8 | 11°14 | 9° 4 | 24°30 | 10°39 | 12° 2 | 21°37 | 11°29 | S 24 |
| S 25 | 22 15 32 | 2°35'55 | 5♍57 | 27°43 | 17°40 | 17° 2 | 20°19 | 27°13 | 11°11 | 9° 6 | 24°31 | 10°34 | 11°59 | 21°43 | 11°31 | S 25 |
| M26 | 22 19 29 | 3°33'40 | 19°43 | 28° 6 | 18°44 | 17°38 | 20°11 | 27°18 | 11° 9 | 9° 8 | 24°32 | 10°31 | 11°56 | 21°50 | 11°32 | M26 |
| T 27 | 22 23 26 | 4°31'27 | 3♎ 7 | 28°24 | 19°48 | 18°15 | 20° 4 | 27°24 | 11° 7 | 9°11 | 24°34 | 10°29 | 11°52 | 21°57 | 11°33 | T 27 |
| W28 | 22 27 22 | 5°29'15 | 16° 8 | 28°38 | 20°51 | 18°52 | 19°57 | 27°29 | 11° 4 | 9°13 | 24°35 | 10°D29 | 11°49 | 22° 4 | 11°35 | W28 |
| T 29 | 22 31 19 | 6°27'04 | 28°49 | 28°46 | 21°55 | 19°29 | 19°49 | 27°34 | 11° 2 | 9°15 | 24°36 | 10°30 | 11°46 | 22°10 | 11°36 | T 29 |
| F 30 | 22 35 15 | 7°24'55 | 11♏11 | 28°R48 | 22°58 | 20° 6 | 19°42 | 27°40 | 11° 0 | 9°17 | 24°37 | 10°32 | 11°43 | 22°17 | 11°37 | F 30 |
| S 31 | 22 39 12 | 8♍22'47 | 23♏19 | 28♍45 | 24♎ 0 | 20♏44 | 19♒35 | 27♎45 | 10♓57 | 9♍19 | 24♋38 | 10♎34 | 11♎40 | 22♐24 | 11♊38 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n48 | 7s24 | 0n46 | 11n12 | 0n42 | 4n15 | 0n51 | 13s23 | 0s52 | 14s34 | 0s56 | 7s35 | 2n25 | 7s46 | 0s49 | 9n 3 | 0n39 | 20n32 | 0s44 | 4s48 | 5s13 | 18s15 | 17n55 | 4s 7 |
| F 2 | 17 33 | 10 50 | 1 50 | 10 33 | 0 34 | 3 45 | 0 48 | 13 35 | 0 53 | 14 37 | 0 56 | 7 36 | 2 25 | 7 47 | 0 49 | 9 3 | 0 39 | 20 32 | 0 44 | 4 48 | 5 12 | 18 15 | 17 55 | 4 7 |
| S 3 | 17 17 | 13 43 | 2 47 | 9 53 | 0 26 | 3 15 | 0 44 | 13 46 | 0 54 | 14 39 | 0 56 | 7 38 | 2 25 | 7 48 | 0 49 | 9 2 | 0 39 | 20 32 | 0 44 | 4 48 | 5 11 | 18 15 | 17 55 | 4 8 |
| S 4 | 17 1 | 15 59 | 3 37 | 9 13 | 0 17 | 2 45 | 0 40 | 13 58 | 0 54 | 14 42 | 0 56 | 7 39 | 2 25 | 7 48 | 0 49 | 9 1 | 0 39 | 20 31 | 0 44 | 4 48 | 5 9 | 18 16 | 17 55 | 4 8 |
| M 5 | 16 45 | 17 32 | 4 16 | 8 34 | 0 8 | 2 15 | 0 37 | 14 10 | 0 55 | 14 45 | 0 57 | 7 41 | 2 24 | 7 49 | 0 49 | 9 0 | 0 39 | 20 31 | 0 44 | 4 47 | 5 8 | 18 16 | 17 55 | 4 8 |
| T 6 | 16 29 | 18 20 | 4 45 | 7 54 | 0s 1 | 1 45 | 0 33 | 14 22 | 0 56 | 14 47 | 0 57 | 7 42 | 2 24 | 7 50 | 0 49 | 9 0 | 0 39 | 20 31 | 0 44 | 4 44 | 5 7 | 18 16 | 17 55 | 4 9 |
| W 7 | 16 12 | 18 20 | 5 1 | 7 15 | 0 11 | 1 15 | 0 29 | 14 33 | 0 57 | 14 50 | 0 57 | 7 44 | 2 24 | 7 51 | 0 49 | 8 59 | 0 39 | 20 31 | 0 44 | 4 41 | 5 6 | 18 16 | 17 55 | 4 9 |
| T 8 | 15 55 | 17 30 | 5 5 | 6 37 | 0 21 | 0 45 | 0 25 | 14 45 | 0 58 | 14 53 | 0 57 | 7 45 | 2 24 | 7 52 | 0 49 | 8 58 | 0 39 | 20 31 | 0 44 | 4 38 | 5 5 | 18 16 | 17 55 | 4 9 |
| F 9 | 15 38 | 15 52 | 4 54 | 5 59 | 0 31 | 0 15 | 0 21 | 14 57 | 0 58 | 14 55 | 0 57 | 7 47 | 2 23 | 7 52 | 0 49 | 8 57 | 0 39 | 20 30 | 0 44 | 4 34 | 5 3 | 18 16 | 17 55 | 4 10 |
| S 10 | 15 20 | 13 30 | 4 30 | 5 21 | 0 41 | 0s16 | 0 17 | 15 9 | 0 59 | 14 58 | 0 57 | 7 49 | 2 23 | 7 53 | 0 49 | 8 57 | 0 39 | 20 30 | 0 44 | 4 30 | 5 2 | 18 16 | 17 55 | 4 10 |
| S 11 | 15 2 | 10 28 | 3 52 | 4 44 | 0 51 | 0 46 | 0 13 | 15 20 | 1 0 | 15 1 | 0 57 | 7 50 | 2 23 | 7 54 | 0 49 | 8 56 | 0 39 | 20 30 | 0 44 | 4 27 | 5 1 | 18 17 | 17 55 | 4 10 |
| M12 | 14 45 | 6 54 | 3 2 | 4 8 | 1 2 | 1 16 | 0 9 | 15 32 | 1 1 | 15 3 | 0 58 | 7 52 | 2 23 | 7 55 | 0 49 | 8 55 | 0 39 | 20 30 | 0 44 | 4 24 | 5 0 | 18 17 | 17 55 | 4 11 |
| T 13 | 14 26 | 2 57 | 2 2 | 3 32 | 1 12 | 1 46 | 0 4 | 15 43 | 1 1 | 15 6 | 0 58 | 7 54 | 2 22 | 7 56 | 0 49 | 8 54 | 0 39 | 20 30 | 0 44 | 4 22 | 4 58 | 18 17 | 17 55 | 4 11 |
| W14 | 14 8 | 1n12 | 0 54 | 2 57 | 1 23 | 2 17 | 0s 0 | 15 55 | 1 2 | 15 8 | 0 58 | 7 56 | 2 22 | 7 57 | 0 49 | 8 53 | 0 39 | 20 29 | 0 44 | 4 21 | 4 57 | 18 17 | 17 55 | 4 11 |
| T 15 | 13 49 | 5 20 | 0s17 | 2 23 | 1 34 | 2 47 | 0 5 | 16 6 | 1 3 | 15 11 | 0 58 | 7 57 | 2 22 | 7 57 | 0 49 | 8 53 | 0 39 | 20 29 | 0 44 | 4 21 | 4 56 | 18 17 | 17 55 | 4 12 |
| F 16 | 13 30 | 9 17 | 1 29 | 1 50 | 1 45 | 3 17 | 0 9 | 16 18 | 1 3 | 15 14 | 0 58 | 7 59 | 2 22 | 7 58 | 0 49 | 8 52 | 0 39 | 20 29 | 0 44 | 4 22 | 4 55 | 18 17 | 17 55 | 4 12 |
| S 17 | 13 11 | 12 46 | 2 37 | 1 18 | 1 56 | 3 47 | 0 14 | 16 29 | 1 4 | 15 16 | 0 58 | 8 1 | 2 22 | 7 59 | 0 49 | 8 51 | 0 39 | 20 29 | 0 44 | 4 22 | 4 53 | 18 17 | 17 55 | 4 12 |
| S 18 | 12 52 | 15 35 | 3 37 | 0 47 | 2 7 | 4 17 | 0 19 | 16 41 | 1 5 | 15 19 | 0 58 | 8 3 | 2 21 | 8 0 | 0 49 | 8 50 | 0 39 | 20 29 | 0 44 | 4 22 | 4 52 | 18 17 | 17 54 | 4 13 |
| M19 | 12 32 | 17 29 | 4 24 | 0 17 | 2 18 | 4 47 | 0 23 | 16 52 | 1 5 | 15 22 | 0 58 | 8 5 | 2 21 | 8 1 | 0 49 | 8 49 | 0 39 | 20 29 | 0 43 | 4 22 | 4 51 | 18 18 | 17 54 | 4 13 |
| T 20 | 12 13 | 18 19 | 4 56 | 0s12 | 2 29 | 5 17 | 0 28 | 17 3 | 1 6 | 15 24 | 0 58 | 8 7 | 2 21 | 8 2 | 0 49 | 8 49 | 0 39 | 20 28 | 0 43 | 4 21 | 4 50 | 18 18 | 17 54 | 4 13 |
| W21 | 11 53 | 17 58 | 5 9 | 0 39 | 2 40 | 5 47 | 0 33 | 17 15 | 1 7 | 15 27 | 0 58 | 8 9 | 2 21 | 8 3 | 0 49 | 8 48 | 0 39 | 20 28 | 0 43 | 4 19 | 4 48 | 18 18 | 17 54 | 4 14 |
| T 22 | 11 33 | 16 27 | 5 2 | 1 5 | 2 51 | 6 16 | 0 38 | 17 26 | 1 7 | 15 29 | 0 59 | 8 11 | 2 21 | 8 4 | 0 49 | 8 47 | 0 39 | 20 28 | 0 43 | 4 17 | 4 47 | 18 18 | 17 54 | 4 14 |
| F 23 | 11 12 | 13 53 | 4 36 | 1 28 | 3 1 | 6 46 | 0 43 | 17 37 | 1 8 | 15 32 | 0 59 | 8 13 | 2 20 | 8 4 | 0 49 | 8 46 | 0 39 | 20 28 | 0 43 | 4 15 | 4 46 | 18 18 | 17 54 | 4 15 |
| S 24 | 10 52 | 10 30 | 3 53 | 1 51 | 3 12 | 7 15 | 0 48 | 17 48 | 1 8 | 15 34 | 0 59 | 8 15 | 2 20 | 8 5 | 0 49 | 8 45 | 0 39 | 20 28 | 0 43 | 4 13 | 4 45 | 18 18 | 17 54 | 4 15 |
| S 25 | 10 31 | 6 34 | 2 57 | 2 11 | 3 22 | 7 44 | 0 53 | 17 59 | 1 9 | 15 37 | 0 59 | 8 17 | 2 20 | 8 6 | 0 49 | 8 44 | 0 39 | 20 27 | 0 43 | 4 11 | 4 44 | 18 18 | 17 54 | 4 15 |
| M26 | 10 11 | 2 22 | 1 51 | 2 29 | 3 32 | 8 14 | 0 59 | 18 10 | 1 10 | 15 39 | 0 59 | 8 19 | 2 20 | 8 7 | 0 49 | 8 44 | 0 39 | 20 27 | 0 43 | 4 9 | 4 42 | 18 18 | 17 53 | 4 16 |
| T 27 | 9 50 | 1s51 | 0 40 | 2 45 | 3 41 | 8 43 | 1 4 | 18 21 | 1 10 | 15 41 | 0 59 | 8 21 | 2 20 | 8 8 | 0 49 | 8 43 | 0 39 | 20 27 | 0 43 | 4 9 | 4 41 | 18 18 | 17 53 | 4 16 |
| W28 | 9 29 | 5 52 | 0n31 | 2 58 | 3 50 | 9 11 | 1 9 | 18 31 | 1 11 | 15 44 | 0 59 | 8 23 | 2 20 | 8 9 | 0 49 | 8 42 | 0 39 | 20 27 | 0 43 | 4 9 | 4 40 | 18 19 | 17 53 | 4 16 |
| T 29 | 9 7 | 9 30 | 1 38 | 3 9 | 3 58 | 9 40 | 1 14 | 18 42 | 1 11 | 15 46 | 0 59 | 8 25 | 2 19 | 8 10 | 0 49 | 8 41 | 0 39 | 20 27 | 0 43 | 4 9 | 4 39 | 18 19 | 17 53 | 4 17 |
| F 30 | 8 46 | 12 37 | 2 40 | 3 17 | 4 6 | 10 9 | 1 20 | 18 53 | 1 12 | 15 48 | 0 59 | 8 27 | 2 19 | 8 11 | 0 49 | 8 40 | 0 39 | 20 27 | 0 43 | 4 10 | 4 37 | 18 19 | 17 53 | 4 17 |
| S 31 | 8n24 | 15s 7 | 3n33 | 3s22 | 4s13 | 10s37 | 1s25 | 19s 3 | 1s12 | 15s51 | 0s59 | 8s29 | 2n19 | 8s12 | 0s49 | 8n40 | 0n39 | 20n26 | 0s43 | 4s10 | 4s36 | 18s19 | 17n52 | 4s18 |

Julian Day Number = 2606620.5, Delta T = 09m50s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'35, Lahiri = 29°47'36


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## SEPTEMBER 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 43 8 | 9♍20'40 | 5♐17 | 28°R37 | 25♎ 3 | 21♏21 | 19°R28 | 27♎51 | 10°R55 | 9♍22 | 24♋40 | 10°R34 | 11♎37 | 22♐30 | 11♊40 | S 1 |
| M 2 | 22 47 5 | 10°18'34 | 17°11 | 28♍22 | 26° 5 | 21°59 | 19♒21 | 27°57 | 10♓52 | 9°24 | 24°41 | 10♎34 | 11°33 | 22°37 | 11°41 | M 2 |
| T 3 | 22 51 1 | 11°16'29 | 29° 4 | 28° 1 | 27° 7 | 22°37 | 19°15 | 28° 2 | 10°50 | 9°26 | 24°42 | 10°33 | 11°30 | 22°44 | 11°42 | T 3 |
| W 4 | 22 54 58 | 12°14'26 | 11♑ 1 | 27°34 | 28° 8 | 23°14 | 19° 8 | 28° 8 | 10°48 | 9°28 | 24°43 | 10°30 | 11°27 | 22°51 | 11°42 | W 4 |
| T 5 | 22 58 55 | 13°12'24 | 23° 7 | 27° 2 | 29°10 | 23°53 | 19° 2 | 28°14 | 10°45 | 9°31 | 24°44 | 10°27 | 11°24 | 22°57 | 11°43 | T 5 |
| F 6 | 23 2 51 | 14°10'23 | 5♒25 | 26°23 | 0♏11 | 24°31 | 18°55 | 28°20 | 10°43 | 9°33 | 24°45 | 10°22 | 11°21 | 23° 4 | 11°44 | F 6 |
| S 7 | 23 6 48 | 15° 8'24 | 17°56 | 25°40 | 1°11 | 25° 9 | 18°49 | 28°26 | 10°41 | 9°35 | 24°46 | 10°18 | 11°18 | 23°11 | 11°45 | S 7 |
| S 8 | 23 10 44 | 16° 6'26 | 0♓44 | 24°51 | 2°12 | 25°48 | 18°43 | 28°32 | 10°38 | 9°37 | 24°47 | 10°14 | 11°14 | 23°17 | 11°45 | S 8 |
| M 9 | 23 14 41 | 17° 4'30 | 13°47 | 23°59 | 3°12 | 26°26 | 18°37 | 28°38 | 10°36 | 9°39 | 24°48 | 10°12 | 11°11 | 23°24 | 11°46 | M 9 |
| T 10 | 23 18 37 | 18° 2'35 | 27° 5 | 23° 4 | 4°11 | 27° 5 | 18°31 | 28°44 | 10°33 | 9°42 | 24°49 | 10°10 | 11° 8 | 23°31 | 11°47 | T 10 |
| W11 | 23 22 34 | 19° 0'42 | 10♈38 | 22° 6 | 5°11 | 27°44 | 18°25 | 28°50 | 10°31 | 9°44 | 24°50 | 10°D10 | 11° 5 | 23°38 | 11°47 | W11 |
| T 12 | 23 26 30 | 19°58'51 | 24°23 | 21° 7 | 6°10 | 28°23 | 18°19 | 28°56 | 10°29 | 9°46 | 24°51 | 10°10 | 11° 2 | 23°44 | 11°47 | T 12 |
| F 13 | 23 30 27 | 20°57'01 | 8♉18 | 20° 9 | 7° 8 | 29° 2 | 18°14 | 29° 2 | 10°26 | 9°48 | 24°52 | 10°11 | 10°58 | 23°51 | 11°48 | F 13 |
| S 14 | 23 34 23 | 21°55'14 | 22°21 | 19°12 | 8° 6 | 29°41 | 18° 9 | 29° 9 | 10°24 | 9°50 | 24°53 | 10°12 | 10°55 | 23°58 | 11°48 | S 14 |
| S 15 | 23 38 20 | 22°53'29 | 6♊30 | 18°18 | 9° 4 | 0♐21 | 18° 3 | 29°15 | 10°22 | 9°53 | 24°54 | 10°14 | 10°52 | 24° 4 | 11°48 | S 15 |
| M16 | 23 42 17 | 23°51'45 | 20°42 | 17°28 | 10° 2 | 1° 0 | 17°58 | 29°21 | 10°19 | 9°55 | 24°55 | 10°R14 | 10°49 | 24°11 | 11°48 | M16 |
| T 17 | 23 46 13 | 24°50'04 | 4♋55 | 16°44 | 10°58 | 1°40 | 17°54 | 29°28 | 10°17 | 9°57 | 24°56 | 10°14 | 10°46 | 24°18 | 11°R48 | T 17 |
| W18 | 23 50 10 | 25°48'25 | 19° 7 | 16° 6 | 11°55 | 2°20 | 17°49 | 29°34 | 10°15 | 9°59 | 24°57 | 10°13 | 10°43 | 24°25 | 11°48 | W18 |
| T 19 | 23 54 6 | 26°46'48 | 3♌16 | 15°35 | 12°51 | 3° 0 | 17°44 | 29°41 | 10°13 | 10° 1 | 24°58 | 10°12 | 10°39 | 24°31 | 11°48 | T 19 |
| F 20 | 23 58 3 | 27°45'13 | 17°17 | 15°13 | 13°46 | 3°40 | 17°40 | 29°47 | 10°10 | 10° 3 | 24°59 | 10°10 | 10°36 | 24°38 | 11°48 | F 20 |
| S 21 | 0 1 59 | 28°43'40 | 1♍ 9 | 15° 0 | 14°42 | 4°20 | 17°36 | 29°54 | 10° 8 | 10° 6 | 24°59 | 10° 9 | 10°33 | 24°45 | 11°48 | S 21 |
| S 22 | 0 5 56 | 29°42'09 | 14°48 | 14°D55 | 15°36 | 5° 0 | 17°32 | 0♏ 0 | 10° 6 | 10° 8 | 25° 0 | 10° 7 | 10°30 | 24°51 | 11°47 | S 22 |
| M23 | 0 9 52 | 0♎40'40 | 28°12 | 15° 1 | 16°30 | 5°40 | 17°28 | 0° 7 | 10° 4 | 10°10 | 25° 1 | 10° 7 | 10°27 | 24°58 | 11°47 | M23 |
| T 24 | 0 13 49 | 1°39'13 | 11♎20 | 15°15 | 17°24 | 6°21 | 17°24 | 0°14 | 10° 1 | 10°12 | 25° 2 | 10°D 6 | 10°23 | 25° 5 | 11°46 | T 24 |
| W25 | 0 17 46 | 2°37'48 | 24°11 | 15°39 | 18°17 | 7° 2 | 17°21 | 0°21 | 9°59 | 10°14 | 25° 2 | 10° 7 | 10°20 | 25°12 | 11°46 | W25 |
| T 26 | 0 21 42 | 3°36'24 | 6♏45 | 16°13 | 19° 9 | 7°42 | 17°18 | 0°27 | 9°57 | 10°16 | 25° 3 | 10° 7 | 10°17 | 25°18 | 11°45 | T 26 |
| F 27 | 0 25 39 | 4°35'02 | 19° 5 | 16°55 | 20° 1 | 8°23 | 17°15 | 0°34 | 9°55 | 10°18 | 25° 4 | 10° 8 | 10°14 | 25°25 | 11°45 | F 27 |
| S 28 | 0 29 35 | 5°33'42 | 1♐12 | 17°45 | 20°52 | 9° 4 | 17°12 | 0°41 | 9°53 | 10°20 | 25° 5 | 10° 8 | 10°11 | 25°32 | 11°44 | S 28 |
| S 29 | 0 33 32 | 6°32'24 | 13°10 | 18°43 | 21°42 | 9°45 | 17° 9 | 0°48 | 9°51 | 10°22 | 25° 5 | 10° 9 | 10° 8 | 25°38 | 11°43 | S 29 |
| M30 | 0 37 28 | 7♎31'07 | 25♐ 4 | 19♍49 | 22♏32 | 10♐26 | 17♒ 6 | 0♏55 | 9♓49 | 10♍24 | 25♋ 6 | 10♎ 9 | 10♎ 4 | 25♐45 | 11♊42 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n 3 | 16s56 | 4n16 | 3s24 | 4s19 | 11s 5 | 1s31 | 19s14 | 1s13 | 15s53 | 0s59 | 8s31 | 2n19 | 8s13 | 0s49 | 8n39 | 0n39 | 20n26 | 0s43 | 4s11 | 4s35 | 18s19 | 17n52 | 4s18 |
| M 2 | 7 41 | 18 0 | 4 48 | 3 23 | 4 24 | 11 33 | 1 36 | 19 24 | 1 13 | 15 55 | 0 59 | 8 33 | 2 19 | 8 14 | 0 49 | 8 38 | 0 39 | 20 26 | 0 43 | 4 11 | 4 34 | 18 19 | 17 52 | 4 18 |
| T 3 | 7 19 | 18 16 | 5 7 | 3 18 | 4 27 | 12 0 | 1 42 | 19 34 | 1 14 | 15 57 | 0 59 | 8 36 | 2 18 | 8 14 | 0 49 | 8 37 | 0 39 | 20 26 | 0 43 | 4 10 | 4 32 | 18 19 | 17 52 | 4 19 |
| W 4 | 6 57 | 17 43 | 5 13 | 3 10 | 4 30 | 12 28 | 1 48 | 19 44 | 1 14 | 15 59 | 0 59 | 8 38 | 2 18 | 8 15 | 0 49 | 8 36 | 0 39 | 20 26 | 0 43 | 4 9 | 4 31 | 18 19 | 17 51 | 4 19 |
| T 5 | 6 35 | 16 23 | 5 6 | 2 58 | 4 31 | 12 55 | 1 53 | 19 54 | 1 15 | 16 1 | 0 59 | 8 40 | 2 18 | 8 16 | 0 49 | 8 35 | 0 39 | 20 26 | 0 43 | 4 7 | 4 30 | 18 19 | 17 51 | 4 20 |
| F 6 | 6 13 | 14 17 | 4 44 | 2 42 | 4 30 | 13 22 | 1 59 | 20 4 | 1 15 | 16 3 | 0 59 | 8 42 | 2 18 | 8 17 | 0 49 | 8 35 | 0 39 | 20 26 | 0 43 | 4 6 | 4 29 | 18 19 | 17 51 | 4 20 |
| S 7 | 5 50 | 11 28 | 4 9 | 2 23 | 4 28 | 13 49 | 2 5 | 20 14 | 1 16 | 16 5 | 0 59 | 8 45 | 2 18 | 8 18 | 0 49 | 8 34 | 0 39 | 20 25 | 0 43 | 4 4 | 4 27 | 18 19 | 17 50 | 4 20 |
| S 8 | 5 28 | 8 4 | 3 20 | 2 0 | 4 24 | 14 15 | 2 11 | 20 24 | 1 16 | 16 7 | 0 59 | 8 47 | 2 18 | 8 19 | 0 49 | 8 33 | 0 39 | 20 25 | 0 43 | 4 3 | 4 26 | 18 19 | 17 50 | 4 21 |
| M 9 | 5 6 | 4 12 | 2 20 | 1 34 | 4 18 | 14 41 | 2 16 | 20 33 | 1 17 | 16 9 | 0 59 | 8 49 | 2 18 | 8 20 | 0 49 | 8 32 | 0 39 | 20 25 | 0 42 | 4 2 | 4 25 | 18 19 | 17 50 | 4 21 |
| T 10 | 4 43 | 0 4 | 1 11 | 1 5 | 4 10 | 15 7 | 2 22 | 20 43 | 1 17 | 16 11 | 0 59 | 8 51 | 2 17 | 8 21 | 0 49 | 8 31 | 0 39 | 20 25 | 0 42 | 4 1 | 4 24 | 18 19 | 17 49 | 4 22 |
| W11 | 4 20 | 4n10 | 0s 3 | 0 34 | 4 0 | 15 32 | 2 28 | 20 52 | 1 17 | 16 13 | 0 59 | 8 54 | 2 17 | 8 22 | 0 49 | 8 30 | 0 39 | 20 25 | 0 42 | 4 1 | 4 22 | 18 19 | 17 49 | 4 22 |
| T 12 | 3 58 | 8 14 | 1 18 | 0n 0 | 3 49 | 15 58 | 2 34 | 21 1 | 1 18 | 16 14 | 0 59 | 8 56 | 2 17 | 8 23 | 0 49 | 8 30 | 0 39 | 20 25 | 0 42 | 4 1 | 4 21 | 18 20 | 17 49 | 4 22 |
| F 13 | 3 35 | 11 53 | 2 29 | 0 35 | 3 35 | 16 23 | 2 40 | 21 10 | 1 18 | 16 16 | 0 59 | 8 58 | 2 17 | 8 23 | 0 49 | 8 29 | 0 39 | 20 25 | 0 42 | 4 1 | 4 20 | 18 20 | 17 48 | 4 23 |
| S 14 | 3 12 | 14 53 | 3 32 | 1 11 | 3 20 | 16 47 | 2 46 | 21 19 | 1 19 | 16 18 | 0 59 | 9 1 | 2 17 | 8 24 | 0 49 | 8 28 | 0 39 | 20 24 | 0 42 | 4 2 | 4 19 | 18 20 | 17 48 | 4 23 |
| S 15 | 2 49 | 17 1 | 4 23 | 1 48 | 3 4 | 17 11 | 2 51 | 21 28 | 1 19 | 16 19 | 0 59 | 9 3 | 2 17 | 8 25 | 0 49 | 8 27 | 0 39 | 20 24 | 0 42 | 4 2 | 4 17 | 18 20 | 17 48 | 4 23 |
| M16 | 2 26 | 18 6 | 4 58 | 2 23 | 2 46 | 17 35 | 2 57 | 21 36 | 1 19 | 16 21 | 0 59 | 9 5 | 2 17 | 8 26 | 0 49 | 8 26 | 0 39 | 20 24 | 0 42 | 4 3 | 4 16 | 18 20 | 17 47 | 4 24 |
| T 17 | 2 3 | 18 3 | 5 15 | 2 58 | 2 27 | 17 59 | 3 3 | 21 45 | 1 20 | 16 22 | 0 59 | 9 8 | 2 16 | 8 27 | 0 49 | 8 26 | 0 39 | 20 24 | 0 42 | 4 3 | 4 15 | 18 20 | 17 47 | 4 24 |
| W18 | 1 40 | 16 52 | 5 12 | 3 30 | 2 8 | 18 22 | 3 9 | 21 53 | 1 20 | 16 24 | 0 59 | 9 10 | 2 16 | 8 28 | 0 49 | 8 25 | 0 39 | 20 24 | 0 42 | 4 2 | 4 14 | 18 20 | 17 47 | 4 25 |
| T 19 | 1 17 | 14 40 | 4 51 | 4 0 | 1 49 | 18 45 | 3 15 | 22 1 | 1 20 | 16 25 | 0 59 | 9 12 | 2 16 | 8 29 | 0 49 | 8 24 | 0 39 | 20 24 | 0 42 | 4 2 | 4 13 | 18 20 | 17 46 | 4 25 |
| F 20 | 0 53 | 11 36 | 4 12 | 4 27 | 1 29 | 19 8 | 3 21 | 22 9 | 1 21 | 16 26 | 0 59 | 9 15 | 2 16 | 8 29 | 0 49 | 8 23 | 0 39 | 20 24 | 0 42 | 4 1 | 4 11 | 18 20 | 17 46 | 4 25 |
| S 21 | 0 30 | 7 56 | 3 19 | 4 50 | 1 9 | 19 30 | 3 27 | 22 17 | 1 21 | 16 28 | 0 59 | 9 17 | 2 16 | 8 30 | 0 49 | 8 22 | 0 39 | 20 24 | 0 42 | 4 0 | 4 10 | 18 20 | 17 45 | 4 26 |
| S 22 | 0 7 | 3 53 | 2 16 | 5 9 | 0 50 | 19 52 | 3 33 | 22 25 | 1 21 | 16 29 | 0 59 | 9 20 | 2 16 | 8 31 | 0 49 | 8 22 | 0 39 | 20 24 | 0 42 | 4 0 | 4 9 | 18 20 | 17 45 | 4 26 |
| M23 | 0s16 | 0s17 | 1 5 | 5 25 | 0 31 | 20 13 | 3 38 | 22 32 | 1 22 | 16 30 | 0 59 | 9 22 | 2 16 | 8 32 | 0 49 | 8 21 | 0 39 | 20 23 | 0 42 | 4 0 | 4 8 | 18 20 | 17 44 | 4 27 |
| T 24 | 0 39 | 4 22 | 0n 7 | 5 35 | 0 14 | 20 34 | 3 44 | 22 40 | 1 22 | 16 31 | 0 59 | 9 24 | 2 16 | 8 33 | 0 49 | 8 20 | 0 39 | 20 23 | 0 42 | 4 0 | 4 6 | 18 20 | 17 44 | 4 27 |
| W25 | 1 3 | 8 10 | 1 17 | 5 42 | 0n 3 | 20 54 | 3 50 | 22 47 | 1 22 | 16 32 | 0 59 | 9 27 | 2 16 | 8 33 | 0 49 | 8 19 | 0 39 | 20 23 | 0 42 | 4 0 | 4 5 | 18 20 | 17 44 | 4 27 |
| T 26 | 1 26 | 11 30 | 2 22 | 5 43 | 0 19 | 21 15 | 3 56 | 22 54 | 1 23 | 16 33 | 0 59 | 9 29 | 2 15 | 8 34 | 0 49 | 8 19 | 0 39 | 20 23 | 0 42 | 4 0 | 4 4 | 18 20 | 17 43 | 4 28 |
| F 27 | 1 49 | 14 15 | 3 20 | 5 40 | 0 34 | 21 34 | 4 1 | 23 1 | 1 23 | 16 34 | 0 59 | 9 32 | 2 15 | 8 35 | 0 49 | 8 18 | 0 39 | 20 23 | 0 42 | 4 0 | 4 3 | 18 20 | 17 43 | 4 28 |
| S 28 | 2 12 | 16 19 | 4 7 | 5 33 | 0 47 | 21 54 | 4 7 | 23 8 | 1 23 | 16 35 | 0 59 | 9 34 | 2 15 | 8 36 | 0 49 | 8 17 | 0 39 | 20 23 | 0 42 | 4 0 | 4 1 | 18 20 | 17 42 | 4 29 |
| S 29 | 2 35 | 17 39 | 4 43 | 5 22 | 0 59 | 22 13 | 4 13 | 23 14 | 1 23 | 16 35 | 0 59 | 9 37 | 2 15 | 8 37 | 0 49 | 8 16 | 0 39 | 20 23 | 0 42 | 4 1 | 4 0 | 18 20 | 17 42 | 4 29 |
| M30 | 2s59 | 18s11 | 5n 6 | 5n 6 | 1n10 | 22s31 | 4s18 | 23s20 | 1s24 | 16s36 | 0s59 | 9s39 | 2n15 | 8s37 | 0s49 | 8n16 | 0n40 | 20n23 | 0s42 | 4s 1 | 3s59 | 18s20 | 17n41 | 4s29 |

Julian Day Number = 2606651.5, Delta T = 09m50s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'39, Lahiri = 29°47'41


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## OCTOBER 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 41 25 | 8♎29'52 | 6♉57 | 21♍ 0 | 23♏21 | 11♐ 8 | 17°R 4 | 1♏ 2 | 9°R47 | 10♍26 | 25♋ 6 | 10°R 9 | 10♎ 1 | 25♐52 | 11°R41 | T 1 |
| W 2 | 0 45 21 | 9°28'39 | 18°54 | 22°18 | 24° 9 | 11°49 | 17♒ 2 | 1° 9 | 9♓45 | 10°28 | 25° 7 | 10♎ 9 | 9°58 | 25°59 | 11♊40 | W 2 |
| T 3 | 0 49 18 | 10°27'27 | 1♒ 0 | 23°41 | 24°56 | 12°31 | 17° 0 | 1°16 | 9°43 | 10°30 | 25° 8 | 10°D 9 | 9°55 | 26° 5 | 11°39 | T 3 |
| F 4 | 0 53 15 | 11°26'17 | 13°18 | 25° 9 | 25°43 | 13°12 | 16°58 | 1°23 | 9°41 | 10°32 | 25° 8 | 10° 9 | 9°52 | 26°12 | 11°38 | F 4 |
| S 5 | 0 57 11 | 12°25'09 | 25°54 | 26°41 | 26°28 | 13°54 | 16°57 | 1°30 | 9°39 | 10°34 | 25° 9 | 10° 9 | 9°49 | 26°19 | 11°37 | S 5 |
| S 6 | 1 1 8 | 13°24'03 | 8♓49 | 28°16 | 27°13 | 14°36 | 16°55 | 1°37 | 9°37 | 10°36 | 25° 9 | 10°10 | 9°45 | 26°26 | 11°36 | S 6 |
| M 7 | 1 5 4 | 14°22'58 | 22° 5 | 29°54 | 27°57 | 15°18 | 16°54 | 1°44 | 9°35 | 10°38 | 25° 9 | 10°10 | 9°42 | 26°32 | 11°34 | M 7 |
| T 8 | 1 9 1 | 15°21'56 | 5♈42 | 1♎34 | 28°40 | 16° 0 | 16°53 | 1°51 | 9°34 | 10°40 | 25°10 | 10°R10 | 9°39 | 26°39 | 11°33 | T 8 |
| W 9 | 1 12 57 | 16°20'55 | 19°38 | 3°16 | 29°22 | 16°42 | 16°52 | 1°58 | 9°32 | 10°42 | 25°10 | 10°10 | 9°36 | 26°46 | 11°32 | W 9 |
| T 10 | 1 16 54 | 17°19'56 | 3♉50 | 4°59 | 0♐ 3 | 17°24 | 16°52 | 2° 5 | 9°30 | 10°44 | 25°11 | 10°10 | 9°33 | 26°52 | 11°30 | T 10 |
| F 11 | 1 20 50 | 18°18'59 | 18°14 | 6°44 | 0°43 | 18° 6 | 16°51 | 2°12 | 9°28 | 10°46 | 25°11 | 10° 9 | 9°29 | 26°59 | 11°29 | F 11 |
| S 12 | 1 24 47 | 19°18'05 | 2♊44 | 8°29 | 1°22 | 18°49 | 16°D51 | 2°19 | 9°27 | 10°47 | 25°11 | 10° 8 | 9°26 | 27° 6 | 11°27 | S 12 |
| S 13 | 1 28 43 | 20°17'13 | 17°14 | 10°15 | 1°59 | 19°31 | 16°51 | 2°26 | 9°25 | 10°49 | 25°12 | 10° 7 | 9°23 | 27°13 | 11°25 | S 13 |
| M14 | 1 32 40 | 21°16'23 | 1♋40 | 12° 1 | 2°35 | 20°14 | 16°51 | 2°34 | 9°23 | 10°51 | 25°12 | 10° 6 | 9°20 | 27°19 | 11°24 | M14 |
| T 15 | 1 36 37 | 22°15'36 | 15°57 | 13°47 | 3°11 | 20°56 | 16°52 | 2°41 | 9°22 | 10°53 | 25°12 | 10°D 5 | 9°17 | 27°26 | 11°22 | T 15 |
| W16 | 1 40 33 | 23°14'50 | 0♌ 3 | 15°33 | 3°44 | 21°39 | 16°52 | 2°48 | 9°20 | 10°55 | 25°13 | 10° 5 | 9°14 | 27°33 | 11°20 | W16 |
| T 17 | 1 44 30 | 24°14'07 | 13°56 | 17°19 | 4°17 | 22°22 | 16°53 | 2°55 | 9°19 | 10°56 | 25°13 | 10° 6 | 9°10 | 27°39 | 11°18 | T 17 |
| F 18 | 1 48 26 | 25°13'27 | 27°36 | 19° 5 | 4°48 | 23° 5 | 16°54 | 3° 3 | 9°17 | 10°58 | 25°13 | 10° 7 | 9° 7 | 27°46 | 11°16 | F 18 |
| S 19 | 1 52 23 | 26°12'48 | 11♍ 2 | 20°50 | 5°17 | 23°48 | 16°55 | 3°10 | 9°16 | 11° 0 | 25°13 | 10° 8 | 9° 4 | 27°53 | 11°14 | S 19 |
| S 20 | 1 56 19 | 27°12'12 | 24°16 | 22°35 | 5°45 | 24°31 | 16°57 | 3°17 | 9°15 | 11° 1 | 25°13 | 10° 9 | 9° 1 | 28° 0 | 11°12 | S 20 |
| M21 | 2 0 16 | 28°11'38 | 7♎16 | 24°19 | 6°12 | 25°14 | 16°58 | 3°24 | 9°13 | 11° 3 | 25°13 | 10°R10 | 8°58 | 28° 6 | 11°10 | M21 |
| T 22 | 2 4 12 | 29°11'06 | 20° 3 | 26° 3 | 6°36 | 25°58 | 17° 0 | 3°32 | 9°12 | 11° 5 | 25°13 | 10°10 | 8°54 | 28°13 | 11° 7 | T 22 |
| W23 | 2 8 9 | 0♏10'36 | 2♏38 | 27°46 | 7° 0 | 26°41 | 17° 2 | 3°39 | 9°11 | 11° 6 | 25°14 | 10° 8 | 8°51 | 28°20 | 11° 5 | W23 |
| T 24 | 2 12 6 | 1°10'08 | 15° 1 | 29°28 | 7°21 | 27°25 | 17° 4 | 3°46 | 9°10 | 11° 8 | 25°14 | 10° 6 | 8°48 | 28°26 | 11° 3 | T 24 |
| F 25 | 2 16 2 | 2° 9'43 | 27°14 | 1♏10 | 7°40 | 28° 8 | 17° 7 | 3°54 | 9° 8 | 11° 9 | 25°R14 | 10° 3 | 8°45 | 28°33 | 11° 0 | F 25 |
| S 26 | 2 19 59 | 3° 9'19 | 9♐17 | 2°52 | 7°58 | 28°52 | 17° 9 | 4° 1 | 9° 7 | 11°11 | 25°14 | 9°59 | 8°42 | 28°40 | 10°58 | S 26 |
| S 27 | 2 23 55 | 4° 8'57 | 21°13 | 4°32 | 8°14 | 29°36 | 17°12 | 4° 8 | 9° 6 | 11°12 | 25°14 | 9°55 | 8°39 | 28°47 | 10°56 | S 27 |
| M28 | 2 27 52 | 5° 8'36 | 3♑ 6 | 6°13 | 8°27 | 0♑20 | 17°15 | 4°16 | 9° 5 | 11°14 | 25°14 | 9°51 | 8°35 | 28°53 | 10°53 | M28 |
| T 29 | 2 31 48 | 6° 8'18 | 14°57 | 7°52 | 8°39 | 1° 4 | 17°18 | 4°23 | 9° 4 | 11°15 | 25°13 | 9°48 | 8°32 | 29° 0 | 10°51 | T 29 |
| W30 | 2 35 45 | 7° 8'01 | 26°52 | 9°31 | 8°48 | 1°48 | 17°22 | 4°30 | 9° 3 | 11°17 | 25°13 | 9°46 | 8°29 | 29° 7 | 10°48 | W30 |
| T 31 | 2 39 41 | 8♏ 7'46 | 8♒55 | 11♏ 9 | 8♐55 | 2♑32 | 17♒25 | 4♏37 | 9♓ 2 | 11♍18 | 25♋13 | 9°D46 | 8♎26 | 29♐14 | 10♊45 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s22 | 17s56 | 5n17 | 4n47 | 1n20 | 22s49 | 4s24 | 23s27 | 1s24 | 16s37 | 0s59 | 9s42 | 2n15 | 8s38 | 0s49 | 8n15 | 0n40 | 20n23 | 0s41 | 4s 1 | 3s58 | 18s20 | 17n41 | 4s30 |
| W 2 | 3 45 | 16 53 | 5 14 | 4 24 | 1 28 | 23 6 | 4 29 | 23 32 | 1 24 | 16 37 | 0 58 | 9 44 | 2 15 | 8 39 | 0 49 | 8 14 | 0 40 | 20 23 | 0 41 | 4 1 | 3 56 | 18 20 | 17 40 | 4 30 |
| T 3 | 4 8 | 15 4 | 4 57 | 3 57 | 1 35 | 23 23 | 4 34 | 23 38 | 1 24 | 16 38 | 0 58 | 9 47 | 2 15 | 8 39 | 0 49 | 8 13 | 0 40 | 20 23 | 0 41 | 4 1 | 3 55 | 18 20 | 17 40 | 4 30 |
| F 4 | 4 31 | 12 32 | 4 26 | 3 28 | 1 41 | 23 40 | 4 40 | 23 44 | 1 25 | 16 38 | 0 58 | 9 49 | 2 15 | 8 40 | 0 49 | 8 13 | 0 40 | 20 23 | 0 41 | 4 1 | 3 54 | 18 20 | 17 39 | 4 31 |
| S 5 | 4 54 | 9 23 | 3 42 | 2 56 | 1 46 | 23 56 | 4 45 | 23 49 | 1 25 | 16 39 | 0 58 | 9 51 | 2 15 | 8 41 | 0 49 | 8 12 | 0 40 | 20 23 | 0 41 | 4 1 | 3 53 | 18 20 | 17 39 | 4 31 |
| S 6 | 5 17 | 5 41 | 2 45 | 2 22 | 1 50 | 24 12 | 4 50 | 23 54 | 1 25 | 16 39 | 0 58 | 9 54 | 2 15 | 8 42 | 0 49 | 8 11 | 0 40 | 20 23 | 0 41 | 4 1 | 3 51 | 18 20 | 17 38 | 4 32 |
| M 7 | 5 39 | 1 37 | 1 39 | 1 45 | 1 52 | 24 27 | 4 55 | 23 59 | 1 25 | 16 39 | 0 58 | 9 56 | 2 15 | 8 42 | 0 48 | 8 10 | 0 40 | 20 23 | 0 41 | 4 1 | 3 50 | 18 20 | 17 38 | 4 32 |
| T 8 | 6 2 | 2n38 | 0 25 | 1 7 | 1 54 | 24 41 | 5 0 | 24 4 | 1 25 | 16 40 | 0 58 | 9 59 | 2 14 | 8 43 | 0 48 | 8 10 | 0 40 | 20 23 | 0 41 | 4 1 | 3 49 | 18 20 | 17 37 | 4 32 |
| W 9 | 6 25 | 6 51 | 0s52 | 0 28 | 1 55 | 24 56 | 5 5 | 24 8 | 1 26 | 16 40 | 0 58 | 10 1 | 2 14 | 8 44 | 0 48 | 8 9 | 0 40 | 20 22 | 0 41 | 4 1 | 3 48 | 18 20 | 17 36 | 4 33 |
| T 10 | 6 47 | 10 46 | 2 8 | 0s13 | 1 55 | 25 9 | 5 10 | 24 12 | 1 26 | 16 40 | 0 58 | 10 4 | 2 14 | 8 44 | 0 48 | 8 8 | 0 40 | 20 22 | 0 41 | 4 1 | 3 46 | 18 20 | 17 36 | 4 33 |
| F 11 | 7 10 | 14 5 | 3 16 | 0 55 | 1 54 | 25 22 | 5 14 | 24 17 | 1 26 | 16 40 | 0 58 | 10 6 | 2 14 | 8 45 | 0 48 | 8 8 | 0 40 | 20 22 | 0 41 | 4 1 | 3 45 | 18 19 | 17 35 | 4 33 |
| S 12 | 7 32 | 16 32 | 4 12 | 1 38 | 1 52 | 25 35 | 5 19 | 24 20 | 1 26 | 16 40 | 0 58 | 10 9 | 2 14 | 8 45 | 0 48 | 8 7 | 0 40 | 20 22 | 0 41 | 4 0 | 3 44 | 18 19 | 17 35 | 4 34 |
| S 13 | 7 55 | 17 56 | 4 52 | 2 22 | 1 50 | 25 47 | 5 23 | 24 24 | 1 26 | 16 40 | 0 58 | 10 11 | 2 14 | 8 46 | 0 48 | 8 6 | 0 40 | 20 22 | 0 41 | 4 0 | 3 43 | 18 19 | 17 34 | 4 34 |
| M14 | 8 17 | 18 9 | 5 13 | 3 5 | 1 47 | 25 58 | 5 27 | 24 27 | 1 26 | 16 40 | 0 58 | 10 14 | 2 14 | 8 47 | 0 48 | 8 6 | 0 40 | 20 22 | 0 41 | 3 59 | 3 41 | 18 19 | 17 34 | 4 35 |
| T 15 | 8 39 | 17 13 | 5 15 | 3 50 | 1 44 | 26 9 | 5 31 | 24 31 | 1 26 | 16 39 | 0 57 | 10 16 | 2 14 | 8 47 | 0 48 | 8 5 | 0 40 | 20 22 | 0 41 | 3 59 | 3 40 | 18 19 | 17 33 | 4 35 |
| W16 | 9 1 | 15 15 | 4 58 | 4 34 | 1 40 | 26 20 | 5 35 | 24 33 | 1 26 | 16 39 | 0 57 | 10 19 | 2 14 | 8 48 | 0 48 | 8 4 | 0 40 | 20 22 | 0 41 | 3 59 | 3 39 | 18 19 | 17 32 | 4 35 |
| T 17 | 9 23 | 12 24 | 4 23 | 5 18 | 1 36 | 26 29 | 5 39 | 24 36 | 1 27 | 16 39 | 0 57 | 10 21 | 2 14 | 8 48 | 0 48 | 8 4 | 0 40 | 20 22 | 0 41 | 3 59 | 3 38 | 18 19 | 17 32 | 4 36 |
| F 18 | 9 44 | 8 55 | 3 34 | 6 2 | 1 32 | 26 39 | 5 42 | 24 39 | 1 27 | 16 38 | 0 57 | 10 24 | 2 14 | 8 49 | 0 48 | 8 3 | 0 40 | 20 22 | 0 41 | 4 0 | 3 36 | 18 19 | 17 31 | 4 36 |
| S 19 | 10 6 | 5 2 | 2 34 | 6 46 | 1 27 | 26 47 | 5 45 | 24 41 | 1 27 | 16 38 | 0 57 | 10 26 | 2 14 | 8 49 | 0 48 | 8 2 | 0 40 | 20 22 | 0 41 | 4 0 | 3 35 | 18 19 | 17 31 | 4 36 |
| S 20 | 10 27 | 0 57 | 1 27 | 7 30 | 1 21 | 26 55 | 5 48 | 24 43 | 1 27 | 16 38 | 0 57 | 10 29 | 2 14 | 8 50 | 0 48 | 8 2 | 0 40 | 20 22 | 0 41 | 4 1 | 3 34 | 18 19 | 17 30 | 4 37 |
| M21 | 10 48 | 3s 7 | 0 16 | 8 14 | 1 16 | 27 3 | 5 51 | 24 45 | 1 27 | 16 37 | 0 57 | 10 31 | 2 14 | 8 50 | 0 48 | 8 1 | 0 40 | 20 22 | 0 41 | 4 1 | 3 33 | 18 19 | 17 29 | 4 37 |
| T 22 | 11 9 | 6 59 | 0n54 | 8 57 | 1 10 | 27 10 | 5 53 | 24 46 | 1 27 | 16 36 | 0 57 | 10 34 | 2 14 | 8 51 | 0 48 | 8 1 | 0 40 | 20 22 | 0 41 | 4 1 | 3 31 | 18 19 | 17 29 | 4 37 |
| W23 | 11 30 | 10 28 | 2 1 | 9 39 | 1 4 | 27 16 | 5 56 | 24 47 | 1 27 | 16 36 | 0 57 | 10 36 | 2 14 | 8 51 | 0 48 | 8 0 | 0 40 | 20 23 | 0 41 | 4 0 | 3 30 | 18 19 | 17 28 | 4 38 |
| T 24 | 11 51 | 13 26 | 3 0 | 10 21 | 0 58 | 27 21 | 5 57 | 24 48 | 1 27 | 16 35 | 0 57 | 10 39 | 2 14 | 8 51 | 0 48 | 8 0 | 0 40 | 20 23 | 0 40 | 3 59 | 3 29 | 18 19 | 17 27 | 4 38 |
| F 25 | 12 12 | 15 45 | 3 51 | 11 2 | 0 52 | 27 26 | 5 59 | 24 49 | 1 27 | 16 34 | 0 57 | 10 41 | 2 14 | 8 52 | 0 48 | 7 59 | 0 40 | 20 23 | 0 40 | 3 58 | 3 28 | 18 19 | 17 27 | 4 38 |
| S 26 | 12 32 | 17 20 | 4 30 | 11 43 | 0 46 | 27 30 | 6 0 | 24 50 | 1 27 | 16 33 | 0 57 | 10 44 | 2 14 | 8 52 | 0 48 | 7 58 | 0 40 | 20 23 | 0 40 | 3 57 | 3 26 | 18 18 | 17 26 | 4 38 |
| S 27 | 12 52 | 18 9 | 4 57 | 12 23 | 0 39 | 27 34 | 6 1 | 24 50 | 1 27 | 16 32 | 0 56 | 10 46 | 2 14 | 8 53 | 0 48 | 7 58 | 0 40 | 20 23 | 0 40 | 3 55 | 3 25 | 18 18 | 17 26 | 4 39 |
| M28 | 13 12 | 18 9 | 5 11 | 13 3 | 0 33 | 27 37 | 6 2 | 24 50 | 1 27 | 16 31 | 0 56 | 10 48 | 2 14 | 8 53 | 0 48 | 7 57 | 0 40 | 20 23 | 0 40 | 3 54 | 3 24 | 18 18 | 17 25 | 4 39 |
| T 29 | 13 32 | 17 22 | 5 12 | 13 41 | 0 26 | 27 39 | 6 2 | 24 50 | 1 27 | 16 30 | 0 56 | 10 51 | 2 14 | 8 53 | 0 48 | 7 57 | 0 40 | 20 23 | 0 40 | 3 52 | 3 23 | 18 18 | 17 24 | 4 39 |
| W30 | 13 52 | 15 50 | 5 0 | 14 19 | 0 19 | 27 40 | 6 2 | 24 49 | 1 27 | 16 29 | 0 56 | 10 53 | 2 14 | 8 54 | 0 48 | 7 56 | 0 40 | 20 23 | 0 40 | 3 52 | 3 21 | 18 18 | 17 24 | 4 40 |
| T 31 | 14s11 | 13s35 | 4n34 | 14s57 | 0n12 | 27s41 | 6s 1 | 24s48 | 1s27 | 16s28 | 0s56 | 10s56 | 2n14 | 8s54 | 0s48 | 7n56 | 0n40 | 20n23 | 0s40 | 3s52 | 3s20 | 18s18 | 17n23 | 4s40 |

Julian Day Number = 2606681.5, Delta T = 09m51s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'43, Lahiri = 29°47'45


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## NOVEMBER 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 43 38 | 9♏ 7'32 | 21♒10 | 12♏47 | 9♐ 0 | 3♑16 | 17♒29 | 4♏45 | 9°R 2 | 11♍20 | 25°R13 | 9♎47 | 8♎23 | 29♐20 | 10°R43 | F 1 |
| S 2 | 2 47 35 | 10° 7'20 | 3♓42 | 14°24 | 9° 2 | 4° 0 | 17°33 | 4°52 | 9♓ 1 | 11°21 | 25♋13 | 9°48 | 8°20 | 29°27 | 10♊40 | S 2 |
| S 3 | 2 51 31 | 11° 7'10 | 16°36 | 16° 1 | 9°R 3 | 4°44 | 17°37 | 4°59 | 9° 0 | 11°22 | 25°13 | 9°50 | 8°16 | 29°34 | 10°37 | S 3 |
| M 4 | 2 55 28 | 12° 7'01 | 29°55 | 17°37 | 9° 0 | 5°29 | 17°41 | 5° 7 | 8°59 | 11°24 | 25°13 | 9°51 | 8°13 | 29°40 | 10°34 | M 4 |
| T 5 | 2 59 24 | 13° 6'55 | 13♈40 | 19°13 | 8°56 | 6°13 | 17°46 | 5°14 | 8°59 | 11°25 | 25°12 | 9°R51 | 8°10 | 29°47 | 10°31 | T 5 |
| W 6 | 3 3 21 | 14° 6'49 | 27°50 | 20°48 | 8°49 | 6°58 | 17°50 | 5°21 | 8°58 | 11°26 | 25°12 | 9°50 | 8° 7 | 29°54 | 10°28 | W 6 |
| T 7 | 3 7 17 | 15° 6'46 | 12♉23 | 22°23 | 8°39 | 7°42 | 17°55 | 5°28 | 8°58 | 11°27 | 25°12 | 9°47 | 8° 4 | 0♑ 1 | 10°25 | T 7 |
| F 8 | 3 11 14 | 16° 6'45 | 27°13 | 23°57 | 8°27 | 8°27 | 18° 0 | 5°35 | 8°57 | 11°28 | 25°11 | 9°43 | 8° 0 | 0° 7 | 10°22 | F 8 |
| S 9 | 3 15 10 | 17° 6'45 | 12♊11 | 25°31 | 8°13 | 9°12 | 18° 5 | 5°43 | 8°57 | 11°30 | 25°11 | 9°37 | 7°57 | 0°14 | 10°19 | S 9 |
| S 10 | 3 19 7 | 18° 6'48 | 27° 8 | 27° 4 | 7°56 | 9°56 | 18°11 | 5°50 | 8°56 | 11°31 | 25°11 | 9°31 | 7°54 | 0°21 | 10°16 | S 10 |
| M11 | 3 23 4 | 19° 6'53 | 11♋56 | 28°37 | 7°37 | 10°41 | 18°16 | 5°57 | 8°56 | 11°32 | 25°10 | 9°26 | 7°51 | 0°27 | 10°13 | M11 |
| T 12 | 3 27 0 | 20° 6'59 | 26°28 | 0♐ 9 | 7°15 | 11°26 | 18°22 | 6° 4 | 8°56 | 11°33 | 25°10 | 9°22 | 7°48 | 0°34 | 10°10 | T 12 |
| W13 | 3 30 57 | 21° 7'08 | 10♌41 | 1°42 | 6°52 | 12°11 | 18°28 | 6°11 | 8°55 | 11°34 | 25°10 | 9°20 | 7°45 | 0°41 | 10° 7 | W13 |
| T 14 | 3 34 53 | 22° 7'19 | 24°32 | 3°13 | 6°26 | 12°56 | 18°34 | 6°19 | 8°55 | 11°35 | 25° 9 | 9°D19 | 7°41 | 0°48 | 10° 4 | T 14 |
| F 15 | 3 38 50 | 23° 7'32 | 8♍ 1 | 4°45 | 5°59 | 13°41 | 18°40 | 6°26 | 8°55 | 11°36 | 25° 9 | 9°20 | 7°38 | 0°54 | 10° 1 | F 15 |
| S 16 | 3 42 46 | 24° 7'46 | 21°12 | 6°16 | 5°29 | 14°26 | 18°46 | 6°33 | 8°55 | 11°37 | 25° 8 | 9°22 | 7°35 | 1° 1 | 9°57 | S 16 |
| S 17 | 3 46 43 | 25° 8'03 | 4♎ 6 | 7°47 | 4°58 | 15°12 | 18°53 | 6°40 | 8°55 | 11°38 | 25° 8 | 9°R23 | 7°32 | 1° 8 | 9°54 | S 17 |
| M18 | 3 50 39 | 26° 8'22 | 16°46 | 9°17 | 4°26 | 15°57 | 19° 0 | 6°47 | 8°D55 | 11°39 | 25° 7 | 9°22 | 7°29 | 1°15 | 9°51 | M18 |
| T 19 | 3 54 36 | 27° 8'42 | 29°14 | 10°47 | 3°53 | 16°42 | 19° 6 | 6°54 | 8°55 | 11°39 | 25° 6 | 9°20 | 7°26 | 1°21 | 9°48 | T 19 |
| W20 | 3 58 33 | 28° 9'05 | 11♏33 | 12°17 | 3°18 | 17°28 | 19°13 | 7° 1 | 8°55 | 11°40 | 25° 6 | 9°16 | 7°22 | 1°28 | 9°44 | W20 |
| T 21 | 4 2 29 | 29° 9'29 | 23°44 | 13°46 | 2°43 | 18°13 | 19°21 | 7° 8 | 8°55 | 11°41 | 25° 5 | 9° 9 | 7°19 | 1°35 | 9°41 | T 21 |
| F 22 | 4 6 26 | 0♐ 9'55 | 5♐47 | 15°15 | 2° 7 | 18°59 | 19°28 | 7°15 | 8°55 | 11°42 | 25° 5 | 9° 0 | 7°16 | 1°41 | 9°38 | F 22 |
| S 23 | 4 10 22 | 1°10'22 | 17°45 | 16°43 | 1°30 | 19°45 | 19°35 | 7°22 | 8°56 | 11°42 | 25° 4 | 8°50 | 7°13 | 1°48 | 9°34 | S 23 |
| S 24 | 4 14 19 | 2°10'51 | 29°39 | 18°11 | 0°54 | 20°30 | 19°43 | 7°29 | 8°56 | 11°43 | 25° 3 | 8°39 | 7°10 | 1°55 | 9°31 | S 24 |
| M25 | 4 18 15 | 3°11'22 | 11♑30 | 19°39 | 0°18 | 21°16 | 19°51 | 7°35 | 8°56 | 11°44 | 25° 3 | 8°28 | 7° 6 | 2° 2 | 9°28 | M25 |
| T 26 | 4 22 12 | 4°11'53 | 23°21 | 21° 6 | 29♏42 | 22° 2 | 19°59 | 7°42 | 8°57 | 11°44 | 25° 2 | 8°19 | 7° 3 | 2° 8 | 9°24 | T 26 |
| W27 | 4 26 8 | 5°12'26 | 5♒15 | 22°32 | 29° 7 | 22°48 | 20° 7 | 7°49 | 8°57 | 11°45 | 25° 1 | 8°13 | 7° 0 | 2°15 | 9°21 | W27 |
| T 28 | 4 30 5 | 6°13'01 | 17°15 | 23°58 | 28°32 | 23°33 | 20°15 | 7°56 | 8°58 | 11°46 | 25° 0 | 8° 8 | 6°57 | 2°22 | 9°17 | T 28 |
| F 29 | 4 34 2 | 7°13'36 | 29°26 | 25°22 | 27°59 | 24°19 | 20°23 | 8° 2 | 8°58 | 11°46 | 25° 0 | 8° 6 | 6°54 | 2°28 | 9°14 | F 29 |
| S 30 | 4 37 58 | 8♐14'13 | 11♓52 | 26♐47 | 27♏27 | 25♑ 5 | 20♒32 | 8♏ 9 | 8♓59 | 11♍47 | 24♋59 | 8°D 6 | 6♎51 | 2♑35 | 9♊11 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s30 | 10s41 | 3n56 | 15s33 | 0n 6 | 27s40 | 6s 0 | 24s47 | 1s27 | 16s27 | 0s56 | 10s58 | 2n14 | 8s54 | 0s48 | 7n55 | 0n40 | 20n23 | 0s40 | 3s52 | 3s19 | 18s18 | 17n22 | 4s40 |
| S 2 | 14 49 | 7 15 | 3 5 | 16 8 | 0s 1 | 27 39 | 5 58 | 24 46 | 1 27 | 16 25 | 0 56 | 11 1 | 2 14 | 8 54 | 0 48 | 7 55 | 0 40 | 20 23 | 0 40 | 3 52 | 3 18 | 18 18 | 17 22 | 4 40 |
| S 3 | 15 8 | 3 22 | 2 4 | 16 43 | 0 8 | 27 37 | 5 56 | 24 45 | 1 27 | 16 24 | 0 56 | 11 3 | 2 14 | 8 55 | 0 48 | 7 54 | 0 40 | 20 23 | 0 40 | 3 53 | 3 16 | 18 18 | 17 21 | 4 41 |
| M 4 | 15 26 | 0n48 | 0 54 | 17 17 | 0 15 | 27 34 | 5 54 | 24 43 | 1 27 | 16 23 | 0 56 | 11 5 | 2 14 | 8 55 | 0 48 | 7 54 | 0 40 | 20 23 | 0 40 | 3 54 | 3 15 | 18 18 | 17 20 | 4 41 |
| T 5 | 15 44 | 5 4 | 0s21 | 17 50 | 0 21 | 27 30 | 5 50 | 24 41 | 1 27 | 16 21 | 0 56 | 11 8 | 2 14 | 8 55 | 0 48 | 7 53 | 0 40 | 20 23 | 0 40 | 3 54 | 3 14 | 18 17 | 17 20 | 4 41 |
| W 6 | 16 2 | 9 11 | 1 37 | 18 22 | 0 28 | 27 25 | 5 47 | 24 39 | 1 27 | 16 20 | 0 55 | 11 10 | 2 14 | 8 55 | 0 48 | 7 53 | 0 40 | 20 23 | 0 40 | 3 53 | 3 13 | 18 17 | 17 19 | 4 42 |
| T 7 | 16 20 | 12 51 | 2 48 | 18 53 | 0 35 | 27 19 | 5 42 | 24 36 | 1 27 | 16 18 | 0 55 | 11 12 | 2 14 | 8 56 | 0 47 | 7 53 | 0 40 | 20 24 | 0 40 | 3 52 | 3 11 | 18 17 | 17 18 | 4 42 |
| F 8 | 16 37 | 15 46 | 3 49 | 19 23 | 0 41 | 27 12 | 5 37 | 24 33 | 1 27 | 16 17 | 0 55 | 11 15 | 2 14 | 8 56 | 0 47 | 7 52 | 0 41 | 20 24 | 0 40 | 3 50 | 3 10 | 18 17 | 17 18 | 4 42 |
| S 9 | 16 54 | 17 39 | 4 36 | 19 52 | 0 48 | 27 4 | 5 31 | 24 30 | 1 26 | 16 15 | 0 55 | 11 17 | 2 14 | 8 56 | 0 47 | 7 52 | 0 41 | 20 24 | 0 40 | 3 48 | 3 9 | 18 17 | 17 17 | 4 42 |
| S 10 | 17 11 | 18 18 | 5 3 | 20 20 | 0 54 | 26 55 | 5 25 | 24 27 | 1 26 | 16 13 | 0 55 | 11 19 | 2 14 | 8 56 | 0 47 | 7 51 | 0 41 | 20 24 | 0 40 | 3 46 | 3 8 | 18 17 | 17 16 | 4 43 |
| M11 | 17 28 | 17 42 | 5 10 | 20 47 | 1 1 | 26 45 | 5 18 | 24 23 | 1 26 | 16 11 | 0 55 | 11 22 | 2 14 | 8 56 | 0 47 | 7 51 | 0 41 | 20 24 | 0 40 | 3 44 | 3 6 | 18 17 | 17 16 | 4 43 |
| T 12 | 17 44 | 15 57 | 4 56 | 21 13 | 1 7 | 26 34 | 5 11 | 24 19 | 1 26 | 16 10 | 0 55 | 11 24 | 2 14 | 8 56 | 0 47 | 7 51 | 0 41 | 20 24 | 0 40 | 3 42 | 3 5 | 18 17 | 17 15 | 4 43 |
| W13 | 18 0 | 13 16 | 4 25 | 21 38 | 1 13 | 26 22 | 5 2 | 24 15 | 1 26 | 16 8 | 0 55 | 11 26 | 2 14 | 8 56 | 0 47 | 7 50 | 0 41 | 20 24 | 0 40 | 3 41 | 3 4 | 18 16 | 17 15 | 4 43 |
| T 14 | 18 15 | 9 52 | 3 39 | 22 2 | 1 19 | 26 9 | 4 53 | 24 11 | 1 26 | 16 6 | 0 55 | 11 29 | 2 14 | 8 56 | 0 47 | 7 50 | 0 41 | 20 24 | 0 40 | 3 41 | 3 3 | 18 16 | 17 14 | 4 43 |
| F 15 | 18 31 | 6 2 | 2 41 | 22 25 | 1 25 | 25 54 | 4 43 | 24 6 | 1 26 | 16 4 | 0 55 | 11 31 | 2 14 | 8 56 | 0 47 | 7 49 | 0 41 | 20 24 | 0 39 | 3 41 | 3 1 | 18 16 | 17 13 | 4 44 |
| S 16 | 18 46 | 2 0 | 1 37 | 22 47 | 1 30 | 25 39 | 4 33 | 24 1 | 1 26 | 16 2 | 0 55 | 11 33 | 2 14 | 8 56 | 0 47 | 7 49 | 0 41 | 20 25 | 0 39 | 3 42 | 3 0 | 18 16 | 17 13 | 4 44 |
| S 17 | 19 0 | 2s 4 | 0 29 | 23 8 | 1 36 | 25 22 | 4 22 | 23 56 | 1 25 | 15 59 | 0 55 | 11 35 | 2 14 | 8 56 | 0 47 | 7 49 | 0 41 | 20 25 | 0 39 | 3 42 | 2 59 | 18 16 | 17 12 | 4 44 |
| M18 | 19 14 | 5 58 | 0n40 | 23 27 | 1 41 | 25 5 | 4 10 | 23 50 | 1 25 | 15 57 | 0 54 | 11 38 | 2 14 | 8 56 | 0 47 | 7 49 | 0 41 | 20 25 | 0 39 | 3 42 | 2 58 | 18 16 | 17 11 | 4 44 |
| T 19 | 19 28 | 9 32 | 1 45 | 23 46 | 1 46 | 24 46 | 3 58 | 23 45 | 1 25 | 15 55 | 0 54 | 11 40 | 2 14 | 8 56 | 0 47 | 7 48 | 0 41 | 20 25 | 0 39 | 3 42 | 2 56 | 18 15 | 17 11 | 4 44 |
| W20 | 19 42 | 12 39 | 2 44 | 24 3 | 1 51 | 24 27 | 3 45 | 23 39 | 1 25 | 15 53 | 0 54 | 11 42 | 2 15 | 8 56 | 0 47 | 7 48 | 0 41 | 20 25 | 0 39 | 3 40 | 2 55 | 18 15 | 17 10 | 4 45 |
| T 21 | 19 55 | 15 11 | 3 35 | 24 19 | 1 56 | 24 7 | 3 32 | 23 33 | 1 25 | 15 51 | 0 54 | 11 44 | 2 15 | 8 56 | 0 47 | 7 48 | 0 41 | 20 25 | 0 39 | 3 37 | 2 54 | 18 15 | 17 9 | 4 45 |
| F 22 | 20 8 | 17 1 | 4 16 | 24 34 | 2 0 | 23 46 | 3 18 | 23 26 | 1 24 | 15 48 | 0 54 | 11 46 | 2 15 | 8 56 | 0 47 | 7 47 | 0 41 | 20 25 | 0 39 | 3 34 | 2 53 | 18 15 | 17 9 | 4 45 |
| S 23 | 20 21 | 18 5 | 4 45 | 24 47 | 2 4 | 23 25 | 3 4 | 23 19 | 1 24 | 15 46 | 0 54 | 11 49 | 2 15 | 8 56 | 0 47 | 7 47 | 0 41 | 20 26 | 0 39 | 3 29 | 2 51 | 18 15 | 17 8 | 4 45 |
| S 24 | 20 33 | 18 22 | 5 1 | 24 59 | 2 8 | 23 3 | 2 49 | 23 12 | 1 24 | 15 43 | 0 54 | 11 51 | 2 15 | 8 56 | 0 47 | 7 47 | 0 41 | 20 26 | 0 39 | 3 25 | 2 50 | 18 15 | 17 7 | 4 45 |
| M25 | 20 45 | 17 50 | 5 5 | 25 10 | 2 12 | 22 40 | 2 34 | 23 5 | 1 24 | 15 41 | 0 54 | 11 53 | 2 15 | 8 55 | 0 47 | 7 47 | 0 41 | 20 26 | 0 39 | 3 21 | 2 49 | 18 14 | 17 7 | 4 45 |
| T 26 | 20 56 | 16 31 | 4 55 | 25 20 | 2 15 | 22 18 | 2 19 | 22 57 | 1 23 | 15 38 | 0 54 | 11 55 | 2 15 | 8 55 | 0 47 | 7 47 | 0 41 | 20 26 | 0 39 | 3 18 | 2 48 | 18 14 | 17 6 | 4 45 |
| W27 | 21 7 | 14 30 | 4 32 | 25 28 | 2 18 | 21 55 | 2 4 | 22 50 | 1 23 | 15 36 | 0 54 | 11 57 | 2 15 | 8 55 | 0 47 | 7 46 | 0 41 | 20 26 | 0 39 | 3 15 | 2 46 | 18 14 | 17 6 | 4 46 |
| T 28 | 21 18 | 11 51 | 3 57 | 25 35 | 2 21 | 21 33 | 1 48 | 22 42 | 1 23 | 15 33 | 0 54 | 11 59 | 2 15 | 8 55 | 0 47 | 7 46 | 0 41 | 20 27 | 0 39 | 3 13 | 2 45 | 18 14 | 17 5 | 4 46 |
| F 29 | 21 28 | 8 39 | 3 11 | 25 41 | 2 23 | 21 10 | 1 33 | 22 33 | 1 23 | 15 30 | 0 54 | 12 1 | 2 15 | 8 55 | 0 47 | 7 46 | 0 41 | 20 27 | 0 39 | 3 12 | 2 44 | 18 14 | 17 4 | 4 46 |
| S 30 | 21s38 | 5s 0 | 2n15 | 25s45 | 2s25 | 20s48 | 1s17 | 22s25 | 1s22 | 15s27 | 0s53 | 12s 3 | 2n15 | 8s54 | 0s47 | 7n46 | 0n41 | 20n27 | 0s39 | 3s12 | 2s43 | 18s14 | 17n 4 | 4s46 |

Julian Day Number = 2606712.5, Delta T = 09m51s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'48, Lahiri = 29°47'49


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# ASTRODIENST EPHEMERIS for the year 2424
# geocentric

## DECEMBER 2424 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 41 55 | 9♐14'50 | 24♓39 | 28♐10 | 26°R57 | 25♑51 | 20♒41 | 8♏16 | 8♓59 | 11♍47 | 24°R58 | 8♎ 6 | 6♎47 | 2♑42 | 9°R 7 | S 1 |
| M 2 | 4 45 51 | 10°15'29 | 7♈51 | 29°32 | 26♏28 | 26°37 | 20°49 | 8°22 | 9° 0 | 11°47 | 24♋57 | 8°R 7 | 6°44 | 2°49 | 9♊ 4 | M 2 |
| T 3 | 4 49 48 | 11°16'09 | 21°31 | 0♑53 | 26° 1 | 27°24 | 20°58 | 8°29 | 9° 1 | 11°48 | 24°56 | 8° 6 | 6°41 | 2°55 | 9° 0 | T 3 |
| W 4 | 4 53 44 | 12°16'50 | 5♉41 | 2°12 | 25°37 | 28°10 | 21° 7 | 8°35 | 9° 2 | 11°48 | 24°55 | 8° 3 | 6°38 | 3° 2 | 8°57 | W 4 |
| T 5 | 4 57 41 | 13°17'32 | 20°20 | 3°30 | 25°14 | 28°56 | 21°17 | 8°42 | 9° 3 | 11°48 | 24°55 | 7°58 | 6°35 | 3° 9 | 8°53 | T 5 |
| F 6 | 5 1 37 | 14°18'15 | 5♊21 | 4°46 | 24°54 | 29°42 | 21°26 | 8°48 | 9° 3 | 11°49 | 24°54 | 7°50 | 6°32 | 3°16 | 8°50 | F 6 |
| S 7 | 5 5 34 | 15°19'00 | 20°36 | 6° 0 | 24°36 | 0♒28 | 21°35 | 8°55 | 9° 4 | 11°49 | 24°53 | 7°40 | 6°28 | 3°22 | 8°47 | S 7 |
| S 8 | 5 9 31 | 16°19'46 | 5♋55 | 7°12 | 24°20 | 1°15 | 21°45 | 9° 1 | 9° 5 | 11°49 | 24°52 | 7°29 | 6°25 | 3°29 | 8°43 | S 8 |
| M 9 | 5 13 27 | 17°20'33 | 21° 5 | 8°21 | 24° 7 | 2° 1 | 21°55 | 9° 7 | 9° 6 | 11°49 | 24°51 | 7°19 | 6°22 | 3°36 | 8°40 | M 9 |
| T 10 | 5 17 24 | 18°21'21 | 5♌58 | 9°27 | 23°56 | 2°48 | 22° 5 | 9°13 | 9° 8 | 11°49 | 24°50 | 7°11 | 6°19 | 3°42 | 8°36 | T 10 |
| W11 | 5 21 20 | 19°22'11 | 20°25 | 10°29 | 23°48 | 3°34 | 22°14 | 9°20 | 9° 9 | 11°50 | 24°49 | 7° 6 | 6°16 | 3°49 | 8°33 | W11 |
| T 12 | 5 25 17 | 20°23'02 | 4♍25 | 11°27 | 23°42 | 4°20 | 22°25 | 9°26 | 9°10 | 11°50 | 24°48 | 7° 3 | 6°12 | 3°56 | 8°30 | T 12 |
| F 13 | 5 29 13 | 21°23'54 | 17°58 | 12°20 | 23°39 | 5° 7 | 22°35 | 9°32 | 9°11 | 11°50 | 24°47 | 7°D 2 | 6° 9 | 4° 3 | 8°26 | F 13 |
| S 14 | 5 33 10 | 22°24'48 | 1♎ 5 | 13° 8 | 23°D38 | 5°54 | 22°45 | 9°38 | 9°13 | 11°R50 | 24°46 | 7°R 2 | 6° 6 | 4° 9 | 8°23 | S 14 |
| S 15 | 5 37 6 | 23°25'43 | 13°51 | 13°50 | 23°40 | 6°40 | 22°55 | 9°44 | 9°14 | 11°50 | 24°45 | 7° 2 | 6° 3 | 4°16 | 8°20 | S 15 |
| M16 | 5 41 3 | 24°26'39 | 26°21 | 14°25 | 23°44 | 7°27 | 23° 6 | 9°50 | 9°15 | 11°50 | 24°44 | 7° 0 | 6° 0 | 4°23 | 8°17 | M16 |
| T 17 | 5 45 0 | 25°27'36 | 8♏37 | 14°52 | 23°51 | 8°13 | 23°17 | 9°56 | 9°17 | 11°49 | 24°43 | 6°56 | 5°57 | 4°30 | 8°13 | T 17 |
| W18 | 5 48 56 | 26°28'35 | 20°44 | 15°10 | 23°59 | 9° 0 | 23°27 | 10° 1 | 9°18 | 11°49 | 24°42 | 6°49 | 5°53 | 4°36 | 8°10 | W18 |
| T 19 | 5 52 53 | 27°29'34 | 2♐44 | 15°R19 | 24°11 | 9°47 | 23°38 | 10° 7 | 9°20 | 11°49 | 24°40 | 6°39 | 5°50 | 4°43 | 8° 7 | T 19 |
| F 20 | 5 56 49 | 28°30'35 | 14°40 | 15°18 | 24°24 | 10°34 | 23°49 | 10°13 | 9°21 | 11°49 | 24°39 | 6°27 | 5°47 | 4°50 | 8° 4 | F 20 |
| S 21 | 6 0 46 | 29°31'36 | 26°33 | 15° 5 | 24°39 | 11°20 | 24° 0 | 10°18 | 9°23 | 11°49 | 24°38 | 6°12 | 5°44 | 4°56 | 8° 1 | S 21 |
| S 22 | 6 4 42 | 0♑32'38 | 8♑26 | 14°41 | 24°57 | 12° 7 | 24°11 | 10°24 | 9°25 | 11°48 | 24°37 | 5°57 | 5°41 | 5° 3 | 7°58 | S 22 |
| M23 | 6 8 39 | 1°33'41 | 20°18 | 14° 6 | 25°16 | 12°54 | 24°23 | 10°29 | 9°26 | 11°48 | 24°36 | 5°42 | 5°38 | 5°10 | 7°55 | M23 |
| T 24 | 6 12 35 | 2°34'45 | 2♒11 | 13°19 | 25°37 | 13°41 | 24°34 | 10°35 | 9°28 | 11°48 | 24°35 | 5°29 | 5°34 | 5°17 | 7°51 | T 24 |
| W25 | 6 16 32 | 3°35'48 | 14° 8 | 12°22 | 26° 1 | 14°28 | 24°46 | 10°40 | 9°30 | 11°47 | 24°34 | 5°18 | 5°31 | 5°23 | 7°48 | W25 |
| T 26 | 6 20 29 | 4°36'53 | 26°10 | 11°15 | 26°26 | 15°15 | 24°57 | 10°45 | 9°32 | 11°47 | 24°32 | 5°11 | 5°28 | 5°30 | 7°46 | T 26 |
| F 27 | 6 24 25 | 5°37'57 | 8♓21 | 10° 0 | 26°52 | 16° 2 | 25° 9 | 10°51 | 9°34 | 11°47 | 24°31 | 5° 6 | 5°25 | 5°37 | 7°43 | F 27 |
| S 28 | 6 28 22 | 6°39'02 | 20°46 | 8°40 | 27°21 | 16°48 | 25°21 | 10°56 | 9°36 | 11°46 | 24°30 | 5° 4 | 5°22 | 5°43 | 7°40 | S 28 |
| S 29 | 6 32 18 | 7°40'07 | 3♈27 | 7°18 | 27°51 | 17°35 | 25°32 | 11° 1 | 9°38 | 11°46 | 24°29 | 5° 4 | 5°18 | 5°50 | 7°37 | S 29 |
| M30 | 6 36 15 | 8°41'13 | 16°31 | 5°56 | 28°23 | 18°22 | 25°44 | 11° 6 | 9°40 | 11°45 | 24°28 | 5° 4 | 5°15 | 5°57 | 7°34 | M30 |
| T 31 | 6 40 11 | 9♑42'18 | 0♉ 0 | 4♑36 | 28♏56 | 19♒ 9 | 25♒56 | 11♏11 | 9♓42 | 11♍45 | 24♋26 | 5♎ 3 | 5♎12 | 6♑ 4 | 7♊31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s47 | 1s 2 | 1n11 | 25s48 | 2s26 | 20s26 | 1s 2 | 22s16 | 1s22 | 15s24 | 0s53 | 12s 5 | 2n16 | 8s54 | 0s47 | 7n46 | 0n41 | 20n27 | 0s39 | 3s13 | 2s41 | 18s13 | 17n 3 | 4s46 |
| M 2 | 21 56 | 3n 8 | 0 1 | 25 50 | 2 27 | 20 4 | 0 46 | 22 7 | 1 22 | 15 22 | 0 53 | 12 7 | 2 16 | 8 54 | 0 47 | 7 46 | 0 41 | 20 27 | 0 39 | 3 13 | 2 40 | 18 13 | 17 3 | 4 46 |
| T 3 | 22 5 | 7 16 | 1s11 | 25 50 | 2 28 | 19 43 | 0 31 | 21 58 | 1 22 | 15 19 | 0 53 | 12 9 | 2 16 | 8 53 | 0 46 | 7 45 | 0 41 | 20 28 | 0 39 | 3 12 | 2 39 | 18 13 | 17 2 | 4 46 |
| W 4 | 22 13 | 11 10 | 2 21 | 25 49 | 2 28 | 19 23 | 0 16 | 21 48 | 1 21 | 15 16 | 0 53 | 12 11 | 2 16 | 8 53 | 0 46 | 7 45 | 0 41 | 20 28 | 0 39 | 3 11 | 2 38 | 18 13 | 17 1 | 4 46 |
| T 5 | 22 20 | 14 30 | 3 25 | 25 47 | 2 27 | 19 3 | 0 2 | 21 39 | 1 21 | 15 13 | 0 53 | 12 13 | 2 16 | 8 53 | 0 46 | 7 45 | 0 41 | 20 28 | 0 38 | 3 9 | 2 36 | 18 13 | 17 1 | 4 46 |
| F 6 | 22 28 | 16 57 | 4 15 | 25 43 | 2 26 | 18 44 | 0n13 | 21 29 | 1 21 | 15 10 | 0 53 | 12 15 | 2 16 | 8 52 | 0 46 | 7 45 | 0 41 | 20 28 | 0 38 | 3 6 | 2 35 | 18 12 | 17 0 | 4 46 |
| S 7 | 22 34 | 18 15 | 4 49 | 25 38 | 2 24 | 18 26 | 0 27 | 21 19 | 1 20 | 15 7 | 0 53 | 12 17 | 2 16 | 8 52 | 0 46 | 7 45 | 0 41 | 20 28 | 0 38 | 3 2 | 2 34 | 18 12 | 17 0 | 4 46 |
| S 8 | 22 41 | 18 13 | 5 2 | 25 32 | 2 21 | 18 9 | 0 40 | 21 8 | 1 20 | 15 3 | 0 53 | 12 19 | 2 16 | 8 51 | 0 46 | 7 45 | 0 41 | 20 29 | 0 38 | 2 58 | 2 33 | 18 12 | 16 59 | 4 46 |
| M 9 | 22 47 | 16 54 | 4 54 | 25 24 | 2 18 | 17 53 | 0 54 | 20 57 | 1 20 | 15 0 | 0 53 | 12 21 | 2 16 | 8 51 | 0 46 | 7 45 | 0 42 | 20 29 | 0 38 | 2 54 | 2 31 | 18 12 | 16 58 | 4 47 |
| T 10 | 22 52 | 14 27 | 4 25 | 25 16 | 2 13 | 17 38 | 1 6 | 20 47 | 1 19 | 14 57 | 0 53 | 12 22 | 2 17 | 8 51 | 0 46 | 7 45 | 0 42 | 20 29 | 0 38 | 2 51 | 2 30 | 18 11 | 16 58 | 4 47 |
| W11 | 22 57 | 11 9 | 3 41 | 25 6 | 2 8 | 17 24 | 1 19 | 20 35 | 1 19 | 14 54 | 0 53 | 12 24 | 2 17 | 8 50 | 0 46 | 7 45 | 0 42 | 20 29 | 0 38 | 2 49 | 2 29 | 18 11 | 16 57 | 4 47 |
| T 12 | 23 2 | 7 19 | 2 44 | 24 55 | 2 2 | 17 11 | 1 31 | 20 24 | 1 19 | 14 50 | 0 53 | 12 26 | 2 17 | 8 50 | 0 46 | 7 45 | 0 42 | 20 29 | 0 38 | 2 47 | 2 28 | 18 11 | 16 57 | 4 47 |
| F 13 | 23 6 | 3 13 | 1 39 | 24 43 | 1 55 | 17 0 | 1 42 | 20 13 | 1 18 | 14 47 | 0 53 | 12 28 | 2 17 | 8 49 | 0 46 | 7 45 | 0 42 | 20 30 | 0 38 | 2 47 | 2 26 | 18 11 | 16 56 | 4 47 |
| S 14 | 23 10 | 0s55 | 0 31 | 24 30 | 1 47 | 16 49 | 1 53 | 20 1 | 1 18 | 14 44 | 0 52 | 12 30 | 2 17 | 8 49 | 0 46 | 7 45 | 0 42 | 20 30 | 0 38 | 2 47 | 2 25 | 18 11 | 16 56 | 4 47 |
| S 15 | 23 13 | 4 54 | 0n36 | 24 16 | 1 37 | 16 39 | 2 3 | 19 49 | 1 18 | 14 40 | 0 52 | 12 31 | 2 17 | 8 48 | 0 46 | 7 45 | 0 42 | 20 30 | 0 38 | 2 47 | 2 24 | 18 10 | 16 55 | 4 47 |
| M16 | 23 16 | 8 35 | 1 40 | 24 2 | 1 27 | 16 30 | 2 13 | 19 37 | 1 17 | 14 37 | 0 52 | 12 33 | 2 17 | 8 47 | 0 46 | 7 45 | 0 42 | 20 30 | 0 38 | 2 46 | 2 23 | 18 10 | 16 55 | 4 47 |
| T 17 | 23 18 | 11 50 | 2 39 | 23 47 | 1 15 | 16 23 | 2 23 | 19 24 | 1 17 | 14 33 | 0 52 | 12 35 | 2 18 | 8 47 | 0 46 | 7 45 | 0 42 | 20 31 | 0 38 | 2 45 | 2 21 | 18 10 | 16 54 | 4 47 |
| W18 | 23 20 | 14 32 | 3 29 | 23 32 | 1 1 | 16 16 | 2 32 | 19 11 | 1 16 | 14 29 | 0 52 | 12 36 | 2 18 | 8 46 | 0 46 | 7 45 | 0 42 | 20 31 | 0 38 | 2 42 | 2 20 | 18 10 | 16 54 | 4 47 |
| T 19 | 23 21 | 16 35 | 4 9 | 23 17 | 0 47 | 16 10 | 2 41 | 18 59 | 1 16 | 14 26 | 0 52 | 12 38 | 2 18 | 8 46 | 0 46 | 7 45 | 0 42 | 20 31 | 0 38 | 2 38 | 2 19 | 18 9 | 16 53 | 4 47 |
| F 20 | 23 22 | 17 54 | 4 38 | 23 1 | 0 31 | 16 6 | 2 49 | 18 46 | 1 16 | 14 22 | 0 52 | 12 40 | 2 18 | 8 45 | 0 46 | 7 46 | 0 42 | 20 31 | 0 38 | 2 33 | 2 18 | 18 9 | 16 53 | 4 47 |
| S 21 | 23 23 | 18 25 | 4 55 | 22 46 | 0 14 | 16 2 | 2 56 | 18 32 | 1 15 | 14 18 | 0 52 | 12 41 | 2 18 | 8 44 | 0 46 | 7 46 | 0 42 | 20 32 | 0 38 | 2 27 | 2 16 | 18 9 | 16 52 | 4 47 |
| S 22 | 23 23 | 18 9 | 4 59 | 22 30 | 0n 4 | 15 59 | 3 4 | 18 19 | 1 15 | 14 15 | 0 52 | 12 43 | 2 18 | 8 44 | 0 46 | 7 46 | 0 42 | 20 32 | 0 38 | 2 21 | 2 15 | 18 9 | 16 52 | 4 47 |
| M23 | 23 22 | 17 4 | 4 50 | 22 15 | 0 23 | 15 57 | 3 10 | 18 5 | 1 14 | 14 11 | 0 52 | 12 44 | 2 18 | 8 43 | 0 46 | 7 46 | 0 42 | 20 32 | 0 37 | 2 16 | 2 14 | 18 8 | 16 52 | 4 47 |
| T 24 | 23 21 | 15 16 | 4 28 | 22 0 | 0 43 | 15 56 | 3 17 | 17 51 | 1 14 | 14 7 | 0 52 | 12 46 | 2 19 | 8 42 | 0 46 | 7 46 | 0 42 | 20 32 | 0 37 | 2 10 | 2 13 | 18 8 | 16 51 | 4 46 |
| W25 | 23 20 | 12 48 | 3 54 | 21 46 | 1 3 | 15 56 | 3 23 | 17 37 | 1 13 | 14 3 | 0 52 | 12 47 | 2 19 | 8 42 | 0 46 | 7 46 | 0 42 | 20 33 | 0 37 | 2 6 | 2 11 | 18 8 | 16 51 | 4 46 |
| T 26 | 23 18 | 9 47 | 3 10 | 21 32 | 1 23 | 15 56 | 3 28 | 17 23 | 1 13 | 13 59 | 0 52 | 12 49 | 2 19 | 8 41 | 0 46 | 7 46 | 0 42 | 20 33 | 0 37 | 2 3 | 2 10 | 18 8 | 16 50 | 4 46 |
| F 27 | 23 16 | 6 19 | 2 16 | 21 19 | 1 42 | 15 57 | 3 33 | 17 9 | 1 13 | 13 55 | 0 52 | 12 50 | 2 19 | 8 40 | 0 46 | 7 47 | 0 42 | 20 33 | 0 37 | 2 1 | 2 9 | 18 7 | 16 50 | 4 46 |
| S 28 | 23 13 | 2 30 | 1 15 | 21 6 | 2 0 | 15 59 | 3 38 | 16 54 | 1 12 | 13 51 | 0 52 | 12 52 | 2 19 | 8 39 | 0 46 | 7 47 | 0 42 | 20 33 | 0 37 | 2 1 | 2 7 | 18 7 | 16 50 | 4 46 |
| S 29 | 23 10 | 1n30 | 0 9 | 20 55 | 2 16 | 16 1 | 3 43 | 16 40 | 1 12 | 13 47 | 0 52 | 12 53 | 2 20 | 8 39 | 0 46 | 7 47 | 0 42 | 20 34 | 0 37 | 2 0 | 2 6 | 18 7 | 16 49 | 4 46 |
| M30 | 23 6 | 5 33 | 1s 0 | 20 44 | 2 31 | 16 4 | 3 47 | 16 25 | 1 11 | 13 43 | 0 52 | 12 54 | 2 20 | 8 38 | 0 45 | 7 47 | 0 42 | 20 34 | 0 37 | 2 0 | 2 5 | 18 6 | 16 49 | 4 46 |
| T 31 | 23s 2 | 9n27 | 2s 8 | 20s35 | 2n43 | 16s 7 | 3n50 | 16s10 | 1s11 | 13s39 | 0s52 | 12s56 | 2n20 | 8s37 | 0s45 | 7n48 | 0n42 | 20n34 | 0s37 | 2s 0 | 2s 4 | 18s 6 | 16n48 | 4s46 |

Julian Day Number = 2606742.5, Delta T = 09m51s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'52, Lahiri = 29°47'53


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## JANUARY 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 44 8 | 10♑43'24 | 13♉59 | 3°R22 | 29♏30 | 19♒56 | 26♒ 8 | 11♏16 | 9♓44 | 11°R44 | 24°R25 | 5°R 0 | 5♎ 9 | 6♑10 | 7°R29 | W 1 |
| T 2 | 6 48 4 | 11°44'29 | 28°26 | 2♑15 | 0♐ 6 | 20°43 | 26°21 | 11°20 | 9°46 | 11♍43 | 24♋24 | 4♎54 | 5° 6 | 6°17 | 7♊26 | T 2 |
| F 3 | 6 52 1 | 12°45'35 | 13♊20 | 1°17 | 0°44 | 21°30 | 26°33 | 11°25 | 9°48 | 11°43 | 24°23 | 4°45 | 5° 3 | 6°24 | 7°23 | F 3 |
| S 4 | 6 55 58 | 13°46'41 | 28°33 | 0°29 | 1°22 | 22°18 | 26°45 | 11°30 | 9°51 | 11°42 | 24°21 | 4°35 | 4°59 | 6°31 | 7°21 | S 4 |
| S 5 | 6 59 54 | 14°47'47 | 13♋55 | 29♐52 | 2° 2 | 23° 5 | 26°58 | 11°34 | 9°53 | 11°41 | 24°20 | 4°23 | 4°56 | 6°37 | 7°18 | S 5 |
| M 6 | 7 3 51 | 15°48'54 | 29°15 | 29°25 | 2°43 | 23°52 | 27°10 | 11°39 | 9°55 | 11°40 | 24°19 | 4°12 | 4°53 | 6°44 | 7°16 | M 6 |
| T 7 | 7 7 47 | 16°50'00 | 14♌20 | 29° 8 | 3°25 | 24°39 | 27°23 | 11°43 | 9°57 | 11°40 | 24°18 | 4° 3 | 4°50 | 6°51 | 7°13 | T 7 |
| W 8 | 7 11 44 | 17°51'07 | 29° 2 | 29°D 1 | 4° 9 | 25°26 | 27°35 | 11°47 | 10° 0 | 11°39 | 24°16 | 3°56 | 4°47 | 6°57 | 7°11 | W 8 |
| T 9 | 7 15 40 | 18°52'14 | 13♍15 | 29° 4 | 4°53 | 26°13 | 27°48 | 11°52 | 10° 2 | 11°38 | 24°15 | 3°52 | 4°44 | 7° 4 | 7° 9 | T 9 |
| F 10 | 7 19 37 | 19°53'21 | 26°58 | 29°15 | 5°38 | 27° 0 | 28° 1 | 11°56 | 10° 5 | 11°37 | 24°14 | 3°51 | 4°40 | 7°11 | 7° 6 | F 10 |
| S 11 | 7 23 33 | 20°54'29 | 10♎13 | 29°34 | 6°25 | 27°47 | 28°14 | 12° 0 | 10° 7 | 11°36 | 24°13 | 3°D50 | 4°37 | 7°18 | 7° 4 | S 11 |
| S 12 | 7 27 30 | 21°55'37 | 23° 2 | 0♑ 0 | 7°12 | 28°34 | 28°27 | 12° 4 | 10°10 | 11°35 | 24°11 | 3°R51 | 4°34 | 7°24 | 7° 2 | S 12 |
| M13 | 7 31 27 | 22°56'45 | 5♏31 | 0°33 | 8° 0 | 29°21 | 28°40 | 12° 8 | 10°12 | 11°34 | 24°10 | 3°50 | 4°31 | 7°31 | 7° 0 | M13 |
| T 14 | 7 35 23 | 23°57'54 | 17°44 | 1°12 | 8°49 | 0♓ 8 | 28°53 | 12°11 | 10°15 | 11°33 | 24° 9 | 3°47 | 4°28 | 7°38 | 6°58 | T 14 |
| W15 | 7 39 20 | 24°59'02 | 29°46 | 1°56 | 9°39 | 0°56 | 29° 6 | 12°15 | 10°18 | 11°32 | 24° 8 | 3°42 | 4°24 | 7°45 | 6°56 | W15 |
| T 16 | 7 43 16 | 26° 0'11 | 11♐41 | 2°44 | 10°30 | 1°43 | 29°19 | 12°19 | 10°20 | 11°31 | 24° 6 | 3°34 | 4°21 | 7°51 | 6°54 | T 16 |
| F 17 | 7 47 13 | 27° 1'19 | 23°33 | 3°37 | 11°22 | 2°30 | 29°32 | 12°22 | 10°23 | 11°30 | 24° 5 | 3°23 | 4°18 | 7°58 | 6°52 | F 17 |
| S 18 | 7 51 9 | 28° 2'28 | 5♑24 | 4°33 | 12°14 | 3°17 | 29°46 | 12°26 | 10°26 | 11°29 | 24° 4 | 3°11 | 4°15 | 8° 5 | 6°50 | S 18 |
| S 19 | 7 55 6 | 29° 3'36 | 17°16 | 5°33 | 13° 7 | 4° 4 | 29°59 | 12°29 | 10°28 | 11°28 | 24° 2 | 2°57 | 4°12 | 8°11 | 6°48 | S 19 |
| M20 | 7 59 3 | 0♒ 4'44 | 29°12 | 6°36 | 14° 0 | 4°51 | 0♓13 | 12°32 | 10°31 | 11°27 | 24° 1 | 2°45 | 4° 9 | 8°18 | 6°47 | M20 |
| T 21 | 8 2 59 | 1° 5'52 | 11♒11 | 7°41 | 14°55 | 5°38 | 0°26 | 12°36 | 10°34 | 11°26 | 24° 0 | 2°33 | 4° 5 | 8°25 | 6°45 | T 21 |
| W22 | 8 6 56 | 2° 6'59 | 23°16 | 8°49 | 15°49 | 6°26 | 0°40 | 12°39 | 10°37 | 11°24 | 23°59 | 2°24 | 4° 2 | 8°32 | 6°44 | W22 |
| T 23 | 8 10 52 | 3° 8'06 | 5♓28 | 9°59 | 16°45 | 7°13 | 0°53 | 12°42 | 10°40 | 11°23 | 23°57 | 2°18 | 3°59 | 8°38 | 6°42 | T 23 |
| F 24 | 8 14 49 | 4° 9'12 | 17°48 | 11°11 | 17°41 | 8° 0 | 1° 7 | 12°44 | 10°43 | 11°22 | 23°56 | 2°14 | 3°56 | 8°45 | 6°41 | F 24 |
| S 25 | 8 18 45 | 5°10'17 | 0♈20 | 12°25 | 18°38 | 8°47 | 1°20 | 12°47 | 10°46 | 11°21 | 23°55 | 2°D13 | 3°53 | 8°52 | 6°39 | S 25 |
| S 26 | 8 22 42 | 6°11'22 | 13° 5 | 13°41 | 19°35 | 9°34 | 1°34 | 12°50 | 10°49 | 11°19 | 23°54 | 2°13 | 3°49 | 8°58 | 6°38 | S 26 |
| M27 | 8 26 38 | 7°12'25 | 26° 8 | 14°58 | 20°32 | 10°21 | 1°48 | 12°52 | 10°52 | 11°18 | 23°52 | 2°14 | 3°46 | 9° 5 | 6°37 | M27 |
| T 28 | 8 30 35 | 8°13'28 | 9♉32 | 16°16 | 21°30 | 11° 8 | 2° 2 | 12°55 | 10°55 | 11°17 | 23°51 | 2°R15 | 3°43 | 9°12 | 6°36 | T 28 |
| W29 | 8 34 31 | 9°14'30 | 23°19 | 17°36 | 22°29 | 11°55 | 2°16 | 12°57 | 10°58 | 11°15 | 23°50 | 2°14 | 3°40 | 9°19 | 6°35 | W29 |
| T 30 | 8 38 28 | 10°15'31 | 7♊31 | 18°57 | 23°28 | 12°42 | 2°30 | 13° 0 | 11° 1 | 11°14 | 23°49 | 2°11 | 3°37 | 9°25 | 6°34 | T 30 |
| F 31 | 8 42 25 | 11♒16'31 | 22♊ 5 | 20♑19 | 24♐28 | 13♓30 | 2♓43 | 13♏ 2 | 11♓ 4 | 11♍13 | 23♋47 | 2♎ 5 | 3♎34 | 9♑32 | 6♊33 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | lat |
| W 1 | 22s57 | 12n58 | 3s10 | 20s27 | 2n53 | 16s11 | 3n54 | 15s54 | 1s10 | 13s35 | 0s52 | 12s57 | 2n20 | 8s36 | 0s45 | 7n48 | 0n42 | 20n35 | 0s37 | 1s59 | 2s 2 | 18s 6 | 16n48 | 4s46 |
| T 2 | 22 52 | 15 49 | 4 2 | 20 21 | 3 0 | 16 16 | 3 57 | 15 39 | 1 10 | 13 31 | 0 52 | 12 58 | 2 20 | 8 35 | 0 45 | 7 48 | 0 42 | 20 35 | 0 37 | 1 56 | 2 1 | 18 6 | 16 48 | 4 46 |
| F 3 | 22 46 | 17 43 | 4 40 | 20 17 | 3 5 | 16 21 | 4 0 | 15 24 | 1 9 | 13 27 | 0 52 | 13 0 | 2 20 | 8 34 | 0 45 | 7 48 | 0 42 | 20 35 | 0 37 | 1 53 | 2 0 | 18 5 | 16 48 | 4 46 |
| S 4 | 22 40 | 18 24 | 4 59 | 20 15 | 3 8 | 16 26 | 4 2 | 15 8 | 1 9 | 13 22 | 0 52 | 13 1 | 2 21 | 8 34 | 0 45 | 7 49 | 0 42 | 20 35 | 0 37 | 1 49 | 1 59 | 18 5 | 16 47 | 4 46 |
| S 5 | 22 34 | 17 45 | 4 56 | 20 15 | 3 8 | 16 31 | 4 4 | 14 52 | 1 8 | 13 18 | 0 52 | 13 2 | 2 21 | 8 33 | 0 45 | 7 49 | 0 42 | 20 36 | 0 37 | 1 44 | 1 57 | 18 5 | 16 47 | 4 45 |
| M 6 | 22 27 | 15 49 | 4 33 | 20 16 | 3 7 | 16 37 | 4 6 | 14 36 | 1 8 | 13 14 | 0 51 | 13 3 | 2 21 | 8 32 | 0 45 | 7 49 | 0 42 | 20 36 | 0 37 | 1 40 | 1 56 | 18 4 | 16 47 | 4 45 |
| T 7 | 22 19 | 12 49 | 3 50 | 20 19 | 3 4 | 16 44 | 4 8 | 14 20 | 1 7 | 13 10 | 0 51 | 13 4 | 2 21 | 8 31 | 0 45 | 7 50 | 0 42 | 20 36 | 0 37 | 1 36 | 1 55 | 18 4 | 16 46 | 4 45 |
| W 8 | 22 12 | 9 5 | 2 53 | 20 23 | 3 0 | 16 50 | 4 9 | 14 4 | 1 7 | 13 5 | 0 51 | 13 5 | 2 21 | 8 30 | 0 45 | 7 50 | 0 42 | 20 37 | 0 37 | 1 34 | 1 54 | 18 4 | 16 46 | 4 45 |
| T 9 | 22 3 | 4 55 | 1 47 | 20 29 | 2 54 | 16 57 | 4 10 | 13 47 | 1 6 | 13 1 | 0 51 | 13 6 | 2 22 | 8 29 | 0 45 | 7 50 | 0 43 | 20 37 | 0 37 | 1 32 | 1 52 | 18 4 | 16 46 | 4 45 |
| F 10 | 21 55 | 0 39 | 0 36 | 20 35 | 2 48 | 17 4 | 4 11 | 13 31 | 1 6 | 12 56 | 0 51 | 13 8 | 2 22 | 8 28 | 0 45 | 7 51 | 0 43 | 20 37 | 0 36 | 1 31 | 1 51 | 18 3 | 16 46 | 4 45 |
| S 11 | 21 46 | 3s31 | 0n34 | 20 43 | 2 40 | 17 11 | 4 12 | 13 14 | 1 5 | 12 52 | 0 51 | 13 9 | 2 22 | 8 27 | 0 45 | 7 51 | 0 43 | 20 37 | 0 36 | 1 31 | 1 50 | 18 3 | 16 45 | 4 45 |
| S 12 | 21 36 | 7 23 | 1 40 | 20 51 | 2 32 | 17 19 | 4 12 | 12 57 | 1 4 | 12 47 | 0 51 | 13 10 | 2 22 | 8 26 | 0 45 | 7 51 | 0 43 | 20 38 | 0 36 | 1 31 | 1 49 | 18 3 | 16 45 | 4 44 |
| M13 | 21 26 | 10 49 | 2 40 | 20 59 | 2 24 | 17 26 | 4 12 | 12 40 | 1 4 | 12 43 | 0 51 | 13 11 | 2 22 | 8 25 | 0 45 | 7 52 | 0 43 | 20 38 | 0 36 | 1 31 | 1 47 | 18 2 | 16 45 | 4 44 |
| T 14 | 21 16 | 13 42 | 3 31 | 21 7 | 2 15 | 17 34 | 4 12 | 12 23 | 1 3 | 12 38 | 0 51 | 13 11 | 2 23 | 8 24 | 0 45 | 7 52 | 0 43 | 20 38 | 0 36 | 1 30 | 1 46 | 18 2 | 16 45 | 4 44 |
| W15 | 21 5 | 15 57 | 4 11 | 21 16 | 2 6 | 17 41 | 4 12 | 12 6 | 1 3 | 12 34 | 0 51 | 13 12 | 2 23 | 8 23 | 0 45 | 7 53 | 0 43 | 20 38 | 0 36 | 1 28 | 1 45 | 18 2 | 16 45 | 4 44 |
| T 16 | 20 54 | 17 30 | 4 41 | 21 24 | 1 57 | 17 49 | 4 12 | 11 49 | 1 2 | 12 29 | 0 51 | 13 13 | 2 23 | 8 22 | 0 45 | 7 53 | 0 43 | 20 39 | 0 36 | 1 25 | 1 44 | 18 1 | 16 45 | 4 44 |
| F 17 | 20 42 | 18 16 | 4 58 | 21 33 | 1 47 | 17 57 | 4 11 | 11 31 | 1 2 | 12 24 | 0 51 | 13 14 | 2 23 | 8 21 | 0 45 | 7 54 | 0 43 | 20 39 | 0 36 | 1 21 | 1 42 | 18 1 | 16 44 | 4 44 |
| S 18 | 20 30 | 18 15 | 5 2 | 21 40 | 1 38 | 18 4 | 4 10 | 11 14 | 1 1 | 12 20 | 0 51 | 13 15 | 2 24 | 8 20 | 0 45 | 7 54 | 0 43 | 20 39 | 0 36 | 1 16 | 1 41 | 18 1 | 16 44 | 4 43 |
| S 19 | 20 18 | 17 26 | 4 53 | 21 48 | 1 28 | 18 12 | 4 9 | 10 56 | 1 1 | 12 15 | 0 51 | 13 16 | 2 24 | 8 19 | 0 45 | 7 54 | 0 43 | 20 40 | 0 36 | 1 10 | 1 40 | 18 0 | 16 44 | 4 43 |
| M20 | 20 5 | 15 51 | 4 31 | 21 54 | 1 19 | 18 19 | 4 8 | 10 38 | 1 0 | 12 10 | 0 51 | 13 16 | 2 24 | 8 18 | 0 45 | 7 55 | 0 43 | 20 40 | 0 36 | 1 5 | 1 39 | 18 0 | 16 44 | 4 43 |
| T 21 | 19 52 | 13 34 | 3 57 | 22 0 | 1 10 | 18 27 | 4 6 | 10 20 | 0 59 | 12 5 | 0 51 | 13 17 | 2 24 | 8 17 | 0 45 | 7 55 | 0 43 | 20 40 | 0 36 | 1 1 | 1 37 | 18 0 | 16 44 | 4 43 |
| W22 | 19 38 | 10 42 | 3 12 | 22 5 | 1 0 | 18 34 | 4 5 | 10 3 | 0 59 | 12 1 | 0 51 | 13 18 | 2 25 | 8 16 | 0 45 | 7 56 | 0 43 | 20 40 | 0 36 | 0 57 | 1 36 | 17 59 | 16 44 | 4 43 |
| T 23 | 19 25 | 7 21 | 2 18 | 22 10 | 0 51 | 18 41 | 4 3 | 9 45 | 0 58 | 11 56 | 0 51 | 13 19 | 2 25 | 8 15 | 0 45 | 7 56 | 0 43 | 20 41 | 0 36 | 0 55 | 1 35 | 17 59 | 16 44 | 4 43 |
| F 24 | 19 10 | 3 38 | 1 16 | 22 13 | 0 42 | 18 48 | 4 1 | 9 26 | 0 58 | 11 51 | 0 51 | 13 19 | 2 25 | 8 13 | 0 45 | 7 57 | 0 43 | 20 41 | 0 36 | 0 53 | 1 34 | 17 59 | 16 44 | 4 42 |
| S 25 | 18 56 | 0n17 | 0 10 | 22 16 | 0 33 | 18 55 | 3 59 | 9 8 | 0 57 | 11 46 | 0 51 | 13 20 | 2 25 | 8 12 | 0 45 | 7 57 | 0 43 | 20 41 | 0 35 | 0 53 | 1 32 | 17 58 | 16 44 | 4 42 |
| S 26 | 18 41 | 4 16 | 0s58 | 22 17 | 0 24 | 19 2 | 3 57 | 8 50 | 0 56 | 11 41 | 0 51 | 13 20 | 2 25 | 8 11 | 0 45 | 7 58 | 0 43 | 20 42 | 0 35 | 0 53 | 1 31 | 17 58 | 16 44 | 4 42 |
| M27 | 18 26 | 8 8 | 2 5 | 22 18 | 0 15 | 19 8 | 3 55 | 8 32 | 0 56 | 11 36 | 0 51 | 13 21 | 2 26 | 8 10 | 0 45 | 7 58 | 0 43 | 20 42 | 0 35 | 0 53 | 1 30 | 17 58 | 16 44 | 4 42 |
| T 28 | 18 10 | 11 41 | 3 6 | 22 17 | 0 7 | 19 15 | 3 52 | 8 13 | 0 55 | 11 31 | 0 51 | 13 21 | 2 26 | 8 9 | 0 45 | 7 59 | 0 43 | 20 42 | 0 35 | 0 53 | 1 28 | 17 57 | 16 44 | 4 42 |
| W29 | 17 54 | 14 42 | 3 59 | 22 15 | 0s 2 | 19 21 | 3 50 | 7 55 | 0 55 | 11 27 | 0 51 | 13 22 | 2 26 | 8 8 | 0 45 | 7 59 | 0 43 | 20 42 | 0 35 | 0 53 | 1 27 | 17 57 | 16 44 | 4 41 |
| T 30 | 17 38 | 16 55 | 4 39 | 22 13 | 0 10 | 19 26 | 3 47 | 7 36 | 0 54 | 11 22 | 0 51 | 13 22 | 2 26 | 8 6 | 0 45 | 8 0 | 0 43 | 20 43 | 0 35 | 0 52 | 1 26 | 17 56 | 16 44 | 4 41 |
| F 31 | 17s21 | 18n 7 | 5s 2 | 22s 9 | 0s18 | 19s32 | 3n44 | 7s18 | 0s53 | 11s17 | 0s51 | 13s23 | 2n27 | 8s 5 | 0s45 | 8n 0 | 0n43 | 20n43 | 0s35 | 0s50 | 1s25 | 17s56 | 16n44 | 4s41 |

Julian Day Number = 2606773.5, Delta T = 09m51s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°40'56, Lahiri = 29°47'58


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## FEBRUARY 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 46 21 | 12♒17'30 | 6♋59 | 21♑42 | 25♐28 | 14♓17 | 2♓57 | 13♏ 4 | 11♓ 7 | 11°R11 | 23°R46 | 1°R59 | 3♎30 | 9♑39 | 6°R32 | S 1 |
| S 2 | 8 50 18 | 13°18'28 | 22° 4 | 23° 5 | 26°28 | 15° 4 | 3°11 | 13° 6 | 11°10 | 11♍10 | 23♋45 | 1♎51 | 3°27 | 9°46 | 6♊31 | S 2 |
| M 3 | 8 54 14 | 14°19'25 | 7♌12 | 24°30 | 27°29 | 15°51 | 3°26 | 13° 8 | 11°13 | 11° 8 | 23°44 | 1°43 | 3°24 | 9°52 | 6°30 | M 3 |
| T 4 | 8 58 11 | 15°20'21 | 22°11 | 25°56 | 28°30 | 16°38 | 3°40 | 13°10 | 11°16 | 11° 7 | 23°43 | 1°37 | 3°21 | 9°59 | 6°30 | T 4 |
| W 5 | 9 2 7 | 16°21'16 | 6♍54 | 27°23 | 29°31 | 17°25 | 3°54 | 13°11 | 11°20 | 11° 6 | 23°42 | 1°32 | 3°18 | 10° 6 | 6°29 | W 5 |
| T 6 | 9 6 4 | 17°22'10 | 21°12 | 28°50 | 0♑33 | 18°12 | 4° 8 | 13°13 | 11°23 | 11° 4 | 23°40 | 1°30 | 3°15 | 10°12 | 6°29 | T 6 |
| F 7 | 9 10 0 | 18°23'04 | 5♎ 4 | 0♒19 | 1°36 | 18°58 | 4°22 | 13°14 | 11°26 | 11° 2 | 23°39 | 1°D29 | 3°11 | 10°19 | 6°28 | F 7 |
| S 8 | 9 13 57 | 19°23'57 | 18°27 | 1°48 | 2°38 | 19°45 | 4°36 | 13°16 | 11°29 | 11° 1 | 23°38 | 1°30 | 3° 8 | 10°26 | 6°28 | S 8 |
| S 9 | 9 17 54 | 20°24'49 | 1♏24 | 3°18 | 3°41 | 20°32 | 4°50 | 13°17 | 11°33 | 10°59 | 23°37 | 1°32 | 3° 5 | 10°33 | 6°28 | S 9 |
| M10 | 9 21 50 | 21°25'40 | 13°59 | 4°49 | 4°44 | 21°19 | 5° 5 | 13°18 | 11°36 | 10°58 | 23°36 | 1°33 | 3° 2 | 10°39 | 6°27 | M10 |
| T 11 | 9 25 47 | 22°26'30 | 26°16 | 6°20 | 5°48 | 22° 6 | 5°19 | 13°19 | 11°39 | 10°56 | 23°35 | 1°R33 | 2°59 | 10°46 | 6°27 | T 11 |
| W12 | 9 29 43 | 23°27'20 | 8♐19 | 7°52 | 6°52 | 22°53 | 5°33 | 13°20 | 11°42 | 10°55 | 23°34 | 1°32 | 2°55 | 10°53 | 6°27 | W12 |
| T 13 | 9 33 40 | 24°28'09 | 20°14 | 9°25 | 7°56 | 23°40 | 5°48 | 13°21 | 11°46 | 10°53 | 23°33 | 1°29 | 2°52 | 10°59 | 6°D27 | T 13 |
| F 14 | 9 37 36 | 25°28'57 | 2♑ 6 | 10°59 | 9° 0 | 24°27 | 6° 2 | 13°22 | 11°49 | 10°52 | 23°32 | 1°24 | 2°49 | 11° 6 | 6°27 | F 14 |
| S 15 | 9 41 33 | 26°29'44 | 13°57 | 12°34 | 10° 5 | 25°13 | 6°16 | 13°22 | 11°52 | 10°50 | 23°30 | 1°18 | 2°46 | 11°13 | 6°27 | S 15 |
| S 16 | 9 45 29 | 27°30'29 | 25°51 | 14° 9 | 11°10 | 26° 0 | 6°31 | 13°23 | 11°56 | 10°48 | 23°29 | 1°12 | 2°43 | 11°20 | 6°27 | S 16 |
| M17 | 9 49 26 | 28°31'14 | 7♒51 | 15°46 | 12°15 | 26°47 | 6°45 | 13°23 | 11°59 | 10°47 | 23°28 | 1° 5 | 2°40 | 11°26 | 6°28 | M17 |
| T 18 | 9 53 23 | 29°31'57 | 19°59 | 17°23 | 13°20 | 27°34 | 6°59 | 13°24 | 12° 3 | 10°45 | 23°27 | 1° 0 | 2°36 | 11°33 | 6°28 | T 18 |
| W19 | 9 57 19 | 0♓32'39 | 2♓15 | 19° 0 | 14°26 | 28°20 | 7°14 | 13°24 | 12° 6 | 10°43 | 23°26 | 0°55 | 2°33 | 11°40 | 6°29 | W19 |
| T 20 | 10 1 16 | 1°33'20 | 14°42 | 20°39 | 15°32 | 29° 7 | 7°28 | 13°24 | 12° 9 | 10°42 | 23°25 | 0°53 | 2°30 | 11°47 | 6°29 | T 20 |
| F 21 | 10 5 12 | 2°33'59 | 27°19 | 22°19 | 16°38 | 29°54 | 7°43 | 13°R24 | 12°13 | 10°40 | 23°24 | 0°D52 | 2°27 | 11°53 | 6°30 | F 21 |
| S 22 | 10 9 9 | 3°34'37 | 10♈ 8 | 23°59 | 17°44 | 0♈40 | 7°57 | 13°24 | 12°16 | 10°38 | 23°24 | 0°52 | 2°24 | 12° 0 | 6°30 | S 22 |
| S 23 | 10 13 5 | 4°35'13 | 23° 9 | 25°40 | 18°50 | 1°27 | 8°12 | 13°24 | 12°20 | 10°37 | 23°23 | 0°53 | 2°21 | 12° 7 | 6°31 | S 23 |
| M24 | 10 17 2 | 5°35'48 | 6♉25 | 27°22 | 19°57 | 2°13 | 8°26 | 13°23 | 12°23 | 10°35 | 23°22 | 0°55 | 2°17 | 12°13 | 6°32 | M24 |
| T 25 | 10 20 58 | 6°36'20 | 19°55 | 29° 5 | 21° 4 | 3° 0 | 8°41 | 13°23 | 12°26 | 10°33 | 23°21 | 0°56 | 2°14 | 12°20 | 6°33 | T 25 |
| W26 | 10 24 55 | 7°36'51 | 3♊41 | 0♓49 | 22°11 | 3°46 | 8°55 | 13°22 | 12°30 | 10°32 | 23°20 | 0°R57 | 2°11 | 12°27 | 6°34 | W26 |
| T 27 | 10 28 52 | 8°37'21 | 17°44 | 2°34 | 23°18 | 4°33 | 9°10 | 13°22 | 12°33 | 10°30 | 23°19 | 0°57 | 2° 8 | 12°34 | 6°35 | T 27 |
| F 28 | 10 32 48 | 9♓37'48 | 2♋ 1 | 4♓20 | 24♑25 | 5♈19 | 9♓24 | 13♏21 | 12♓37 | 10♍28 | 23♋18 | 0♎55 | 2♎ 5 | 12♑40 | 6♊36 | F 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 4 | 18n 7 | 5s 6 | 22s 3 | 0s25 | 19s37 | 3n41 | 6s59 | 0s53 | 11s12 | 0s51 | 13s23 | 2n27 | 8s 4 | 0s45 | 8n 1 | 0n43 | 20n43 | 0s35 | 0s47 | 1s23 | 17s56 | 16n44 | 4s41 |
| S 2 | 16 47 | 16 50 | 4 48 | 21 57 | 0 33 | 19 42 | 3 38 | 6 40 | 0 52 | 11 6 | 0 51 | 13 24 | 2 27 | 8 3 | 0 45 | 8 2 | 0 43 | 20 44 | 0 35 | 0 44 | 1 22 | 17 55 | 16 44 | 4 40 |
| M 3 | 16 30 | 14 23 | 4 11 | 21 50 | 0 40 | 19 46 | 3 35 | 6 22 | 0 51 | 11 1 | 0 51 | 13 24 | 2 27 | 8 2 | 0 45 | 8 2 | 0 43 | 20 44 | 0 35 | 0 41 | 1 21 | 17 55 | 16 44 | 4 40 |
| T 4 | 16 12 | 10 59 | 3 16 | 21 41 | 0 47 | 19 50 | 3 32 | 6 3 | 0 51 | 10 56 | 0 51 | 13 24 | 2 28 | 8 0 | 0 45 | 8 3 | 0 43 | 20 44 | 0 35 | 0 38 | 1 20 | 17 55 | 16 44 | 4 40 |
| W 5 | 15 54 | 6 58 | 2 9 | 21 31 | 0 54 | 19 54 | 3 29 | 5 44 | 0 50 | 10 51 | 0 51 | 13 24 | 2 28 | 7 59 | 0 45 | 8 3 | 0 43 | 20 44 | 0 35 | 0 37 | 1 18 | 17 54 | 16 45 | 4 40 |
| T 6 | 15 35 | 2 38 | 0 55 | 21 20 | 1 1 | 19 57 | 3 25 | 5 25 | 0 49 | 10 46 | 0 51 | 13 25 | 2 28 | 7 58 | 0 45 | 8 4 | 0 43 | 20 45 | 0 35 | 0 36 | 1 17 | 17 54 | 16 45 | 4 40 |
| F 7 | 15 17 | 1s43 | 0n19 | 21 7 | 1 7 | 20 0 | 3 22 | 5 6 | 0 49 | 10 41 | 0 51 | 13 25 | 2 28 | 7 57 | 0 45 | 8 5 | 0 43 | 20 45 | 0 35 | 0 35 | 1 16 | 17 53 | 16 45 | 4 39 |
| S 8 | 14 58 | 5 49 | 1 31 | 20 54 | 1 13 | 20 3 | 3 18 | 4 47 | 0 48 | 10 36 | 0 51 | 13 25 | 2 29 | 7 56 | 0 45 | 8 5 | 0 43 | 20 45 | 0 35 | 0 36 | 1 15 | 17 53 | 16 45 | 4 39 |
| S 9 | 14 39 | 9 30 | 2 35 | 20 39 | 1 19 | 20 5 | 3 15 | 4 28 | 0 48 | 10 31 | 0 51 | 13 25 | 2 29 | 7 54 | 0 45 | 8 6 | 0 43 | 20 45 | 0 34 | 0 36 | 1 13 | 17 53 | 16 45 | 4 39 |
| M10 | 14 20 | 12 39 | 3 30 | 20 23 | 1 24 | 20 7 | 3 11 | 4 9 | 0 47 | 10 26 | 0 51 | 13 25 | 2 29 | 7 53 | 0 45 | 8 6 | 0 43 | 20 46 | 0 34 | 0 37 | 1 12 | 17 52 | 16 45 | 4 39 |
| T 11 | 14 0 | 15 9 | 4 14 | 20 5 | 1 29 | 20 8 | 3 7 | 3 50 | 0 46 | 10 20 | 0 51 | 13 25 | 2 29 | 7 52 | 0 45 | 8 7 | 0 43 | 20 46 | 0 34 | 0 37 | 1 11 | 17 52 | 16 46 | 4 38 |
| W12 | 13 40 | 16 56 | 4 46 | 19 46 | 1 34 | 20 9 | 3 3 | 3 31 | 0 46 | 10 15 | 0 52 | 13 25 | 2 30 | 7 50 | 0 44 | 8 8 | 0 43 | 20 46 | 0 34 | 0 36 | 1 10 | 17 51 | 16 46 | 4 38 |
| T 13 | 13 20 | 17 57 | 5 5 | 19 26 | 1 39 | 20 10 | 2 59 | 3 12 | 0 45 | 10 10 | 0 52 | 13 26 | 2 30 | 7 49 | 0 44 | 8 8 | 0 43 | 20 46 | 0 34 | 0 35 | 1 8 | 17 51 | 16 46 | 4 38 |
| F 14 | 13 0 | 18 11 | 5 11 | 19 5 | 1 43 | 20 10 | 2 55 | 2 53 | 0 44 | 10 5 | 0 52 | 13 25 | 2 30 | 7 48 | 0 44 | 8 9 | 0 43 | 20 47 | 0 34 | 0 33 | 1 7 | 17 51 | 16 46 | 4 38 |
| S 15 | 12 39 | 17 38 | 5 3 | 18 42 | 1 47 | 20 9 | 2 51 | 2 34 | 0 44 | 9 59 | 0 52 | 13 25 | 2 30 | 7 47 | 0 44 | 8 9 | 0 43 | 20 47 | 0 34 | 0 31 | 1 6 | 17 50 | 16 46 | 4 38 |
| S 16 | 12 19 | 16 17 | 4 43 | 18 18 | 1 51 | 20 8 | 2 47 | 2 15 | 0 43 | 9 54 | 0 52 | 13 25 | 2 31 | 7 45 | 0 44 | 8 10 | 0 43 | 20 47 | 0 34 | 0 28 | 1 5 | 17 50 | 16 47 | 4 37 |
| M17 | 11 58 | 14 14 | 4 10 | 17 53 | 1 54 | 20 7 | 2 43 | 1 55 | 0 42 | 9 49 | 0 52 | 13 25 | 2 31 | 7 44 | 0 44 | 8 11 | 0 43 | 20 47 | 0 34 | 0 26 | 1 3 | 17 49 | 16 47 | 4 37 |
| T 18 | 11 37 | 11 32 | 3 25 | 17 27 | 1 57 | 20 5 | 2 39 | 1 36 | 0 42 | 9 43 | 0 52 | 13 25 | 2 31 | 7 43 | 0 44 | 8 11 | 0 43 | 20 48 | 0 34 | 0 24 | 1 2 | 17 49 | 16 47 | 4 37 |
| W19 | 11 15 | 8 18 | 2 30 | 16 59 | 1 59 | 20 2 | 2 35 | 1 17 | 0 41 | 9 38 | 0 52 | 13 25 | 2 31 | 7 41 | 0 44 | 8 12 | 0 43 | 20 48 | 0 34 | 0 22 | 1 1 | 17 49 | 16 48 | 4 37 |
| T 20 | 10 54 | 4 40 | 1 27 | 16 30 | 2 2 | 19 59 | 2 30 | 0 58 | 0 40 | 9 33 | 0 52 | 13 25 | 2 32 | 7 40 | 0 44 | 8 13 | 0 43 | 20 48 | 0 34 | 0 21 | 1 0 | 17 48 | 16 48 | 4 36 |
| F 21 | 10 32 | 0 46 | 0 19 | 15 59 | 2 4 | 19 56 | 2 26 | 0 39 | 0 40 | 9 28 | 0 52 | 13 25 | 2 32 | 7 39 | 0 44 | 8 13 | 0 44 | 20 48 | 0 34 | 0 20 | 0 58 | 17 48 | 16 48 | 4 36 |
| S 22 | 10 10 | 3n14 | 0s51 | 15 28 | 2 5 | 19 52 | 2 22 | 0 20 | 0 39 | 9 22 | 0 52 | 13 24 | 2 32 | 7 38 | 0 44 | 8 14 | 0 44 | 20 49 | 0 34 | 0 21 | 0 57 | 17 47 | 16 49 | 4 36 |
| S 23 | 9 48 | 7 8 | 1 59 | 14 55 | 2 6 | 19 48 | 2 17 | 0 1 | 0 38 | 9 17 | 0 52 | 13 24 | 2 32 | 7 36 | 0 44 | 8 14 | 0 44 | 20 49 | 0 33 | 0 21 | 0 56 | 17 47 | 16 49 | 4 36 |
| M24 | 9 26 | 10 44 | 3 3 | 14 21 | 2 7 | 19 43 | 2 13 | 0n18 | 0 37 | 9 11 | 0 52 | 13 24 | 2 32 | 7 35 | 0 44 | 8 15 | 0 44 | 20 49 | 0 33 | 0 22 | 0 54 | 17 46 | 16 49 | 4 35 |
| T 25 | 9 4 | 13 51 | 3 58 | 13 45 | 2 7 | 19 37 | 2 9 | 0 38 | 0 37 | 9 6 | 0 52 | 13 23 | 2 33 | 7 34 | 0 44 | 8 16 | 0 44 | 20 49 | 0 33 | 0 22 | 0 53 | 17 46 | 16 50 | 4 35 |
| W26 | 8 42 | 16 15 | 4 40 | 13 8 | 2 7 | 19 31 | 2 4 | 0 57 | 0 36 | 9 1 | 0 52 | 13 23 | 2 33 | 7 32 | 0 44 | 8 16 | 0 44 | 20 49 | 0 33 | 0 23 | 0 52 | 17 45 | 16 50 | 4 35 |
| T 27 | 8 19 | 17 44 | 5 7 | 12 30 | 2 7 | 19 25 | 2 0 | 1 16 | 0 35 | 8 55 | 0 52 | 13 23 | 2 33 | 7 31 | 0 44 | 8 17 | 0 44 | 20 50 | 0 33 | 0 22 | 0 51 | 17 45 | 16 50 | 4 35 |
| F 28 | 7s56 | 18n 7 | 5s15 | 11s51 | 2s 6 | 19s18 | 1n55 | 1n35 | 0s35 | 8s50 | 0s52 | 13s22 | 2n33 | 7s30 | 0s44 | 8n18 | 0n44 | 20n50 | 0s33 | 0s22 | 0s49 | 17s45 | 16n51 | 4s34 |

Julian Day Number = 2606804.5, Delta T = 09m52s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'00, Lahiri = 29°48'02


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## MARCH 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 36 45 | 10♓38'13 | 16♋31 | 6♓ 7 | 25♑33 | 6♈ 6 | 9♓38 | 13°R20 | 12♓40 | 10°R27 | 23°R17 | 0°R53 | 2♎ 1 | 12♑47 | 6♊37 | S 1 |
| S 2 | 10 40 41 | 11°38'37 | 1♌10 | 7°55 | 26°40 | 6°52 | 9°53 | 13♏19 | 12°44 | 10♍25 | 23♋17 | 0♎51 | 1°58 | 12°54 | 6°38 | S 2 |
| M 3 | 10 44 38 | 12°38'58 | 15°50 | 9°43 | 27°48 | 7°38 | 10° 7 | 13°18 | 12°47 | 10°23 | 23°16 | 0°48 | 1°55 | 13° 0 | 6°39 | M 3 |
| T 4 | 10 48 34 | 13°39'18 | 0♍26 | 11°33 | 28°56 | 8°25 | 10°22 | 13°17 | 12°51 | 10°22 | 23°15 | 0°46 | 1°52 | 13° 7 | 6°41 | T 4 |
| W 5 | 10 52 31 | 14°39'36 | 14°52 | 13°23 | 0♒ 4 | 9°11 | 10°36 | 13°16 | 12°54 | 10°20 | 23°14 | 0°45 | 1°49 | 13°14 | 6°42 | W 5 |
| T 6 | 10 56 27 | 15°39'53 | 29° 0 | 15°15 | 1°12 | 9°57 | 10°51 | 13°15 | 12°57 | 10°18 | 23°14 | 0°D44 | 1°46 | 13°21 | 6°43 | T 6 |
| F 7 | 11 0 24 | 16°40'07 | 12♎47 | 17° 7 | 2°21 | 10°43 | 11° 5 | 13°13 | 13° 1 | 10°17 | 23°13 | 0°44 | 1°42 | 13°27 | 6°45 | F 7 |
| S 8 | 11 4 21 | 17°40'20 | 26°11 | 19° 0 | 3°29 | 11°29 | 11°20 | 13°12 | 13° 4 | 10°15 | 23°12 | 0°45 | 1°39 | 13°34 | 6°47 | S 8 |
| S 9 | 11 8 17 | 18°40'32 | 9♏13 | 20°54 | 4°38 | 12°15 | 11°34 | 13°10 | 13° 8 | 10°13 | 23°12 | 0°46 | 1°36 | 13°41 | 6°48 | S 9 |
| M10 | 11 12 14 | 19°40'42 | 21°53 | 22°49 | 5°47 | 13° 1 | 11°48 | 13° 8 | 13°11 | 10°12 | 23°11 | 0°47 | 1°33 | 13°47 | 6°50 | M10 |
| T 11 | 11 16 10 | 20°40'51 | 4♐14 | 24°45 | 6°56 | 13°47 | 12° 3 | 13° 6 | 13°15 | 10°10 | 23°10 | 0°48 | 1°30 | 13°54 | 6°52 | T 11 |
| W12 | 11 20 7 | 21°40'58 | 16°22 | 26°41 | 8° 5 | 14°33 | 12°17 | 13° 4 | 13°18 | 10° 8 | 23°10 | 0°49 | 1°26 | 14° 1 | 6°54 | W12 |
| T 13 | 11 24 3 | 22°41'03 | 28°20 | 28°37 | 9°14 | 15°19 | 12°32 | 13° 2 | 13°22 | 10° 7 | 23° 9 | 0°R49 | 1°23 | 14° 8 | 6°56 | T 13 |
| F 14 | 11 28 0 | 23°41'07 | 10♑12 | 0♈34 | 10°23 | 16° 5 | 12°46 | 13° 0 | 13°25 | 10° 5 | 23° 9 | 0°48 | 1°20 | 14°14 | 6°58 | F 14 |
| S 15 | 11 31 56 | 24°41'09 | 22° 5 | 2°30 | 11°32 | 16°51 | 13° 0 | 12°58 | 13°28 | 10° 4 | 23° 8 | 0°48 | 1°17 | 14°21 | 7° 0 | S 15 |
| S 16 | 11 35 53 | 25°41'10 | 4♒ 1 | 4°27 | 12°42 | 17°37 | 13°15 | 12°56 | 13°32 | 10° 2 | 23° 8 | 0°47 | 1°14 | 14°28 | 7° 2 | S 16 |
| M17 | 11 39 49 | 26°41'09 | 16° 5 | 6°23 | 13°51 | 18°23 | 13°29 | 12°53 | 13°35 | 10° 0 | 23° 7 | 0°46 | 1°11 | 14°35 | 7° 4 | M17 |
| T 18 | 11 43 46 | 27°41'06 | 28°19 | 8°18 | 15° 1 | 19° 9 | 13°43 | 12°51 | 13°38 | 9°59 | 23° 7 | 0°46 | 1° 7 | 14°41 | 7° 6 | T 18 |
| W19 | 11 47 43 | 28°41'02 | 10♓47 | 10°13 | 16°10 | 19°54 | 13°57 | 12°48 | 13°42 | 9°57 | 23° 6 | 0°46 | 1° 4 | 14°48 | 7° 9 | W19 |
| T 20 | 11 51 39 | 29°40'55 | 23°29 | 12° 6 | 17°20 | 20°40 | 14°12 | 12°46 | 13°45 | 9°56 | 23° 6 | 0°46 | 1° 1 | 14°55 | 7°11 | T 20 |
| F 21 | 11 55 36 | 0♈40'47 | 6♈26 | 13°57 | 18°30 | 21°26 | 14°26 | 12°43 | 13°49 | 9°54 | 23° 5 | 0°46 | 0°58 | 15° 1 | 7°14 | F 21 |
| S 22 | 11 59 32 | 1°40'37 | 19°38 | 15°46 | 19°40 | 22°11 | 14°40 | 12°40 | 13°52 | 9°53 | 23° 5 | 0°46 | 0°55 | 15° 8 | 7°16 | S 22 |
| S 23 | 12 3 29 | 2°40'24 | 3♉ 5 | 17°32 | 20°50 | 22°57 | 14°54 | 12°37 | 13°55 | 9°51 | 23° 5 | 0°45 | 0°52 | 15°15 | 7°19 | S 23 |
| M24 | 12 7 25 | 3°40'10 | 16°44 | 19°15 | 22° 0 | 23°42 | 15° 8 | 12°34 | 13°58 | 9°49 | 23° 4 | 0°45 | 0°48 | 15°22 | 7°21 | M24 |
| T 25 | 12 11 22 | 4°39'53 | 0♊34 | 20°54 | 23°11 | 24°28 | 15°22 | 12°31 | 14° 2 | 9°48 | 23° 4 | 0°45 | 0°45 | 15°28 | 7°24 | T 25 |
| W26 | 12 15 18 | 5°39'35 | 14°33 | 22°30 | 24°21 | 25°13 | 15°36 | 12°28 | 14° 5 | 9°46 | 23° 4 | 0°44 | 0°42 | 15°35 | 7°27 | W26 |
| T 27 | 12 19 15 | 6°39'14 | 28°40 | 24° 1 | 25°31 | 25°58 | 15°50 | 12°25 | 14° 8 | 9°45 | 23° 4 | 0°44 | 0°39 | 15°42 | 7°29 | T 27 |
| F 28 | 12 23 12 | 7°38'51 | 12♋51 | 25°26 | 26°42 | 26°44 | 16° 4 | 12°22 | 14°12 | 9°44 | 23° 3 | 0°D44 | 0°36 | 15°48 | 7°32 | F 28 |
| S 29 | 12 27 8 | 8°38'25 | 27° 5 | 26°47 | 27°52 | 27°29 | 16°18 | 12°18 | 14°15 | 9°42 | 23° 3 | 0°44 | 0°32 | 15°55 | 7°35 | S 29 |
| S 30 | 12 31 5 | 9°37'57 | 11♌20 | 28° 1 | 29° 3 | 28°14 | 16°32 | 12°15 | 14°18 | 9°41 | 23° 3 | 0°45 | 0°29 | 16° 2 | 7°38 | S 30 |
| M31 | 12 35 1 | 10♈37'27 | 25♌32 | 29♈ 9 | 0♓13 | 28♈59 | 16♓46 | 12♏11 | 14♓21 | 9♍39 | 23♋ 3 | 0♎46 | 0♎26 | 16♑ 9 | 7♊41 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s34 | 17n21 | 5s 3 | 11s10 | 2s 4 | 19s10 | 1n51 | 1n54 | 0s34 | 8s45 | 0s52 | 13s22 | 2n34 | 7s28 | 0s44 | 8n18 | 0n44 | 20n50 | 0s33 | 0s21 | 0s48 | 17s44 | 16n51 | 4s34 |
| S 2 | 7 11 | 15 25 | 4 32 | 10 29 | 2 3 | 19 2 | 1 46 | 2 12 | 0 33 | 8 39 | 0 52 | 13 21 | 2 34 | 7 27 | 0 44 | 8 19 | 0 44 | 20 50 | 0 33 | 0 20 | 0 47 | 17 44 | 16 52 | 4 34 |
| M 3 | 6 48 | 12 30 | 3 43 | 9 46 | 2 0 | 18 53 | 1 42 | 2 31 | 0 33 | 8 34 | 0 52 | 13 21 | 2 34 | 7 26 | 0 44 | 8 20 | 0 44 | 20 50 | 0 33 | 0 19 | 0 46 | 17 43 | 16 52 | 4 34 |
| T 4 | 6 25 | 8 48 | 2 40 | 9 1 | 1 57 | 18 44 | 1 37 | 2 50 | 0 32 | 8 28 | 0 52 | 13 20 | 2 34 | 7 24 | 0 44 | 8 20 | 0 44 | 20 51 | 0 33 | 0 18 | 0 44 | 17 43 | 16 53 | 4 34 |
| W 5 | 6 2 | 4 37 | 1 27 | 8 16 | 1 54 | 18 35 | 1 33 | 3 9 | 0 31 | 8 23 | 0 53 | 13 19 | 2 35 | 7 23 | 0 44 | 8 21 | 0 44 | 20 51 | 0 33 | 0 18 | 0 43 | 17 42 | 16 53 | 4 33 |
| T 6 | 5 38 | 0 15 | 0 10 | 7 29 | 1 50 | 18 24 | 1 28 | 3 28 | 0 31 | 8 18 | 0 53 | 13 19 | 2 35 | 7 22 | 0 44 | 8 22 | 0 44 | 20 51 | 0 33 | 0 18 | 0 42 | 17 42 | 16 54 | 4 33 |
| F 7 | 5 15 | 4s 1 | 1n 6 | 6 42 | 1 46 | 18 14 | 1 24 | 3 46 | 0 30 | 8 12 | 0 53 | 13 18 | 2 35 | 7 20 | 0 44 | 8 22 | 0 44 | 20 51 | 0 33 | 0 18 | 0 41 | 17 41 | 16 54 | 4 33 |
| S 8 | 4 52 | 7 58 | 2 16 | 5 53 | 1 41 | 18 3 | 1 19 | 4 5 | 0 29 | 8 7 | 0 53 | 13 18 | 2 35 | 7 19 | 0 44 | 8 23 | 0 44 | 20 51 | 0 33 | 0 18 | 0 39 | 17 41 | 16 55 | 4 33 |
| S 9 | 4 28 | 11 25 | 3 17 | 5 3 | 1 35 | 17 51 | 1 15 | 4 24 | 0 29 | 8 1 | 0 53 | 13 17 | 2 35 | 7 18 | 0 44 | 8 23 | 0 44 | 20 52 | 0 32 | 0 18 | 0 38 | 17 40 | 16 55 | 4 32 |
| M10 | 4 5 | 14 13 | 4 7 | 4 12 | 1 29 | 17 39 | 1 10 | 4 42 | 0 28 | 7 56 | 0 53 | 13 16 | 2 36 | 7 17 | 0 44 | 8 24 | 0 44 | 20 52 | 0 32 | 0 19 | 0 37 | 17 40 | 16 56 | 4 32 |
| T 11 | 3 41 | 16 18 | 4 44 | 3 21 | 1 22 | 17 26 | 1 6 | 5 1 | 0 27 | 7 51 | 0 53 | 13 15 | 2 36 | 7 15 | 0 44 | 8 25 | 0 44 | 20 52 | 0 32 | 0 19 | 0 36 | 17 39 | 16 56 | 4 32 |
| W12 | 3 17 | 17 36 | 5 7 | 2 28 | 1 15 | 17 13 | 1 1 | 5 19 | 0 26 | 7 45 | 0 53 | 13 15 | 2 36 | 7 14 | 0 44 | 8 25 | 0 44 | 20 52 | 0 32 | 0 19 | 0 34 | 17 39 | 16 57 | 4 32 |
| T 13 | 2 54 | 18 6 | 5 17 | 1 35 | 1 7 | 16 59 | 0 57 | 5 37 | 0 26 | 7 40 | 0 53 | 13 14 | 2 36 | 7 13 | 0 44 | 8 26 | 0 44 | 20 52 | 0 32 | 0 19 | 0 33 | 17 39 | 16 57 | 4 32 |
| F 14 | 2 30 | 17 48 | 5 13 | 0 41 | 0 59 | 16 45 | 0 53 | 5 56 | 0 25 | 7 34 | 0 53 | 13 13 | 2 37 | 7 11 | 0 44 | 8 27 | 0 44 | 20 52 | 0 32 | 0 19 | 0 32 | 17 38 | 16 58 | 4 31 |
| S 15 | 2 6 | 16 43 | 4 55 | 0n14 | 0 50 | 16 31 | 0 48 | 6 14 | 0 24 | 7 29 | 0 53 | 13 12 | 2 37 | 7 10 | 0 44 | 8 27 | 0 44 | 20 53 | 0 32 | 0 19 | 0 31 | 17 38 | 16 58 | 4 31 |
| S 16 | 1 43 | 14 54 | 4 25 | 1 9 | 0 40 | 16 15 | 0 44 | 6 32 | 0 24 | 7 23 | 0 53 | 13 11 | 2 37 | 7 9 | 0 44 | 8 28 | 0 44 | 20 53 | 0 32 | 0 19 | 0 29 | 17 37 | 16 59 | 4 31 |
| M17 | 1 19 | 12 25 | 3 43 | 2 4 | 0 30 | 16 0 | 0 40 | 6 50 | 0 23 | 7 18 | 0 53 | 13 10 | 2 37 | 7 7 | 0 44 | 8 28 | 0 44 | 20 53 | 0 32 | 0 18 | 0 28 | 17 37 | 16 59 | 4 31 |
| T 18 | 0 55 | 9 22 | 2 50 | 2 59 | 0 20 | 15 44 | 0 35 | 7 8 | 0 22 | 7 13 | 0 53 | 13 9 | 2 37 | 7 6 | 0 44 | 8 29 | 0 44 | 20 53 | 0 32 | 0 18 | 0 27 | 17 36 | 17 0 | 4 30 |
| W19 | 0 31 | 5 50 | 1 49 | 3 54 | 0 8 | 15 27 | 0 31 | 7 26 | 0 22 | 7 7 | 0 54 | 13 8 | 2 38 | 7 5 | 0 44 | 8 30 | 0 44 | 20 53 | 0 32 | 0 18 | 0 25 | 17 36 | 17 0 | 4 30 |
| T 20 | 0 8 | 1 58 | 0 40 | 4 49 | 0n 3 | 15 10 | 0 27 | 7 44 | 0 21 | 7 2 | 0 54 | 13 7 | 2 38 | 7 4 | 0 44 | 8 30 | 0 44 | 20 53 | 0 32 | 0 18 | 0 24 | 17 35 | 17 1 | 4 30 |
| F 21 | 0n16 | 2n 4 | 0s31 | 5 43 | 0 15 | 14 53 | 0 23 | 8 1 | 0 20 | 6 56 | 0 54 | 13 7 | 2 38 | 7 2 | 0 44 | 8 31 | 0 44 | 20 54 | 0 32 | 0 18 | 0 23 | 17 35 | 17 2 | 4 30 |
| S 22 | 0 40 | 6 5 | 1 43 | 6 36 | 0 27 | 14 35 | 0 19 | 8 19 | 0 19 | 6 51 | 0 54 | 13 5 | 2 38 | 7 1 | 0 44 | 8 31 | 0 44 | 20 54 | 0 32 | 0 18 | 0 22 | 17 34 | 17 2 | 4 30 |
| S 23 | 1 4 | 9 51 | 2 50 | 7 28 | 0 39 | 14 17 | 0 15 | 8 37 | 0 19 | 6 46 | 0 54 | 13 4 | 2 38 | 7 0 | 0 44 | 8 32 | 0 44 | 20 54 | 0 31 | 0 18 | 0 20 | 17 34 | 17 3 | 4 29 |
| M24 | 1 27 | 13 9 | 3 48 | 8 19 | 0 52 | 13 58 | 0 11 | 8 54 | 0 18 | 6 40 | 0 54 | 13 3 | 2 38 | 6 58 | 0 45 | 8 33 | 0 44 | 20 54 | 0 31 | 0 18 | 0 19 | 17 33 | 17 3 | 4 29 |
| T 25 | 1 51 | 15 45 | 4 34 | 9 8 | 1 5 | 13 39 | 0 7 | 9 11 | 0 17 | 6 35 | 0 54 | 13 2 | 2 39 | 6 57 | 0 45 | 8 33 | 0 44 | 20 54 | 0 31 | 0 18 | 0 18 | 17 32 | 17 4 | 4 29 |
| W26 | 2 15 | 17 27 | 5 5 | 9 56 | 1 17 | 13 20 | 0 3 | 9 29 | 0 17 | 6 30 | 0 54 | 13 1 | 2 39 | 6 56 | 0 45 | 8 34 | 0 44 | 20 54 | 0 31 | 0 18 | 0 17 | 17 32 | 17 5 | 4 29 |
| T 27 | 2 38 | 18 6 | 5 17 | 10 41 | 1 30 | 13 0 | 0s 1 | 9 46 | 0 16 | 6 24 | 0 54 | 13 0 | 2 39 | 6 55 | 0 45 | 8 34 | 0 44 | 20 54 | 0 31 | 0 18 | 0 15 | 17 31 | 17 5 | 4 29 |
| F 28 | 3 2 | 17 37 | 5 10 | 11 24 | 1 42 | 12 40 | 0 5 | 10 3 | 0 15 | 6 19 | 0 54 | 12 59 | 2 39 | 6 54 | 0 45 | 8 35 | 0 44 | 20 54 | 0 31 | 0 18 | 0 14 | 17 31 | 17 6 | 4 29 |
| S 29 | 3 25 | 16 2 | 4 44 | 12 4 | 1 54 | 12 19 | 0 9 | 10 20 | 0 15 | 6 14 | 0 55 | 12 58 | 2 39 | 6 52 | 0 45 | 8 35 | 0 44 | 20 54 | 0 31 | 0 18 | 0 13 | 17 30 | 17 7 | 4 28 |
| S 30 | 3 48 | 13 28 | 4 1 | 12 42 | 2 5 | 11 59 | 0 13 | 10 36 | 0 14 | 6 8 | 0 55 | 12 57 | 2 39 | 6 51 | 0 45 | 8 36 | 0 44 | 20 55 | 0 31 | 0 18 | 0 12 | 17 30 | 17 7 | 4 28 |
| M31 | 4n12 | 10n 6 | 3s 3 | 13n16 | 2n16 | 11s37 | 0s16 | 10n53 | 0s13 | 6s 3 | 0s55 | 12s55 | 2n40 | 6s50 | 0s45 | 8n36 | 0n44 | 20n55 | 0s31 | 0s18 | 0s10 | 17s29 | 17n 8 | 4s28 |

Julian Day Number = 2606832.5, Delta T = 09m52s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'04, Lahiri = 29°48'06


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## APRIL 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 38 58 | 11♈36'55 | 9♍38 | 0♉11 | 1♓24 | 29♈45 | 17♓ 0 | 12°R 8 | 14♓24 | 9°R38 | 23°R 3 | 0♎47 | 0♎23 | 16♑15 | 7♊44 | T 1 |
| W 2 | 12 42 54 | 12°36'20 | 23°36 | 1° 6 | 2°35 | 0♉30 | 17°14 | 12♏ 4 | 14°27 | 9♍37 | 23♋ 3 | 0°47 | 0°20 | 16°22 | 7°47 | W 2 |
| T 3 | 12 46 51 | 13°35'43 | 7♎21 | 1°54 | 3°45 | 1°15 | 17°28 | 12° 1 | 14°31 | 9°35 | 23° 3 | 0°R47 | 0°17 | 16°29 | 7°50 | T 3 |
| F 4 | 12 50 47 | 14°35'04 | 20°51 | 2°35 | 4°56 | 2° 0 | 17°41 | 11°57 | 14°34 | 9°34 | 23° 3 | 0°47 | 0°13 | 16°35 | 7°54 | F 4 |
| S 5 | 12 54 44 | 15°34'23 | 4♏ 5 | 3° 9 | 6° 7 | 2°45 | 17°55 | 11°53 | 14°37 | 9°33 | 23° 3 | 0°45 | 0°10 | 16°42 | 7°57 | S 5 |
| S 6 | 12 58 41 | 16°33'41 | 17° 1 | 3°35 | 7°18 | 3°29 | 18° 9 | 11°49 | 14°40 | 9°31 | 23°D 3 | 0°43 | 0° 7 | 16°49 | 8° 0 | S 6 |
| M 7 | 13 2 37 | 17°32'56 | 29°39 | 3°53 | 8°29 | 4°14 | 18°22 | 11°45 | 14°43 | 9°30 | 23° 3 | 0°41 | 0° 4 | 16°56 | 8° 4 | M 7 |
| T 8 | 13 6 34 | 18°32'10 | 12♐ 2 | 4° 5 | 9°40 | 4°59 | 18°36 | 11°41 | 14°46 | 9°29 | 23° 3 | 0°38 | 0° 1 | 17° 2 | 8° 7 | T 8 |
| W 9 | 13 10 30 | 19°31'21 | 24°11 | 4°R 9 | 10°51 | 5°44 | 18°49 | 11°37 | 14°49 | 9°28 | 23° 3 | 0°36 | 29♍58 | 17° 9 | 8°10 | W 9 |
| T 10 | 13 14 27 | 20°30'31 | 6♑10 | 4° 6 | 12° 2 | 6°29 | 19° 2 | 11°33 | 14°52 | 9°26 | 23° 3 | 0°34 | 29°54 | 17°16 | 8°14 | T 10 |
| F 11 | 13 18 23 | 21°29'40 | 18° 4 | 3°56 | 13°14 | 7°13 | 19°16 | 11°29 | 14°55 | 9°25 | 23° 3 | 0°D33 | 29°51 | 17°22 | 8°18 | F 11 |
| S 12 | 13 22 20 | 22°28'46 | 29°57 | 3°40 | 14°25 | 7°58 | 19°29 | 11°25 | 14°58 | 9°24 | 23° 3 | 0°34 | 29°48 | 17°29 | 8°21 | S 12 |
| S 13 | 13 26 16 | 23°27'51 | 11♒53 | 3°18 | 15°36 | 8°42 | 19°42 | 11°21 | 15° 1 | 9°23 | 23° 3 | 0°35 | 29°45 | 17°36 | 8°25 | S 13 |
| M14 | 13 30 13 | 24°26'54 | 23°58 | 2°50 | 16°48 | 9°27 | 19°56 | 11°16 | 15° 3 | 9°22 | 23° 3 | 0°36 | 29°42 | 17°43 | 8°28 | M14 |
| T 15 | 13 34 9 | 25°25'55 | 6♓16 | 2°18 | 17°59 | 10°11 | 20° 9 | 11°12 | 15° 6 | 9°21 | 23° 4 | 0°38 | 29°38 | 17°49 | 8°32 | T 15 |
| W16 | 13 38 6 | 26°24'54 | 18°50 | 1°41 | 19°10 | 10°56 | 20°22 | 11° 8 | 15° 9 | 9°20 | 23° 4 | 0°39 | 29°35 | 17°56 | 8°36 | W16 |
| T 17 | 13 42 3 | 27°23'52 | 1♈43 | 1° 1 | 20°22 | 11°40 | 20°35 | 11° 3 | 15°12 | 9°19 | 23° 4 | 0°R40 | 29°32 | 18° 3 | 8°40 | T 17 |
| F 18 | 13 45 59 | 28°22'47 | 14°57 | 0°19 | 21°33 | 12°25 | 20°48 | 10°59 | 15°15 | 9°18 | 23° 4 | 0°39 | 29°29 | 18° 9 | 8°44 | F 18 |
| S 19 | 13 49 56 | 29°21'41 | 28°32 | 29♈35 | 22°45 | 13° 9 | 21° 1 | 10°54 | 15°17 | 9°17 | 23° 5 | 0°37 | 29°26 | 18°16 | 8°47 | S 19 |
| S 20 | 13 53 52 | 0♉20'33 | 12♉25 | 28°50 | 23°57 | 13°53 | 21°14 | 10°50 | 15°20 | 9°16 | 23° 5 | 0°33 | 29°23 | 18°23 | 8°51 | S 20 |
| M21 | 13 57 49 | 1°19'22 | 26°32 | 28° 5 | 25° 8 | 14°37 | 21°26 | 10°46 | 15°23 | 9°15 | 23° 5 | 0°29 | 29°19 | 18°30 | 8°55 | M21 |
| T 22 | 14 1 45 | 2°18'10 | 10♊50 | 27°21 | 26°20 | 15°21 | 21°39 | 10°41 | 15°25 | 9°14 | 23° 6 | 0°24 | 29°16 | 18°36 | 8°59 | T 22 |
| W23 | 14 5 42 | 3°16'56 | 25°13 | 26°39 | 27°31 | 16° 5 | 21°52 | 10°37 | 15°28 | 9°13 | 23° 6 | 0°20 | 29°13 | 18°43 | 9° 3 | W23 |
| T 24 | 14 9 38 | 4°15'39 | 9♋36 | 25°59 | 28°43 | 16°49 | 22° 4 | 10°32 | 15°30 | 9°13 | 23° 7 | 0°16 | 29°10 | 18°50 | 9° 7 | T 24 |
| F 25 | 14 13 35 | 5°14'20 | 23°54 | 25°22 | 29°55 | 17°33 | 22°17 | 10°27 | 15°33 | 9°12 | 23° 7 | 0°14 | 29° 7 | 18°56 | 9°12 | F 25 |
| S 26 | 14 17 32 | 6°12'59 | 8♌ 6 | 24°48 | 1♈ 7 | 18°17 | 22°29 | 10°23 | 15°35 | 9°11 | 23° 8 | 0°D14 | 29° 3 | 19° 3 | 9°16 | S 26 |
| S 27 | 14 21 28 | 7°11'36 | 22° 8 | 24°19 | 2°18 | 19° 1 | 22°41 | 10°18 | 15°38 | 9°10 | 23° 8 | 0°14 | 29° 0 | 19°10 | 9°20 | S 27 |
| M28 | 14 25 25 | 8°10'10 | 6♍ 0 | 23°53 | 3°30 | 19°45 | 22°54 | 10°14 | 15°40 | 9°10 | 23° 9 | 0°16 | 28°57 | 19°17 | 9°24 | M28 |
| T 29 | 14 29 21 | 9° 8'42 | 19°41 | 23°33 | 4°42 | 20°29 | 23° 6 | 10° 9 | 15°43 | 9° 9 | 23° 9 | 0°17 | 28°54 | 19°23 | 9°28 | T 29 |
| W30 | 14 33 18 | 10♉ 7'12 | 3♎12 | 23♈17 | 5♈54 | 21♉12 | 23♓18 | 10♏ 5 | 15♓45 | 9♍ 8 | 23♋10 | 0°R17 | 28♍51 | 19♑30 | 9♊32 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n35 | 6n10 | 1s55 | 13n48 | 2n27 | 11s16 | 0s20 | 11n10 | 0s13 | 5s58 | 0s55 | 12s54 | 2n40 | 6s49 | 0s45 | 8n37 | 0n44 | 20n55 | 0s31 | 0s19 | 0s 9 | 17s29 | 17n 8 | 4s28 |
| W 2 | 4 58 | 1 56 | 0 40 | 14 16 | 2 36 | 10 54 | 0 23 | 11 26 | 0 12 | 5 53 | 0 55 | 12 53 | 2 40 | 6 47 | 0 45 | 8 37 | 0 44 | 20 55 | 0 31 | 0 19 | 0 8 | 17 28 | 17 9 | 4 28 |
| T 3 | 5 21 | 2s21 | 0n36 | 14 41 | 2 45 | 10 32 | 0 27 | 11 42 | 0 11 | 5 47 | 0 55 | 12 52 | 2 40 | 6 46 | 0 45 | 8 38 | 0 44 | 20 55 | 0 31 | 0 19 | 0 7 | 17 28 | 17 10 | 4 27 |
| F 4 | 5 44 | 6 26 | 1 49 | 15 3 | 2 53 | 10 9 | 0 30 | 11 58 | 0 10 | 5 42 | 0 55 | 12 51 | 2 40 | 6 45 | 0 45 | 8 38 | 0 44 | 20 55 | 0 31 | 0 18 | 0 5 | 17 27 | 17 10 | 4 27 |
| S 5 | 6 7 | 10 7 | 2 54 | 15 21 | 3 0 | 9 46 | 0 34 | 12 15 | 0 10 | 5 37 | 0 55 | 12 49 | 2 40 | 6 44 | 0 45 | 8 39 | 0 44 | 20 55 | 0 30 | 0 18 | 0 4 | 17 27 | 17 11 | 4 27 |
| S 6 | 6 30 | 13 13 | 3 48 | 15 35 | 3 5 | 9 23 | 0 37 | 12 30 | 0 9 | 5 32 | 0 55 | 12 48 | 2 40 | 6 43 | 0 45 | 8 39 | 0 44 | 20 55 | 0 30 | 0 17 | 0 3 | 17 26 | 17 12 | 4 27 |
| M 7 | 6 52 | 15 37 | 4 30 | 15 45 | 3 10 | 8 59 | 0 40 | 12 46 | 0 8 | 5 27 | 0 56 | 12 47 | 2 40 | 6 42 | 0 45 | 8 40 | 0 44 | 20 55 | 0 30 | 0 16 | 0 2 | 17 25 | 17 12 | 4 27 |
| T 8 | 7 15 | 17 14 | 4 59 | 15 52 | 3 12 | 8 36 | 0 43 | 13 2 | 0 8 | 5 21 | 0 56 | 12 45 | 2 41 | 6 40 | 0 45 | 8 40 | 0 44 | 20 55 | 0 30 | 0 15 | 0 0 | 17 25 | 17 13 | 4 27 |
| W 9 | 7 37 | 18 2 | 5 13 | 15 55 | 3 14 | 8 12 | 0 46 | 13 17 | 0 7 | 5 16 | 0 56 | 12 44 | 2 41 | 6 39 | 0 45 | 8 41 | 0 44 | 20 55 | 0 30 | 0 14 | 0n 1 | 17 24 | 17 14 | 4 27 |
| T 10 | 8 0 | 18 1 | 5 14 | 15 54 | 3 14 | 7 47 | 0 49 | 13 33 | 0 6 | 5 11 | 0 56 | 12 43 | 2 41 | 6 38 | 0 45 | 8 41 | 0 44 | 20 55 | 0 30 | 0 14 | 0 2 | 17 24 | 17 14 | 4 26 |
| F 11 | 8 22 | 17 12 | 5 1 | 15 49 | 3 13 | 7 23 | 0 52 | 13 48 | 0 6 | 5 6 | 0 56 | 12 41 | 2 41 | 6 37 | 0 45 | 8 42 | 0 44 | 20 55 | 0 30 | 0 13 | 0 4 | 17 23 | 17 15 | 4 26 |
| S 12 | 8 44 | 15 38 | 4 35 | 15 41 | 3 10 | 6 58 | 0 55 | 14 3 | 0 5 | 5 1 | 0 56 | 12 40 | 2 41 | 6 36 | 0 45 | 8 42 | 0 44 | 20 56 | 0 30 | 0 13 | 0 5 | 17 23 | 17 16 | 4 26 |
| S 13 | 9 6 | 13 23 | 3 57 | 15 29 | 3 5 | 6 33 | 0 58 | 14 18 | 0 4 | 4 56 | 0 56 | 12 39 | 2 41 | 6 35 | 0 45 | 8 42 | 0 44 | 20 56 | 0 30 | 0 14 | 0 6 | 17 22 | 17 16 | 4 26 |
| M14 | 9 27 | 10 32 | 3 8 | 15 13 | 2 59 | 6 8 | 1 1 | 14 33 | 0 4 | 4 51 | 0 57 | 12 37 | 2 41 | 6 34 | 0 45 | 8 43 | 0 44 | 20 56 | 0 30 | 0 14 | 0 7 | 17 22 | 17 17 | 4 26 |
| T 15 | 9 49 | 7 11 | 2 10 | 14 55 | 2 51 | 5 43 | 1 3 | 14 47 | 0 3 | 4 46 | 0 57 | 12 36 | 2 41 | 6 33 | 0 45 | 8 43 | 0 44 | 20 56 | 0 30 | 0 15 | 0 9 | 17 21 | 17 18 | 4 26 |
| W16 | 10 10 | 3 25 | 1 5 | 14 33 | 2 42 | 5 17 | 1 6 | 15 2 | 0 2 | 4 41 | 0 57 | 12 35 | 2 41 | 6 32 | 0 45 | 8 44 | 0 44 | 20 56 | 0 30 | 0 16 | 0 10 | 17 20 | 17 19 | 4 26 |
| T 17 | 10 31 | 0n36 | 0s 6 | 14 9 | 2 31 | 4 52 | 1 8 | 15 16 | 0 2 | 4 36 | 0 57 | 12 33 | 2 41 | 6 31 | 0 45 | 8 44 | 0 44 | 20 56 | 0 30 | 0 16 | 0 11 | 17 20 | 17 19 | 4 26 |
| F 18 | 10 52 | 4 41 | 1 18 | 13 43 | 2 19 | 4 26 | 1 11 | 15 30 | 0 1 | 4 31 | 0 57 | 12 32 | 2 41 | 6 30 | 0 45 | 8 44 | 0 44 | 20 56 | 0 30 | 0 15 | 0 12 | 17 19 | 17 20 | 4 25 |
| S 19 | 11 13 | 8 38 | 2 27 | 13 15 | 2 5 | 4 0 | 1 13 | 15 45 | 0 0 | 4 26 | 0 57 | 12 30 | 2 41 | 6 29 | 0 45 | 8 45 | 0 44 | 20 56 | 0 29 | 0 15 | 0 14 | 17 19 | 17 21 | 4 25 |
| S 20 | 11 34 | 12 12 | 3 29 | 12 46 | 1 51 | 3 33 | 1 15 | 15 58 | 0n 0 | 4 21 | 0 57 | 12 29 | 2 41 | 6 28 | 0 45 | 8 45 | 0 44 | 20 56 | 0 29 | 0 13 | 0 15 | 17 18 | 17 21 | 4 25 |
| M21 | 11 54 | 15 8 | 4 19 | 12 15 | 1 36 | 3 7 | 1 18 | 16 12 | 0 1 | 4 16 | 0 58 | 12 27 | 2 41 | 6 27 | 0 45 | 8 45 | 0 44 | 20 56 | 0 29 | 0 11 | 0 16 | 17 17 | 17 22 | 4 25 |
| T 22 | 12 15 | 17 10 | 4 54 | 11 45 | 1 20 | 2 41 | 1 20 | 16 26 | 0 2 | 4 11 | 0 58 | 12 26 | 2 41 | 6 26 | 0 45 | 8 46 | 0 44 | 20 56 | 0 29 | 0 10 | 0 17 | 17 17 | 17 23 | 4 25 |
| W23 | 12 35 | 18 7 | 5 11 | 11 14 | 1 3 | 2 14 | 1 22 | 16 39 | 0 2 | 4 6 | 0 58 | 12 25 | 2 41 | 6 25 | 0 45 | 8 46 | 0 44 | 20 56 | 0 29 | 0 8 | 0 19 | 17 16 | 17 23 | 4 25 |
| T 24 | 12 55 | 17 55 | 5 8 | 10 44 | 0 46 | 1 47 | 1 24 | 16 52 | 0 3 | 4 2 | 0 58 | 12 23 | 2 42 | 6 24 | 0 45 | 8 46 | 0 44 | 20 56 | 0 29 | 0 6 | 0 20 | 17 16 | 17 24 | 4 25 |
| F 25 | 13 14 | 16 35 | 4 46 | 10 15 | 0 30 | 1 21 | 1 26 | 17 5 | 0 4 | 3 57 | 0 58 | 12 22 | 2 42 | 6 23 | 0 45 | 8 47 | 0 44 | 20 56 | 0 29 | 0 6 | 0 21 | 17 15 | 17 25 | 4 25 |
| S 26 | 13 34 | 14 14 | 4 6 | 9 47 | 0 13 | 0 54 | 1 27 | 17 18 | 0 4 | 3 52 | 0 58 | 12 20 | 2 42 | 6 22 | 0 45 | 8 47 | 0 44 | 20 56 | 0 29 | 0 5 | 0 22 | 17 14 | 17 25 | 4 25 |
| S 27 | 13 53 | 11 3 | 3 13 | 9 20 | 0s 4 | 0 27 | 1 29 | 17 31 | 0 5 | 3 47 | 0 58 | 12 19 | 2 42 | 6 21 | 0 45 | 8 47 | 0 44 | 20 56 | 0 29 | 0 6 | 0 24 | 17 14 | 17 26 | 4 25 |
| M28 | 14 12 | 7 18 | 2 8 | 8 56 | 0 20 | 0n 0 | 1 31 | 17 43 | 0 6 | 3 43 | 0 59 | 12 18 | 2 42 | 6 20 | 0 45 | 8 47 | 0 44 | 20 56 | 0 29 | 0 6 | 0 25 | 17 13 | 17 27 | 4 25 |
| T 29 | 14 31 | 3 12 | 0 57 | 8 34 | 0 36 | 0 27 | 1 32 | 17 56 | 0 6 | 3 38 | 0 59 | 12 16 | 2 42 | 6 19 | 0 45 | 8 48 | 0 44 | 20 56 | 0 29 | 0 7 | 0 26 | 17 13 | 17 27 | 4 24 |
| W30 | 14n49 | 1s 2 | 0n16 | 8n13 | 0s52 | 0n54 | 1s34 | 18n 8 | 0n 7 | 3s33 | 0s59 | 12s15 | 2n42 | 6s18 | 0s45 | 8n48 | 0n43 | 20n56 | 0s29 | 0s 7 | 0n27 | 17s12 | 17n28 | 4s24 |

Julian Day Number = 2606863.5, Delta T = 09m52s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'08, Lahiri = 29°48'10


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## MAY 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 37 14 | 11♉ 5'40 | 16♎31 | 23°R 6 | 7♈ 6 | 21♉56 | 23♓30 | 10°R 0 | 15♓47 | 9°R 8 | 23♋10 | 0°R16 | 28♍48 | 19♑37 | 9♊37 | T 1 |
| F 2 | 14 41 11 | 12° 4'06 | 29°39 | 23♈ 0 | 8°18 | 22°40 | 23°42 | 9♏55 | 15°50 | 9♍ 7 | 23°11 | 0♎13 | 28°44 | 19°43 | 9°41 | F 2 |
| S 3 | 14 45 7 | 13° 2'30 | 12♏34 | 22°D59 | 9°30 | 23°23 | 23°54 | 9°51 | 15°52 | 9° 6 | 23°12 | 0° 8 | 28°41 | 19°50 | 9°45 | S 3 |
| S 4 | 14 49 4 | 14° 0'53 | 25°16 | 23° 3 | 10°42 | 24° 7 | 24° 5 | 9°46 | 15°54 | 9° 6 | 23°12 | 0° 1 | 28°38 | 19°57 | 9°50 | S 4 |
| M 5 | 14 53 1 | 14°59'13 | 7♐46 | 23°12 | 11°54 | 24°50 | 24°17 | 9°42 | 15°56 | 9° 5 | 23°13 | 29♍53 | 28°35 | 20° 4 | 9°54 | M 5 |
| T 6 | 14 56 57 | 15°57'32 | 20° 3 | 23°26 | 13° 6 | 25°34 | 24°29 | 9°37 | 15°58 | 9° 5 | 23°14 | 29°45 | 28°32 | 20°10 | 9°59 | T 6 |
| W 7 | 15 0 54 | 16°55'49 | 2♑10 | 23°44 | 14°18 | 26°17 | 24°40 | 9°33 | 16° 0 | 9° 5 | 23°14 | 29°37 | 28°29 | 20°17 | 10° 3 | W 7 |
| T 8 | 15 4 50 | 17°54'05 | 14° 8 | 24° 7 | 15°30 | 27° 0 | 24°52 | 9°28 | 16° 2 | 9° 4 | 23°15 | 29°30 | 28°25 | 20°24 | 10° 7 | T 8 |
| F 9 | 15 8 47 | 18°52'19 | 26° 1 | 24°34 | 16°42 | 27°44 | 25° 3 | 9°24 | 16° 4 | 9° 4 | 23°16 | 29°25 | 28°22 | 20°30 | 10°12 | F 9 |
| S 10 | 15 12 43 | 19°50'32 | 7♒52 | 25° 5 | 17°54 | 28°27 | 25°14 | 9°19 | 16° 6 | 9° 3 | 23°17 | 29°23 | 28°19 | 20°37 | 10°16 | S 10 |
| S 11 | 15 16 40 | 20°48'43 | 19°47 | 25°40 | 19° 6 | 29°10 | 25°25 | 9°15 | 16° 8 | 9° 3 | 23°17 | 29°D22 | 28°16 | 20°44 | 10°21 | S 11 |
| M12 | 15 20 36 | 21°46'53 | 1♓51 | 26°20 | 20°18 | 29°53 | 25°36 | 9°10 | 16°10 | 9° 3 | 23°18 | 29°22 | 28°13 | 20°51 | 10°26 | M12 |
| T 13 | 15 24 33 | 22°45'01 | 14° 8 | 27° 3 | 21°30 | 0♊36 | 25°47 | 9° 6 | 16°12 | 9° 3 | 23°19 | 29°23 | 28° 9 | 20°57 | 10°30 | T 13 |
| W14 | 15 28 30 | 23°43'08 | 26°43 | 27°49 | 22°43 | 1°19 | 25°58 | 9° 2 | 16°14 | 9° 2 | 23°20 | 29°R24 | 28° 6 | 21° 4 | 10°35 | W14 |
| T 15 | 15 32 26 | 24°41'13 | 9♈41 | 28°39 | 23°55 | 2° 2 | 26° 9 | 8°57 | 16°15 | 9° 2 | 23°21 | 29°23 | 28° 3 | 21°11 | 10°39 | T 15 |
| F 16 | 15 36 23 | 25°39'17 | 23° 3 | 29°32 | 25° 7 | 2°45 | 26°19 | 8°53 | 16°17 | 9° 2 | 23°22 | 29°21 | 28° 0 | 21°17 | 10°44 | F 16 |
| S 17 | 15 40 19 | 26°37'20 | 6♉52 | 0♉29 | 26°19 | 3°28 | 26°30 | 8°49 | 16°19 | 9° 2 | 23°23 | 29°16 | 27°57 | 21°24 | 10°49 | S 17 |
| S 18 | 15 44 16 | 27°35'21 | 21° 5 | 1°28 | 27°32 | 4°11 | 26°40 | 8°44 | 16°20 | 9° 2 | 23°24 | 29° 9 | 27°54 | 21°31 | 10°53 | S 18 |
| M19 | 15 48 12 | 28°33'20 | 5♊37 | 2°31 | 28°44 | 4°53 | 26°51 | 8°40 | 16°22 | 9° 2 | 23°25 | 29° 1 | 27°50 | 21°38 | 10°58 | M19 |
| T 20 | 15 52 9 | 29°31'19 | 20°22 | 3°37 | 29°56 | 5°36 | 27° 1 | 8°36 | 16°24 | 9°D 2 | 23°26 | 28°51 | 27°47 | 21°44 | 11° 3 | T 20 |
| W21 | 15 56 5 | 0♊29'15 | 5♋11 | 4°45 | 1♉ 9 | 6°19 | 27°11 | 8°32 | 16°25 | 9° 2 | 23°27 | 28°43 | 27°44 | 21°51 | 11° 7 | W21 |
| T 22 | 16 0 2 | 1°27'10 | 19°56 | 5°56 | 2°21 | 7° 1 | 27°21 | 8°28 | 16°27 | 9° 2 | 23°28 | 28°35 | 27°41 | 21°58 | 11°12 | T 22 |
| F 23 | 16 3 59 | 2°25'03 | 4♌31 | 7° 9 | 3°33 | 7°44 | 27°31 | 8°24 | 16°28 | 9° 2 | 23°29 | 28°30 | 27°38 | 22° 4 | 11°17 | F 23 |
| S 24 | 16 7 55 | 3°22'54 | 18°51 | 8°25 | 4°46 | 8°26 | 27°41 | 8°20 | 16°29 | 9° 2 | 23°30 | 28°27 | 27°35 | 22°11 | 11°21 | S 24 |
| S 25 | 16 11 52 | 4°20'44 | 2♍53 | 9°44 | 5°58 | 9° 9 | 27°50 | 8°16 | 16°31 | 9° 2 | 23°31 | 28°D26 | 27°31 | 22°18 | 11°26 | S 25 |
| M26 | 16 15 48 | 5°18'32 | 16°38 | 11° 5 | 7°10 | 9°51 | 28° 0 | 8°12 | 16°32 | 9° 3 | 23°32 | 28°27 | 27°28 | 22°25 | 11°31 | M26 |
| T 27 | 16 19 45 | 6°16'18 | 0♎ 5 | 12°29 | 8°23 | 10°34 | 28° 9 | 8° 9 | 16°33 | 9° 3 | 23°33 | 28°R27 | 27°25 | 22°31 | 11°36 | T 27 |
| W28 | 16 23 41 | 7°14'02 | 13°17 | 13°55 | 9°35 | 11°16 | 28°18 | 8° 5 | 16°34 | 9° 3 | 23°34 | 28°26 | 27°22 | 22°38 | 11°40 | W28 |
| T 29 | 16 27 38 | 8°11'45 | 26°16 | 15°23 | 10°48 | 11°58 | 28°27 | 8° 1 | 16°35 | 9° 3 | 23°35 | 28°23 | 27°19 | 22°45 | 11°45 | T 29 |
| F 30 | 16 31 34 | 9° 9'27 | 9♏ 3 | 16°54 | 12° 0 | 12°40 | 28°36 | 7°58 | 16°36 | 9° 4 | 23°37 | 28°17 | 27°15 | 22°51 | 11°50 | F 30 |
| S 31 | 16 35 31 | 10♊ 7'07 | 21♏39 | 18♉27 | 13♉12 | 13♊23 | 28♓45 | 7♏54 | 16♓37 | 9♍ 4 | 23♋38 | 28♍ 9 | 27♍12 | 22♑58 | 11♊55 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 7 | 5s 8 | 1n27 | 7n56 | 1s 6 | 1n21 | 1s35 | 18n20 | 0n 8 | 3s29 | 0s59 | 12s13 | 2n42 | 6s17 | 0s45 | 8n48 | 0n43 | 20n56 | 0s29 | 0s 6 | 0n29 | 17s11 | 17n29 | 4s24 |
| F 2 | 15 25 | 8 57 | 2 32 | 7 40 | 1 21 | 1 48 | 1 36 | 18 31 | 0 8 | 3 24 | 0 59 | 12 12 | 2 41 | 6 16 | 0 45 | 8 48 | 0 43 | 20 56 | 0 28 | 0 5 | 0 30 | 17 11 | 17 30 | 4 24 |
| S 3 | 15 43 | 12 15 | 3 29 | 7 28 | 1 34 | 2 16 | 1 37 | 18 43 | 0 9 | 3 20 | 1 0 | 12 11 | 2 41 | 6 16 | 0 45 | 8 48 | 0 43 | 20 56 | 0 28 | 0 3 | 0 31 | 17 10 | 17 30 | 4 24 |
| S 4 | 16 0 | 14 56 | 4 13 | 7 17 | 1 46 | 2 43 | 1 39 | 18 54 | 0 9 | 3 15 | 1 0 | 12 9 | 2 41 | 6 15 | 0 45 | 8 49 | 0 43 | 20 56 | 0 28 | 0 0 | 0 33 | 17 9 | 17 31 | 4 24 |
| M 5 | 16 18 | 16 51 | 4 45 | 7 10 | 1 58 | 3 10 | 1 40 | 19 6 | 0 10 | 3 11 | 1 0 | 12 8 | 2 41 | 6 14 | 0 45 | 8 49 | 0 43 | 20 56 | 0 28 | 0n 3 | 0 34 | 17 9 | 17 32 | 4 24 |
| T 6 | 16 35 | 17 58 | 5 3 | 7 5 | 2 9 | 3 37 | 1 40 | 19 17 | 0 11 | 3 6 | 1 0 | 12 6 | 2 41 | 6 13 | 0 45 | 8 49 | 0 43 | 20 55 | 0 28 | 0 6 | 0 35 | 17 8 | 17 32 | 4 24 |
| W 7 | 16 51 | 18 15 | 5 7 | 7 2 | 2 19 | 4 4 | 1 41 | 19 27 | 0 11 | 3 2 | 1 0 | 12 5 | 2 41 | 6 12 | 0 46 | 8 49 | 0 43 | 20 55 | 0 28 | 0 9 | 0 36 | 17 8 | 17 33 | 4 24 |
| T 8 | 17 8 | 17 42 | 4 58 | 7 2 | 2 28 | 4 31 | 1 42 | 19 38 | 0 12 | 2 58 | 1 0 | 12 4 | 2 41 | 6 12 | 0 46 | 8 49 | 0 43 | 20 55 | 0 28 | 0 12 | 0 38 | 17 7 | 17 34 | 4 24 |
| F 9 | 17 24 | 16 23 | 4 35 | 7 4 | 2 36 | 4 58 | 1 43 | 19 49 | 0 13 | 2 53 | 1 1 | 12 2 | 2 41 | 6 11 | 0 46 | 8 49 | 0 43 | 20 55 | 0 28 | 0 14 | 0 39 | 17 6 | 17 34 | 4 24 |
| S 10 | 17 39 | 14 22 | 4 1 | 7 8 | 2 44 | 5 25 | 1 43 | 19 59 | 0 13 | 2 49 | 1 1 | 12 1 | 2 41 | 6 10 | 0 46 | 8 49 | 0 43 | 20 55 | 0 28 | 0 15 | 0 40 | 17 6 | 17 35 | 4 24 |
| S 11 | 17 55 | 11 44 | 3 17 | 7 15 | 2 50 | 5 51 | 1 44 | 20 9 | 0 14 | 2 45 | 1 1 | 12 0 | 2 41 | 6 9 | 0 46 | 8 50 | 0 43 | 20 55 | 0 28 | 0 15 | 0 41 | 17 5 | 17 36 | 4 24 |
| M12 | 18 10 | 8 34 | 2 23 | 7 24 | 2 56 | 6 18 | 1 44 | 20 19 | 0 14 | 2 41 | 1 1 | 11 58 | 2 41 | 6 9 | 0 46 | 8 50 | 0 43 | 20 55 | 0 28 | 0 15 | 0 43 | 17 4 | 17 36 | 4 24 |
| T 13 | 18 25 | 4 59 | 1 21 | 7 34 | 3 1 | 6 45 | 1 45 | 20 28 | 0 15 | 2 37 | 1 1 | 11 57 | 2 41 | 6 8 | 0 46 | 8 50 | 0 43 | 20 55 | 0 28 | 0 15 | 0 44 | 17 4 | 17 37 | 4 24 |
| W14 | 18 39 | 1 5 | 0 14 | 7 47 | 3 6 | 7 11 | 1 45 | 20 38 | 0 16 | 2 32 | 1 2 | 11 56 | 2 41 | 6 7 | 0 46 | 8 50 | 0 43 | 20 55 | 0 28 | 0 14 | 0 45 | 17 3 | 17 37 | 4 24 |
| T 15 | 18 54 | 2n59 | 0s55 | 8 1 | 3 9 | 7 38 | 1 45 | 20 47 | 0 16 | 2 28 | 1 2 | 11 54 | 2 41 | 6 7 | 0 46 | 8 50 | 0 43 | 20 55 | 0 28 | 0 15 | 0 46 | 17 2 | 17 38 | 4 24 |
| F 16 | 19 8 | 7 2 | 2 3 | 8 17 | 3 12 | 8 4 | 1 45 | 20 56 | 0 17 | 2 24 | 1 2 | 11 53 | 2 41 | 6 6 | 0 46 | 8 50 | 0 43 | 20 55 | 0 27 | 0 16 | 0 48 | 17 2 | 17 39 | 4 24 |
| S 17 | 19 21 | 10 50 | 3 7 | 8 35 | 3 14 | 8 30 | 1 45 | 21 5 | 0 17 | 2 20 | 1 2 | 11 52 | 2 40 | 6 6 | 0 46 | 8 50 | 0 43 | 20 55 | 0 27 | 0 17 | 0 49 | 17 1 | 17 39 | 4 24 |
| S 18 | 19 34 | 14 7 | 4 0 | 8 55 | 3 15 | 8 56 | 1 45 | 21 14 | 0 18 | 2 16 | 1 2 | 11 51 | 2 40 | 6 5 | 0 46 | 8 50 | 0 43 | 20 55 | 0 27 | 0 20 | 0 50 | 17 0 | 17 40 | 4 24 |
| M19 | 19 47 | 16 36 | 4 39 | 9 15 | 3 15 | 9 21 | 1 45 | 21 22 | 0 19 | 2 13 | 1 3 | 11 50 | 2 40 | 6 4 | 0 46 | 8 50 | 0 43 | 20 55 | 0 27 | 0 24 | 0 51 | 17 0 | 17 41 | 4 24 |
| T 20 | 20 0 | 18 2 | 5 1 | 9 38 | 3 15 | 9 47 | 1 45 | 21 30 | 0 19 | 2 9 | 1 3 | 11 48 | 2 40 | 6 4 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 27 | 0 53 | 16 59 | 17 41 | 4 24 |
| W21 | 20 12 | 18 15 | 5 2 | 10 1 | 3 14 | 10 12 | 1 45 | 21 38 | 0 20 | 2 5 | 1 3 | 11 47 | 2 40 | 6 3 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 31 | 0 54 | 16 58 | 17 42 | 4 24 |
| T 22 | 20 24 | 17 14 | 4 43 | 10 26 | 3 13 | 10 37 | 1 45 | 21 46 | 0 20 | 2 1 | 1 3 | 11 46 | 2 40 | 6 3 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 34 | 0 55 | 16 58 | 17 42 | 4 24 |
| F 23 | 20 36 | 15 6 | 4 6 | 10 52 | 3 11 | 11 2 | 1 44 | 21 54 | 0 21 | 1 57 | 1 3 | 11 45 | 2 40 | 6 2 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 36 | 0 56 | 16 57 | 17 43 | 4 24 |
| S 24 | 20 47 | 12 3 | 3 14 | 11 19 | 3 8 | 11 27 | 1 44 | 22 1 | 0 22 | 1 54 | 1 4 | 11 44 | 2 40 | 6 2 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 37 | 0 58 | 16 56 | 17 44 | 4 24 |
| S 25 | 20 58 | 8 22 | 2 12 | 11 47 | 3 5 | 11 51 | 1 43 | 22 8 | 0 22 | 1 50 | 1 4 | 11 43 | 2 39 | 6 1 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 37 | 0 59 | 16 56 | 17 44 | 4 24 |
| M26 | 21 8 | 4 18 | 1 3 | 12 15 | 3 1 | 12 16 | 1 42 | 22 15 | 0 23 | 1 47 | 1 4 | 11 42 | 2 39 | 6 1 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 37 | 1 0 | 16 55 | 17 45 | 4 24 |
| T 27 | 21 18 | 0 6 | 0n 9 | 12 45 | 2 56 | 12 39 | 1 42 | 22 22 | 0 23 | 1 43 | 1 4 | 11 41 | 2 39 | 6 0 | 0 46 | 8 50 | 0 43 | 20 54 | 0 27 | 0 37 | 1 2 | 16 54 | 17 45 | 4 24 |
| W28 | 21 28 | 4s 2 | 1 18 | 13 15 | 2 51 | 13 3 | 1 41 | 22 28 | 0 24 | 1 40 | 1 5 | 11 40 | 2 39 | 6 0 | 0 46 | 8 49 | 0 43 | 20 54 | 0 27 | 0 37 | 1 3 | 16 54 | 17 46 | 4 24 |
| T 29 | 21 37 | 7 54 | 2 22 | 13 46 | 2 45 | 13 26 | 1 40 | 22 35 | 0 25 | 1 36 | 1 5 | 11 39 | 2 39 | 6 0 | 0 46 | 8 49 | 0 43 | 20 53 | 0 27 | 0 38 | 1 4 | 16 53 | 17 46 | 4 24 |
| F 30 | 21 46 | 11 21 | 3 18 | 14 18 | 2 39 | 13 49 | 1 39 | 22 41 | 0 25 | 1 33 | 1 5 | 11 38 | 2 39 | 5 59 | 0 46 | 8 49 | 0 43 | 20 53 | 0 27 | 0 41 | 1 5 | 16 52 | 17 47 | 4 24 |
| S 31 | 21n55 | 14s13 | 4n 3 | 14n50 | 2s32 | 14n12 | 1s38 | 22n47 | 0n26 | 1s30 | 1s 5 | 11s37 | 2n38 | 5s59 | 0s46 | 8n49 | 0n43 | 20n53 | 0s26 | 0n44 | 1n 7 | 16s51 | 17n48 | 4s24 |

Julian Day Number = 2606893.5, Delta T = 09m52s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'13, Lahiri = 29°48'14


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## JUNE 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 39 28 | 11♊ 4'45 | 4♐ 6 | 20♉ 3 | 14♉25 | 14♊ 5 | 28♓54 | 7°R51 | 16♓38 | 9♍ 4 | 23♋39 | 27°R58 | 27♍ 9 | 23♎ 5 | 11♊59 | S 1 |
| M 2 | 16 43 24 | 12° 2'23 | 16°23 | 21°41 | 15°37 | 14°47 | 29° 3 | 7♏47 | 16°39 | 9° 5 | 23°40 | 27♍46 | 27° 6 | 23°12 | 12° 4 | M 2 |
| T 3 | 16 47 21 | 12°59'59 | 28°31 | 23°21 | 16°50 | 15°29 | 29°11 | 7°44 | 16°40 | 9° 5 | 23°41 | 27°33 | 27° 3 | 23°18 | 12° 9 | T 3 |
| W 4 | 16 51 17 | 13°57'34 | 10♎32 | 25° 3 | 18° 2 | 16°11 | 29°20 | 7°41 | 16°41 | 9° 6 | 23°43 | 27°20 | 27° 0 | 23°25 | 12°14 | W 4 |
| T 5 | 16 55 14 | 14°55'08 | 22°27 | 26°48 | 19°15 | 16°53 | 29°28 | 7°38 | 16°42 | 9° 6 | 23°44 | 27° 9 | 26°56 | 23°32 | 12°18 | T 5 |
| F 6 | 16 59 10 | 15°52'42 | 4♒18 | 28°35 | 20°28 | 17°35 | 29°36 | 7°34 | 16°43 | 9° 7 | 23°45 | 27° 1 | 26°53 | 23°38 | 12°23 | F 6 |
| S 7 | 17 3 7 | 16°50'14 | 16° 8 | 0♊25 | 21°40 | 18°16 | 29°44 | 7°31 | 16°43 | 9° 7 | 23°46 | 26°55 | 26°50 | 23°45 | 12°28 | S 7 |
| S 8 | 17 7 3 | 17°47'45 | 28° 2 | 2°16 | 22°53 | 18°58 | 29°52 | 7°28 | 16°44 | 9° 8 | 23°48 | 26°51 | 26°47 | 23°52 | 12°33 | S 8 |
| M 9 | 17 11 0 | 18°45'16 | 10♓ 4 | 4°10 | 24° 5 | 19°40 | 29°59 | 7°26 | 16°45 | 9° 9 | 23°49 | 26°50 | 26°44 | 23°58 | 12°37 | M 9 |
| T 10 | 17 14 57 | 19°42'45 | 22°18 | 6° 6 | 25°18 | 20°22 | 0♈ 7 | 7°23 | 16°45 | 9° 9 | 23°50 | 26°50 | 26°41 | 24° 5 | 12°42 | T 10 |
| W11 | 17 18 53 | 20°40'15 | 4♈51 | 8° 5 | 26°31 | 21° 3 | 0°14 | 7°20 | 16°46 | 9°10 | 23°52 | 26°50 | 26°37 | 24°12 | 12°47 | W11 |
| T 12 | 17 22 50 | 21°37'43 | 17°47 | 10° 5 | 27°43 | 21°45 | 0°21 | 7°17 | 16°46 | 9°11 | 23°53 | 26°49 | 26°34 | 24°19 | 12°52 | T 12 |
| F 13 | 17 26 46 | 22°35'11 | 1♉10 | 12° 8 | 28°56 | 22°26 | 0°28 | 7°15 | 16°46 | 9°11 | 23°54 | 26°45 | 26°31 | 24°25 | 12°56 | F 13 |
| S 14 | 17 30 43 | 23°32'38 | 15° 2 | 14°12 | 0♊ 9 | 23° 8 | 0°35 | 7°12 | 16°47 | 9°12 | 23°56 | 26°40 | 26°28 | 24°32 | 13° 1 | S 14 |
| S 15 | 17 34 39 | 24°30'04 | 29°22 | 16°18 | 1°21 | 23°49 | 0°42 | 7°10 | 16°47 | 9°13 | 23°57 | 26°32 | 26°25 | 24°39 | 13° 6 | S 15 |
| M16 | 17 38 36 | 25°27'30 | 14♊ 7 | 18°25 | 2°34 | 24°31 | 0°49 | 7° 8 | 16°47 | 9°14 | 23°58 | 26°22 | 26°21 | 24°45 | 13°10 | M16 |
| T 17 | 17 42 32 | 26°24'55 | 29° 9 | 20°34 | 3°47 | 25°12 | 0°55 | 7° 6 | 16°48 | 9°15 | 24° 0 | 26°10 | 26°18 | 24°52 | 13°15 | T 17 |
| W18 | 17 46 29 | 27°22'19 | 14♋18 | 22°44 | 5° 0 | 25°53 | 1° 2 | 7° 3 | 16°48 | 9°16 | 24° 1 | 26° 0 | 26°15 | 24°59 | 13°20 | W18 |
| T 19 | 17 50 26 | 28°19'43 | 29°25 | 24°55 | 6°12 | 26°35 | 1° 8 | 7° 1 | 16°48 | 9°17 | 24° 3 | 25°51 | 26°12 | 25° 6 | 13°24 | T 19 |
| F 20 | 17 54 22 | 29°17'05 | 14♌18 | 27° 7 | 7°25 | 27°16 | 1°14 | 6°59 | 16°48 | 9°18 | 24° 4 | 25°44 | 26° 9 | 25°12 | 13°29 | F 20 |
| S 21 | 17 58 19 | 0♋14'27 | 28°53 | 29°19 | 8°38 | 27°57 | 1°20 | 6°58 | 16°R48 | 9°19 | 24° 6 | 25°40 | 26° 6 | 25°19 | 13°34 | S 21 |
| S 22 | 18 2 15 | 1°11'47 | 13♍ 4 | 1♋31 | 9°51 | 28°38 | 1°25 | 6°56 | 16°48 | 9°20 | 24° 7 | 25°38 | 26° 2 | 25°26 | 13°38 | S 22 |
| M23 | 18 6 12 | 2° 9'07 | 26°51 | 3°43 | 11° 4 | 29°19 | 1°31 | 6°54 | 16°48 | 9°21 | 24° 9 | 25°38 | 25°59 | 25°32 | 13°43 | M23 |
| T 24 | 18 10 8 | 3° 6'26 | 10♎15 | 5°54 | 12°16 | 0♋ 0 | 1°36 | 6°53 | 16°48 | 9°22 | 24°10 | 25°38 | 25°56 | 25°39 | 13°48 | T 24 |
| W25 | 18 14 5 | 4° 3'43 | 23°20 | 8° 5 | 13°29 | 0°41 | 1°41 | 6°51 | 16°48 | 9°23 | 24°11 | 25°37 | 25°53 | 25°46 | 13°52 | W25 |
| T 26 | 18 18 1 | 5° 1'00 | 6♏ 7 | 10°14 | 14°42 | 1°22 | 1°46 | 6°50 | 16°47 | 9°24 | 24°13 | 25°34 | 25°50 | 25°52 | 13°57 | T 26 |
| F 27 | 18 21 58 | 5°58'17 | 18°41 | 12°23 | 15°55 | 2° 3 | 1°51 | 6°48 | 16°47 | 9°25 | 24°14 | 25°28 | 25°46 | 25°59 | 14° 1 | F 27 |
| S 28 | 18 25 55 | 6°55'32 | 1♐ 3 | 14°30 | 17° 8 | 2°44 | 1°56 | 6°47 | 16°47 | 9°26 | 24°16 | 25°20 | 25°43 | 26° 6 | 14° 6 | S 28 |
| S 29 | 18 29 51 | 7°52'47 | 13°16 | 16°36 | 18°21 | 3°25 | 2° 0 | 6°46 | 16°46 | 9°28 | 24°17 | 25° 9 | 25°40 | 26°13 | 14°10 | S 29 |
| M30 | 18 33 48 | 8♋50'02 | 25♐22 | 18♋40 | 19♊34 | 4♋ 6 | 2♈ 4 | 6♏45 | 16♓46 | 9♍29 | 24♋19 | 24♍56 | 25♍37 | 26♎19 | 14♊15 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 3 | 16s24 | 4n36 | 15n23 | 2s25 | 14n35 | 1s37 | 22n52 | 0n26 | 1s26 | 1s 5 | 11s36 | 2n38 | 5s58 | 0s46 | 8n49 | 0n43 | 20n53 | 0s26 | 0n48 | 1n 8 | 16s51 | 17n48 | 4s25 |
| M 2 | 22 11 | 17 48 | 4 55 | 15 56 | 2 17 | 14 57 | 1 36 | 22 58 | 0 27 | 1 23 | 1 6 | 11 35 | 2 38 | 5 58 | 0 46 | 8 49 | 0 43 | 20 53 | 0 26 | 0 53 | 1 9 | 16 50 | 17 49 | 4 25 |
| T 3 | 22 18 | 18 22 | 5 1 | 16 29 | 2 9 | 15 18 | 1 35 | 23 3 | 0 27 | 1 20 | 1 6 | 11 34 | 2 38 | 5 58 | 0 47 | 8 49 | 0 43 | 20 53 | 0 26 | 0 58 | 1 10 | 16 49 | 17 49 | 4 25 |
| W 4 | 22 25 | 18 6 | 4 53 | 17 2 | 2 1 | 15 40 | 1 34 | 23 8 | 0 28 | 1 17 | 1 6 | 11 33 | 2 38 | 5 58 | 0 47 | 8 48 | 0 43 | 20 53 | 0 26 | 1 3 | 1 12 | 16 49 | 17 50 | 4 25 |
| T 5 | 22 32 | 17 2 | 4 32 | 17 35 | 1 52 | 16 1 | 1 32 | 23 13 | 0 29 | 1 14 | 1 6 | 11 32 | 2 38 | 5 57 | 0 47 | 8 48 | 0 43 | 20 52 | 0 26 | 1 8 | 1 13 | 16 48 | 17 50 | 4 25 |
| F 6 | 22 38 | 15 15 | 4 0 | 18 8 | 1 42 | 16 21 | 1 31 | 23 17 | 0 29 | 1 11 | 1 7 | 11 31 | 2 37 | 5 57 | 0 47 | 8 48 | 0 43 | 20 52 | 0 26 | 1 11 | 1 14 | 16 47 | 17 51 | 4 25 |
| S 7 | 22 44 | 12 49 | 3 18 | 18 40 | 1 33 | 16 42 | 1 30 | 23 21 | 0 30 | 1 8 | 1 7 | 11 31 | 2 37 | 5 57 | 0 47 | 8 48 | 0 43 | 20 52 | 0 26 | 1 13 | 1 15 | 16 46 | 17 51 | 4 25 |
| S 8 | 22 49 | 9 50 | 2 26 | 19 13 | 1 23 | 17 1 | 1 28 | 23 26 | 0 30 | 1 5 | 1 7 | 11 30 | 2 37 | 5 57 | 0 47 | 8 47 | 0 43 | 20 52 | 0 26 | 1 15 | 1 17 | 16 46 | 17 52 | 4 25 |
| M 9 | 22 54 | 6 26 | 1 28 | 19 44 | 1 13 | 17 21 | 1 27 | 23 29 | 0 31 | 1 2 | 1 7 | 11 29 | 2 37 | 5 56 | 0 47 | 8 47 | 0 43 | 20 52 | 0 26 | 1 15 | 1 18 | 16 45 | 17 52 | 4 25 |
| T 10 | 22 59 | 2 41 | 0 24 | 20 15 | 1 2 | 17 40 | 1 25 | 23 33 | 0 31 | 0 59 | 1 8 | 11 28 | 2 37 | 5 56 | 0 47 | 8 47 | 0 43 | 20 52 | 0 26 | 1 15 | 1 19 | 16 44 | 17 53 | 4 25 |
| W11 | 23 3 | 1n16 | 0s42 | 20 45 | 0 51 | 17 58 | 1 23 | 23 37 | 0 32 | 0 57 | 1 8 | 11 28 | 2 36 | 5 56 | 0 47 | 8 47 | 0 43 | 20 51 | 0 26 | 1 15 | 1 20 | 16 44 | 17 53 | 4 26 |
| T 12 | 23 7 | 5 17 | 1 48 | 21 14 | 0 41 | 18 17 | 1 22 | 23 40 | 0 32 | 0 54 | 1 8 | 11 27 | 2 36 | 5 56 | 0 47 | 8 46 | 0 43 | 20 51 | 0 26 | 1 16 | 1 22 | 16 43 | 17 54 | 4 26 |
| F 13 | 23 10 | 9 11 | 2 51 | 21 42 | 0 30 | 18 34 | 1 20 | 23 43 | 0 33 | 0 52 | 1 8 | 11 26 | 2 36 | 5 56 | 0 47 | 8 46 | 0 43 | 20 51 | 0 26 | 1 17 | 1 23 | 16 42 | 17 54 | 4 26 |
| S 14 | 23 13 | 12 43 | 3 45 | 22 8 | 0 19 | 18 51 | 1 18 | 23 46 | 0 33 | 0 49 | 1 9 | 11 26 | 2 36 | 5 56 | 0 47 | 8 46 | 0 43 | 20 51 | 0 26 | 1 19 | 1 24 | 16 41 | 17 54 | 4 26 |
| S 15 | 23 16 | 15 36 | 4 28 | 22 33 | 0 8 | 19 8 | 1 16 | 23 48 | 0 34 | 0 47 | 1 9 | 11 25 | 2 35 | 5 56 | 0 47 | 8 45 | 0 43 | 20 51 | 0 25 | 1 23 | 1 25 | 16 41 | 17 55 | 4 26 |
| M16 | 23 18 | 17 35 | 4 54 | 22 56 | 0n 3 | 19 24 | 1 14 | 23 50 | 0 34 | 0 44 | 1 9 | 11 25 | 2 35 | 5 56 | 0 47 | 8 45 | 0 43 | 20 51 | 0 25 | 1 27 | 1 27 | 16 40 | 17 55 | 4 26 |
| T 17 | 23 20 | 18 23 | 5 0 | 23 17 | 0 14 | 19 40 | 1 13 | 23 53 | 0 35 | 0 42 | 1 10 | 11 24 | 2 35 | 5 55 | 0 47 | 8 45 | 0 43 | 20 50 | 0 25 | 1 31 | 1 28 | 16 39 | 17 56 | 4 26 |
| W18 | 23 21 | 17 53 | 4 45 | 23 35 | 0 24 | 19 55 | 1 11 | 23 55 | 0 35 | 0 40 | 1 10 | 11 24 | 2 35 | 5 55 | 0 47 | 8 44 | 0 43 | 20 50 | 0 25 | 1 35 | 1 29 | 16 38 | 17 56 | 4 27 |
| T 19 | 23 22 | 16 8 | 4 11 | 23 51 | 0 34 | 20 10 | 1 9 | 23 56 | 0 36 | 0 37 | 1 10 | 11 23 | 2 34 | 5 55 | 0 47 | 8 44 | 0 43 | 20 50 | 0 25 | 1 39 | 1 30 | 16 38 | 17 57 | 4 27 |
| F 20 | 23 23 | 13 19 | 3 20 | 24 5 | 0 44 | 20 24 | 1 7 | 23 58 | 0 37 | 0 35 | 1 10 | 11 23 | 2 34 | 5 55 | 0 47 | 8 44 | 0 43 | 20 50 | 0 25 | 1 41 | 1 32 | 16 37 | 17 57 | 4 27 |
| S 21 | 23 23 | 9 42 | 2 16 | 24 16 | 0 53 | 20 38 | 1 4 | 23 59 | 0 37 | 0 33 | 1 11 | 11 23 | 2 34 | 5 55 | 0 47 | 8 43 | 0 43 | 20 50 | 0 25 | 1 43 | 1 33 | 16 36 | 17 57 | 4 27 |
| S 22 | 23 23 | 5 37 | 1 6 | 24 24 | 1 2 | 20 51 | 1 2 | 24 0 | 0 38 | 0 31 | 1 11 | 11 22 | 2 34 | 5 56 | 0 47 | 8 43 | 0 43 | 20 50 | 0 25 | 1 44 | 1 34 | 16 35 | 17 58 | 4 27 |
| M23 | 23 22 | 1 21 | 0n 6 | 24 30 | 1 10 | 21 3 | 1 0 | 24 1 | 0 38 | 0 29 | 1 11 | 11 22 | 2 34 | 5 56 | 0 47 | 8 42 | 0 43 | 20 49 | 0 25 | 1 44 | 1 35 | 16 35 | 17 58 | 4 27 |
| T 24 | 23 21 | 2s53 | 1 17 | 24 33 | 1 18 | 21 15 | 0 58 | 24 1 | 0 39 | 0 27 | 1 11 | 11 22 | 2 33 | 5 56 | 0 47 | 8 42 | 0 43 | 20 49 | 0 25 | 1 44 | 1 37 | 16 34 | 17 58 | 4 27 |
| W25 | 23 19 | 6 52 | 2 21 | 24 33 | 1 25 | 21 26 | 0 56 | 24 2 | 0 39 | 0 26 | 1 12 | 11 21 | 2 33 | 5 56 | 0 47 | 8 42 | 0 43 | 20 49 | 0 25 | 1 44 | 1 38 | 16 33 | 17 59 | 4 28 |
| T 26 | 23 17 | 10 26 | 3 17 | 24 30 | 1 31 | 21 37 | 0 53 | 24 2 | 0 40 | 0 24 | 1 12 | 11 21 | 2 33 | 5 56 | 0 47 | 8 41 | 0 43 | 20 49 | 0 25 | 1 46 | 1 39 | 16 32 | 17 59 | 4 28 |
| F 27 | 23 15 | 13 28 | 4 2 | 24 25 | 1 37 | 21 47 | 0 51 | 24 2 | 0 40 | 0 22 | 1 12 | 11 21 | 2 33 | 5 56 | 0 47 | 8 41 | 0 43 | 20 49 | 0 25 | 1 48 | 1 41 | 16 32 | 17 59 | 4 28 |
| S 28 | 23 12 | 15 50 | 4 35 | 24 16 | 1 41 | 21 57 | 0 49 | 24 2 | 0 41 | 0 21 | 1 13 | 11 21 | 2 32 | 5 56 | 0 47 | 8 40 | 0 43 | 20 48 | 0 25 | 1 51 | 1 42 | 16 31 | 18 0 | 4 28 |
| S 29 | 23 9 | 17 28 | 4 54 | 24 6 | 1 45 | 22 6 | 0 47 | 24 1 | 0 41 | 0 19 | 1 13 | 11 21 | 2 32 | 5 56 | 0 48 | 8 40 | 0 43 | 20 48 | 0 25 | 1 55 | 1 43 | 16 30 | 18 0 | 4 28 |
| M30 | 23n 5 | 18s18 | 5n 1 | 23n53 | 1n49 | 22n14 | 0s44 | 24n 1 | 0n42 | 0s18 | 1s13 | 11s21 | 2n32 | 5s57 | 0s48 | 8n39 | 0n43 | 20n48 | 0s24 | 2n 0 | 1n44 | 16s29 | 18n 0 | 4s29 |

Julian Day Number = 2606924.5, Delta T = 09m53s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'17, Lahiri = 29°48'18


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## JULY 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 37 44 | 9♋47'16 | 7♑22 | 20♋42 | 20♊47 | 4♋46 | 2♈ 9 | 6°R44 | 16°R45 | 9♍30 | 24♋20 | 24°R43 | 25♍34 | 26♑26 | 14♊19 | T 1 |
| W 2 | 18 41 41 | 10°44'30 | 19°17 | 22°43 | 22° 0 | 5°27 | 2°13 | 6♏43 | 16♓45 | 9°32 | 24°22 | 24♍31 | 25°31 | 26°33 | 14°24 | W 2 |
| T 3 | 18 45 37 | 11°41'43 | 1♒ 9 | 24°41 | 23°13 | 6° 8 | 2°16 | 6°43 | 16°44 | 9°33 | 24°24 | 24°19 | 25°27 | 26°39 | 14°28 | T 3 |
| F 4 | 18 49 34 | 12°38'57 | 12°59 | 26°38 | 24°26 | 6°48 | 2°20 | 6°42 | 16°44 | 9°34 | 24°25 | 24°11 | 25°24 | 26°46 | 14°32 | F 4 |
| S 5 | 18 53 30 | 13°36'10 | 24°50 | 28°32 | 25°39 | 7°29 | 2°23 | 6°42 | 16°43 | 9°36 | 24°27 | 24° 4 | 25°21 | 26°53 | 14°37 | S 5 |
| S 6 | 18 57 27 | 14°33'23 | 6♓45 | 0♌25 | 26°52 | 8° 9 | 2°27 | 6°41 | 16°42 | 9°37 | 24°28 | 24° 1 | 25°18 | 27° 0 | 14°41 | S 6 |
| M 7 | 19 1 24 | 15°30'36 | 18°47 | 2°15 | 28° 5 | 8°50 | 2°30 | 6°41 | 16°42 | 9°39 | 24°30 | 23°D59 | 25°15 | 27° 6 | 14°45 | M 7 |
| T 8 | 19 5 20 | 16°27'49 | 1♈ 2 | 4° 3 | 29°18 | 9°30 | 2°32 | 6°41 | 16°41 | 9°40 | 24°31 | 23°59 | 25°12 | 27°13 | 14°50 | T 8 |
| W 9 | 19 9 17 | 17°25'02 | 13°33 | 5°49 | 0♋31 | 10°11 | 2°35 | 6°41 | 16°40 | 9°41 | 24°33 | 24°R 0 | 25° 8 | 27°20 | 14°54 | W 9 |
| T 10 | 19 13 13 | 18°22'15 | 26°26 | 7°33 | 1°44 | 10°51 | 2°38 | 6°D41 | 16°39 | 9°43 | 24°34 | 24° 0 | 25° 5 | 27°26 | 14°58 | T 10 |
| F 11 | 19 17 10 | 19°19'29 | 9♉44 | 9°15 | 2°57 | 11°31 | 2°40 | 6°41 | 16°38 | 9°45 | 24°36 | 23°58 | 25° 2 | 27°33 | 15° 2 | F 11 |
| S 12 | 19 21 6 | 20°16'43 | 23°32 | 10°55 | 4°11 | 12°12 | 2°42 | 6°41 | 16°37 | 9°46 | 24°37 | 23°54 | 24°59 | 27°40 | 15° 6 | S 12 |
| S 13 | 19 25 3 | 21°13'57 | 7♊48 | 12°32 | 5°24 | 12°52 | 2°44 | 6°41 | 16°36 | 9°48 | 24°39 | 23°48 | 24°56 | 27°46 | 15°11 | S 13 |
| M14 | 19 28 59 | 22°11'12 | 22°31 | 14° 8 | 6°37 | 13°32 | 2°46 | 6°41 | 16°35 | 9°49 | 24°41 | 23°40 | 24°52 | 27°53 | 15°15 | M14 |
| T 15 | 19 32 56 | 23° 8'27 | 7♋35 | 15°41 | 7°50 | 14°12 | 2°47 | 6°42 | 16°34 | 9°51 | 24°42 | 23°31 | 24°49 | 28° 0 | 15°19 | T 15 |
| W16 | 19 36 53 | 24° 5'42 | 22°50 | 17°12 | 9° 4 | 14°53 | 2°48 | 6°43 | 16°33 | 9°53 | 24°44 | 23°23 | 24°46 | 28° 7 | 15°23 | W16 |
| T 17 | 19 40 49 | 25° 2'57 | 8♌ 7 | 18°41 | 10°17 | 15°33 | 2°50 | 6°43 | 16°32 | 9°54 | 24°45 | 23°15 | 24°43 | 28°13 | 15°27 | T 17 |
| F 18 | 19 44 46 | 26° 0'12 | 23°13 | 20° 8 | 11°30 | 16°13 | 2°51 | 6°44 | 16°31 | 9°56 | 24°47 | 23°10 | 24°40 | 28°20 | 15°31 | F 18 |
| S 19 | 19 48 42 | 26°57'27 | 8♍ 0 | 21°33 | 12°44 | 16°53 | 2°51 | 6°45 | 16°29 | 9°58 | 24°48 | 23° 7 | 24°37 | 28°27 | 15°35 | S 19 |
| S 20 | 19 52 39 | 27°54'42 | 22°23 | 22°55 | 13°57 | 17°33 | 2°52 | 6°46 | 16°28 | 9°59 | 24°50 | 23°D 6 | 24°33 | 28°33 | 15°39 | S 20 |
| M21 | 19 56 35 | 28°51'57 | 6♎19 | 24°15 | 15°10 | 18°13 | 2°52 | 6°47 | 16°27 | 10° 1 | 24°52 | 23° 6 | 24°30 | 28°40 | 15°42 | M21 |
| T 22 | 20 0 32 | 29°49'12 | 19°48 | 25°33 | 16°24 | 18°52 | 2°R52 | 6°48 | 16°25 | 10° 3 | 24°53 | 23° 7 | 24°27 | 28°47 | 15°46 | T 22 |
| W23 | 20 4 28 | 0♌46'27 | 2♏54 | 26°48 | 17°37 | 19°32 | 2°52 | 6°49 | 16°24 | 10° 5 | 24°55 | 23°R 8 | 24°24 | 28°53 | 15°50 | W23 |
| T 24 | 20 8 25 | 1°43'42 | 15°39 | 28° 1 | 18°51 | 20°12 | 2°52 | 6°51 | 16°23 | 10° 6 | 24°56 | 23° 7 | 24°21 | 29° 0 | 15°54 | T 24 |
| F 25 | 20 12 22 | 2°40'58 | 28° 7 | 29°12 | 20° 4 | 20°52 | 2°52 | 6°52 | 16°21 | 10° 8 | 24°58 | 23° 4 | 24°18 | 29° 7 | 15°57 | F 25 |
| S 26 | 20 16 18 | 3°38'13 | 10♐22 | 0♍20 | 21°18 | 21°32 | 2°51 | 6°54 | 16°20 | 10°10 | 24°59 | 22°59 | 24°14 | 29°14 | 16° 1 | S 26 |
| S 27 | 20 20 15 | 4°35'29 | 22°27 | 1°25 | 22°31 | 22°11 | 2°50 | 6°55 | 16°18 | 10°12 | 25° 1 | 22°52 | 24°11 | 29°20 | 16° 5 | S 27 |
| M28 | 20 24 11 | 5°32'45 | 4♑25 | 2°27 | 23°45 | 22°51 | 2°49 | 6°57 | 16°16 | 10°14 | 25° 2 | 22°43 | 24° 8 | 29°27 | 16° 8 | M28 |
| T 29 | 20 28 8 | 6°30'01 | 16°19 | 3°27 | 24°58 | 23°30 | 2°48 | 6°59 | 16°15 | 10°16 | 25° 4 | 22°35 | 24° 5 | 29°34 | 16°12 | T 29 |
| W30 | 20 32 4 | 7°27'18 | 28°11 | 4°24 | 26°12 | 24°10 | 2°47 | 7° 1 | 16°13 | 10°18 | 25° 6 | 22°26 | 24° 2 | 29°40 | 16°15 | W30 |
| T 31 | 20 36 1 | 8♌24'36 | 10♒ 2 | 5♍17 | 27♋25 | 24♋50 | 2♈45 | 7♏ 3 | 16♓11 | 10♍20 | 25♋ 7 | 22♍19 | 23♍58 | 29♑47 | 16♊19 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | decl | lat |
| T 1 | 23n 1 | 18s18 | 4n54 | 23n37 | 1n51 | 22n22 | 0s42 | 24n 0 | 0n42 | 0s16 | 1s13 | 11s21 | 2n31 | 5s57 | 0s48 | 8n39 | 0n43 | 20n48 | 0s24 | 2n 6 | 1n46 | 16s28 | 18n 1 | 4s29 | |
| W 2 | 22 57 | 17 29 | 4 34 | 23 20 | 1 53 | 22 29 | 0 39 | 23 59 | 0 42 | 0 15 | 1 14 | 11 21 | 2 31 | 5 57 | 0 48 | 8 38 | 0 43 | 20 48 | 0 24 | 2 11 | 1 47 | 16 28 | 18 1 | 4 29 | |
| T 3 | 22 52 | 15 55 | 4 2 | 23 0 | 1 54 | 22 36 | 0 37 | 23 57 | 0 43 | 0 14 | 1 14 | 11 21 | 2 31 | 5 57 | 0 48 | 8 38 | 0 43 | 20 47 | 0 24 | 2 15 | 1 48 | 16 27 | 18 1 | 4 29 | |
| F 4 | 22 47 | 13 41 | 3 20 | 22 39 | 1 54 | 22 41 | 0 35 | 23 56 | 0 43 | 0 13 | 1 14 | 11 21 | 2 31 | 5 58 | 0 48 | 8 37 | 0 43 | 20 47 | 0 24 | 2 18 | 1 49 | 16 26 | 18 1 | 4 30 | |
| S 5 | 22 41 | 10 53 | 2 28 | 22 16 | 1 54 | 22 47 | 0 32 | 23 54 | 0 44 | 0 12 | 1 15 | 11 21 | 2 30 | 5 58 | 0 48 | 8 37 | 0 43 | 20 47 | 0 24 | 2 21 | 1 51 | 16 25 | 18 2 | 4 30 | |
| S 6 | 22 35 | 7 37 | 1 30 | 21 51 | 1 53 | 22 51 | 0 30 | 23 52 | 0 44 | 0 11 | 1 15 | 11 21 | 2 30 | 5 58 | 0 48 | 8 36 | 0 43 | 20 47 | 0 24 | 2 22 | 1 52 | 16 24 | 18 2 | 4 30 | |
| M 7 | 22 29 | 4 0 | 0 28 | 21 25 | 1 51 | 22 55 | 0 27 | 23 50 | 0 45 | 0 10 | 1 15 | 11 21 | 2 30 | 5 58 | 0 48 | 8 36 | 0 43 | 20 46 | 0 24 | 2 23 | 1 53 | 16 24 | 18 2 | 4 30 | |
| T 8 | 22 22 | 0 10 | 0s37 | 20 58 | 1 49 | 22 58 | 0 25 | 23 48 | 0 45 | 0 9 | 1 15 | 11 21 | 2 30 | 5 59 | 0 48 | 8 35 | 0 43 | 20 46 | 0 24 | 2 23 | 1 54 | 16 23 | 18 2 | 4 30 | |
| W 9 | 22 15 | 3n46 | 1 42 | 20 29 | 1 46 | 23 1 | 0 22 | 23 45 | 0 46 | 0 8 | 1 16 | 11 21 | 2 29 | 5 59 | 0 48 | 8 34 | 0 43 | 20 46 | 0 24 | 2 23 | 1 56 | 16 22 | 18 3 | 4 31 | |
| T 10 | 22 7 | 7 37 | 2 44 | 19 59 | 1 42 | 23 3 | 0 20 | 23 42 | 0 46 | 0 7 | 1 16 | 11 22 | 2 29 | 6 0 | 0 48 | 8 34 | 0 43 | 20 46 | 0 24 | 2 23 | 1 57 | 16 21 | 18 3 | 4 31 | |
| F 11 | 22 0 | 11 14 | 3 39 | 19 28 | 1 38 | 23 4 | 0 17 | 23 39 | 0 47 | 0 7 | 1 16 | 11 22 | 2 29 | 6 0 | 0 48 | 8 33 | 0 43 | 20 46 | 0 24 | 2 23 | 1 58 | 16 20 | 18 3 | 4 31 | |
| S 12 | 21 51 | 14 22 | 4 23 | 18 57 | 1 33 | 23 4 | 0 15 | 23 36 | 0 47 | 0 6 | 1 17 | 11 22 | 2 29 | 6 0 | 0 48 | 8 33 | 0 43 | 20 45 | 0 24 | 2 25 | 1 59 | 16 20 | 18 3 | 4 31 | |
| S 13 | 21 43 | 16 44 | 4 53 | 18 24 | 1 28 | 23 4 | 0 12 | 23 33 | 0 48 | 0 6 | 1 17 | 11 23 | 2 28 | 6 1 | 0 48 | 8 32 | 0 43 | 20 45 | 0 24 | 2 27 | 2 1 | 16 19 | 18 3 | 4 32 | |
| M14 | 21 34 | 18 6 | 5 4 | 17 51 | 1 22 | 23 3 | 0 10 | 23 29 | 0 48 | 0 5 | 1 17 | 11 23 | 2 28 | 6 1 | 0 48 | 8 32 | 0 43 | 20 45 | 0 24 | 2 31 | 2 2 | 16 18 | 18 4 | 4 32 | |
| T 15 | 21 24 | 18 15 | 4 55 | 17 18 | 1 15 | 23 2 | 0 7 | 23 26 | 0 48 | 0 5 | 1 18 | 11 23 | 2 28 | 6 2 | 0 48 | 8 31 | 0 43 | 20 45 | 0 24 | 2 34 | 2 3 | 16 17 | 18 4 | 4 32 | |
| W16 | 21 14 | 17 5 | 4 25 | 16 44 | 1 8 | 23 0 | 0 5 | 23 22 | 0 49 | 0 5 | 1 18 | 11 24 | 2 27 | 6 2 | 0 48 | 8 30 | 0 43 | 20 45 | 0 24 | 2 37 | 2 4 | 16 16 | 18 4 | 4 33 | |
| T 17 | 21 4 | 14 42 | 3 37 | 16 9 | 1 1 | 22 57 | 0 2 | 23 18 | 0 49 | 0 4 | 1 18 | 11 24 | 2 27 | 6 3 | 0 48 | 8 30 | 0 43 | 20 44 | 0 23 | 2 40 | 2 6 | 16 16 | 18 4 | 4 33 | |
| F 18 | 20 54 | 11 20 | 2 33 | 15 35 | 0 53 | 22 54 | 0n 0 | 23 13 | 0 50 | 0 4 | 1 18 | 11 25 | 2 27 | 6 3 | 0 48 | 8 29 | 0 43 | 20 44 | 0 23 | 2 42 | 2 7 | 16 15 | 18 4 | 4 33 | |
| S 19 | 20 43 | 7 19 | 1 20 | 15 0 | 0 45 | 22 49 | 0 3 | 23 9 | 0 50 | 0 4 | 1 19 | 11 25 | 2 27 | 6 4 | 0 48 | 8 28 | 0 43 | 20 44 | 0 23 | 2 44 | 2 8 | 16 14 | 18 4 | 4 33 | |
| S 20 | 20 32 | 2 57 | 0 4 | 14 25 | 0 36 | 22 45 | 0 5 | 23 4 | 0 51 | 0 4 | 1 19 | 11 26 | 2 26 | 6 4 | 0 48 | 8 28 | 0 43 | 20 44 | 0 23 | 2 44 | 2 9 | 16 13 | 18 4 | 4 34 | |
| M21 | 20 20 | 1s25 | 1n10 | 13 50 | 0 27 | 22 39 | 0 8 | 22 59 | 0 51 | 0 5 | 1 19 | 11 27 | 2 26 | 6 5 | 0 48 | 8 27 | 0 43 | 20 43 | 0 23 | 2 44 | 2 11 | 16 12 | 18 5 | 4 34 | |
| T 22 | 20 8 | 5 35 | 2 18 | 13 15 | 0 17 | 22 33 | 0 10 | 22 54 | 0 52 | 0 5 | 1 20 | 11 27 | 2 26 | 6 5 | 0 48 | 8 26 | 0 43 | 20 43 | 0 23 | 2 43 | 2 12 | 16 11 | 18 5 | 4 34 | |
| W23 | 19 56 | 9 21 | 3 17 | 12 40 | 0 7 | 22 26 | 0 13 | 22 49 | 0 52 | 0 5 | 1 20 | 11 28 | 2 26 | 6 6 | 0 48 | 8 26 | 0 42 | 20 43 | 0 23 | 2 43 | 2 13 | 16 10 | 18 5 | 4 35 | |
| T 24 | 19 44 | 12 35 | 4 4 | 12 5 | 0s 3 | 22 19 | 0 15 | 22 44 | 0 52 | 0 5 | 1 20 | 11 29 | 2 25 | 6 6 | 0 48 | 8 25 | 0 42 | 20 43 | 0 23 | 2 44 | 2 14 | 16 10 | 18 5 | 4 35 | |
| F 25 | 19 31 | 15 9 | 4 39 | 11 31 | 0 13 | 22 11 | 0 18 | 22 38 | 0 53 | 0 6 | 1 21 | 11 29 | 2 25 | 6 7 | 0 48 | 8 24 | 0 42 | 20 43 | 0 23 | 2 45 | 2 16 | 16 9 | 18 5 | 4 35 | |
| S 26 | 19 18 | 17 0 | 5 0 | 10 57 | 0 24 | 22 2 | 0 20 | 22 32 | 0 53 | 0 6 | 1 21 | 11 30 | 2 25 | 6 8 | 0 48 | 8 24 | 0 42 | 20 42 | 0 23 | 2 47 | 2 17 | 16 8 | 18 5 | 4 35 | |
| S 27 | 19 4 | 18 3 | 5 7 | 10 24 | 0 35 | 21 52 | 0 22 | 22 26 | 0 54 | 0 7 | 1 21 | 11 31 | 2 25 | 6 8 | 0 48 | 8 23 | 0 42 | 20 42 | 0 23 | 2 50 | 2 18 | 16 7 | 18 5 | 4 36 | |
| M28 | 18 50 | 18 18 | 5 1 | 9 51 | 0 47 | 21 42 | 0 25 | 22 20 | 0 54 | 0 8 | 1 21 | 11 32 | 2 24 | 6 9 | 0 49 | 8 22 | 0 42 | 20 42 | 0 23 | 2 53 | 2 19 | 16 6 | 18 5 | 4 36 | |
| T 29 | 18 36 | 17 44 | 4 42 | 9 18 | 0 59 | 21 32 | 0 27 | 22 14 | 0 54 | 0 8 | 1 22 | 11 33 | 2 24 | 6 10 | 0 49 | 8 21 | 0 42 | 20 42 | 0 23 | 2 56 | 2 21 | 16 5 | 18 5 | 4 36 | |
| W30 | 18 22 | 16 23 | 4 10 | 8 47 | 1 10 | 21 20 | 0 29 | 22 8 | 0 55 | 0 9 | 1 22 | 11 33 | 2 24 | 6 10 | 0 49 | 8 21 | 0 42 | 20 41 | 0 23 | 3 0 | 2 22 | 16 5 | 18 5 | 4 37 | |
| T 31 | 18n 7 | 14s21 | 3n28 | 8n16 | 1s23 | 21n 8 | 0n32 | 22n 1 | 0n55 | 0s10 | 1s22 | 11s34 | 2n23 | 6s11 | 0s49 | 8n20 | 0n42 | 20n41 | 0s23 | 3n 2 | 2n23 | 16s 4 | 18n 5 | 4s37 | |

Julian Day Number = 2606954.5, Delta T = 09m53s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'21, Lahiri = 29°48'22


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## AUGUST 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 39 58 | 9♌21'54 | 21♒54 | 6♍ 8 | 28♋39 | 25♋29 | 2°R43 | 7♏ 5 | 16°R10 | 10♍22 | 25♋ 9 | 22°R14 | 23♍55 | 29♉54 | 16♊22 | F 1 |
| S 2 | 20 43 54 | 10°19'12 | 3♓49 | 6°55 | 29°53 | 26° 9 | 2♈41 | 7° 7 | 16♓ 8 | 10°24 | 25°10 | 22♍10 | 23°52 | 0♒ 0 | 16°25 | S 2 |
| S 3 | 20 47 51 | 11°16'32 | 15°50 | 7°38 | 1♌ 6 | 26°48 | 2°39 | 7°10 | 16° 6 | 10°26 | 25°12 | 22° 8 | 23°49 | 0° 7 | 16°29 | S 3 |
| M 4 | 20 51 47 | 12°13'52 | 27°59 | 8°18 | 2°20 | 27°27 | 2°37 | 7°12 | 16° 4 | 10°28 | 25°13 | 22°D 8 | 23°46 | 0°14 | 16°32 | M 4 |
| T 5 | 20 55 44 | 13°11'13 | 10♈19 | 8°54 | 3°34 | 28° 7 | 2°34 | 7°14 | 16° 2 | 10°30 | 25°15 | 22° 9 | 23°43 | 0°20 | 16°35 | T 5 |
| W 6 | 20 59 40 | 14° 8'35 | 22°54 | 9°26 | 4°47 | 28°46 | 2°31 | 7°17 | 16° 0 | 10°32 | 25°16 | 22°11 | 23°39 | 0°27 | 16°38 | W 6 |
| T 7 | 21 3 37 | 15° 5'58 | 5♉48 | 9°54 | 6° 1 | 29°25 | 2°28 | 7°20 | 15°59 | 10°34 | 25°18 | 22°12 | 23°36 | 0°34 | 16°41 | T 7 |
| F 8 | 21 7 33 | 16° 3'22 | 19° 4 | 10°18 | 7°15 | 0♌ 5 | 2°25 | 7°23 | 15°57 | 10°36 | 25°19 | 22°R12 | 23°33 | 0°41 | 16°44 | F 8 |
| S 9 | 21 11 30 | 17° 0'48 | 2♊45 | 10°37 | 8°29 | 0°44 | 2°22 | 7°25 | 15°55 | 10°38 | 25°21 | 22°11 | 23°30 | 0°47 | 16°47 | S 9 |
| S 10 | 21 15 26 | 17°58'15 | 16°51 | 10°51 | 9°43 | 1°23 | 2°18 | 7°28 | 15°53 | 10°40 | 25°22 | 22° 9 | 23°27 | 0°54 | 16°50 | S 10 |
| M11 | 21 19 23 | 18°55'42 | 1♋22 | 11° 1 | 10°57 | 2° 2 | 2°15 | 7°31 | 15°51 | 10°42 | 25°24 | 22° 5 | 23°24 | 1° 1 | 16°53 | M11 |
| T 12 | 21 23 20 | 19°53'12 | 16°14 | 11°R 5 | 12°10 | 2°41 | 2°11 | 7°34 | 15°49 | 10°44 | 25°25 | 22° 1 | 23°20 | 1° 7 | 16°56 | T 12 |
| W13 | 21 27 16 | 20°50'42 | 1♌19 | 11° 4 | 13°24 | 3°20 | 2° 7 | 7°38 | 15°46 | 10°46 | 25°26 | 21°56 | 23°17 | 1°14 | 16°59 | W13 |
| T 14 | 21 31 13 | 21°48'13 | 16°29 | 10°58 | 14°38 | 3°59 | 2° 3 | 7°41 | 15°44 | 10°48 | 25°28 | 21°53 | 23°14 | 1°21 | 17° 1 | T 14 |
| F 15 | 21 35 9 | 22°45'45 | 1♍34 | 10°47 | 15°52 | 4°38 | 1°58 | 7°44 | 15°42 | 10°50 | 25°29 | 21°50 | 23°11 | 1°27 | 17° 4 | F 15 |
| S 16 | 21 39 6 | 23°43'18 | 16°25 | 10°30 | 17° 6 | 5°17 | 1°54 | 7°48 | 15°40 | 10°52 | 25°31 | 21°D49 | 23° 8 | 1°34 | 17° 7 | S 16 |
| S 17 | 21 43 2 | 24°40'52 | 0♎54 | 10° 8 | 18°20 | 5°56 | 1°49 | 7°51 | 15°38 | 10°55 | 25°32 | 21°49 | 23° 4 | 1°41 | 17° 9 | S 17 |
| M18 | 21 46 59 | 25°38'27 | 14°58 | 9°41 | 19°34 | 6°35 | 1°44 | 7°55 | 15°36 | 10°57 | 25°34 | 21°50 | 23° 1 | 1°47 | 17°12 | M18 |
| T 19 | 21 50 55 | 26°36'03 | 28°35 | 9° 9 | 20°48 | 7°14 | 1°39 | 7°59 | 15°33 | 10°59 | 25°35 | 21°52 | 22°58 | 1°54 | 17°14 | T 19 |
| W20 | 21 54 52 | 27°33'40 | 11♏47 | 8°32 | 22° 2 | 7°53 | 1°34 | 8° 2 | 15°31 | 11° 1 | 25°36 | 21°53 | 22°55 | 2° 1 | 17°16 | W20 |
| T 21 | 21 58 49 | 28°31'18 | 24°35 | 7°51 | 23°16 | 8°32 | 1°28 | 8° 6 | 15°29 | 11° 3 | 25°38 | 21°R54 | 22°52 | 2° 8 | 17°19 | T 21 |
| F 22 | 22 2 45 | 29°28'57 | 7♐ 3 | 7° 6 | 24°31 | 9°11 | 1°23 | 8°10 | 15°27 | 11° 5 | 25°39 | 21°53 | 22°49 | 2°14 | 17°21 | F 22 |
| S 23 | 22 6 42 | 0♍26'36 | 19°17 | 6°18 | 25°45 | 9°49 | 1°17 | 8°14 | 15°24 | 11° 8 | 25°40 | 21°52 | 22°45 | 2°21 | 17°23 | S 23 |
| S 24 | 22 10 38 | 1°24'17 | 1♑19 | 5°28 | 26°59 | 10°28 | 1°11 | 8°18 | 15°22 | 11°10 | 25°42 | 21°50 | 22°42 | 2°28 | 17°25 | S 24 |
| M25 | 22 14 35 | 2°21'59 | 13°14 | 4°37 | 28°13 | 11° 7 | 1° 5 | 8°23 | 15°20 | 11°12 | 25°43 | 21°48 | 22°39 | 2°34 | 17°27 | M25 |
| T 26 | 22 18 31 | 3°19'41 | 25° 5 | 3°45 | 29°27 | 11°45 | 0°59 | 8°27 | 15°18 | 11°14 | 25°44 | 21°45 | 22°36 | 2°41 | 17°29 | T 26 |
| W27 | 22 22 28 | 4°17'25 | 6♒56 | 2°54 | 0♍41 | 12°24 | 0°53 | 8°31 | 15°15 | 11°16 | 25°46 | 21°42 | 22°33 | 2°48 | 17°31 | W27 |
| T 28 | 22 26 24 | 5°15'11 | 18°49 | 2° 4 | 1°56 | 13° 3 | 0°47 | 8°36 | 15°13 | 11°19 | 25°47 | 21°39 | 22°30 | 2°54 | 17°33 | T 28 |
| F 29 | 22 30 21 | 6°12'57 | 0♓47 | 1°17 | 3°10 | 13°41 | 0°40 | 8°40 | 15°11 | 11°21 | 25°48 | 21°38 | 22°26 | 3° 1 | 17°35 | F 29 |
| S 30 | 22 34 18 | 7°10'45 | 12°50 | 0°34 | 4°24 | 14°20 | 0°34 | 8°45 | 15° 8 | 11°23 | 25°49 | 21°37 | 22°23 | 3° 8 | 17°37 | S 30 |
| S 31 | 22 38 14 | 8♍ 8'34 | 25♓ 3 | 29♌56 | 5♍38 | 14♌58 | 0♈27 | 8♏49 | 15♓ 6 | 11♍25 | 25♋51 | 21°D37 | 22♍20 | 3♒14 | 17♊38 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n52 | 11s42 | 2n36 | 7n46 | 1s35 | 20n56 | 0n34 | 21n54 | 0n56 | 0s11 | 1s23 | 11s35 | 2n23 | 6s12 | 0s49 | 8n19 | 0n42 | 20n41 | 0s23 | 3n 5 | 2n24 | 16s 3 | 18n 5 | 4s37 |
| S 2 | 17 37 | 8 34 | 1 38 | 7 17 | 1 47 | 20 43 | 0 36 | 21 47 | 0 56 | 0 12 | 1 23 | 11 36 | 2 23 | 6 12 | 0 49 | 8 18 | 0 42 | 20 41 | 0 23 | 3 6 | 2 26 | 16 2 | 18 5 | 4 38 |
| S 3 | 17 21 | 5 3 | 0 34 | 6 50 | 2 0 | 20 29 | 0 38 | 21 40 | 0 56 | 0 13 | 1 23 | 11 37 | 2 23 | 6 13 | 0 49 | 8 18 | 0 42 | 20 41 | 0 22 | 3 7 | 2 27 | 16 1 | 18 5 | 4 38 |
| M 4 | 17 5 | 1 17 | 0s32 | 6 23 | 2 12 | 20 15 | 0 40 | 21 33 | 0 57 | 0 14 | 1 23 | 11 38 | 2 22 | 6 14 | 0 49 | 8 17 | 0 42 | 20 40 | 0 22 | 3 7 | 2 28 | 16 0 | 18 5 | 4 38 |
| T 5 | 16 49 | 2n35 | 1 37 | 5 58 | 2 25 | 20 0 | 0 42 | 21 25 | 0 57 | 0 16 | 1 24 | 11 39 | 2 22 | 6 15 | 0 49 | 8 16 | 0 42 | 20 40 | 0 22 | 3 6 | 2 30 | 15 59 | 18 5 | 4 39 |
| W 6 | 16 33 | 6 25 | 2 40 | 5 35 | 2 38 | 19 44 | 0 44 | 21 18 | 0 58 | 0 17 | 1 24 | 11 40 | 2 22 | 6 15 | 0 49 | 8 15 | 0 42 | 20 40 | 0 22 | 3 6 | 2 31 | 15 58 | 18 5 | 4 39 |
| T 7 | 16 16 | 10 2 | 3 36 | 5 12 | 2 50 | 19 28 | 0 46 | 21 10 | 0 58 | 0 18 | 1 24 | 11 41 | 2 22 | 6 16 | 0 49 | 8 15 | 0 42 | 20 40 | 0 22 | 3 5 | 2 32 | 15 58 | 18 5 | 4 40 |
| F 8 | 15 59 | 13 15 | 4 22 | 4 52 | 3 3 | 19 12 | 0 48 | 21 2 | 0 58 | 0 20 | 1 25 | 11 43 | 2 21 | 6 17 | 0 49 | 8 14 | 0 42 | 20 40 | 0 22 | 3 5 | 2 33 | 15 57 | 18 5 | 4 40 |
| S 9 | 15 42 | 15 50 | 4 54 | 4 34 | 3 15 | 18 55 | 0 50 | 20 54 | 0 59 | 0 22 | 1 25 | 11 44 | 2 21 | 6 18 | 0 49 | 8 13 | 0 42 | 20 39 | 0 22 | 3 6 | 2 35 | 15 56 | 18 5 | 4 40 |
| S 10 | 15 24 | 17 35 | 5 11 | 4 17 | 3 27 | 18 37 | 0 52 | 20 46 | 0 59 | 0 23 | 1 25 | 11 45 | 2 21 | 6 18 | 0 49 | 8 12 | 0 42 | 20 39 | 0 22 | 3 7 | 2 36 | 15 55 | 18 5 | 4 41 |
| M11 | 15 7 | 18 14 | 5 8 | 4 3 | 3 38 | 18 19 | 0 54 | 20 38 | 1 0 | 0 25 | 1 25 | 11 46 | 2 21 | 6 19 | 0 49 | 8 12 | 0 42 | 20 39 | 0 22 | 3 8 | 2 37 | 15 54 | 18 5 | 4 41 |
| T 12 | 14 49 | 17 41 | 4 45 | 3 51 | 3 49 | 18 0 | 0 56 | 20 29 | 1 0 | 0 27 | 1 26 | 11 47 | 2 20 | 6 20 | 0 49 | 8 11 | 0 42 | 20 39 | 0 22 | 3 10 | 2 38 | 15 53 | 18 4 | 4 41 |
| W13 | 14 31 | 15 53 | 4 2 | 3 42 | 4 0 | 17 41 | 0 58 | 20 20 | 1 0 | 0 28 | 1 26 | 11 49 | 2 20 | 6 21 | 0 49 | 8 10 | 0 42 | 20 38 | 0 22 | 3 11 | 2 40 | 15 52 | 18 4 | 4 42 |
| T 14 | 14 12 | 12 58 | 3 2 | 3 35 | 4 10 | 17 21 | 0 59 | 20 12 | 1 1 | 0 30 | 1 26 | 11 50 | 2 20 | 6 22 | 0 49 | 8 9 | 0 42 | 20 38 | 0 22 | 3 13 | 2 41 | 15 51 | 18 4 | 4 42 |
| F 15 | 13 54 | 9 12 | 1 49 | 3 31 | 4 19 | 17 1 | 1 1 | 20 3 | 1 1 | 0 32 | 1 26 | 11 51 | 2 20 | 6 23 | 0 49 | 8 8 | 0 42 | 20 38 | 0 22 | 3 14 | 2 42 | 15 50 | 18 4 | 4 42 |
| S 16 | 13 35 | 4 54 | 0 30 | 3 29 | 4 27 | 16 40 | 1 3 | 19 54 | 1 1 | 0 34 | 1 27 | 11 53 | 2 19 | 6 23 | 0 49 | 8 8 | 0 42 | 20 38 | 0 22 | 3 14 | 2 43 | 15 50 | 18 4 | 4 43 |
| S 17 | 13 16 | 0 24 | 0n50 | 3 31 | 4 34 | 16 19 | 1 4 | 19 44 | 1 2 | 0 37 | 1 27 | 11 54 | 2 19 | 6 24 | 0 49 | 8 7 | 0 42 | 20 38 | 0 22 | 3 14 | 2 45 | 15 49 | 18 4 | 4 43 |
| M18 | 12 57 | 3s59 | 2 4 | 3 36 | 4 40 | 15 57 | 1 6 | 19 35 | 1 2 | 0 39 | 1 27 | 11 55 | 2 19 | 6 25 | 0 49 | 8 6 | 0 42 | 20 37 | 0 22 | 3 14 | 2 46 | 15 48 | 18 4 | 4 44 |
| T 19 | 12 37 | 8 0 | 3 9 | 3 43 | 4 45 | 15 35 | 1 7 | 19 26 | 1 2 | 0 41 | 1 27 | 11 57 | 2 19 | 6 26 | 0 49 | 8 5 | 0 42 | 20 37 | 0 22 | 3 13 | 2 47 | 15 47 | 18 3 | 4 44 |
| W20 | 12 17 | 11 30 | 4 1 | 3 54 | 4 48 | 15 13 | 1 9 | 19 16 | 1 3 | 0 43 | 1 28 | 11 58 | 2 18 | 6 27 | 0 49 | 8 4 | 0 42 | 20 37 | 0 21 | 3 13 | 2 48 | 15 46 | 18 3 | 4 44 |
| T 21 | 11 58 | 14 20 | 4 40 | 4 8 | 4 49 | 14 50 | 1 10 | 19 6 | 1 3 | 0 46 | 1 28 | 12 0 | 2 18 | 6 28 | 0 49 | 8 3 | 0 42 | 20 37 | 0 21 | 3 12 | 2 50 | 15 45 | 18 3 | 4 45 |
| F 22 | 11 38 | 16 26 | 5 5 | 4 24 | 4 49 | 14 27 | 1 11 | 18 56 | 1 4 | 0 48 | 1 28 | 12 1 | 2 18 | 6 29 | 0 49 | 8 3 | 0 42 | 20 37 | 0 21 | 3 13 | 2 51 | 15 44 | 18 3 | 4 45 |
| S 23 | 11 17 | 17 43 | 5 15 | 4 44 | 4 47 | 14 3 | 1 13 | 18 46 | 1 4 | 0 50 | 1 28 | 12 3 | 2 18 | 6 30 | 0 49 | 8 2 | 0 42 | 20 37 | 0 21 | 3 13 | 2 52 | 15 43 | 18 3 | 4 46 |
| S 24 | 10 57 | 18 12 | 5 11 | 5 5 | 4 43 | 13 39 | 1 14 | 18 36 | 1 4 | 0 53 | 1 28 | 12 4 | 2 18 | 6 30 | 0 49 | 8 1 | 0 42 | 20 36 | 0 21 | 3 14 | 2 53 | 15 42 | 18 2 | 4 46 |
| M25 | 10 36 | 17 52 | 4 53 | 5 29 | 4 38 | 13 14 | 1 15 | 18 26 | 1 5 | 0 55 | 1 29 | 12 6 | 2 17 | 6 31 | 0 49 | 8 0 | 0 43 | 20 36 | 0 21 | 3 15 | 2 55 | 15 41 | 18 2 | 4 46 |
| T 26 | 10 16 | 16 45 | 4 24 | 5 55 | 4 30 | 12 49 | 1 16 | 18 16 | 1 5 | 0 58 | 1 29 | 12 7 | 2 17 | 6 32 | 0 49 | 7 59 | 0 43 | 20 36 | 0 21 | 3 16 | 2 56 | 15 40 | 18 2 | 4 47 |
| W27 | 9 55 | 14 54 | 3 42 | 6 22 | 4 20 | 12 24 | 1 17 | 18 5 | 1 5 | 1 1 | 1 29 | 12 9 | 2 17 | 6 33 | 0 49 | 7 59 | 0 43 | 20 36 | 0 21 | 3 17 | 2 57 | 15 39 | 18 2 | 4 47 |
| T 28 | 9 34 | 12 26 | 2 52 | 6 50 | 4 9 | 11 59 | 1 18 | 17 55 | 1 6 | 1 3 | 1 29 | 12 10 | 2 17 | 6 34 | 0 49 | 7 58 | 0 43 | 20 36 | 0 21 | 3 18 | 2 58 | 15 38 | 18 2 | 4 48 |
| F 29 | 9 13 | 9 25 | 1 53 | 7 18 | 3 56 | 11 33 | 1 19 | 17 44 | 1 6 | 1 6 | 1 29 | 12 12 | 2 16 | 6 35 | 0 49 | 7 57 | 0 43 | 20 35 | 0 21 | 3 19 | 3 0 | 15 38 | 18 1 | 4 48 |
| S 30 | 8 51 | 5 59 | 0 48 | 7 47 | 3 42 | 11 7 | 1 20 | 17 33 | 1 6 | 1 9 | 1 30 | 12 14 | 2 16 | 6 36 | 0 49 | 7 56 | 0 43 | 20 35 | 0 21 | 3 19 | 3 1 | 15 37 | 18 1 | 4 49 |
| S 31 | 8n30 | 2s15 | 0s19 | 8n15 | 3s27 | 10n40 | 1n21 | 17n22 | 1n 7 | 1s12 | 1s30 | 12s15 | 2n16 | 6s37 | 0s49 | 7n55 | 0n43 | 20n35 | 0s21 | 3n19 | 3n 2 | 15s36 | 18n 1 | 4s49 |

Julian Day Number = 2606985.5, Delta T = 09m53s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'25, Lahiri = 29°48'27


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## SEPTEMBER 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 42 11 | 9♍ 6'25 | 7♈25 | 29°R23 | 6♍53 | 15♌37 | 0°R20 | 8♏54 | 15°R 3 | 11♍28 | 25♋52 | 21♍37 | 22♍17 | 3♒21 | 17♊40 | M 1 |
| T 2 | 22 46 7 | 10° 4'17 | 19°58 | 28♌57 | 8° 7 | 16°15 | 0♈13 | 8°59 | 15♓ 1 | 11°30 | 25°53 | 21°38 | 22°14 | 3°28 | 17°42 | T 2 |
| W 3 | 22 50 4 | 11° 2'11 | 2♉46 | 28°37 | 9°21 | 16°53 | 0° 6 | 9° 4 | 14°59 | 11°32 | 25°54 | 21°39 | 22°10 | 3°35 | 17°43 | W 3 |
| T 4 | 22 54 0 | 12° 0'07 | 15°48 | 28°25 | 10°35 | 17°32 | 29♓59 | 9° 9 | 14°56 | 11°34 | 25°55 | 21°40 | 22° 7 | 3°41 | 17°45 | T 4 |
| F 5 | 22 57 57 | 12°58'05 | 29° 8 | 28°D21 | 11°50 | 18°10 | 29°52 | 9°14 | 14°54 | 11°36 | 25°56 | 21°40 | 22° 4 | 3°48 | 17°46 | F 5 |
| S 6 | 23 1 53 | 13°56'04 | 12♊47 | 28°25 | 13° 4 | 18°48 | 29°44 | 9°19 | 14°52 | 11°39 | 25°58 | 21°R41 | 22° 1 | 3°55 | 17°47 | S 6 |
| S 7 | 23 5 50 | 14°54'06 | 26°45 | 28°37 | 14°19 | 19°27 | 29°37 | 9°24 | 14°49 | 11°41 | 25°59 | 21°41 | 21°58 | 4° 1 | 17°49 | S 7 |
| M 8 | 23 9 47 | 15°52'09 | 11♋ 2 | 28°58 | 15°33 | 20° 5 | 29°29 | 9°29 | 14°47 | 11°43 | 26° 0 | 21°40 | 21°55 | 4° 8 | 17°50 | M 8 |
| T 9 | 23 13 43 | 16°50'15 | 25°34 | 29°27 | 16°47 | 20°43 | 29°22 | 9°34 | 14°44 | 11°45 | 26° 1 | 21°40 | 21°51 | 4°15 | 17°51 | T 9 |
| W10 | 23 17 40 | 17°48'22 | 10♌19 | 0♍ 4 | 18° 2 | 21°21 | 29°14 | 9°39 | 14°42 | 11°48 | 26° 2 | 21°39 | 21°48 | 4°21 | 17°52 | W10 |
| T 11 | 23 21 36 | 18°46'31 | 25° 9 | 0°50 | 19°16 | 21°59 | 29° 6 | 9°45 | 14°40 | 11°50 | 26° 3 | 21°39 | 21°45 | 4°28 | 17°53 | T 11 |
| F 12 | 23 25 33 | 19°44'41 | 9♍57 | 1°43 | 20°31 | 22°37 | 28°59 | 9°50 | 14°37 | 11°52 | 26° 4 | 21°39 | 21°42 | 4°35 | 17°54 | F 12 |
| S 13 | 23 29 29 | 20°42'54 | 24°37 | 2°43 | 21°45 | 23°16 | 28°51 | 9°56 | 14°35 | 11°54 | 26° 5 | 21°D39 | 21°39 | 4°41 | 17°54 | S 13 |
| S 14 | 23 33 26 | 21°41'08 | 9♎ 2 | 3°50 | 23° 0 | 23°54 | 28°43 | 10° 1 | 14°32 | 11°56 | 26° 6 | 21°R39 | 21°35 | 4°48 | 17°55 | S 14 |
| M15 | 23 37 22 | 22°39'24 | 23° 5 | 5° 4 | 24°14 | 24°32 | 28°35 | 10° 7 | 14°30 | 11°59 | 26° 7 | 21°39 | 21°32 | 4°55 | 17°56 | M15 |
| T 16 | 23 41 19 | 23°37'41 | 6♏45 | 6°24 | 25°29 | 25°10 | 28°27 | 10°13 | 14°28 | 12° 1 | 26° 8 | 21°39 | 21°29 | 5° 1 | 17°56 | T 16 |
| W17 | 23 45 15 | 24°36'00 | 20° 1 | 7°49 | 26°43 | 25°48 | 28°19 | 10°18 | 14°25 | 12° 3 | 26° 9 | 21°38 | 21°26 | 5° 8 | 17°57 | W17 |
| T 18 | 23 49 12 | 25°34'21 | 2♐53 | 9°19 | 27°58 | 26°26 | 28°11 | 10°24 | 14°23 | 12° 5 | 26°10 | 21°38 | 21°23 | 5°15 | 17°57 | T 18 |
| F 19 | 23 53 9 | 26°32'43 | 15°25 | 10°53 | 29°13 | 27° 3 | 28° 3 | 10°30 | 14°21 | 12° 7 | 26°11 | 21°38 | 21°20 | 5°22 | 17°58 | F 19 |
| S 20 | 23 57 5 | 27°31'07 | 27°40 | 12°31 | 0♑27 | 27°41 | 27°55 | 10°36 | 14°18 | 12° 9 | 26°11 | 21°D38 | 21°16 | 5°28 | 17°58 | S 20 |
| S 21 | 0 1 2 | 28°29'32 | 9♑42 | 14°12 | 1°42 | 28°19 | 27°47 | 10°42 | 14°16 | 12°12 | 26°12 | 21°38 | 21°13 | 5°35 | 17°58 | S 21 |
| M22 | 0 4 58 | 29°27'59 | 21°37 | 15°56 | 2°56 | 28°57 | 27°39 | 10°48 | 14°14 | 12°14 | 26°13 | 21°38 | 21°10 | 5°42 | 17°59 | M22 |
| T 23 | 0 8 55 | 0♑26'27 | 3♒27 | 17°42 | 4°11 | 29°35 | 27°31 | 10°54 | 14°12 | 12°16 | 26°14 | 21°39 | 21° 7 | 5°48 | 17°59 | T 23 |
| W24 | 0 12 51 | 1°24'57 | 15°19 | 19°30 | 5°26 | 0♍12 | 27°23 | 11° 0 | 14° 9 | 12°18 | 26°15 | 21°40 | 21° 4 | 5°55 | 17°R59 | W24 |
| T 25 | 0 16 48 | 2°23'29 | 27°15 | 21°19 | 6°40 | 0°50 | 27°15 | 11° 6 | 14° 7 | 12°20 | 26°15 | 21°41 | 21° 1 | 6° 2 | 17°59 | T 25 |
| F 26 | 0 20 44 | 3°22'02 | 9♓19 | 23° 9 | 7°55 | 1°28 | 27° 8 | 11°12 | 14° 5 | 12°22 | 26°16 | 21°42 | 20°57 | 6° 8 | 17°59 | F 26 |
| S 27 | 0 24 41 | 4°20'38 | 21°34 | 25° 0 | 9° 9 | 2° 5 | 27° 0 | 11°18 | 14° 3 | 12°24 | 26°17 | 21°R42 | 20°54 | 6°15 | 17°58 | S 27 |
| S 28 | 0 28 38 | 5°19'15 | 4♈ 1 | 26°51 | 10°24 | 2°43 | 26°52 | 11°25 | 14° 0 | 12°26 | 26°18 | 21°42 | 20°51 | 6°22 | 17°58 | S 28 |
| M29 | 0 32 34 | 6°17'54 | 16°41 | 28°42 | 11°39 | 3°21 | 26°44 | 11°31 | 13°58 | 12°28 | 26°18 | 21°41 | 20°48 | 6°28 | 17°58 | M29 |
| T 30 | 0 36 31 | 7♎16'34 | 29♈35 | 0♎34 | 12♎53 | 3♍58 | 26♓36 | 11♏37 | 13♓56 | 12♍31 | 26♋19 | 21♍39 | 20♍45 | 6♒35 | 17♊57 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n 8 | 1n37 | 1s26 | 8n41 | 3s10 | 10n13 | 1n21 | 17n11 | 1n 7 | 1s15 | 1s30 | 12s17 | 2n16 | 6s38 | 0s49 | 7n54 | 0n43 | 20n35 | 0s21 | 3n19 | 3n 3 | 15s35 | 18n 0 | 4s49 |
| T 2 | 7 46 | 5 28 | 2 31 | 9 7 | 2 52 | 9 46 | 1 22 | 17 0 | 1 7 | 1 18 | 1 30 | 12 19 | 2 16 | 6 39 | 0 49 | 7 54 | 0 43 | 20 35 | 0 21 | 3 19 | 3 5 | 15 34 | 18 0 | 4 50 |
| W 3 | 7 25 | 9 8 | 3 29 | 9 31 | 2 34 | 9 19 | 1 22 | 16 49 | 1 8 | 1 21 | 1 30 | 12 20 | 2 15 | 6 40 | 0 49 | 7 53 | 0 43 | 20 35 | 0 21 | 3 18 | 3 6 | 15 33 | 18 0 | 4 50 |
| T 4 | 7 3 | 12 25 | 4 17 | 9 52 | 2 16 | 8 52 | 1 23 | 16 37 | 1 8 | 1 24 | 1 30 | 12 22 | 2 15 | 6 40 | 0 49 | 7 52 | 0 43 | 20 34 | 0 21 | 3 18 | 3 7 | 15 32 | 18 0 | 4 51 |
| F 5 | 6 41 | 15 9 | 4 53 | 10 11 | 1 57 | 8 24 | 1 23 | 16 26 | 1 8 | 1 27 | 1 31 | 12 24 | 2 15 | 6 41 | 0 49 | 7 51 | 0 43 | 20 34 | 0 21 | 3 18 | 3 8 | 15 31 | 17 59 | 4 51 |
| S 6 | 6 18 | 17 6 | 5 13 | 10 28 | 1 38 | 7 56 | 1 24 | 16 14 | 1 9 | 1 30 | 1 31 | 12 26 | 2 15 | 6 42 | 0 49 | 7 50 | 0 43 | 20 34 | 0 21 | 3 18 | 3 10 | 15 30 | 17 59 | 4 52 |
| S 7 | 5 56 | 18 5 | 5 16 | 10 41 | 1 20 | 7 27 | 1 24 | 16 3 | 1 9 | 1 33 | 1 31 | 12 28 | 2 15 | 6 43 | 0 49 | 7 49 | 0 43 | 20 34 | 0 20 | 3 18 | 3 11 | 15 29 | 17 59 | 4 52 |
| M 8 | 5 34 | 17 57 | 4 59 | 10 51 | 1 2 | 6 59 | 1 24 | 15 51 | 1 9 | 1 36 | 1 31 | 12 29 | 2 14 | 6 44 | 0 49 | 7 49 | 0 43 | 20 34 | 0 20 | 3 18 | 3 12 | 15 28 | 17 58 | 4 52 |
| T 9 | 5 11 | 16 39 | 4 24 | 10 57 | 0 44 | 6 30 | 1 25 | 15 39 | 1 9 | 1 39 | 1 31 | 12 31 | 2 14 | 6 45 | 0 49 | 7 48 | 0 43 | 20 34 | 0 20 | 3 18 | 3 13 | 15 27 | 17 58 | 4 53 |
| W10 | 4 48 | 14 15 | 3 30 | 11 0 | 0 27 | 6 1 | 1 25 | 15 27 | 1 10 | 1 42 | 1 31 | 12 33 | 2 14 | 6 46 | 0 49 | 7 47 | 0 43 | 20 33 | 0 20 | 3 18 | 3 15 | 15 26 | 17 58 | 4 53 |
| T 11 | 4 26 | 10 53 | 2 22 | 10 59 | 0 11 | 5 32 | 1 25 | 15 15 | 1 10 | 1 45 | 1 31 | 12 35 | 2 14 | 6 47 | 0 49 | 7 46 | 0 43 | 20 33 | 0 20 | 3 18 | 3 16 | 15 25 | 17 57 | 4 54 |
| F 12 | 4 3 | 6 49 | 1 4 | 10 55 | 0n 5 | 5 3 | 1 25 | 15 3 | 1 10 | 1 48 | 1 31 | 12 37 | 2 14 | 6 48 | 0 49 | 7 45 | 0 43 | 20 33 | 0 20 | 3 18 | 3 17 | 15 24 | 17 57 | 4 54 |
| S 13 | 3 40 | 2 23 | 0n17 | 10 47 | 0 19 | 4 34 | 1 25 | 14 51 | 1 11 | 1 52 | 1 32 | 12 39 | 2 13 | 6 49 | 0 49 | 7 44 | 0 43 | 20 33 | 0 20 | 3 18 | 3 18 | 15 23 | 17 56 | 4 55 |
| S 14 | 3 17 | 2s 7 | 1 35 | 10 35 | 0 33 | 4 4 | 1 25 | 14 38 | 1 11 | 1 55 | 1 32 | 12 41 | 2 13 | 6 50 | 0 49 | 7 44 | 0 43 | 20 33 | 0 20 | 3 18 | 3 20 | 15 22 | 17 56 | 4 55 |
| M15 | 2 54 | 6 23 | 2 46 | 10 20 | 0 45 | 3 35 | 1 25 | 14 26 | 1 11 | 1 58 | 1 32 | 12 42 | 2 13 | 6 51 | 0 49 | 7 43 | 0 43 | 20 33 | 0 20 | 3 18 | 3 21 | 15 21 | 17 56 | 4 56 |
| T 16 | 2 31 | 10 11 | 3 45 | 10 1 | 0 56 | 3 5 | 1 24 | 14 14 | 1 12 | 2 1 | 1 32 | 12 44 | 2 13 | 6 51 | 0 49 | 7 42 | 0 43 | 20 33 | 0 20 | 3 18 | 3 22 | 15 20 | 17 55 | 4 56 |
| W17 | 2 8 | 13 21 | 4 31 | 9 39 | 1 7 | 2 35 | 1 24 | 14 1 | 1 12 | 2 4 | 1 32 | 12 46 | 2 13 | 6 52 | 0 49 | 7 41 | 0 43 | 20 33 | 0 20 | 3 19 | 3 23 | 15 19 | 17 55 | 4 56 |
| T 18 | 1 45 | 15 46 | 5 1 | 9 14 | 1 16 | 2 5 | 1 24 | 13 49 | 1 12 | 2 8 | 1 32 | 12 48 | 2 13 | 6 53 | 0 49 | 7 40 | 0 43 | 20 32 | 0 20 | 3 19 | 3 25 | 15 18 | 17 55 | 4 57 |
| F 19 | 1 22 | 17 21 | 5 16 | 8 45 | 1 24 | 1 35 | 1 23 | 13 36 | 1 12 | 2 11 | 1 32 | 12 50 | 2 12 | 6 54 | 0 49 | 7 39 | 0 43 | 20 32 | 0 20 | 3 19 | 3 26 | 15 17 | 17 54 | 4 57 |
| S 20 | 0 59 | 18 6 | 5 16 | 8 14 | 1 30 | 1 5 | 1 23 | 13 23 | 1 13 | 2 14 | 1 32 | 12 52 | 2 12 | 6 55 | 0 49 | 7 39 | 0 43 | 20 32 | 0 20 | 3 19 | 3 27 | 15 16 | 17 54 | 4 58 |
| S 21 | 0 36 | 18 1 | 5 2 | 7 41 | 1 36 | 0 35 | 1 22 | 13 10 | 1 13 | 2 17 | 1 32 | 12 54 | 2 12 | 6 56 | 0 49 | 7 38 | 0 43 | 20 32 | 0 20 | 3 19 | 3 28 | 15 15 | 17 53 | 4 58 |
| M22 | 0 13 | 17 7 | 4 35 | 7 5 | 1 41 | 0 5 | 1 21 | 12 57 | 1 13 | 2 20 | 1 32 | 12 56 | 2 12 | 6 57 | 0 49 | 7 37 | 0 43 | 20 32 | 0 20 | 3 19 | 3 30 | 15 14 | 17 53 | 4 59 |
| T 23 | 0s10 | 15 30 | 3 57 | 6 27 | 1 45 | 0s25 | 1 21 | 12 44 | 1 14 | 2 24 | 1 32 | 12 58 | 2 12 | 6 58 | 0 49 | 7 36 | 0 43 | 20 32 | 0 20 | 3 18 | 3 31 | 15 13 | 17 52 | 4 59 |
| W24 | 0 34 | 13 12 | 3 8 | 5 48 | 1 47 | 0 56 | 1 20 | 12 31 | 1 14 | 2 27 | 1 32 | 13 0 | 2 12 | 6 58 | 0 49 | 7 35 | 0 43 | 20 32 | 0 20 | 3 18 | 3 32 | 15 12 | 17 52 | 5 0 |
| T 25 | 0 57 | 10 20 | 2 11 | 5 6 | 1 49 | 1 26 | 1 19 | 12 18 | 1 14 | 2 30 | 1 32 | 13 2 | 2 12 | 6 59 | 0 49 | 7 35 | 0 43 | 20 32 | 0 20 | 3 17 | 3 33 | 15 11 | 17 51 | 5 0 |
| F 26 | 1 20 | 7 0 | 1 8 | 4 24 | 1 50 | 1 56 | 1 18 | 12 5 | 1 14 | 2 33 | 1 32 | 13 4 | 2 11 | 7 0 | 0 49 | 7 34 | 0 43 | 20 32 | 0 19 | 3 17 | 3 35 | 15 10 | 17 51 | 5 0 |
| S 27 | 1 43 | 3 20 | 0 1 | 3 40 | 1 50 | 2 26 | 1 17 | 11 52 | 1 15 | 2 36 | 1 32 | 13 6 | 2 11 | 7 1 | 0 49 | 7 33 | 0 43 | 20 32 | 0 19 | 3 17 | 3 36 | 15 9 | 17 51 | 5 1 |
| S 28 | 2 7 | 0n33 | 1s 8 | 2 56 | 1 50 | 2 56 | 1 16 | 11 39 | 1 15 | 2 39 | 1 32 | 13 8 | 2 11 | 7 2 | 0 49 | 7 32 | 0 43 | 20 32 | 0 19 | 3 17 | 3 37 | 15 8 | 17 50 | 5 1 |
| M29 | 2 30 | 4 29 | 2 14 | 2 10 | 1 49 | 3 26 | 1 15 | 11 26 | 1 15 | 2 42 | 1 32 | 13 10 | 2 11 | 7 3 | 0 49 | 7 32 | 0 43 | 20 31 | 0 19 | 3 18 | 3 38 | 15 7 | 17 50 | 5 2 |
| T 30 | 2s53 | 8n16 | 3s14 | 1n25 | 1n47 | 3s56 | 1n14 | 11n12 | 1n16 | 2s45 | 1s32 | 13s12 | 2n11 | 7s 3 | 0s49 | 7n31 | 0n43 | 20n31 | 0s19 | 3n18 | 3n40 | 15s 6 | 17n49 | 5s 2 |

Julian Day Number = 2607016.5, Delta T = 09m53s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'30, Lahiri = 29°48'31


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## OCTOBER 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 40 27 | 8♎15'18 | 12♉44 | 2♎25 | 14♎ 8 | 4♍36 | 26°R29 | 11♏44 | 13°R54 | 12♍33 | 26♋20 | 21°R37 | 20♍41 | 6♒42 | 17°R57 | W 1 |
| T 2 | 0 44 24 | 9°14'03 | 26° 5 | 4°15 | 15°23 | 5°13 | 26♓21 | 11°50 | 13♓52 | 12°35 | 26°20 | 21♍34 | 20°38 | 6°48 | 17♊56 | T 2 |
| F 3 | 0 48 20 | 10°12'50 | 9♊40 | 6° 5 | 16°37 | 5°51 | 26°13 | 11°57 | 13°50 | 12°37 | 26°21 | 21°32 | 20°35 | 6°55 | 17°56 | F 3 |
| S 4 | 0 52 17 | 11°11'40 | 23°27 | 7°55 | 17°52 | 6°28 | 26° 6 | 12° 3 | 13°48 | 12°39 | 26°21 | 21°30 | 20°32 | 7° 2 | 17°55 | S 4 |
| S 5 | 0 56 13 | 12°10'32 | 7♋25 | 9°44 | 19° 7 | 7° 6 | 25°59 | 12°10 | 13°46 | 12°41 | 26°22 | 21°D29 | 20°29 | 7° 8 | 17°54 | S 5 |
| M 6 | 1 0 10 | 13° 9'26 | 21°32 | 11°32 | 20°22 | 7°43 | 25°51 | 12°16 | 13°44 | 12°43 | 26°22 | 21°30 | 20°26 | 7°15 | 17°54 | M 6 |
| T 7 | 1 4 7 | 14° 8'23 | 5♌48 | 13°19 | 21°36 | 8°20 | 25°44 | 12°23 | 13°42 | 12°45 | 26°23 | 21°30 | 20°22 | 7°22 | 17°53 | T 7 |
| W 8 | 1 8 3 | 15° 7'21 | 20° 9 | 15° 6 | 22°51 | 8°58 | 25°37 | 12°30 | 13°40 | 12°47 | 26°23 | 21°32 | 20°19 | 7°28 | 17°52 | W 8 |
| T 9 | 1 12 0 | 16° 6'22 | 4♍33 | 16°52 | 24° 6 | 9°35 | 25°30 | 12°36 | 13°38 | 12°49 | 26°24 | 21°33 | 20°16 | 7°35 | 17°51 | T 9 |
| F 10 | 1 15 56 | 17° 5'26 | 18°55 | 18°37 | 25°21 | 10°12 | 25°23 | 12°43 | 13°36 | 12°50 | 26°24 | 21°R34 | 20°13 | 7°42 | 17°50 | F 10 |
| S 11 | 1 19 53 | 18° 4'31 | 3♎12 | 20°21 | 26°35 | 10°49 | 25°16 | 12°50 | 13°34 | 12°52 | 26°25 | 21°34 | 20°10 | 7°49 | 17°49 | S 11 |
| S 12 | 1 23 49 | 19° 3'38 | 17°19 | 22° 4 | 27°50 | 11°27 | 25°10 | 12°57 | 13°32 | 12°54 | 26°25 | 21°32 | 20° 6 | 7°55 | 17°47 | S 12 |
| M13 | 1 27 46 | 20° 2'48 | 1♏11 | 23°47 | 29° 5 | 12° 4 | 25° 3 | 13° 4 | 13°31 | 12°56 | 26°25 | 21°29 | 20° 3 | 8° 2 | 17°46 | M13 |
| T 14 | 1 31 42 | 21° 1'59 | 14°44 | 25°28 | 0♏20 | 12°41 | 24°57 | 13°10 | 13°29 | 12°58 | 26°26 | 21°24 | 20° 0 | 8° 9 | 17°45 | T 14 |
| W15 | 1 35 39 | 22° 1'13 | 27°57 | 27° 9 | 1°34 | 13°18 | 24°50 | 13°17 | 13°27 | 13° 0 | 26°26 | 21°19 | 19°57 | 8°15 | 17°43 | W15 |
| T 16 | 1 39 35 | 23° 0'28 | 10♐50 | 28°49 | 2°49 | 13°55 | 24°44 | 13°24 | 13°26 | 13° 2 | 26°26 | 21°14 | 19°54 | 8°22 | 17°42 | T 16 |
| F 17 | 1 43 32 | 23°59'45 | 23°23 | 0♏29 | 4° 4 | 14°32 | 24°38 | 13°31 | 13°24 | 13° 3 | 26°27 | 21°10 | 19°51 | 8°29 | 17°40 | F 17 |
| S 18 | 1 47 29 | 24°59'04 | 5♑39 | 2° 7 | 5°19 | 15° 9 | 24°32 | 13°38 | 13°22 | 13° 5 | 26°27 | 21° 6 | 19°47 | 8°35 | 17°39 | S 18 |
| S 19 | 1 51 25 | 25°58'25 | 17°41 | 3°45 | 6°34 | 15°46 | 24°27 | 13°45 | 13°21 | 13° 7 | 26°27 | 21° 5 | 19°44 | 8°42 | 17°37 | S 19 |
| M20 | 1 55 22 | 26°57'47 | 29°36 | 5°23 | 7°48 | 16°23 | 24°21 | 13°52 | 13°19 | 13° 9 | 26°27 | 21°D 4 | 19°41 | 8°49 | 17°35 | M20 |
| T 21 | 1 59 18 | 27°57'11 | 11♒26 | 6°59 | 9° 3 | 17° 0 | 24°16 | 13°59 | 13°18 | 13°10 | 26°27 | 21° 5 | 19°38 | 8°55 | 17°33 | T 21 |
| W22 | 2 3 15 | 28°56'37 | 23°18 | 8°35 | 10°18 | 17°37 | 24°10 | 14° 6 | 13°16 | 13°12 | 26°28 | 21° 7 | 19°35 | 9° 2 | 17°31 | W22 |
| T 23 | 2 7 11 | 29°56'05 | 5♓16 | 10°10 | 11°33 | 18°13 | 24° 5 | 14°13 | 13°15 | 13°14 | 26°28 | 21° 8 | 19°32 | 9° 9 | 17°30 | T 23 |
| F 24 | 2 11 8 | 0♏55'34 | 17°24 | 11°44 | 12°48 | 18°50 | 24° 0 | 14°20 | 13°13 | 13°15 | 26°28 | 21°R 9 | 19°28 | 9°15 | 17°27 | F 24 |
| S 25 | 2 15 4 | 1°55'05 | 29°47 | 13°18 | 14° 2 | 19°27 | 23°56 | 14°27 | 13°12 | 13°17 | 26°28 | 21° 9 | 19°25 | 9°22 | 17°25 | S 25 |
| S 26 | 2 19 1 | 2°54'39 | 12♈28 | 14°51 | 15°17 | 20° 4 | 23°51 | 14°35 | 13°11 | 13°18 | 26°28 | 21° 7 | 19°22 | 9°29 | 17°23 | S 26 |
| M27 | 2 22 58 | 3°54'13 | 25°26 | 16°24 | 16°32 | 20°40 | 23°47 | 14°42 | 13°10 | 13°20 | 26°R28 | 21° 3 | 19°19 | 9°35 | 17°21 | M27 |
| T 28 | 2 26 54 | 4°53'50 | 8♉44 | 17°56 | 17°47 | 21°17 | 23°42 | 14°49 | 13° 8 | 13°22 | 26°28 | 20°57 | 19°16 | 9°42 | 17°19 | T 28 |
| W29 | 2 30 51 | 5°53'29 | 22°18 | 19°27 | 19° 2 | 21°54 | 23°38 | 14°56 | 13° 7 | 13°23 | 26°28 | 20°50 | 19°12 | 9°49 | 17°17 | W29 |
| T 30 | 2 34 47 | 6°53'10 | 6♊ 7 | 20°58 | 20°16 | 22°30 | 23°35 | 15° 3 | 13° 6 | 13°25 | 26°28 | 20°42 | 19° 9 | 9°55 | 17°14 | T 30 |
| F 31 | 2 38 44 | 7♏52'53 | 20♊ 6 | 22♏29 | 21♏31 | 23♍ 7 | 23♓31 | 15♏10 | 13♓ 5 | 13♍26 | 26♋28 | 20♍34 | 19♍ 6 | 10♒ 2 | 17♊12 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s16 | 11n43 | 4s 6 | 0n38 | 1n44 | 4s26 | 1n13 | 10n59 | 1n16 | 2s48 | 1s32 | 13s15 | 2n11 | 7s 4 | 0s49 | 7n30 | 0n43 | 20n31 | 0s19 | 3n19 | 3n41 | 15s 5 | 17n49 | 5s 3 |
| T 2 | 3 39 | 14 37 | 4 45 | 0s 8 | 1 41 | 4 56 | 1 12 | 10 45 | 1 16 | 2 51 | 1 32 | 13 17 | 2 11 | 7 5 | 0 49 | 7 29 | 0 43 | 20 31 | 0 19 | 3 20 | 3 42 | 15 4 | 17 48 | 5 3 |
| F 3 | 4 2 | 16 45 | 5 9 | 0 55 | 1 38 | 5 26 | 1 11 | 10 32 | 1 16 | 2 54 | 1 32 | 13 19 | 2 10 | 7 6 | 0 49 | 7 28 | 0 43 | 20 31 | 0 19 | 3 21 | 3 43 | 15 3 | 17 48 | 5 4 |
| S 4 | 4 25 | 17 58 | 5 15 | 1 42 | 1 34 | 5 56 | 1 9 | 10 18 | 1 17 | 2 57 | 1 32 | 13 21 | 2 10 | 7 7 | 0 49 | 7 28 | 0 43 | 20 31 | 0 19 | 3 22 | 3 45 | 15 2 | 17 47 | 5 4 |
| S 5 | 4 48 | 18 8 | 5 3 | 2 28 | 1 30 | 6 25 | 1 8 | 10 5 | 1 17 | 3 0 | 1 32 | 13 23 | 2 10 | 7 7 | 0 49 | 7 27 | 0 43 | 20 31 | 0 19 | 3 22 | 3 46 | 15 1 | 17 47 | 5 4 |
| M 6 | 5 11 | 17 10 | 4 33 | 3 15 | 1 25 | 6 55 | 1 6 | 9 51 | 1 17 | 3 3 | 1 32 | 13 25 | 2 10 | 7 8 | 0 49 | 7 26 | 0 43 | 20 31 | 0 19 | 3 22 | 3 47 | 15 0 | 17 46 | 5 5 |
| T 7 | 5 34 | 15 7 | 3 46 | 4 1 | 1 20 | 7 24 | 1 5 | 9 37 | 1 17 | 3 6 | 1 32 | 13 27 | 2 10 | 7 9 | 0 49 | 7 25 | 0 43 | 20 31 | 0 19 | 3 22 | 3 48 | 14 59 | 17 46 | 5 5 |
| W 8 | 5 57 | 12 8 | 2 44 | 4 47 | 1 15 | 7 53 | 1 3 | 9 23 | 1 18 | 3 8 | 1 32 | 13 29 | 2 10 | 7 10 | 0 49 | 7 25 | 0 43 | 20 31 | 0 19 | 3 21 | 3 50 | 14 58 | 17 45 | 5 6 |
| T 9 | 6 19 | 8 23 | 1 32 | 5 33 | 1 9 | 8 22 | 1 2 | 9 10 | 1 18 | 3 11 | 1 32 | 13 31 | 2 10 | 7 10 | 0 49 | 7 24 | 0 43 | 20 31 | 0 19 | 3 21 | 3 51 | 14 57 | 17 45 | 5 6 |
| F 10 | 6 42 | 4 9 | 0 15 | 6 18 | 1 3 | 8 51 | 1 0 | 8 56 | 1 18 | 3 14 | 1 31 | 13 33 | 2 10 | 7 11 | 0 49 | 7 23 | 0 43 | 20 31 | 0 19 | 3 20 | 3 52 | 14 56 | 17 44 | 5 7 |
| S 11 | 7 4 | 0s18 | 1n 4 | 7 3 | 0 57 | 9 20 | 0 58 | 8 42 | 1 18 | 3 16 | 1 31 | 13 36 | 2 9 | 7 12 | 0 49 | 7 23 | 0 43 | 20 31 | 0 19 | 3 20 | 3 53 | 14 55 | 17 44 | 5 7 |
| S 12 | 7 27 | 4 41 | 2 17 | 7 47 | 0 51 | 9 48 | 0 56 | 8 28 | 1 19 | 3 19 | 1 31 | 13 38 | 2 9 | 7 12 | 0 49 | 7 22 | 0 43 | 20 31 | 0 19 | 3 21 | 3 55 | 14 54 | 17 43 | 5 7 |
| M13 | 7 49 | 8 43 | 3 20 | 8 31 | 0 45 | 10 16 | 0 55 | 8 14 | 1 19 | 3 21 | 1 31 | 13 40 | 2 9 | 7 13 | 0 49 | 7 21 | 0 43 | 20 31 | 0 19 | 3 22 | 3 56 | 14 53 | 17 43 | 5 8 |
| T 14 | 8 11 | 12 13 | 4 11 | 9 14 | 0 39 | 10 44 | 0 53 | 8 0 | 1 19 | 3 24 | 1 31 | 13 42 | 2 9 | 7 14 | 0 49 | 7 21 | 0 43 | 20 31 | 0 18 | 3 24 | 3 57 | 14 52 | 17 42 | 5 8 |
| W15 | 8 33 | 15 0 | 4 47 | 9 56 | 0 32 | 11 12 | 0 51 | 7 46 | 1 19 | 3 26 | 1 31 | 13 44 | 2 9 | 7 14 | 0 49 | 7 20 | 0 43 | 20 31 | 0 18 | 3 26 | 3 58 | 14 51 | 17 41 | 5 9 |
| T 16 | 8 55 | 16 57 | 5 7 | 10 38 | 0 25 | 11 39 | 0 49 | 7 32 | 1 20 | 3 29 | 1 31 | 13 46 | 2 9 | 7 15 | 0 49 | 7 19 | 0 43 | 20 31 | 0 18 | 3 28 | 4 0 | 14 50 | 17 41 | 5 9 |
| F 17 | 9 17 | 18 1 | 5 12 | 11 19 | 0 19 | 12 6 | 0 47 | 7 18 | 1 20 | 3 31 | 1 31 | 13 48 | 2 9 | 7 15 | 0 49 | 7 19 | 0 43 | 20 31 | 0 18 | 3 30 | 4 1 | 14 49 | 17 40 | 5 10 |
| S 18 | 9 39 | 18 14 | 5 2 | 12 0 | 0 12 | 12 33 | 0 45 | 7 4 | 1 20 | 3 33 | 1 31 | 13 51 | 2 9 | 7 16 | 0 48 | 7 18 | 0 43 | 20 31 | 0 18 | 3 31 | 4 2 | 14 48 | 17 40 | 5 10 |
| S 19 | 10 1 | 17 36 | 4 39 | 12 40 | 0 5 | 13 0 | 0 43 | 6 50 | 1 20 | 3 35 | 1 30 | 13 53 | 2 9 | 7 17 | 0 48 | 7 17 | 0 43 | 20 31 | 0 18 | 3 32 | 4 3 | 14 46 | 17 39 | 5 10 |
| M20 | 10 22 | 16 12 | 4 5 | 13 19 | 0s 2 | 13 26 | 0 41 | 6 36 | 1 20 | 3 37 | 1 30 | 13 55 | 2 9 | 7 17 | 0 48 | 7 17 | 0 43 | 20 31 | 0 18 | 3 32 | 4 5 | 14 45 | 17 39 | 5 11 |
| T 21 | 10 43 | 14 7 | 3 20 | 13 57 | 0 9 | 13 52 | 0 39 | 6 22 | 1 21 | 3 39 | 1 30 | 13 57 | 2 9 | 7 18 | 0 48 | 7 16 | 0 43 | 20 31 | 0 18 | 3 32 | 4 6 | 14 44 | 17 38 | 5 11 |
| W22 | 11 4 | 11 25 | 2 26 | 14 35 | 0 16 | 14 18 | 0 37 | 6 8 | 1 21 | 3 41 | 1 30 | 13 59 | 2 9 | 7 18 | 0 48 | 7 15 | 0 43 | 20 31 | 0 18 | 3 31 | 4 7 | 14 43 | 17 38 | 5 12 |
| T 23 | 11 25 | 8 14 | 1 26 | 15 11 | 0 23 | 14 43 | 0 34 | 5 53 | 1 21 | 3 43 | 1 30 | 14 1 | 2 8 | 7 19 | 0 48 | 7 15 | 0 44 | 20 31 | 0 18 | 3 30 | 4 8 | 14 42 | 17 37 | 5 12 |
| F 24 | 11 46 | 4 39 | 0 20 | 15 47 | 0 30 | 15 8 | 0 32 | 5 39 | 1 21 | 3 45 | 1 30 | 14 3 | 2 8 | 7 19 | 0 48 | 7 14 | 0 44 | 20 31 | 0 18 | 3 30 | 4 9 | 14 41 | 17 36 | 5 12 |
| S 25 | 12 7 | 0 48 | 0s47 | 16 23 | 0 37 | 15 32 | 0 30 | 5 25 | 1 22 | 3 46 | 1 29 | 14 6 | 2 8 | 7 20 | 0 48 | 7 14 | 0 44 | 20 31 | 0 18 | 3 30 | 4 11 | 14 40 | 17 36 | 5 13 |
| S 26 | 12 27 | 3n11 | 1 53 | 16 57 | 0 43 | 15 56 | 0 28 | 5 11 | 1 22 | 3 48 | 1 29 | 14 8 | 2 8 | 7 20 | 0 48 | 7 13 | 0 44 | 20 31 | 0 18 | 3 31 | 4 12 | 14 39 | 17 35 | 5 13 |
| M27 | 12 47 | 7 6 | 2 55 | 17 30 | 0 50 | 16 20 | 0 25 | 4 57 | 1 22 | 3 50 | 1 29 | 14 10 | 2 8 | 7 21 | 0 48 | 7 12 | 0 44 | 20 31 | 0 18 | 3 32 | 4 13 | 14 38 | 17 35 | 5 13 |
| T 28 | 13 7 | 10 46 | 3 49 | 18 3 | 0 57 | 16 43 | 0 23 | 4 43 | 1 22 | 3 51 | 1 29 | 14 12 | 2 8 | 7 21 | 0 48 | 7 12 | 0 44 | 20 31 | 0 18 | 3 35 | 4 14 | 14 37 | 17 34 | 5 14 |
| W29 | 13 27 | 13 56 | 4 31 | 18 34 | 1 3 | 17 6 | 0 21 | 4 28 | 1 22 | 3 53 | 1 29 | 14 14 | 2 8 | 7 22 | 0 48 | 7 11 | 0 44 | 20 31 | 0 18 | 3 38 | 4 16 | 14 36 | 17 34 | 5 14 |
| T 30 | 13 47 | 16 23 | 4 58 | 19 5 | 1 10 | 17 29 | 0 18 | 4 14 | 1 23 | 3 54 | 1 28 | 14 16 | 2 8 | 7 22 | 0 48 | 7 11 | 0 44 | 20 31 | 0 18 | 3 41 | 4 17 | 14 35 | 17 33 | 5 15 |
| F 31 | 14s 6 | 17n54 | 5s 8 | 19s34 | 1s16 | 17s51 | 0n16 | 4n 0 | 1n23 | 3s55 | 1s28 | 14s18 | 2n 8 | 7s22 | 0s48 | 7n10 | 0n44 | 20n31 | 0s18 | 3n44 | 4n18 | 14s33 | 17n33 | 5s15 |

Julian Day Number = 2607046.5, Delta T = 09m54s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'34, Lahiri = 29°48'35


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## NOVEMBER 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 42 40 | 8♏52'39 | 4♋13 | 23♏58 | 22♏46 | 23♍43 | 23°R27 | 15♏18 | 13°R 4 | 13♍27 | 26°R28 | 20°R28 | 19♍ 3 | 10♒ 9 | 17°R 9 | S 1 |
| S 2 | 2 46 37 | 9°52'26 | 18°22 | 25°27 | 24° 1 | 24°20 | 23♓24 | 15°25 | 13♓ 3 | 13°29 | 26♋27 | 20♍24 | 19° 0 | 10°15 | 17♊ 7 | S 2 |
| M 3 | 2 50 33 | 10°52'16 | 2♌32 | 26°56 | 25°16 | 24°56 | 23°21 | 15°32 | 13° 2 | 13°30 | 26°27 | 20°22 | 18°57 | 10°22 | 17° 4 | M 3 |
| T 4 | 2 54 30 | 11°52'08 | 16°40 | 28°24 | 26°30 | 25°32 | 23°18 | 15°39 | 13° 1 | 13°32 | 26°27 | 20°D22 | 18°53 | 10°29 | 17° 2 | T 4 |
| W 5 | 2 58 27 | 12°52'02 | 0♍46 | 29°51 | 27°45 | 26° 9 | 23°15 | 15°46 | 13° 0 | 13°33 | 26°27 | 20°23 | 18°50 | 10°35 | 16°59 | W 5 |
| T 6 | 3 2 23 | 13°51'59 | 14°47 | 1♐18 | 29° 0 | 26°45 | 23°13 | 15°54 | 12°59 | 13°34 | 26°27 | 20°R24 | 18°47 | 10°42 | 16°56 | T 6 |
| F 7 | 3 6 20 | 14°51'57 | 28°43 | 2°44 | 0♐15 | 27°21 | 23°11 | 16° 1 | 12°59 | 13°36 | 26°26 | 20°23 | 18°44 | 10°49 | 16°54 | F 7 |
| S 8 | 3 10 16 | 15°51'58 | 12♎33 | 4° 9 | 1°30 | 27°58 | 23° 9 | 16° 8 | 12°58 | 13°37 | 26°26 | 20°21 | 18°41 | 10°55 | 16°51 | S 8 |
| S 9 | 3 14 13 | 16°52'00 | 26°14 | 5°34 | 2°44 | 28°34 | 23° 7 | 16°15 | 12°57 | 13°38 | 26°26 | 20°17 | 18°38 | 11° 2 | 16°48 | S 9 |
| M10 | 3 18 9 | 17°52'05 | 9♏45 | 6°58 | 3°59 | 29°10 | 23° 5 | 16°23 | 12°57 | 13°39 | 26°25 | 20° 9 | 18°34 | 11° 9 | 16°45 | M10 |
| T 11 | 3 22 6 | 18°52'11 | 23° 1 | 8°21 | 5°14 | 29°46 | 23° 3 | 16°30 | 12°56 | 13°40 | 26°25 | 20° 0 | 18°31 | 11°15 | 16°42 | T 11 |
| W12 | 3 26 2 | 19°52'20 | 6♐ 3 | 9°43 | 6°29 | 0♎22 | 23° 2 | 16°37 | 12°56 | 13°42 | 26°25 | 19°49 | 18°28 | 11°22 | 16°39 | W12 |
| T 13 | 3 29 59 | 20°52'30 | 18°48 | 11° 4 | 7°44 | 0°58 | 23° 1 | 16°44 | 12°55 | 13°43 | 26°24 | 19°37 | 18°25 | 11°29 | 16°36 | T 13 |
| F 14 | 3 33 56 | 21°52'41 | 1♑17 | 12°25 | 8°59 | 1°34 | 23° 0 | 16°52 | 12°55 | 13°44 | 26°24 | 19°27 | 18°22 | 11°36 | 16°33 | F 14 |
| S 15 | 3 37 52 | 22°52'55 | 13°31 | 13°44 | 10°13 | 2°10 | 22°59 | 16°59 | 12°54 | 13°45 | 26°23 | 19°18 | 18°18 | 11°42 | 16°30 | S 15 |
| S 16 | 3 41 49 | 23°53'10 | 25°32 | 15° 1 | 11°28 | 2°46 | 22°59 | 17° 6 | 12°54 | 13°46 | 26°23 | 19°12 | 18°15 | 11°49 | 16°27 | S 16 |
| M17 | 3 45 45 | 24°53'26 | 7♒25 | 16°18 | 12°43 | 3°22 | 22°59 | 17°13 | 12°54 | 13°47 | 26°23 | 19° 8 | 18°12 | 11°56 | 16°24 | M17 |
| T 18 | 3 49 42 | 25°53'44 | 19°14 | 17°33 | 13°58 | 3°58 | 22°D59 | 17°20 | 12°54 | 13°48 | 26°22 | 19° 6 | 18° 9 | 12° 2 | 16°20 | T 18 |
| W19 | 3 53 38 | 26°54'03 | 1♓ 4 | 18°46 | 15°13 | 4°33 | 22°59 | 17°28 | 12°53 | 13°49 | 26°21 | 19°D 6 | 18° 6 | 12° 9 | 16°17 | W19 |
| T 20 | 3 57 35 | 27°54'23 | 13° 1 | 19°57 | 16°27 | 5° 9 | 22°59 | 17°35 | 12°53 | 13°50 | 26°21 | 19°R 6 | 18° 3 | 12°16 | 16°14 | T 20 |
| F 21 | 4 1 31 | 28°54'45 | 25°10 | 21° 6 | 17°42 | 5°45 | 23° 0 | 17°42 | 12°53 | 13°50 | 26°20 | 19° 6 | 17°59 | 12°22 | 16°11 | F 21 |
| S 22 | 4 5 28 | 29°55'09 | 7♈36 | 22°12 | 18°57 | 6°20 | 23° 1 | 17°49 | 12°D53 | 13°51 | 26°20 | 19° 5 | 17°56 | 12°29 | 16° 7 | S 22 |
| S 23 | 4 9 25 | 0♐55'33 | 20°23 | 23°16 | 20°12 | 6°56 | 23° 2 | 17°56 | 12°53 | 13°52 | 26°19 | 19° 1 | 17°53 | 12°36 | 16° 4 | S 23 |
| M24 | 4 13 21 | 1°55'59 | 3♉33 | 24°17 | 21°27 | 7°32 | 23° 3 | 18° 3 | 12°53 | 13°53 | 26°18 | 18°54 | 17°50 | 12°42 | 16° 1 | M24 |
| T 25 | 4 17 18 | 2°56'27 | 17° 8 | 25°14 | 22°41 | 8° 7 | 23° 4 | 18°10 | 12°53 | 13°54 | 26°18 | 18°45 | 17°47 | 12°49 | 15°57 | T 25 |
| W26 | 4 21 14 | 3°56'56 | 1♊ 6 | 26° 6 | 23°56 | 8°43 | 23° 6 | 18°17 | 12°54 | 13°54 | 26°17 | 18°34 | 17°43 | 12°56 | 15°54 | W26 |
| T 27 | 4 25 11 | 4°57'26 | 15°22 | 26°55 | 25°11 | 9°18 | 23° 8 | 18°24 | 12°54 | 13°55 | 26°16 | 18°22 | 17°40 | 13° 2 | 15°50 | T 27 |
| F 28 | 4 29 7 | 5°57'58 | 29°50 | 27°38 | 26°26 | 9°53 | 23°10 | 18°31 | 12°54 | 13°56 | 26°16 | 18°10 | 17°37 | 13° 9 | 15°47 | F 28 |
| S 29 | 4 33 4 | 6°58'32 | 14♋24 | 28°15 | 27°41 | 10°29 | 23°12 | 18°38 | 12°54 | 13°56 | 26°15 | 18° 1 | 17°34 | 13°16 | 15°43 | S 29 |
| S 30 | 4 37 0 | 7♐59'07 | 28♋56 | 28♐46 | 28♐55 | 11♎ 4 | 23♓14 | 18♏45 | 12♓55 | 13♍57 | 26♋14 | 17♍53 | 17♍31 | 13♒22 | 15♊40 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s25 | 18n20 | 4s59 | 20s 3 | 1s23 | 18s12 | 0n13 | 3n46 | 1n23 | 3s56 | 1s28 | 14s20 | 2n 8 | 7s23 | 0s48 | 7n10 | 0n44 | 20n31 | 0s18 | 3n46 | 4n19 | 14s32 | 17n32 | 5s15 |
| S 2 | 14 44 | 17 38 | 4 32 | 20 31 | 1 29 | 18 33 | 0 11 | 3 31 | 1 23 | 3 57 | 1 28 | 14 23 | 2 8 | 7 23 | 0 48 | 7 9 | 0 44 | 20 32 | 0 17 | 3 48 | 4 21 | 14 31 | 17 31 | 5 16 |
| M 3 | 15 3 | 15 50 | 3 49 | 20 58 | 1 35 | 18 54 | 0 8 | 3 17 | 1 23 | 3 59 | 1 28 | 14 25 | 2 8 | 7 23 | 0 48 | 7 9 | 0 44 | 20 32 | 0 17 | 3 48 | 4 22 | 14 30 | 17 31 | 5 16 |
| T 4 | 15 22 | 13 5 | 2 51 | 21 23 | 1 41 | 19 14 | 0 6 | 3 3 | 1 24 | 3 59 | 1 27 | 14 27 | 2 8 | 7 24 | 0 48 | 7 8 | 0 44 | 20 32 | 0 17 | 3 48 | 4 23 | 14 29 | 17 30 | 5 16 |
| W 5 | 15 40 | 9 34 | 1 44 | 21 48 | 1 46 | 19 33 | 0 3 | 2 49 | 1 24 | 4 0 | 1 27 | 14 29 | 2 8 | 7 24 | 0 48 | 7 8 | 0 44 | 20 32 | 0 17 | 3 48 | 4 24 | 14 28 | 17 30 | 5 17 |
| T 6 | 15 58 | 5 31 | 0 30 | 22 12 | 1 52 | 19 52 | 0 1 | 2 35 | 1 24 | 4 1 | 1 27 | 14 31 | 2 8 | 7 24 | 0 48 | 7 7 | 0 44 | 20 32 | 0 17 | 3 48 | 4 26 | 14 27 | 17 29 | 5 17 |
| F 7 | 16 15 | 1 11 | 0n45 | 22 34 | 1 57 | 20 11 | 0s 2 | 2 20 | 1 24 | 4 2 | 1 27 | 14 33 | 2 8 | 7 24 | 0 48 | 7 7 | 0 44 | 20 32 | 0 17 | 3 48 | 4 27 | 14 26 | 17 29 | 5 17 |
| S 8 | 16 33 | 3s10 | 1 56 | 22 55 | 2 2 | 20 29 | 0 4 | 2 6 | 1 24 | 4 2 | 1 27 | 14 35 | 2 8 | 7 25 | 0 48 | 7 6 | 0 44 | 20 32 | 0 17 | 3 49 | 4 28 | 14 25 | 17 28 | 5 18 |
| S 9 | 16 50 | 7 19 | 3 0 | 23 16 | 2 7 | 20 46 | 0 7 | 1 52 | 1 25 | 4 3 | 1 26 | 14 37 | 2 8 | 7 25 | 0 48 | 7 6 | 0 44 | 20 32 | 0 17 | 3 51 | 4 29 | 14 24 | 17 27 | 5 18 |
| M10 | 17 7 | 11 1 | 3 52 | 23 35 | 2 12 | 21 3 | 0 9 | 1 38 | 1 25 | 4 3 | 1 26 | 14 39 | 2 8 | 7 25 | 0 48 | 7 5 | 0 44 | 20 32 | 0 17 | 3 53 | 4 31 | 14 22 | 17 27 | 5 18 |
| T 11 | 17 24 | 14 6 | 4 31 | 23 53 | 2 16 | 21 19 | 0 12 | 1 24 | 1 25 | 4 4 | 1 26 | 14 41 | 2 8 | 7 25 | 0 48 | 7 5 | 0 44 | 20 32 | 0 17 | 3 57 | 4 32 | 14 21 | 17 26 | 5 18 |
| W12 | 17 40 | 16 25 | 4 55 | 24 10 | 2 20 | 21 34 | 0 14 | 1 9 | 1 25 | 4 4 | 1 26 | 14 43 | 2 8 | 7 25 | 0 48 | 7 5 | 0 44 | 20 33 | 0 17 | 4 1 | 4 33 | 14 20 | 17 26 | 5 19 |
| T 13 | 17 56 | 17 52 | 5 4 | 24 25 | 2 24 | 21 49 | 0 17 | 0 55 | 1 25 | 4 4 | 1 25 | 14 45 | 2 8 | 7 26 | 0 48 | 7 4 | 0 44 | 20 33 | 0 17 | 4 6 | 4 34 | 14 19 | 17 25 | 5 19 |
| F 14 | 18 12 | 18 25 | 4 57 | 24 39 | 2 27 | 22 4 | 0 19 | 0 41 | 1 26 | 4 4 | 1 25 | 14 47 | 2 8 | 7 26 | 0 48 | 7 4 | 0 44 | 20 33 | 0 17 | 4 10 | 4 36 | 14 18 | 17 25 | 5 19 |
| S 15 | 18 27 | 18 6 | 4 37 | 24 52 | 2 30 | 22 17 | 0 22 | 0 27 | 1 26 | 4 5 | 1 25 | 14 49 | 2 8 | 7 26 | 0 48 | 7 3 | 0 44 | 20 33 | 0 17 | 4 13 | 4 37 | 14 17 | 17 24 | 5 20 |
| S 16 | 18 42 | 16 58 | 4 5 | 25 4 | 2 33 | 22 30 | 0 24 | 0 13 | 1 26 | 4 5 | 1 25 | 14 52 | 2 8 | 7 26 | 0 47 | 7 3 | 0 44 | 20 33 | 0 17 | 4 16 | 4 38 | 14 16 | 17 23 | 5 20 |
| M17 | 18 57 | 15 6 | 3 23 | 25 15 | 2 35 | 22 43 | 0 27 | 0s 1 | 1 26 | 4 4 | 1 24 | 14 54 | 2 8 | 7 26 | 0 47 | 7 3 | 0 44 | 20 33 | 0 17 | 4 18 | 4 39 | 14 14 | 17 23 | 5 20 |
| T 18 | 19 11 | 12 36 | 2 32 | 25 24 | 2 37 | 22 54 | 0 29 | 0 15 | 1 26 | 4 4 | 1 24 | 14 56 | 2 8 | 7 26 | 0 47 | 7 2 | 0 44 | 20 33 | 0 17 | 4 18 | 4 40 | 14 13 | 17 22 | 5 20 |
| W19 | 19 25 | 9 36 | 1 35 | 25 32 | 2 38 | 23 5 | 0 32 | 0 29 | 1 26 | 4 4 | 1 24 | 14 57 | 2 8 | 7 26 | 0 47 | 7 2 | 0 44 | 20 34 | 0 17 | 4 18 | 4 42 | 14 12 | 17 22 | 5 21 |
| T 20 | 19 39 | 6 9 | 0 32 | 25 38 | 2 39 | 23 16 | 0 34 | 0 43 | 1 27 | 4 4 | 1 24 | 14 59 | 2 8 | 7 26 | 0 47 | 7 2 | 0 44 | 20 34 | 0 16 | 4 18 | 4 43 | 14 11 | 17 21 | 5 21 |
| F 21 | 19 52 | 2 25 | 0s32 | 25 43 | 2 39 | 23 25 | 0 37 | 0 57 | 1 27 | 4 3 | 1 23 | 15 1 | 2 8 | 7 26 | 0 47 | 7 1 | 0 44 | 20 34 | 0 16 | 4 18 | 4 44 | 14 10 | 17 21 | 5 21 |
| S 22 | 20 5 | 1n31 | 1 37 | 25 47 | 2 38 | 23 34 | 0 39 | 1 11 | 1 27 | 4 3 | 1 23 | 15 3 | 2 8 | 7 26 | 0 47 | 7 1 | 0 44 | 20 34 | 0 16 | 4 19 | 4 45 | 14 9 | 17 20 | 5 21 |
| S 23 | 20 18 | 5 30 | 2 38 | 25 50 | 2 37 | 23 43 | 0 42 | 1 25 | 1 27 | 4 2 | 1 23 | 15 5 | 2 8 | 7 26 | 0 47 | 7 1 | 0 44 | 20 34 | 0 16 | 4 20 | 4 47 | 14 8 | 17 20 | 5 21 |
| M24 | 20 30 | 9 20 | 3 33 | 25 51 | 2 35 | 23 50 | 0 44 | 1 39 | 1 27 | 4 1 | 1 23 | 15 7 | 2 8 | 7 26 | 0 47 | 7 1 | 0 45 | 20 34 | 0 16 | 4 23 | 4 48 | 14 6 | 17 19 | 5 22 |
| T 25 | 20 42 | 12 48 | 4 17 | 25 50 | 2 33 | 23 57 | 0 46 | 1 52 | 1 27 | 4 0 | 1 22 | 15 9 | 2 8 | 7 26 | 0 47 | 7 0 | 0 45 | 20 35 | 0 16 | 4 26 | 4 49 | 14 5 | 17 18 | 5 22 |
| W26 | 20 53 | 15 38 | 4 47 | 25 48 | 2 29 | 24 3 | 0 49 | 2 6 | 1 28 | 4 0 | 1 22 | 15 11 | 2 8 | 7 26 | 0 47 | 7 0 | 0 45 | 20 35 | 0 16 | 4 31 | 4 50 | 14 4 | 17 18 | 5 22 |
| T 27 | 21 4 | 17 36 | 5 1 | 25 45 | 2 24 | 24 9 | 0 51 | 2 20 | 1 28 | 3 59 | 1 22 | 15 13 | 2 8 | 7 26 | 0 47 | 7 0 | 0 45 | 20 35 | 0 16 | 4 35 | 4 52 | 14 3 | 17 17 | 5 22 |
| F 28 | 21 15 | 18 28 | 4 55 | 25 41 | 2 19 | 24 13 | 0 53 | 2 33 | 1 28 | 3 58 | 1 22 | 15 15 | 2 8 | 7 25 | 0 47 | 7 0 | 0 45 | 20 35 | 0 16 | 4 40 | 4 53 | 14 2 | 17 17 | 5 22 |
| S 29 | 21 25 | 18 8 | 4 30 | 25 34 | 2 12 | 24 17 | 0 56 | 2 47 | 1 28 | 3 57 | 1 21 | 15 17 | 2 8 | 7 25 | 0 47 | 7 0 | 0 45 | 20 35 | 0 16 | 4 44 | 4 54 | 14 1 | 17 16 | 5 22 |
| S 30 | 21s35 | 16n36 | 3s48 | 25s27 | 2s 4 | 24s21 | 0s58 | 3s 1 | 1n28 | 3s55 | 1s21 | 15s19 | 2n 8 | 7s25 | 0s47 | 6n59 | 0n45 | 20n36 | 0s16 | 4n47 | 4n55 | 13s59 | 17n16 | 5s23 |

Julian Day Number = 2607077.5, Delta T = 09m54s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'38, Lahiri = 29°48'39


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# ASTRODIENST EPHEMERIS for the year 2425
# geocentric

## DECEMBER 2425 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 40 57 | 8♐59'44 | 13♌22 | 29♐ 9 | 0♑10 | 11♎39 | 23♓17 | 18♏52 | 12♓55 | 13♍57 | 26°R13 | 17°R49 | 17♍28 | 13♒29 | 15°R36 | M 1 |
| T 2 | 4 44 54 | 10° 0'23 | 27°37 | 29°25 | 1°25 | 12°14 | 23°20 | 18°59 | 12°56 | 13°58 | 26♋13 | 17♍47 | 17°24 | 13°36 | 15♊33 | T 2 |
| W 3 | 4 48 50 | 11° 1'03 | 11♍40 | 29°R31 | 2°40 | 12°49 | 23°22 | 19° 6 | 12°56 | 13°58 | 26°12 | 17°47 | 17°21 | 13°42 | 15°29 | W 3 |
| T 4 | 4 52 47 | 12° 1'45 | 25°31 | 29°28 | 3°54 | 13°24 | 23°26 | 19°13 | 12°57 | 13°59 | 26°11 | 17°47 | 17°18 | 13°49 | 15°26 | T 4 |
| F 5 | 4 56 43 | 13° 2'29 | 9♎ 9 | 29°15 | 5° 9 | 13°59 | 23°29 | 19°20 | 12°58 | 13°59 | 26°10 | 17°45 | 17°15 | 13°56 | 15°22 | F 5 |
| S 6 | 5 0 40 | 14° 3'14 | 22°37 | 28°51 | 6°24 | 14°34 | 23°33 | 19°27 | 12°58 | 13°59 | 26° 9 | 17°42 | 17°12 | 14° 2 | 15°19 | S 6 |
| S 7 | 5 4 36 | 15° 4'00 | 5♏54 | 28°15 | 7°39 | 15° 9 | 23°36 | 19°34 | 12°59 | 14° 0 | 26° 8 | 17°36 | 17° 9 | 14° 9 | 15°15 | S 7 |
| M 8 | 5 8 33 | 16° 4'48 | 19° 0 | 27°29 | 8°53 | 15°44 | 23°40 | 19°40 | 13° 0 | 14° 0 | 26° 7 | 17°26 | 17° 5 | 14°16 | 15°12 | M 8 |
| T 9 | 5 12 29 | 17° 5'37 | 1♐55 | 26°33 | 10° 8 | 16°18 | 23°45 | 19°47 | 13° 1 | 14° 0 | 26° 6 | 17°14 | 17° 2 | 14°22 | 15° 8 | T 9 |
| W10 | 5 16 26 | 18° 6'28 | 14°39 | 25°27 | 11°23 | 16°53 | 23°49 | 19°54 | 13° 2 | 14° 0 | 26° 5 | 17° 0 | 16°59 | 14°29 | 15° 5 | W10 |
| T 11 | 5 20 23 | 19° 7'20 | 27°10 | 24°13 | 12°37 | 17°28 | 23°53 | 20° 0 | 13° 3 | 14° 1 | 26° 4 | 16°45 | 16°56 | 14°36 | 15° 1 | T 11 |
| F 12 | 5 24 19 | 20° 8'12 | 9♑30 | 22°54 | 13°52 | 18° 2 | 23°58 | 20° 7 | 13° 4 | 14° 1 | 26° 3 | 16°31 | 16°53 | 14°42 | 14°58 | F 12 |
| S 13 | 5 28 16 | 21° 9'06 | 21°37 | 21°32 | 15° 7 | 18°37 | 24° 3 | 20°14 | 13° 5 | 14° 1 | 26° 2 | 16°20 | 16°49 | 14°49 | 14°54 | S 13 |
| S 14 | 5 32 12 | 22°10'01 | 3♒35 | 20° 9 | 16°22 | 19°11 | 24° 8 | 20°20 | 13° 6 | 14° 1 | 26° 1 | 16°10 | 16°46 | 14°56 | 14°51 | S 14 |
| M15 | 5 36 9 | 23°10'56 | 15°25 | 18°48 | 17°36 | 19°46 | 24°13 | 20°27 | 13° 7 | 14° 1 | 26° 0 | 16° 4 | 16°43 | 15° 2 | 14°47 | M15 |
| T 16 | 5 40 5 | 24°11'52 | 27°12 | 17°33 | 18°51 | 20°20 | 24°19 | 20°33 | 13° 8 | 14°R 1 | 25°59 | 16° 1 | 16°40 | 15° 9 | 14°44 | T 16 |
| W17 | 5 44 2 | 25°12'49 | 9♓ 0 | 16°25 | 20° 6 | 20°54 | 24°25 | 20°39 | 13° 9 | 14° 1 | 25°58 | 15°59 | 16°37 | 15°16 | 14°40 | W17 |
| T 18 | 5 47 58 | 26°13'46 | 20°54 | 15°26 | 21°20 | 21°28 | 24°30 | 20°46 | 13°11 | 14° 1 | 25°57 | 15°59 | 16°34 | 15°22 | 14°37 | T 18 |
| F 19 | 5 51 55 | 27°14'44 | 3♈ 0 | 14°38 | 22°35 | 22° 2 | 24°36 | 20°52 | 13°12 | 14° 1 | 25°56 | 15°59 | 16°30 | 15°29 | 14°33 | F 19 |
| S 20 | 5 55 52 | 28°15'43 | 15°23 | 14° 0 | 23°50 | 22°36 | 24°43 | 20°58 | 13°13 | 14° 1 | 25°55 | 15°58 | 16°27 | 15°36 | 14°30 | S 20 |
| S 21 | 5 59 48 | 29°16'42 | 28° 8 | 13°34 | 25° 4 | 23°10 | 24°49 | 21° 5 | 13°15 | 14° 1 | 25°54 | 15°55 | 16°24 | 15°42 | 14°27 | S 21 |
| M22 | 6 3 45 | 0♑17'41 | 11♉20 | 13°19 | 26°19 | 23°44 | 24°55 | 21°11 | 13°16 | 14° 0 | 25°53 | 15°49 | 16°21 | 15°49 | 14°23 | M22 |
| T 23 | 6 7 41 | 1°18'42 | 25° 0 | 13°D14 | 27°33 | 24°18 | 25° 2 | 21°17 | 13°18 | 14° 0 | 25°52 | 15°41 | 16°18 | 15°56 | 14°20 | T 23 |
| W24 | 6 11 38 | 2°19'42 | 9♊ 8 | 13°20 | 28°48 | 24°52 | 25° 9 | 21°23 | 13°19 | 14° 0 | 25°51 | 15°30 | 16°15 | 16° 2 | 14°16 | W24 |
| T 25 | 6 15 34 | 3°20'43 | 23°41 | 13°34 | 0♒ 2 | 25°25 | 25°16 | 21°29 | 13°21 | 14° 0 | 25°49 | 15°19 | 16°11 | 16° 9 | 14°13 | T 25 |
| F 26 | 6 19 31 | 4°21'45 | 8♋31 | 13°57 | 1°17 | 25°59 | 25°23 | 21°35 | 13°23 | 13°59 | 25°48 | 15° 8 | 16° 8 | 16°16 | 14°10 | F 26 |
| S 27 | 6 23 27 | 5°22'48 | 23°30 | 14°27 | 2°31 | 26°32 | 25°30 | 21°41 | 13°24 | 13°59 | 25°47 | 14°58 | 16° 5 | 16°22 | 14° 7 | S 27 |
| S 28 | 6 27 24 | 6°23'51 | 8♌28 | 15° 5 | 3°46 | 27° 6 | 25°38 | 21°47 | 13°26 | 13°59 | 25°46 | 14°51 | 16° 2 | 16°29 | 14° 3 | S 28 |
| M29 | 6 31 21 | 7°24'54 | 23°18 | 15°48 | 5° 0 | 27°39 | 25°46 | 21°52 | 13°28 | 13°58 | 25°45 | 14°47 | 15°59 | 16°36 | 14° 0 | M29 |
| T 30 | 6 35 17 | 8°25'59 | 7♍52 | 16°37 | 6°15 | 28°12 | 25°53 | 21°58 | 13°30 | 13°58 | 25°43 | 14°45 | 15°55 | 16°42 | 13°57 | T 30 |
| W31 | 6 39 14 | 9♑27'04 | 22♍ 7 | 17♐30 | 7♒29 | 28♎45 | 26♓ 1 | 22♏ 4 | 13♓32 | 13♍57 | 25♋42 | 14°D45 | 15♍52 | 16♒49 | 13♊54 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s45 | 14n 2 | 2s51 | 25s18 | 1s55 | 24s23 | 1s 0 | 3s14 | 1n28 | 3s54 | 1s21 | 15s20 | 2n 8 | 7s25 | 0s47 | 6n59 | 0n45 | 20n36 | 0s16 | 4n48 | 4n57 | 13s58 | 17n15 | 5s23 |
| T 2 | 21 54 | 10 38 | 1 45 | 25 8 | 1 45 | 24 25 | 1 2 | 3 28 | 1 29 | 3 53 | 1 21 | 15 22 | 2 8 | 7 25 | 0 47 | 6 59 | 0 45 | 20 36 | 0 16 | 4 49 | 4 58 | 13 57 | 17 15 | 5 23 |
| W 3 | 22 2 | 6 40 | 0 32 | 24 56 | 1 33 | 24 26 | 1 4 | 3 41 | 1 29 | 3 51 | 1 21 | 15 24 | 2 8 | 7 24 | 0 47 | 6 59 | 0 45 | 20 36 | 0 16 | 4 49 | 4 59 | 13 56 | 17 14 | 5 23 |
| T 4 | 22 11 | 2 24 | 0n41 | 24 43 | 1 20 | 24 26 | 1 7 | 3 55 | 1 29 | 3 50 | 1 20 | 15 26 | 2 8 | 7 24 | 0 47 | 6 59 | 0 45 | 20 36 | 0 16 | 4 49 | 5 0 | 13 55 | 17 14 | 5 23 |
| F 5 | 22 18 | 1s56 | 1 50 | 24 28 | 1 5 | 24 25 | 1 9 | 4 8 | 1 29 | 3 48 | 1 20 | 15 28 | 2 8 | 7 24 | 0 47 | 6 59 | 0 45 | 20 37 | 0 16 | 4 50 | 5 2 | 13 54 | 17 13 | 5 23 |
| S 6 | 22 26 | 6 6 | 2 53 | 24 11 | 0 49 | 24 24 | 1 11 | 4 21 | 1 29 | 3 47 | 1 20 | 15 29 | 2 8 | 7 24 | 0 47 | 6 59 | 0 45 | 20 37 | 0 16 | 4 51 | 5 3 | 13 52 | 17 13 | 5 23 |
| S 7 | 22 33 | 9 55 | 3 45 | 23 53 | 0 31 | 24 22 | 1 13 | 4 35 | 1 29 | 3 45 | 1 20 | 15 31 | 2 8 | 7 23 | 0 47 | 6 58 | 0 45 | 20 37 | 0 15 | 4 53 | 5 4 | 13 51 | 17 12 | 5 24 |
| M 8 | 22 39 | 13 11 | 4 24 | 23 34 | 0 13 | 24 19 | 1 15 | 4 48 | 1 29 | 3 43 | 1 19 | 15 33 | 2 8 | 7 23 | 0 47 | 6 58 | 0 45 | 20 37 | 0 15 | 4 57 | 5 5 | 13 50 | 17 12 | 5 24 |
| T 9 | 22 45 | 15 46 | 4 49 | 23 13 | 0n 7 | 24 16 | 1 16 | 5 1 | 1 30 | 3 41 | 1 19 | 15 35 | 2 8 | 7 23 | 0 47 | 6 58 | 0 45 | 20 38 | 0 15 | 5 2 | 5 6 | 13 49 | 17 11 | 5 24 |
| W10 | 22 51 | 17 32 | 4 59 | 22 51 | 0 27 | 24 12 | 1 18 | 5 14 | 1 30 | 3 39 | 1 19 | 15 36 | 2 9 | 7 22 | 0 47 | 6 58 | 0 45 | 20 38 | 0 15 | 5 7 | 5 8 | 13 48 | 17 11 | 5 24 |
| T 11 | 22 56 | 18 26 | 4 55 | 22 28 | 0 47 | 24 7 | 1 20 | 5 27 | 1 30 | 3 37 | 1 19 | 15 38 | 2 9 | 7 22 | 0 46 | 6 58 | 0 45 | 20 38 | 0 15 | 5 13 | 5 9 | 13 47 | 17 11 | 5 24 |
| F 12 | 23 1 | 18 27 | 4 37 | 22 4 | 1 8 | 24 1 | 1 22 | 5 40 | 1 30 | 3 35 | 1 18 | 15 40 | 2 9 | 7 21 | 0 46 | 6 58 | 0 45 | 20 38 | 0 15 | 5 18 | 5 10 | 13 45 | 17 10 | 5 24 |
| S 13 | 23 5 | 17 36 | 4 6 | 21 40 | 1 27 | 23 55 | 1 23 | 5 53 | 1 30 | 3 33 | 1 18 | 15 41 | 2 9 | 7 21 | 0 46 | 6 58 | 0 45 | 20 38 | 0 15 | 5 23 | 5 11 | 13 44 | 17 10 | 5 24 |
| S 14 | 23 9 | 16 0 | 3 24 | 21 17 | 1 45 | 23 47 | 1 25 | 6 6 | 1 30 | 3 31 | 1 18 | 15 43 | 2 9 | 7 20 | 0 46 | 6 58 | 0 45 | 20 39 | 0 15 | 5 27 | 5 13 | 13 43 | 17 9 | 5 24 |
| M15 | 23 12 | 13 43 | 2 34 | 20 54 | 2 1 | 23 40 | 1 27 | 6 19 | 1 30 | 3 29 | 1 18 | 15 45 | 2 9 | 7 20 | 0 46 | 6 58 | 0 45 | 20 39 | 0 15 | 5 29 | 5 14 | 13 42 | 17 9 | 5 24 |
| T 16 | 23 15 | 10 53 | 1 38 | 20 33 | 2 15 | 23 31 | 1 28 | 6 32 | 1 30 | 3 26 | 1 17 | 15 46 | 2 9 | 7 19 | 0 46 | 6 58 | 0 45 | 20 39 | 0 15 | 5 30 | 5 15 | 13 40 | 17 8 | 5 24 |
| W17 | 23 18 | 7 36 | 0 37 | 20 15 | 2 27 | 23 22 | 1 30 | 6 44 | 1 30 | 3 24 | 1 17 | 15 48 | 2 9 | 7 19 | 0 46 | 6 58 | 0 45 | 20 39 | 0 15 | 5 31 | 5 16 | 13 39 | 17 8 | 5 24 |
| T 18 | 23 20 | 4 0 | 0s26 | 20 0 | 2 37 | 23 12 | 1 31 | 6 57 | 1 31 | 3 21 | 1 17 | 15 49 | 2 9 | 7 18 | 0 46 | 6 58 | 0 45 | 20 40 | 0 15 | 5 31 | 5 18 | 13 38 | 17 8 | 5 24 |
| F 19 | 23 21 | 0 10 | 1 29 | 19 47 | 2 44 | 23 1 | 1 32 | 7 10 | 1 31 | 3 19 | 1 17 | 15 51 | 2 9 | 7 18 | 0 46 | 6 58 | 0 45 | 20 40 | 0 15 | 5 31 | 5 19 | 13 37 | 17 7 | 5 24 |
| S 20 | 23 22 | 3n45 | 2 29 | 19 38 | 2 49 | 22 50 | 1 34 | 7 22 | 1 31 | 3 16 | 1 16 | 15 52 | 2 9 | 7 17 | 0 46 | 6 58 | 0 45 | 20 40 | 0 15 | 5 31 | 5 20 | 13 36 | 17 7 | 5 24 |
| S 21 | 23 23 | 7 36 | 3 24 | 19 32 | 2 52 | 22 37 | 1 35 | 7 34 | 1 31 | 3 13 | 1 16 | 15 54 | 2 10 | 7 17 | 0 46 | 6 59 | 0 45 | 20 41 | 0 15 | 5 33 | 5 21 | 13 34 | 17 7 | 5 24 |
| M22 | 23 23 | 11 14 | 4 10 | 19 29 | 2 53 | 22 25 | 1 36 | 7 47 | 1 31 | 3 11 | 1 16 | 15 55 | 2 10 | 7 16 | 0 46 | 6 59 | 0 46 | 20 41 | 0 15 | 5 35 | 5 22 | 13 33 | 17 6 | 5 24 |
| T 23 | 23 22 | 14 24 | 4 43 | 19 29 | 2 52 | 22 11 | 1 37 | 7 59 | 1 31 | 3 8 | 1 16 | 15 57 | 2 10 | 7 15 | 0 46 | 6 59 | 0 46 | 20 41 | 0 15 | 5 38 | 5 24 | 13 32 | 17 6 | 5 24 |
| W24 | 23 22 | 16 49 | 5 0 | 19 32 | 2 50 | 21 57 | 1 38 | 8 11 | 1 31 | 3 5 | 1 16 | 15 58 | 2 10 | 7 15 | 0 46 | 6 59 | 0 46 | 20 41 | 0 14 | 5 42 | 5 25 | 13 31 | 17 5 | 5 24 |
| T 25 | 23 20 | 18 15 | 4 59 | 19 37 | 2 47 | 21 43 | 1 39 | 8 23 | 1 31 | 3 2 | 1 15 | 16 0 | 2 10 | 7 14 | 0 46 | 6 59 | 0 46 | 20 42 | 0 14 | 5 47 | 5 26 | 13 30 | 17 5 | 5 24 |
| F 26 | 23 19 | 18 30 | 4 38 | 19 44 | 2 43 | 21 27 | 1 40 | 8 35 | 1 31 | 2 59 | 1 15 | 16 1 | 2 10 | 7 14 | 0 46 | 6 59 | 0 46 | 20 42 | 0 14 | 5 51 | 5 27 | 13 28 | 17 5 | 5 24 |
| S 27 | 23 16 | 17 27 | 3 57 | 19 52 | 2 37 | 21 11 | 1 41 | 8 47 | 1 31 | 2 56 | 1 15 | 16 3 | 2 10 | 7 13 | 0 46 | 6 59 | 0 46 | 20 42 | 0 14 | 5 55 | 5 29 | 13 27 | 17 5 | 5 24 |
| S 28 | 23 14 | 15 12 | 3 0 | 20 2 | 2 31 | 20 55 | 1 42 | 8 59 | 1 32 | 2 53 | 1 15 | 16 4 | 2 10 | 7 12 | 0 46 | 7 0 | 0 46 | 20 42 | 0 14 | 5 57 | 5 30 | 13 26 | 17 4 | 5 24 |
| M29 | 23 10 | 11 58 | 1 52 | 20 14 | 2 25 | 20 38 | 1 42 | 9 11 | 1 32 | 2 49 | 1 14 | 16 5 | 2 10 | 7 11 | 0 46 | 7 0 | 0 46 | 20 43 | 0 14 | 5 59 | 5 31 | 13 25 | 17 4 | 5 24 |
| T 30 | 23 7 | 8 2 | 0 37 | 20 26 | 2 18 | 20 20 | 1 43 | 9 23 | 1 32 | 2 46 | 1 14 | 16 7 | 2 11 | 7 11 | 0 46 | 7 0 | 0 46 | 20 43 | 0 14 | 6 0 | 5 32 | 13 23 | 17 4 | 5 24 |
| W31 | 23s 3 | 3n43 | 0n39 | 20s38 | 2n10 | 20s 1 | 1s44 | 9s35 | 1n32 | 2s43 | 1s14 | 16s 8 | 2n11 | 7s10 | 0s46 | 7n 0 | 0n46 | 20n43 | 0s14 | 6n 0 | 5n34 | 13s22 | 17n 3 | 5s24 |

Julian Day Number = 2607107.5, Delta T = 09m54s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'42, Lahiri = 29°48'44


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## JANUARY 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 43 10 | 10♉28'10 | 6♎ 2 | 18♐28 | 8♒44 | 29♎18 | 26♓ 9 | 22♏ 9 | 13♓34 | 13°R57 | 25°R41 | 14°R45 | 15♍49 | 16♒56 | 13°R51 | T 1 |
| F 2 | 6 47 7 | 11°29'16 | 19°37 | 19°29 | 9°58 | 29°51 | 26°18 | 22°15 | 13°36 | 13♍56 | 25♋40 | 14♍45 | 15°46 | 17° 2 | 13♊48 | F 2 |
| S 3 | 6 51 3 | 12°30'23 | 2♏54 | 20°34 | 11°12 | 0♏24 | 26°26 | 22°20 | 13°38 | 13°56 | 25°39 | 14°43 | 15°43 | 17° 9 | 13°45 | S 3 |
| S 4 | 6 55 0 | 13°31'31 | 15°56 | 21°41 | 12°27 | 0°57 | 26°34 | 22°26 | 13°40 | 13°55 | 25°37 | 14°38 | 15°40 | 17°16 | 13°42 | S 4 |
| M 5 | 6 58 56 | 14°32'39 | 28°44 | 22°51 | 13°41 | 1°30 | 26°43 | 22°31 | 13°42 | 13°54 | 25°36 | 14°31 | 15°36 | 17°22 | 13°39 | M 5 |
| T 6 | 7 2 53 | 15°33'48 | 11♐20 | 24° 4 | 14°55 | 2° 2 | 26°52 | 22°36 | 13°44 | 13°54 | 25°35 | 14°22 | 15°33 | 17°29 | 13°36 | T 6 |
| W 7 | 7 6 50 | 16°34'57 | 23°46 | 25°18 | 16°10 | 2°35 | 27° 1 | 22°42 | 13°46 | 13°53 | 25°34 | 14°11 | 15°30 | 17°36 | 13°33 | W 7 |
| T 8 | 7 10 46 | 17°36'06 | 6♑ 2 | 26°34 | 17°24 | 3° 7 | 27°10 | 22°47 | 13°48 | 13°52 | 25°32 | 13°59 | 15°27 | 17°42 | 13°31 | T 8 |
| F 9 | 7 14 43 | 18°37'15 | 18° 9 | 27°52 | 18°38 | 3°39 | 27°19 | 22°52 | 13°51 | 13°51 | 25°31 | 13°48 | 15°24 | 17°49 | 13°28 | F 9 |
| S 10 | 7 18 39 | 19°38'25 | 0♒ 8 | 29°11 | 19°52 | 4°12 | 27°29 | 22°57 | 13°53 | 13°51 | 25°30 | 13°39 | 15°21 | 17°56 | 13°25 | S 10 |
| S 11 | 7 22 36 | 20°39'34 | 12° 0 | 0♑31 | 21° 7 | 4°44 | 27°38 | 23° 2 | 13°55 | 13°50 | 25°28 | 13°31 | 15°17 | 18° 2 | 13°23 | S 11 |
| M12 | 7 26 32 | 21°40'43 | 23°48 | 1°53 | 22°21 | 5°16 | 27°48 | 23° 7 | 13°58 | 13°49 | 25°27 | 13°27 | 15°14 | 18° 9 | 13°20 | M12 |
| T 13 | 7 30 29 | 22°41'52 | 5♓35 | 3°15 | 23°35 | 5°47 | 27°58 | 23°12 | 14° 0 | 13°48 | 25°26 | 13°24 | 15°11 | 18°16 | 13°18 | T 13 |
| W14 | 7 34 26 | 23°43'01 | 17°22 | 4°39 | 24°49 | 6°19 | 28° 7 | 23°16 | 14° 2 | 13°47 | 25°25 | 13°D24 | 15° 8 | 18°22 | 13°15 | W14 |
| T 15 | 7 38 22 | 24°44'10 | 29°16 | 6° 3 | 26° 3 | 6°51 | 28°17 | 23°21 | 14° 5 | 13°46 | 25°23 | 13°25 | 15° 5 | 18°29 | 13°13 | T 15 |
| F 16 | 7 42 19 | 25°45'18 | 11♈20 | 7°28 | 27°17 | 7°22 | 28°28 | 23°26 | 14° 8 | 13°45 | 25°22 | 13°26 | 15° 1 | 18°36 | 13°10 | F 16 |
| S 17 | 7 46 15 | 26°46'25 | 23°39 | 8°54 | 28°31 | 7°54 | 28°38 | 23°30 | 14°10 | 13°44 | 25°21 | 13°R27 | 14°58 | 18°42 | 13° 8 | S 17 |
| S 18 | 7 50 12 | 27°47'32 | 6♉19 | 10°21 | 29°45 | 8°25 | 28°48 | 23°34 | 14°13 | 13°43 | 25°19 | 13°27 | 14°55 | 18°49 | 13° 6 | S 18 |
| M19 | 7 54 8 | 28°48'39 | 19°24 | 11°48 | 0♓59 | 8°56 | 28°59 | 23°39 | 14°15 | 13°42 | 25°18 | 13°25 | 14°52 | 18°55 | 13° 4 | M19 |
| T 20 | 7 58 5 | 29°49'45 | 2♊58 | 13°16 | 2°12 | 9°27 | 29° 9 | 23°43 | 14°18 | 13°41 | 25°17 | 13°21 | 14°49 | 19° 2 | 13° 2 | T 20 |
| W21 | 8 2 1 | 0♒50'50 | 17° 1 | 14°45 | 3°26 | 9°58 | 29°20 | 23°47 | 14°21 | 13°40 | 25°16 | 13°15 | 14°46 | 19° 9 | 13° 0 | W21 |
| T 22 | 8 5 58 | 1°51'55 | 1♋33 | 16°14 | 4°40 | 10°29 | 29°31 | 23°51 | 14°23 | 13°39 | 25°14 | 13° 9 | 14°42 | 19°15 | 12°58 | T 22 |
| F 23 | 8 9 55 | 2°52'59 | 16°27 | 17°44 | 5°54 | 10°59 | 29°42 | 23°55 | 14°26 | 13°38 | 25°13 | 13° 2 | 14°39 | 19°22 | 12°56 | F 23 |
| S 24 | 8 13 51 | 3°54'03 | 1♌37 | 19°15 | 7° 7 | 11°30 | 29°53 | 23°59 | 14°29 | 13°36 | 25°12 | 12°56 | 14°36 | 19°29 | 12°54 | S 24 |
| S 25 | 8 17 48 | 4°55'06 | 16°52 | 20°45 | 8°21 | 12° 0 | 0♈ 4 | 24° 3 | 14°32 | 13°35 | 25°11 | 12°52 | 14°33 | 19°35 | 12°52 | S 25 |
| M26 | 8 21 44 | 5°56'09 | 2♍ 2 | 22°17 | 9°34 | 12°30 | 0°15 | 24° 7 | 14°35 | 13°34 | 25° 9 | 12°50 | 14°30 | 19°42 | 12°50 | M26 |
| T 27 | 8 25 41 | 6°57'11 | 16°57 | 23°49 | 10°48 | 13° 1 | 0°27 | 24°10 | 14°37 | 13°33 | 25° 8 | 12°D50 | 14°27 | 19°49 | 12°49 | T 27 |
| W28 | 8 29 37 | 7°58'12 | 1♎31 | 25°22 | 12° 1 | 13°30 | 0°38 | 24°14 | 14°40 | 13°31 | 25° 7 | 12°51 | 14°23 | 19°55 | 12°47 | W28 |
| T 29 | 8 33 34 | 8°59'14 | 15°41 | 26°55 | 13°15 | 14° 0 | 0°50 | 24°18 | 14°43 | 13°30 | 25° 6 | 12°52 | 14°20 | 20° 2 | 12°46 | T 29 |
| F 30 | 8 37 30 | 10° 0'15 | 29°26 | 28°29 | 14°28 | 14°30 | 1° 1 | 24°21 | 14°46 | 13°29 | 25° 4 | 12°54 | 14°17 | 20° 9 | 12°44 | F 30 |
| S 31 | 8 41 27 | 11♒ 1'15 | 12♏46 | 0♒ 3 | 15♓41 | 14♏59 | 1♈13 | 24♏24 | 14♓49 | 13♍27 | 25♋ 3 | 12°R54 | 14♍14 | 20♒15 | 12♊43 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s58 | 0s41 | 1n51 | 20s51 | 2n 2 | 19s43 | 1s44 | 9s46 | 1n32 | 2s39 | 1s14 | 16s 9 | 2n11 | 7s 9 | 0s46 | 7n 0 | 0n46 | 20n44 | 0s14 | 5n59 | 5n35 | 13s21 | 17n 3 | 5s24 |
| F 2 | 22 53 | 4 57 | 2 55 | 21 4 | 1 54 | 19 23 | 1 44 | 9 58 | 1 32 | 2 36 | 1 14 | 16 11 | 2 11 | 7 8 | 0 46 | 7 1 | 0 46 | 20 44 | 0 14 | 5 59 | 5 36 | 13 20 | 17 3 | 5 23 |
| S 3 | 22 48 | 8 53 | 3 48 | 21 17 | 1 46 | 19 3 | 1 45 | 10 9 | 1 32 | 2 32 | 1 13 | 16 12 | 2 11 | 7 8 | 0 46 | 7 1 | 0 46 | 20 44 | 0 14 | 6 0 | 5 37 | 13 18 | 17 3 | 5 23 |
| S 4 | 22 42 | 12 18 | 4 27 | 21 30 | 1 37 | 18 42 | 1 45 | 10 20 | 1 32 | 2 29 | 1 13 | 16 13 | 2 11 | 7 7 | 0 46 | 7 1 | 0 46 | 20 44 | 0 14 | 6 2 | 5 38 | 13 17 | 17 2 | 5 23 |
| M 5 | 22 35 | 15 4 | 4 53 | 21 43 | 1 29 | 18 21 | 1 45 | 10 32 | 1 32 | 2 25 | 1 13 | 16 14 | 2 11 | 7 6 | 0 46 | 7 1 | 0 46 | 20 45 | 0 14 | 6 5 | 5 40 | 13 16 | 17 2 | 5 23 |
| T 6 | 22 29 | 17 4 | 5 4 | 21 55 | 1 20 | 18 0 | 1 45 | 10 43 | 1 32 | 2 21 | 1 13 | 16 15 | 2 12 | 7 5 | 0 46 | 7 2 | 0 46 | 20 45 | 0 14 | 6 8 | 5 41 | 13 15 | 17 2 | 5 23 |
| W 7 | 22 21 | 18 14 | 5 0 | 22 6 | 1 12 | 17 38 | 1 45 | 10 54 | 1 32 | 2 18 | 1 13 | 16 17 | 2 12 | 7 4 | 0 45 | 7 2 | 0 46 | 20 45 | 0 14 | 6 13 | 5 42 | 13 13 | 17 2 | 5 23 |
| T 8 | 22 14 | 18 32 | 4 43 | 22 17 | 1 3 | 17 15 | 1 45 | 11 5 | 1 32 | 2 14 | 1 12 | 16 18 | 2 12 | 7 3 | 0 45 | 7 2 | 0 46 | 20 46 | 0 14 | 6 17 | 5 43 | 13 12 | 17 2 | 5 23 |
| F 9 | 22 5 | 17 59 | 4 12 | 22 27 | 0 55 | 16 52 | 1 45 | 11 16 | 1 32 | 2 10 | 1 12 | 16 19 | 2 12 | 7 2 | 0 45 | 7 3 | 0 46 | 20 46 | 0 13 | 6 21 | 5 45 | 13 11 | 17 1 | 5 23 |
| S 10 | 21 57 | 16 38 | 3 31 | 22 37 | 0 46 | 16 29 | 1 45 | 11 26 | 1 32 | 2 6 | 1 12 | 16 20 | 2 12 | 7 1 | 0 45 | 7 3 | 0 46 | 20 46 | 0 13 | 6 25 | 5 46 | 13 10 | 17 1 | 5 22 |
| S 11 | 21 48 | 14 35 | 2 41 | 22 45 | 0 38 | 16 5 | 1 44 | 11 37 | 1 32 | 2 2 | 1 12 | 16 21 | 2 12 | 7 1 | 0 45 | 7 3 | 0 46 | 20 47 | 0 13 | 6 28 | 5 47 | 13 8 | 17 1 | 5 22 |
| M12 | 21 38 | 11 55 | 1 44 | 22 53 | 0 29 | 15 40 | 1 44 | 11 48 | 1 32 | 1 58 | 1 12 | 16 22 | 2 12 | 7 0 | 0 45 | 7 4 | 0 46 | 20 47 | 0 13 | 6 30 | 5 48 | 13 7 | 17 1 | 5 22 |
| T 13 | 21 29 | 8 47 | 0 42 | 22 59 | 0 21 | 15 15 | 1 44 | 11 58 | 1 32 | 1 54 | 1 11 | 16 23 | 2 13 | 6 59 | 0 45 | 7 4 | 0 46 | 20 47 | 0 13 | 6 30 | 5 49 | 13 6 | 17 1 | 5 22 |
| W14 | 21 18 | 5 18 | 0s21 | 23 5 | 0 13 | 14 50 | 1 43 | 12 8 | 1 32 | 1 50 | 1 11 | 16 24 | 2 13 | 6 58 | 0 45 | 7 5 | 0 46 | 20 47 | 0 13 | 6 31 | 5 51 | 13 5 | 17 1 | 5 22 |
| T 15 | 21 8 | 1 35 | 1 25 | 23 9 | 0 5 | 14 25 | 1 42 | 12 19 | 1 32 | 1 46 | 1 11 | 16 25 | 2 13 | 6 57 | 0 45 | 7 5 | 0 46 | 20 48 | 0 13 | 6 30 | 5 52 | 13 3 | 17 1 | 5 22 |
| F 16 | 20 57 | 2n14 | 2 25 | 23 13 | 0s 3 | 13 59 | 1 42 | 12 29 | 1 32 | 1 42 | 1 11 | 16 26 | 2 13 | 6 56 | 0 45 | 7 5 | 0 46 | 20 48 | 0 13 | 6 30 | 5 53 | 13 2 | 17 0 | 5 21 |
| S 17 | 20 45 | 6 3 | 3 21 | 23 15 | 0 10 | 13 32 | 1 41 | 12 39 | 1 32 | 1 38 | 1 11 | 16 27 | 2 13 | 6 55 | 0 45 | 7 6 | 0 46 | 20 48 | 0 13 | 6 29 | 5 54 | 13 1 | 17 0 | 5 21 |
| S 18 | 20 33 | 9 42 | 4 8 | 23 16 | 0 18 | 13 6 | 1 40 | 12 49 | 1 32 | 1 33 | 1 11 | 16 28 | 2 13 | 6 54 | 0 45 | 7 6 | 0 46 | 20 49 | 0 13 | 6 29 | 5 56 | 12 59 | 17 0 | 5 21 |
| M19 | 20 21 | 12 59 | 4 43 | 23 16 | 0 25 | 12 39 | 1 39 | 12 59 | 1 32 | 1 29 | 1 10 | 16 29 | 2 14 | 6 53 | 0 45 | 7 7 | 0 46 | 20 49 | 0 13 | 6 30 | 5 57 | 12 58 | 17 0 | 5 21 |
| T 20 | 20 8 | 15 43 | 5 5 | 23 15 | 0 32 | 12 11 | 1 38 | 13 9 | 1 32 | 1 25 | 1 10 | 16 30 | 2 14 | 6 52 | 0 45 | 7 7 | 0 46 | 20 49 | 0 13 | 6 32 | 5 58 | 12 57 | 17 0 | 5 21 |
| W21 | 19 55 | 17 37 | 5 9 | 23 13 | 0 39 | 11 44 | 1 37 | 13 18 | 1 32 | 1 20 | 1 10 | 16 31 | 2 14 | 6 50 | 0 45 | 7 7 | 0 46 | 20 49 | 0 13 | 6 34 | 5 59 | 12 56 | 17 0 | 5 20 |
| T 22 | 19 42 | 18 28 | 4 54 | 23 9 | 0 46 | 11 16 | 1 36 | 13 28 | 1 32 | 1 16 | 1 10 | 16 31 | 2 14 | 6 49 | 0 45 | 7 8 | 0 47 | 20 50 | 0 13 | 6 36 | 6 0 | 12 54 | 17 0 | 5 20 |
| F 23 | 19 28 | 18 5 | 4 19 | 23 4 | 0 52 | 10 47 | 1 34 | 13 38 | 1 32 | 1 11 | 1 10 | 16 32 | 2 14 | 6 48 | 0 45 | 7 8 | 0 47 | 20 50 | 0 13 | 6 39 | 6 2 | 12 53 | 17 0 | 5 20 |
| S 24 | 19 14 | 16 25 | 3 26 | 22 58 | 0 58 | 10 19 | 1 33 | 13 47 | 1 32 | 1 7 | 1 10 | 16 33 | 2 14 | 6 47 | 0 45 | 7 9 | 0 47 | 20 50 | 0 13 | 6 41 | 6 3 | 12 52 | 17 0 | 5 20 |
| S 25 | 18 59 | 13 34 | 2 17 | 22 51 | 1 4 | 9 50 | 1 32 | 13 56 | 1 32 | 1 2 | 1 9 | 16 34 | 2 15 | 6 46 | 0 45 | 7 9 | 0 47 | 20 51 | 0 12 | 6 43 | 6 4 | 12 50 | 17 0 | 5 20 |
| M26 | 18 45 | 9 49 | 0 59 | 22 42 | 1 10 | 9 21 | 1 30 | 14 5 | 1 32 | 0 58 | 1 9 | 16 35 | 2 15 | 6 45 | 0 45 | 7 10 | 0 47 | 20 51 | 0 12 | 6 44 | 6 5 | 12 49 | 17 0 | 5 19 |
| T 27 | 18 29 | 5 29 | 0n23 | 22 32 | 1 16 | 8 52 | 1 28 | 14 15 | 1 32 | 0 53 | 1 9 | 16 35 | 2 15 | 6 44 | 0 45 | 7 10 | 0 47 | 20 51 | 0 12 | 6 44 | 6 7 | 12 48 | 17 0 | 5 19 |
| W28 | 18 14 | 0 56 | 1 40 | 22 21 | 1 21 | 8 22 | 1 27 | 14 24 | 1 32 | 0 48 | 1 9 | 16 36 | 2 15 | 6 43 | 0 45 | 7 11 | 0 47 | 20 52 | 0 12 | 6 43 | 6 8 | 12 46 | 17 0 | 5 19 |
| T 29 | 17 58 | 3s32 | 2 50 | 22 8 | 1 26 | 7 53 | 1 25 | 14 32 | 1 32 | 0 44 | 1 9 | 16 37 | 2 15 | 6 42 | 0 45 | 7 11 | 0 47 | 20 52 | 0 12 | 6 43 | 6 9 | 12 45 | 17 0 | 5 19 |
| F 30 | 17 42 | 7 41 | 3 48 | 21 54 | 1 31 | 7 23 | 1 23 | 14 41 | 1 32 | 0 39 | 1 9 | 16 37 | 2 16 | 6 40 | 0 45 | 7 12 | 0 47 | 20 52 | 0 12 | 6 42 | 6 10 | 12 44 | 17 0 | 5 18 |
| S 31 | 17s25 | 11s19 | 4n31 | 21s39 | 1s36 | 6s53 | 1s21 | 14s50 | 1n32 | 0s34 | 1s 9 | 16s38 | 2n16 | 6s39 | 0s45 | 7n12 | 0n47 | 20n52 | 0s12 | 6n42 | 6n11 | 12s43 | 17n 0 | 5s18 |

Julian Day Number = 2607138.5, Delta T = 09m54s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'46, Lahiri = 29°48'48


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## FEBRUARY 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 45 24 | 12♒ 2'15 | 25♏45 | 1♒39 | 16♓55 | 15♏29 | 1♈25 | 24♏27 | 14♓52 | 13°R26 | 25°R 2 | 12°R53 | 14♍11 | 20♒22 | 12°R41 | S 1 |
| M 2 | 8 49 20 | 13° 3'15 | 8♐25 | 3°14 | 18° 8 | 15°58 | 1°37 | 24°31 | 14°55 | 13♍25 | 25♋ 1 | 12♍51 | 14° 7 | 20°29 | 12♊40 | M 2 |
| T 3 | 8 53 17 | 14° 4'14 | 20°51 | 4°51 | 19°21 | 16°27 | 1°49 | 24°34 | 14°58 | 13°23 | 24°59 | 12°47 | 14° 4 | 20°35 | 12°39 | T 3 |
| W 4 | 8 57 13 | 15° 5'13 | 3♑ 3 | 6°27 | 20°34 | 16°56 | 2° 1 | 24°37 | 15° 1 | 13°22 | 24°58 | 12°42 | 14° 1 | 20°42 | 12°38 | W 4 |
| T 5 | 9 1 10 | 16° 6'11 | 15° 7 | 8° 5 | 21°47 | 17°24 | 2°13 | 24°39 | 15° 4 | 13°20 | 24°57 | 12°38 | 13°58 | 20°49 | 12°37 | T 5 |
| F 6 | 9 5 6 | 17° 7'08 | 27° 4 | 9°43 | 23° 0 | 17°53 | 2°25 | 24°42 | 15° 8 | 13°19 | 24°56 | 12°33 | 13°55 | 20°55 | 12°36 | F 6 |
| S 7 | 9 9 3 | 18° 8'04 | 8♒55 | 11°22 | 24°13 | 18°21 | 2°38 | 24°45 | 15°11 | 13°17 | 24°55 | 12°29 | 13°52 | 21° 2 | 12°35 | S 7 |
| S 8 | 9 12 59 | 19° 8'59 | 20°44 | 13° 2 | 25°26 | 18°49 | 2°50 | 24°47 | 15°14 | 13°16 | 24°54 | 12°26 | 13°48 | 21° 9 | 12°34 | S 8 |
| M 9 | 9 16 56 | 20° 9'53 | 2♓31 | 14°42 | 26°38 | 19°17 | 3° 3 | 24°50 | 15°17 | 13°15 | 24°52 | 12°24 | 13°45 | 21°15 | 12°34 | M 9 |
| T 10 | 9 20 53 | 21°10'46 | 14°20 | 16°23 | 27°51 | 19°45 | 3°15 | 24°52 | 15°20 | 13°13 | 24°51 | 12°D24 | 13°42 | 21°22 | 12°33 | T 10 |
| W11 | 9 24 49 | 22°11'38 | 26°12 | 18° 5 | 29° 3 | 20°12 | 3°28 | 24°54 | 15°24 | 13°11 | 24°50 | 12°25 | 13°39 | 21°29 | 12°32 | W11 |
| T 12 | 9 28 46 | 23°12'29 | 8♈10 | 19°48 | 0♈16 | 20°39 | 3°41 | 24°57 | 15°27 | 13°10 | 24°49 | 12°26 | 13°36 | 21°35 | 12°32 | T 12 |
| F 13 | 9 32 42 | 24°13'18 | 20°18 | 21°31 | 1°28 | 21° 6 | 3°53 | 24°59 | 15°30 | 13° 8 | 24°48 | 12°27 | 13°33 | 21°42 | 12°31 | F 13 |
| S 14 | 9 36 39 | 25°14'06 | 2♉40 | 23°15 | 2°41 | 21°33 | 4° 6 | 25° 1 | 15°33 | 13° 7 | 24°47 | 12°29 | 13°29 | 21°49 | 12°31 | S 14 |
| S 15 | 9 40 35 | 26°14'52 | 15°18 | 25° 0 | 3°53 | 22° 0 | 4°19 | 25° 3 | 15°37 | 13° 5 | 24°46 | 12°30 | 13°26 | 21°55 | 12°31 | S 15 |
| M16 | 9 44 32 | 27°15'37 | 28°18 | 26°46 | 5° 5 | 22°26 | 4°32 | 25° 4 | 15°40 | 13° 4 | 24°45 | 12°R30 | 13°23 | 22° 2 | 12°30 | M16 |
| T 17 | 9 48 28 | 28°16'21 | 11♊42 | 28°32 | 6°17 | 22°53 | 4°45 | 25° 6 | 15°43 | 13° 2 | 24°44 | 12°30 | 13°20 | 22° 9 | 12°30 | T 17 |
| W18 | 9 52 25 | 29°17'02 | 25°33 | 0♓19 | 7°29 | 23°19 | 4°59 | 25° 7 | 15°47 | 13° 0 | 24°43 | 12°29 | 13°17 | 22°15 | 12°D30 | W18 |
| T 19 | 9 56 21 | 0♓17'43 | 9♋50 | 2° 7 | 8°41 | 23°44 | 5°12 | 25° 9 | 15°50 | 12°59 | 24°42 | 12°27 | 13°13 | 22°22 | 12°30 | T 19 |
| F 20 | 10 0 18 | 1°18'21 | 24°32 | 3°56 | 9°53 | 24°10 | 5°25 | 25°10 | 15°53 | 12°57 | 24°41 | 12°26 | 13°10 | 22°29 | 12°30 | F 20 |
| S 21 | 10 4 15 | 2°18'58 | 9♌32 | 5°45 | 11° 5 | 24°35 | 5°38 | 25°12 | 15°57 | 12°56 | 24°40 | 12°25 | 13° 7 | 22°35 | 12°31 | S 21 |
| S 22 | 10 8 11 | 3°19'34 | 24°44 | 7°35 | 12°16 | 25° 0 | 5°52 | 25°13 | 16° 0 | 12°54 | 24°39 | 12°24 | 13° 4 | 22°42 | 12°31 | S 22 |
| M23 | 10 12 8 | 4°20'08 | 9♍58 | 9°26 | 13°28 | 25°25 | 6° 5 | 25°14 | 16° 3 | 12°52 | 24°38 | 12°D24 | 13° 1 | 22°48 | 12°31 | M23 |
| T 24 | 10 16 4 | 5°20'40 | 25° 3 | 11°16 | 14°39 | 25°49 | 6°19 | 25°15 | 16° 7 | 12°51 | 24°37 | 12°24 | 12°58 | 22°55 | 12°31 | T 24 |
| W25 | 10 20 1 | 6°21'12 | 9♎51 | 13° 8 | 15°50 | 26°14 | 6°32 | 25°16 | 16°10 | 12°49 | 24°36 | 12°24 | 12°54 | 23° 2 | 12°32 | W25 |
| T 26 | 10 23 57 | 7°21'41 | 24°17 | 14°59 | 17° 2 | 26°37 | 6°46 | 25°16 | 16°14 | 12°47 | 24°35 | 12°25 | 12°51 | 23° 8 | 12°32 | T 26 |
| F 27 | 10 27 54 | 8°22'10 | 8♏15 | 16°51 | 18°13 | 27° 1 | 7° 0 | 25°17 | 16°17 | 12°46 | 24°34 | 12°25 | 12°48 | 23°15 | 12°33 | F 27 |
| S 28 | 10 31 50 | 9♓22'37 | 21♏47 | 18♓43 | 19♈24 | 27♏25 | 7♈13 | 25♏17 | 16♓20 | 12♍44 | 24♋33 | 12♍25 | 12♍45 | 23♒22 | 12♊34 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 9 | 14s18 | 5n 0 | 21s22 | 1s40 | 6s22 | 1s19 | 14s58 | 1n32 | 0s29 | 1s 8 | 16s38 | 2n16 | 6s38 | 0s45 | 7n13 | 0n47 | 20n53 | 0s12 | 6n42 | 6n13 | 12s41 | 17n 0 | 5s18 |
| M 2 | 16 51 | 16 31 | 5 12 | 21 4 | 1 44 | 5 52 | 1 17 | 15 7 | 1 32 | 0 24 | 1 8 | 16 39 | 2 16 | 6 37 | 0 45 | 7 14 | 0 47 | 20 53 | 0 12 | 6 43 | 6 14 | 12 40 | 17 1 | 5 18 |
| T 3 | 16 34 | 17 54 | 5 10 | 20 45 | 1 48 | 5 21 | 1 15 | 15 15 | 1 31 | 0 19 | 1 8 | 16 40 | 2 16 | 6 36 | 0 45 | 7 14 | 0 47 | 20 53 | 0 12 | 6 45 | 6 15 | 12 39 | 17 1 | 5 17 |
| W 4 | 16 16 | 18 27 | 4 54 | 20 24 | 1 51 | 4 51 | 1 13 | 15 23 | 1 31 | 0 14 | 1 8 | 16 40 | 2 17 | 6 34 | 0 45 | 7 15 | 0 47 | 20 53 | 0 12 | 6 46 | 6 16 | 12 37 | 17 1 | 5 17 |
| T 5 | 15 58 | 18 8 | 4 25 | 20 2 | 1 54 | 4 20 | 1 10 | 15 32 | 1 31 | 0 10 | 1 8 | 16 41 | 2 17 | 6 33 | 0 45 | 7 15 | 0 47 | 20 54 | 0 12 | 6 48 | 6 18 | 12 36 | 17 1 | 5 17 |
| F 6 | 15 40 | 17 2 | 3 44 | 19 39 | 1 57 | 3 49 | 1 8 | 15 40 | 1 31 | 0 5 | 1 8 | 16 41 | 2 17 | 6 32 | 0 45 | 7 16 | 0 47 | 20 54 | 0 12 | 6 50 | 6 19 | 12 35 | 17 1 | 5 17 |
| S 7 | 15 21 | 15 11 | 2 54 | 19 14 | 1 59 | 3 18 | 1 5 | 15 47 | 1 31 | 0n 0 | 1 8 | 16 41 | 2 17 | 6 31 | 0 45 | 7 16 | 0 47 | 20 54 | 0 12 | 6 52 | 6 20 | 12 33 | 17 1 | 5 16 |
| S 8 | 15 3 | 12 42 | 1 57 | 18 48 | 2 1 | 2 46 | 1 3 | 15 55 | 1 31 | 0 6 | 1 7 | 16 42 | 2 17 | 6 30 | 0 45 | 7 17 | 0 47 | 20 55 | 0 12 | 6 53 | 6 21 | 12 32 | 17 1 | 5 16 |
| M 9 | 14 44 | 9 42 | 0 54 | 18 20 | 2 3 | 2 15 | 1 0 | 16 3 | 1 31 | 0 11 | 1 7 | 16 42 | 2 18 | 6 28 | 0 45 | 7 18 | 0 47 | 20 55 | 0 11 | 6 53 | 6 22 | 12 31 | 17 2 | 5 16 |
| T 10 | 14 24 | 6 19 | 0s11 | 17 52 | 2 4 | 1 44 | 0 57 | 16 11 | 1 31 | 0 16 | 1 7 | 16 43 | 2 18 | 6 27 | 0 45 | 7 18 | 0 47 | 20 55 | 0 11 | 6 54 | 6 24 | 12 29 | 17 2 | 5 16 |
| W11 | 14 5 | 2 40 | 1 16 | 17 21 | 2 5 | 1 13 | 0 55 | 16 18 | 1 30 | 0 21 | 1 7 | 16 43 | 2 18 | 6 26 | 0 45 | 7 19 | 0 47 | 20 55 | 0 11 | 6 53 | 6 25 | 12 28 | 17 2 | 5 15 |
| T 12 | 13 45 | 1n 7 | 2 18 | 16 50 | 2 6 | 0 41 | 0 52 | 16 25 | 1 30 | 0 26 | 1 7 | 16 43 | 2 18 | 6 25 | 0 45 | 7 19 | 0 47 | 20 56 | 0 11 | 6 53 | 6 26 | 12 27 | 17 2 | 5 15 |
| F 13 | 13 25 | 4 54 | 3 15 | 16 17 | 2 6 | 0 10 | 0 49 | 16 33 | 1 30 | 0 31 | 1 7 | 16 44 | 2 18 | 6 23 | 0 45 | 7 20 | 0 47 | 20 56 | 0 11 | 6 52 | 6 27 | 12 25 | 17 2 | 5 15 |
| S 14 | 13 5 | 8 33 | 4 4 | 15 43 | 2 6 | 0n22 | 0 46 | 16 40 | 1 30 | 0 36 | 1 7 | 16 44 | 2 19 | 6 22 | 0 45 | 7 21 | 0 47 | 20 56 | 0 11 | 6 52 | 6 29 | 12 24 | 17 3 | 5 14 |
| S 15 | 12 44 | 11 53 | 4 42 | 15 7 | 2 5 | 0 53 | 0 43 | 16 47 | 1 30 | 0 42 | 1 7 | 16 44 | 2 19 | 6 21 | 0 45 | 7 21 | 0 47 | 20 56 | 0 11 | 6 51 | 6 30 | 12 23 | 17 3 | 5 14 |
| M16 | 12 24 | 14 44 | 5 8 | 14 30 | 2 4 | 1 24 | 0 40 | 16 54 | 1 29 | 0 47 | 1 7 | 16 44 | 2 19 | 6 19 | 0 45 | 7 22 | 0 47 | 20 57 | 0 11 | 6 51 | 6 31 | 12 21 | 17 3 | 5 14 |
| T 17 | 12 3 | 16 54 | 5 17 | 13 52 | 2 2 | 1 56 | 0 37 | 17 0 | 1 29 | 0 52 | 1 6 | 16 44 | 2 19 | 6 18 | 0 45 | 7 23 | 0 47 | 20 57 | 0 11 | 6 51 | 6 32 | 12 20 | 17 3 | 5 14 |
| W18 | 11 42 | 18 10 | 5 9 | 13 12 | 2 0 | 2 27 | 0 33 | 17 7 | 1 29 | 0 57 | 1 6 | 16 45 | 2 19 | 6 17 | 0 45 | 7 23 | 0 47 | 20 57 | 0 11 | 6 52 | 6 33 | 12 19 | 17 4 | 5 13 |
| T 19 | 11 20 | 18 20 | 4 42 | 12 31 | 1 57 | 2 58 | 0 30 | 17 14 | 1 29 | 1 3 | 1 6 | 16 45 | 2 20 | 6 16 | 0 45 | 7 24 | 0 47 | 20 57 | 0 11 | 6 52 | 6 35 | 12 17 | 17 4 | 5 13 |
| F 20 | 10 59 | 17 18 | 3 56 | 11 49 | 1 54 | 3 30 | 0 27 | 17 20 | 1 28 | 1 8 | 1 6 | 16 45 | 2 20 | 6 14 | 0 45 | 7 24 | 0 47 | 20 58 | 0 11 | 6 53 | 6 36 | 12 16 | 17 4 | 5 13 |
| S 21 | 10 37 | 15 3 | 2 53 | 11 5 | 1 50 | 4 1 | 0 23 | 17 27 | 1 28 | 1 13 | 1 6 | 16 45 | 2 20 | 6 13 | 0 45 | 7 25 | 0 47 | 20 58 | 0 11 | 6 53 | 6 37 | 12 14 | 17 5 | 5 12 |
| S 22 | 10 16 | 11 44 | 1 37 | 10 21 | 1 46 | 4 32 | 0 20 | 17 33 | 1 28 | 1 19 | 1 6 | 16 45 | 2 20 | 6 12 | 0 45 | 7 26 | 0 47 | 20 58 | 0 11 | 6 54 | 6 38 | 12 13 | 17 5 | 5 12 |
| M23 | 9 54 | 7 36 | 0 14 | 9 35 | 1 41 | 5 3 | 0 16 | 17 39 | 1 28 | 1 24 | 1 6 | 16 45 | 2 21 | 6 10 | 0 45 | 7 26 | 0 47 | 20 58 | 0 11 | 6 54 | 6 39 | 12 12 | 17 5 | 5 12 |
| T 24 | 9 32 | 3 2 | 1n10 | 8 48 | 1 36 | 5 34 | 0 13 | 17 45 | 1 27 | 1 30 | 1 6 | 16 45 | 2 21 | 6 9 | 0 45 | 7 27 | 0 47 | 20 59 | 0 10 | 6 54 | 6 41 | 12 10 | 17 6 | 5 11 |
| W25 | 9 10 | 1s38 | 2 27 | 8 0 | 1 30 | 6 5 | 0 9 | 17 51 | 1 27 | 1 35 | 1 6 | 16 45 | 2 21 | 6 8 | 0 45 | 7 28 | 0 47 | 20 59 | 0 10 | 6 53 | 6 42 | 12 9 | 17 6 | 5 11 |
| T 26 | 8 47 | 6 6 | 3 33 | 7 11 | 1 23 | 6 35 | 0 6 | 17 57 | 1 27 | 1 40 | 1 6 | 16 45 | 2 21 | 6 6 | 0 44 | 7 28 | 0 47 | 20 59 | 0 10 | 6 53 | 6 43 | 12 8 | 17 6 | 5 11 |
| F 27 | 8 25 | 10 4 | 4 23 | 6 21 | 1 16 | 7 6 | 0 2 | 18 3 | 1 26 | 1 46 | 1 5 | 16 45 | 2 21 | 6 5 | 0 44 | 7 29 | 0 47 | 20 59 | 0 10 | 6 53 | 6 44 | 12 6 | 17 7 | 5 11 |
| S 28 | 8s 2 | 13s22 | 4n58 | 5s30 | 1s 8 | 7n36 | 0n 2 | 18s 8 | 1n26 | 1n51 | 1s 5 | 16s45 | 2n22 | 6s 4 | 0s44 | 7n30 | 0n47 | 21n 0 | 0s10 | 6n53 | 6n46 | 12s 5 | 17n 7 | 5s10 |

Julian Day Number = 2607169.5, Delta T = 09m55s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'51, Lahiri = 29°48'52


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## MARCH 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 35 47 | 10♓23'03 | 4♐52 | 20♓34 | 20♈34 | 27♏48 | 7♈27 | 25♏18 | 16♓24 | 12°R42 | 24°R32 | 12♍25 | 12♍42 | 23♒28 | 12♊35 | S 1 |
| M 2 | 10 39 44 | 11°23'28 | 17°34 | 22°25 | 21°45 | 28°10 | 7°41 | 25°18 | 16°27 | 12♍41 | 24♋32 | 12°R25 | 12°39 | 23°35 | 12°35 | M 2 |
| T 3 | 10 43 40 | 12°23'52 | 29°57 | 24°15 | 22°56 | 28°33 | 7°55 | 25°18 | 16°31 | 12°39 | 24°31 | 12°D25 | 12°35 | 23°42 | 12°36 | T 3 |
| W 4 | 10 47 37 | 13°24'14 | 12♑ 6 | 26° 4 | 24° 6 | 28°55 | 8° 9 | 25°19 | 16°34 | 12°37 | 24°30 | 12°26 | 12°32 | 23°48 | 12°37 | W 4 |
| T 5 | 10 51 33 | 14°24'34 | 24° 3 | 27°52 | 25°17 | 29°17 | 8°22 | 25°R19 | 16°38 | 12°36 | 24°29 | 12°26 | 12°29 | 23°55 | 12°38 | T 5 |
| F 6 | 10 55 30 | 15°24'53 | 5♒54 | 29°37 | 26°27 | 29°39 | 8°36 | 25°18 | 16°41 | 12°34 | 24°28 | 12°26 | 12°26 | 24° 2 | 12°39 | F 6 |
| S 7 | 10 59 26 | 16°25'11 | 17°41 | 1♈20 | 27°37 | 29°59 | 8°50 | 25°18 | 16°44 | 12°32 | 24°28 | 12°26 | 12°23 | 24° 8 | 12°41 | S 7 |
| S 8 | 11 3 23 | 17°25'27 | 29°28 | 3° 1 | 28°47 | 0♐21 | 9° 5 | 25°18 | 16°48 | 12°30 | 24°27 | 12°27 | 12°19 | 24°15 | 12°42 | S 8 |
| M 9 | 11 7 19 | 18°25'41 | 11♓18 | 4°38 | 29°57 | 0°41 | 9°19 | 25°18 | 16°51 | 12°29 | 24°26 | 12°R27 | 12°16 | 24°22 | 12°43 | M 9 |
| T 10 | 11 11 16 | 19°25'54 | 23°12 | 6°10 | 1♉ 7 | 1° 1 | 9°33 | 25°17 | 16°55 | 12°27 | 24°26 | 12°27 | 12°13 | 24°28 | 12°45 | T 10 |
| W11 | 11 15 13 | 20°26'04 | 5♈13 | 7°39 | 2°16 | 1°21 | 9°47 | 25°16 | 16°58 | 12°25 | 24°25 | 12°26 | 12°10 | 24°35 | 12°46 | W11 |
| T 12 | 11 19 9 | 21°26'13 | 17°23 | 9° 2 | 3°26 | 1°40 | 10° 1 | 25°16 | 17° 2 | 12°24 | 24°24 | 12°25 | 12° 7 | 24°42 | 12°48 | T 12 |
| F 13 | 11 23 6 | 22°26'20 | 29°43 | 10°20 | 4°35 | 1°59 | 10°15 | 25°15 | 17° 5 | 12°22 | 24°24 | 12°24 | 12° 4 | 24°48 | 12°49 | F 13 |
| S 14 | 11 27 2 | 23°26'25 | 12♉15 | 11°31 | 5°44 | 2°18 | 10°30 | 25°14 | 17° 8 | 12°21 | 24°23 | 12°22 | 12° 0 | 24°55 | 12°51 | S 14 |
| S 15 | 11 30 59 | 24°26'28 | 25° 2 | 12°36 | 6°53 | 2°36 | 10°44 | 25°13 | 17°12 | 12°19 | 24°23 | 12°21 | 11°57 | 25° 1 | 12°53 | S 15 |
| M16 | 11 34 55 | 25°26'29 | 8♊ 5 | 13°34 | 8° 2 | 2°54 | 10°58 | 25°12 | 17°15 | 12°17 | 24°22 | 12°20 | 11°54 | 25° 8 | 12°55 | M16 |
| T 17 | 11 38 52 | 26°26'28 | 21°27 | 14°23 | 9°10 | 3°11 | 11°12 | 25°11 | 17°19 | 12°16 | 24°22 | 12°D19 | 11°51 | 25°15 | 12°57 | T 17 |
| W18 | 11 42 48 | 27°26'24 | 5♋ 8 | 15° 5 | 10°19 | 3°28 | 11°27 | 25° 9 | 17°22 | 12°14 | 24°21 | 12°19 | 11°48 | 25°21 | 12°59 | W18 |
| T 19 | 11 46 45 | 28°26'19 | 19°10 | 15°39 | 11°27 | 3°45 | 11°41 | 25° 8 | 17°26 | 12°12 | 24°21 | 12°20 | 11°44 | 25°28 | 13° 1 | T 19 |
| F 20 | 11 50 42 | 29°26'11 | 3♌32 | 16° 4 | 12°35 | 4° 1 | 11°56 | 25° 6 | 17°29 | 12°11 | 24°20 | 12°21 | 11°41 | 25°35 | 13° 3 | F 20 |
| S 21 | 11 54 38 | 0♈26'01 | 18°11 | 16°20 | 13°43 | 4°16 | 12°10 | 25° 5 | 17°32 | 12° 9 | 24°20 | 12°22 | 11°38 | 25°41 | 13° 5 | S 21 |
| S 22 | 11 58 35 | 1°25'48 | 3♍ 4 | 16°R28 | 14°51 | 4°31 | 12°24 | 25° 3 | 17°36 | 12° 8 | 24°19 | 12°23 | 11°35 | 25°48 | 13° 7 | S 22 |
| M23 | 12 2 31 | 2°25'34 | 18° 2 | 16°27 | 15°58 | 4°46 | 12°39 | 25° 1 | 17°39 | 12° 6 | 24°19 | 12°R23 | 11°32 | 25°55 | 13° 9 | M23 |
| T 24 | 12 6 28 | 3°25'18 | 2♎58 | 16°18 | 17° 6 | 5° 0 | 12°53 | 24°59 | 17°42 | 12° 5 | 24°19 | 12°22 | 11°29 | 26° 1 | 13°12 | T 24 |
| W25 | 12 10 24 | 4°24'59 | 17°45 | 16° 1 | 18°13 | 5°14 | 13° 8 | 24°57 | 17°46 | 12° 3 | 24°18 | 12°20 | 11°25 | 26° 8 | 13°14 | W25 |
| T 26 | 12 14 21 | 5°24'39 | 2♏14 | 15°36 | 19°20 | 5°27 | 13°22 | 24°55 | 17°49 | 12° 2 | 24°18 | 12°17 | 11°22 | 26°15 | 13°17 | T 26 |
| F 27 | 12 18 17 | 6°24'17 | 16°20 | 15° 5 | 20°27 | 5°39 | 13°37 | 24°53 | 17°52 | 12° 0 | 24°18 | 12°14 | 11°19 | 26°21 | 13°19 | F 27 |
| S 28 | 12 22 14 | 7°23'53 | 29°59 | 14°28 | 21°33 | 5°52 | 13°51 | 24°51 | 17°56 | 11°59 | 24°17 | 12°10 | 11°16 | 26°28 | 13°22 | S 28 |
| S 29 | 12 26 10 | 8°23'27 | 13♐13 | 13°45 | 22°39 | 6° 3 | 14° 6 | 24°49 | 17°59 | 11°57 | 24°17 | 12° 7 | 11°13 | 26°35 | 13°25 | S 29 |
| M30 | 12 30 7 | 9°23'00 | 26° 1 | 12°59 | 23°45 | 6°14 | 14°20 | 24°46 | 18° 2 | 11°56 | 24°17 | 12° 5 | 11°10 | 26°41 | 13°27 | M30 |
| T 31 | 12 34 4 | 10♈22'31 | 8♑27 | 12♈ 9 | 24♉51 | 6♐25 | 14♈35 | 24♏44 | 18♓ 5 | 11♍54 | 24♋17 | 12°D 5 | 11♍ 6 | 26♒48 | 13♊30 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s39 | 15s53 | 5n15 | 4s38 | 0s59 | 8n 6 | 0n 6 | 18s14 | 1n26 | 1n57 | 1s 5 | 16s45 | 2n22 | 6s 2 | 0s44 | 7n30 | 0n47 | 21n 0 | 0s10 | 6n53 | 6n47 | 12s 3 | 17n 7 | 5s10 |
| M 2 | 7 17 | 17 33 | 5 17 | 3 46 | 0 50 | 8 36 | 0 10 | 18 19 | 1 25 | 2 2 | 1 5 | 16 45 | 2 22 | 6 1 | 0 44 | 7 31 | 0 47 | 21 0 | 0 10 | 6 53 | 6 48 | 12 2 | 17 8 | 5 10 |
| T 3 | 6 54 | 18 19 | 5 3 | 2 54 | 0 40 | 9 6 | 0 13 | 18 25 | 1 25 | 2 8 | 1 5 | 16 45 | 2 22 | 6 0 | 0 44 | 7 32 | 0 47 | 21 0 | 0 10 | 6 53 | 6 49 | 12 1 | 17 8 | 5 9 |
| W 4 | 6 31 | 18 14 | 4 37 | 2 1 | 0 30 | 9 36 | 0 17 | 18 30 | 1 24 | 2 13 | 1 5 | 16 44 | 2 22 | 5 58 | 0 44 | 7 32 | 0 47 | 21 0 | 0 10 | 6 53 | 6 50 | 11 59 | 17 9 | 5 9 |
| T 5 | 6 7 | 17 20 | 3 58 | 1 8 | 0 19 | 10 5 | 0 21 | 18 35 | 1 24 | 2 19 | 1 5 | 16 44 | 2 23 | 5 57 | 0 44 | 7 33 | 0 47 | 21 1 | 0 10 | 6 53 | 6 52 | 11 58 | 17 9 | 5 9 |
| F 6 | 5 44 | 15 41 | 3 10 | 0 16 | 0 7 | 10 34 | 0 25 | 18 40 | 1 23 | 2 25 | 1 5 | 16 44 | 2 23 | 5 56 | 0 44 | 7 34 | 0 47 | 21 1 | 0 10 | 6 53 | 6 53 | 11 57 | 17 10 | 5 9 |
| S 7 | 5 21 | 13 22 | 2 13 | 0n36 | 0n 5 | 11 3 | 0 29 | 18 45 | 1 23 | 2 30 | 1 5 | 16 44 | 2 23 | 5 54 | 0 44 | 7 34 | 0 47 | 21 1 | 0 10 | 6 53 | 6 54 | 11 55 | 17 10 | 5 8 |
| S 8 | 4 57 | 10 31 | 1 12 | 1 27 | 0 17 | 11 32 | 0 33 | 18 50 | 1 23 | 2 36 | 1 5 | 16 43 | 2 23 | 5 53 | 0 44 | 7 35 | 0 47 | 21 1 | 0 10 | 6 52 | 6 55 | 11 54 | 17 10 | 5 8 |
| M 9 | 4 34 | 7 13 | 0 6 | 2 18 | 0 30 | 12 1 | 0 37 | 18 54 | 1 22 | 2 41 | 1 5 | 16 43 | 2 23 | 5 52 | 0 44 | 7 35 | 0 47 | 21 1 | 0 10 | 6 52 | 6 56 | 11 52 | 17 11 | 5 8 |
| T 10 | 4 10 | 3 36 | 0s59 | 3 7 | 0 43 | 12 29 | 0 42 | 18 59 | 1 22 | 2 47 | 1 5 | 16 43 | 2 24 | 5 50 | 0 44 | 7 36 | 0 47 | 21 1 | 0 10 | 6 52 | 6 58 | 11 51 | 17 11 | 5 7 |
| W11 | 3 47 | 0n11 | 2 3 | 3 54 | 0 57 | 12 57 | 0 46 | 19 4 | 1 21 | 2 52 | 1 5 | 16 42 | 2 24 | 5 49 | 0 44 | 7 37 | 0 47 | 21 2 | 0 9 | 6 53 | 6 59 | 11 50 | 17 12 | 5 7 |
| T 12 | 3 23 | 4 0 | 3 2 | 4 40 | 1 11 | 13 25 | 0 50 | 19 8 | 1 20 | 2 58 | 1 5 | 16 42 | 2 24 | 5 48 | 0 44 | 7 37 | 0 47 | 21 2 | 0 9 | 6 53 | 7 0 | 11 48 | 17 12 | 5 7 |
| F 13 | 3 0 | 7 42 | 3 53 | 5 23 | 1 25 | 13 52 | 0 54 | 19 12 | 1 20 | 3 4 | 1 5 | 16 42 | 2 24 | 5 46 | 0 44 | 7 38 | 0 47 | 21 2 | 0 9 | 6 54 | 7 1 | 11 47 | 17 13 | 5 7 |
| S 14 | 2 36 | 11 7 | 4 34 | 6 3 | 1 38 | 14 19 | 0 58 | 19 17 | 1 19 | 3 9 | 1 4 | 16 41 | 2 24 | 5 45 | 0 44 | 7 39 | 0 47 | 21 2 | 0 9 | 6 54 | 7 3 | 11 45 | 17 13 | 5 6 |
| S 15 | 2 12 | 14 5 | 5 3 | 6 41 | 1 52 | 14 46 | 1 2 | 19 21 | 1 19 | 3 15 | 1 4 | 16 41 | 2 25 | 5 44 | 0 44 | 7 39 | 0 47 | 21 2 | 0 9 | 6 55 | 7 4 | 11 44 | 17 14 | 5 6 |
| M16 | 1 48 | 16 24 | 5 16 | 7 16 | 2 5 | 15 12 | 1 7 | 19 25 | 1 18 | 3 21 | 1 4 | 16 40 | 2 25 | 5 42 | 0 44 | 7 40 | 0 47 | 21 3 | 0 9 | 6 55 | 7 5 | 11 43 | 17 14 | 5 6 |
| T 17 | 1 25 | 17 54 | 5 13 | 7 47 | 2 18 | 15 38 | 1 11 | 19 29 | 1 17 | 3 26 | 1 4 | 16 40 | 2 25 | 5 41 | 0 44 | 7 41 | 0 47 | 21 3 | 0 9 | 6 55 | 7 6 | 11 41 | 17 15 | 5 5 |
| W18 | 1 1 | 18 25 | 4 52 | 8 14 | 2 30 | 16 4 | 1 15 | 19 33 | 1 17 | 3 32 | 1 4 | 16 39 | 2 25 | 5 40 | 0 44 | 7 41 | 0 47 | 21 3 | 0 9 | 6 55 | 7 7 | 11 40 | 17 15 | 5 5 |
| T 19 | 0 37 | 17 49 | 4 14 | 8 38 | 2 42 | 16 29 | 1 19 | 19 36 | 1 16 | 3 37 | 1 4 | 16 39 | 2 25 | 5 38 | 0 44 | 7 42 | 0 47 | 21 3 | 0 9 | 6 55 | 7 9 | 11 38 | 17 16 | 5 5 |
| F 20 | 0 13 | 16 5 | 3 19 | 8 57 | 2 52 | 16 54 | 1 24 | 19 40 | 1 15 | 3 43 | 1 4 | 16 38 | 2 26 | 5 37 | 0 45 | 7 42 | 0 47 | 21 3 | 0 9 | 6 55 | 7 10 | 11 37 | 17 16 | 5 5 |
| S 21 | 0n10 | 13 17 | 2 10 | 9 12 | 3 2 | 17 19 | 1 28 | 19 44 | 1 14 | 3 49 | 1 4 | 16 38 | 2 26 | 5 36 | 0 45 | 7 43 | 0 47 | 21 3 | 0 9 | 6 54 | 7 11 | 11 35 | 17 17 | 5 4 |
| S 22 | 0 34 | 9 33 | 0 51 | 9 23 | 3 10 | 17 43 | 1 32 | 19 47 | 1 14 | 3 54 | 1 4 | 16 37 | 2 26 | 5 34 | 0 45 | 7 44 | 0 47 | 21 3 | 0 9 | 6 54 | 7 12 | 11 34 | 17 17 | 5 4 |
| M23 | 0 58 | 5 12 | 0n31 | 9 29 | 3 17 | 18 7 | 1 36 | 19 51 | 1 13 | 4 0 | 1 4 | 16 37 | 2 26 | 5 33 | 0 45 | 7 44 | 0 47 | 21 4 | 0 9 | 6 54 | 7 13 | 11 33 | 17 18 | 5 4 |
| T 24 | 1 21 | 0 31 | 1 51 | 9 31 | 3 23 | 18 30 | 1 41 | 19 54 | 1 12 | 4 6 | 1 4 | 16 36 | 2 26 | 5 32 | 0 45 | 7 45 | 0 47 | 21 4 | 0 9 | 6 54 | 7 15 | 11 31 | 17 18 | 5 4 |
| W25 | 1 45 | 4s 8 | 3 3 | 9 28 | 3 26 | 18 53 | 1 45 | 19 57 | 1 11 | 4 11 | 1 4 | 16 35 | 2 27 | 5 31 | 0 45 | 7 45 | 0 47 | 21 4 | 0 9 | 6 55 | 7 16 | 11 30 | 17 19 | 5 3 |
| T 26 | 2 9 | 8 26 | 4 1 | 9 20 | 3 29 | 19 16 | 1 49 | 20 0 | 1 10 | 4 17 | 1 4 | 16 35 | 2 27 | 5 29 | 0 45 | 7 46 | 0 47 | 21 4 | 0 8 | 6 56 | 7 17 | 11 28 | 17 19 | 5 3 |
| F 27 | 2 32 | 12 9 | 4 43 | 9 9 | 3 29 | 19 38 | 1 53 | 20 4 | 1 9 | 4 23 | 1 4 | 16 34 | 2 27 | 5 28 | 0 45 | 7 46 | 0 47 | 21 4 | 0 8 | 6 57 | 7 18 | 11 27 | 17 20 | 5 3 |
| S 28 | 2 56 | 15 5 | 5 8 | 8 53 | 3 28 | 20 0 | 1 57 | 20 7 | 1 8 | 4 28 | 1 4 | 16 33 | 2 27 | 5 27 | 0 45 | 7 47 | 0 47 | 21 4 | 0 8 | 6 59 | 7 19 | 11 25 | 17 21 | 5 3 |
| S 29 | 3 19 | 17 7 | 5 15 | 8 33 | 3 24 | 20 21 | 2 2 | 20 10 | 1 7 | 4 34 | 1 4 | 16 33 | 2 27 | 5 25 | 0 45 | 7 48 | 0 47 | 21 4 | 0 8 | 7 0 | 7 21 | 11 24 | 17 21 | 5 2 |
| M30 | 3 43 | 18 14 | 5 6 | 8 10 | 3 19 | 20 42 | 2 6 | 20 12 | 1 6 | 4 39 | 1 4 | 16 32 | 2 27 | 5 24 | 0 45 | 7 48 | 0 47 | 21 4 | 0 8 | 7 1 | 7 22 | 11 23 | 17 22 | 5 2 |
| T 31 | 4n 6 | 18s25 | 4n42 | 7n45 | 3n12 | 21n 2 | 2n10 | 20s15 | 1n 5 | 4n45 | 1s 4 | 16s31 | 2n27 | 5s23 | 0s45 | 7n49 | 0n47 | 21n 4 | 0s 8 | 7n 1 | 7n23 | 11s21 | 17n22 | 5s 2 |

Julian Day Number = 2607197.5, Delta T = 09m55s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'55, Lahiri = 29°48'56


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## APRIL 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 38 0 | 11♈22'00 | 20♉37 | 11°R17 | 25♉57 | 6♐34 | 14♈49 | 24°R41 | 18♓ 9 | 11°R53 | 24°R17 | 12♍ 5 | 11♍ 3 | 26♒55 | 13♊33 | W 1 |
| T 2 | 12 41 57 | 12°21'28 | 2♒33 | 10♈24 | 27° 2 | 6°44 | 15° 4 | 24♏38 | 18°12 | 11♍51 | 24♋17 | 12° 6 | 11° 0 | 27° 1 | 13°36 | T 2 |
| F 3 | 12 45 53 | 13°20'53 | 14°23 | 9°32 | 28° 7 | 6°52 | 15°19 | 24°36 | 18°15 | 11°50 | 24°16 | 12° 8 | 10°57 | 27° 8 | 13°39 | F 3 |
| S 4 | 12 49 50 | 14°20'17 | 26° 9 | 8°41 | 29°12 | 7° 0 | 15°33 | 24°33 | 18°18 | 11°49 | 24°16 | 12°10 | 10°54 | 27°14 | 13°42 | S 4 |
| S 5 | 12 53 46 | 15°19'39 | 7♓58 | 7°52 | 0♊17 | 7° 8 | 15°48 | 24°30 | 18°21 | 11°47 | 24°16 | 12°R11 | 10°50 | 27°21 | 13°45 | S 5 |
| M 6 | 12 57 43 | 16°19'00 | 19°51 | 7° 6 | 1°21 | 7°15 | 16° 2 | 24°27 | 18°25 | 11°46 | 24°16 | 12°11 | 10°47 | 27°28 | 13°48 | M 6 |
| T 7 | 13 1 39 | 17°18'18 | 1♈54 | 6°24 | 2°25 | 7°21 | 16°17 | 24°24 | 18°28 | 11°45 | 24°D16 | 12° 9 | 10°44 | 27°34 | 13°51 | T 7 |
| W 8 | 13 5 36 | 18°17'34 | 14° 6 | 5°46 | 3°29 | 7°26 | 16°31 | 24°21 | 18°31 | 11°43 | 24°16 | 12° 5 | 10°41 | 27°41 | 13°55 | W 8 |
| T 9 | 13 9 33 | 19°16'48 | 26°31 | 5°13 | 4°32 | 7°31 | 16°46 | 24°17 | 18°34 | 11°42 | 24°16 | 12° 0 | 10°38 | 27°48 | 13°58 | T 9 |
| F 10 | 13 13 29 | 20°16'00 | 9♉ 9 | 4°45 | 5°35 | 7°35 | 17° 0 | 24°14 | 18°37 | 11°41 | 24°16 | 11°53 | 10°35 | 27°54 | 14° 1 | F 10 |
| S 11 | 13 17 26 | 21°15'11 | 22° 1 | 4°22 | 6°38 | 7°39 | 17°15 | 24°11 | 18°40 | 11°40 | 24°16 | 11°46 | 10°31 | 28° 1 | 14° 5 | S 11 |
| S 12 | 13 21 22 | 22°14'19 | 5♊ 5 | 4° 5 | 7°41 | 7°41 | 17°29 | 24° 7 | 18°43 | 11°38 | 24°17 | 11°40 | 10°28 | 28° 8 | 14° 8 | S 12 |
| M13 | 13 25 19 | 23°13'25 | 18°23 | 3°53 | 8°43 | 7°43 | 17°44 | 24° 4 | 18°46 | 11°37 | 24°17 | 11°34 | 10°25 | 28°14 | 14°12 | M13 |
| T 14 | 13 29 15 | 24°12'28 | 1♋53 | 3°48 | 9°45 | 7°45 | 17°59 | 24° 0 | 18°49 | 11°36 | 24°17 | 11°30 | 10°22 | 28°21 | 14°15 | T 14 |
| W15 | 13 33 12 | 25°11'30 | 15°36 | 3°D47 | 10°46 | 7°R45 | 18°13 | 23°57 | 18°52 | 11°35 | 24°17 | 11°28 | 10°19 | 28°28 | 14°19 | W15 |
| T 16 | 13 37 8 | 26°10'29 | 29°31 | 3°52 | 11°47 | 7°45 | 18°28 | 23°53 | 18°55 | 11°34 | 24°17 | 11°D28 | 10°15 | 28°34 | 14°22 | T 16 |
| F 17 | 13 41 5 | 27° 9'25 | 13♌39 | 4° 2 | 12°48 | 7°44 | 18°42 | 23°49 | 18°58 | 11°33 | 24°17 | 11°28 | 10°12 | 28°41 | 14°26 | F 17 |
| S 18 | 13 45 2 | 28° 8'20 | 27°58 | 4°17 | 13°49 | 7°43 | 18°56 | 23°45 | 19° 1 | 11°32 | 24°18 | 11°30 | 10° 9 | 28°48 | 14°30 | S 18 |
| S 19 | 13 48 58 | 29° 7'12 | 12♍26 | 4°37 | 14°49 | 7°40 | 19°11 | 23°41 | 19° 3 | 11°31 | 24°18 | 11°R30 | 10° 6 | 28°54 | 14°34 | S 19 |
| M20 | 13 52 55 | 0♉ 6'01 | 26°59 | 5° 1 | 15°48 | 7°37 | 19°25 | 23°38 | 19° 6 | 11°30 | 24°18 | 11°29 | 10° 3 | 29° 1 | 14°38 | M20 |
| T 21 | 13 56 51 | 1° 4'49 | 11♎33 | 5°30 | 16°47 | 7°33 | 19°40 | 23°34 | 19° 9 | 11°29 | 24°19 | 11°26 | 10° 0 | 29° 7 | 14°41 | T 21 |
| W22 | 14 0 48 | 2° 3'34 | 26° 1 | 6° 4 | 17°46 | 7°29 | 19°54 | 23°30 | 19°12 | 11°28 | 24°19 | 11°21 | 9°56 | 29°14 | 14°45 | W22 |
| T 23 | 14 4 44 | 3° 2'18 | 10♏18 | 6°41 | 18°44 | 7°23 | 20° 8 | 23°25 | 19°14 | 11°27 | 24°19 | 11°13 | 9°53 | 29°21 | 14°49 | T 23 |
| F 24 | 14 8 41 | 4° 1'00 | 24°17 | 7°22 | 19°42 | 7°17 | 20°23 | 23°21 | 19°17 | 11°26 | 24°20 | 11° 5 | 9°50 | 29°27 | 14°53 | F 24 |
| S 25 | 14 12 37 | 4°59'40 | 7♐55 | 8° 6 | 20°39 | 7°10 | 20°37 | 23°17 | 19°20 | 11°25 | 24°20 | 10°56 | 9°47 | 29°34 | 14°57 | S 25 |
| S 26 | 14 16 34 | 5°58'18 | 21° 9 | 8°55 | 21°36 | 7° 3 | 20°51 | 23°13 | 19°22 | 11°24 | 24°21 | 10°48 | 9°44 | 29°41 | 15° 2 | S 26 |
| M27 | 14 20 30 | 6°56'54 | 3♑59 | 9°46 | 22°32 | 6°54 | 21° 6 | 23° 9 | 19°25 | 11°23 | 24°21 | 10°41 | 9°41 | 29°47 | 15° 6 | M27 |
| T 28 | 14 24 27 | 7°55'29 | 16°28 | 10°41 | 23°28 | 6°45 | 21°20 | 23° 5 | 19°28 | 11°23 | 24°22 | 10°36 | 9°37 | 29°54 | 15°10 | T 28 |
| W29 | 14 28 24 | 8°54'02 | 28°39 | 11°39 | 24°23 | 6°35 | 21°34 | 23° 0 | 19°30 | 11°22 | 24°22 | 10°34 | 9°34 | 0♓ 1 | 15°14 | W29 |
| T 30 | 14 32 20 | 9♉52'34 | 10♒38 | 12♈39 | 25♊17 | 6♐24 | 21♈48 | 22♏56 | 19♓33 | 11♍21 | 24♋23 | 10°D33 | 9♍31 | 0♓ 7 | 15♊18 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n29 | 17s45 | 4n 6 | 7n16 | 3n 4 | 21n22 | 2n14 | 20s18 | 1n 4 | 4n51 | 1s 4 | 16s30 | 2n28 | 5s22 | 0s45 | 7n49 | 0n47 | 21n 5 | 0s 8 | 7n 1 | 7n24 | 11s20 | 17n23 | 5s 2 |
| T 2 | 4 52 | 16 17 | 3 21 | 6 46 | 2 54 | 21 41 | 2 18 | 20 21 | 1 3 | 4 56 | 1 4 | 16 30 | 2 28 | 5 20 | 0 45 | 7 50 | 0 47 | 21 5 | 0 8 | 7 0 | 7 25 | 11 18 | 17 23 | 5 1 |
| F 3 | 5 15 | 14 8 | 2 27 | 6 15 | 2 42 | 22 0 | 2 22 | 20 23 | 1 2 | 5 2 | 1 4 | 16 29 | 2 28 | 5 19 | 0 45 | 7 50 | 0 47 | 21 5 | 0 8 | 7 0 | 7 27 | 11 17 | 17 24 | 5 1 |
| S 4 | 5 38 | 11 24 | 1 27 | 5 43 | 2 29 | 22 18 | 2 26 | 20 26 | 1 1 | 5 8 | 1 4 | 16 28 | 2 28 | 5 18 | 0 45 | 7 51 | 0 47 | 21 5 | 0 8 | 6 59 | 7 28 | 11 15 | 17 25 | 5 1 |
| S 5 | 6 1 | 8 12 | 0 23 | 5 11 | 2 15 | 22 36 | 2 30 | 20 28 | 1 0 | 5 13 | 1 4 | 16 27 | 2 28 | 5 17 | 0 45 | 7 51 | 0 47 | 21 5 | 0 8 | 6 59 | 7 29 | 11 14 | 17 25 | 5 1 |
| M 6 | 6 24 | 4 39 | 0s42 | 4 39 | 2 0 | 22 53 | 2 34 | 20 30 | 0 58 | 5 19 | 1 4 | 16 26 | 2 28 | 5 16 | 0 45 | 7 52 | 0 47 | 21 5 | 0 8 | 6 59 | 7 30 | 11 12 | 17 26 | 5 0 |
| T 7 | 6 47 | 0 52 | 1 46 | 4 9 | 1 45 | 23 10 | 2 37 | 20 33 | 0 57 | 5 24 | 1 4 | 16 25 | 2 29 | 5 14 | 0 45 | 7 52 | 0 47 | 21 5 | 0 8 | 6 59 | 7 31 | 11 11 | 17 26 | 5 0 |
| W 8 | 7 9 | 3n 0 | 2 45 | 3 39 | 1 29 | 23 26 | 2 41 | 20 35 | 0 56 | 5 30 | 1 4 | 16 24 | 2 29 | 5 13 | 0 45 | 7 53 | 0 47 | 21 5 | 0 8 | 7 1 | 7 33 | 11 10 | 17 27 | 5 0 |
| T 9 | 7 32 | 6 49 | 3 38 | 3 11 | 1 13 | 23 42 | 2 45 | 20 37 | 0 54 | 5 35 | 1 4 | 16 24 | 2 29 | 5 12 | 0 45 | 7 53 | 0 47 | 21 5 | 0 8 | 7 3 | 7 34 | 11 8 | 17 27 | 5 0 |
| F 10 | 7 54 | 10 23 | 4 21 | 2 45 | 0 57 | 23 57 | 2 49 | 20 39 | 0 53 | 5 41 | 1 4 | 16 23 | 2 29 | 5 11 | 0 45 | 7 54 | 0 47 | 21 5 | 0 8 | 7 5 | 7 35 | 11 7 | 17 28 | 5 0 |
| S 11 | 8 16 | 13 31 | 4 52 | 2 22 | 0 41 | 24 12 | 2 52 | 20 41 | 0 51 | 5 46 | 1 4 | 16 22 | 2 29 | 5 10 | 0 45 | 7 54 | 0 47 | 21 5 | 0 7 | 7 8 | 7 36 | 11 5 | 17 29 | 4 59 |
| S 12 | 8 38 | 16 3 | 5 8 | 2 0 | 0 25 | 24 26 | 2 56 | 20 43 | 0 50 | 5 52 | 1 4 | 16 21 | 2 29 | 5 8 | 0 45 | 7 55 | 0 47 | 21 5 | 0 7 | 7 10 | 7 37 | 11 4 | 17 29 | 4 59 |
| M13 | 9 0 | 17 46 | 5 8 | 1 41 | 0 10 | 24 39 | 2 59 | 20 45 | 0 48 | 5 58 | 1 4 | 16 20 | 2 29 | 5 7 | 0 45 | 7 55 | 0 47 | 21 5 | 0 7 | 7 12 | 7 39 | 11 2 | 17 30 | 4 59 |
| T 14 | 9 22 | 18 31 | 4 51 | 1 25 | 0s 5 | 24 52 | 3 3 | 20 47 | 0 47 | 6 3 | 1 4 | 16 19 | 2 29 | 5 6 | 0 45 | 7 56 | 0 47 | 21 5 | 0 7 | 7 14 | 7 40 | 11 1 | 17 30 | 4 59 |
| W15 | 9 43 | 18 13 | 4 17 | 1 12 | 0 20 | 25 4 | 3 6 | 20 48 | 0 45 | 6 9 | 1 4 | 16 18 | 2 29 | 5 5 | 0 45 | 7 56 | 0 47 | 21 5 | 0 7 | 7 15 | 7 41 | 10 59 | 17 31 | 4 59 |
| T 16 | 10 5 | 16 49 | 3 28 | 1 1 | 0 34 | 25 16 | 3 9 | 20 50 | 0 44 | 6 14 | 1 4 | 16 17 | 2 30 | 5 4 | 0 45 | 7 56 | 0 47 | 21 5 | 0 7 | 7 15 | 7 42 | 10 58 | 17 32 | 4 58 |
| F 17 | 10 26 | 14 22 | 2 25 | 0 52 | 0 48 | 25 27 | 3 12 | 20 52 | 0 42 | 6 19 | 1 4 | 16 16 | 2 30 | 5 3 | 0 45 | 7 57 | 0 47 | 21 5 | 0 7 | 7 15 | 7 43 | 10 56 | 17 32 | 4 58 |
| S 18 | 10 47 | 11 1 | 1 13 | 0 46 | 1 0 | 25 38 | 3 15 | 20 53 | 0 40 | 6 25 | 1 4 | 16 15 | 2 30 | 5 2 | 0 45 | 7 57 | 0 47 | 21 5 | 0 7 | 7 14 | 7 45 | 10 55 | 17 33 | 4 58 |
| S 19 | 11 8 | 6 57 | 0n 5 | 0 43 | 1 13 | 25 48 | 3 18 | 20 54 | 0 38 | 6 30 | 1 4 | 16 14 | 2 30 | 5 1 | 0 45 | 7 58 | 0 47 | 21 5 | 0 7 | 7 14 | 7 46 | 10 53 | 17 33 | 4 58 |
| M20 | 11 29 | 2 28 | 1 23 | 0 42 | 1 24 | 25 58 | 3 21 | 20 56 | 0 36 | 6 36 | 1 4 | 16 13 | 2 30 | 5 0 | 0 45 | 7 58 | 0 47 | 21 5 | 0 7 | 7 14 | 7 47 | 10 52 | 17 34 | 4 58 |
| T 21 | 11 49 | 2s11 | 2 35 | 0 44 | 1 35 | 26 7 | 3 24 | 20 57 | 0 35 | 6 41 | 1 4 | 16 12 | 2 30 | 4 58 | 0 45 | 7 58 | 0 47 | 21 5 | 0 7 | 7 16 | 7 48 | 10 50 | 17 35 | 4 58 |
| W22 | 12 10 | 6 40 | 3 36 | 0 48 | 1 45 | 26 15 | 3 27 | 20 58 | 0 33 | 6 47 | 1 4 | 16 11 | 2 30 | 4 57 | 0 45 | 7 59 | 0 47 | 21 5 | 0 7 | 7 18 | 7 49 | 10 49 | 17 35 | 4 57 |
| T 23 | 12 30 | 10 42 | 4 23 | 0 54 | 1 54 | 26 23 | 3 29 | 20 59 | 0 31 | 6 52 | 1 4 | 16 10 | 2 30 | 4 56 | 0 45 | 7 59 | 0 47 | 21 5 | 0 7 | 7 20 | 7 51 | 10 47 | 17 36 | 4 57 |
| F 24 | 12 50 | 14 3 | 4 54 | 1 2 | 2 3 | 26 30 | 3 32 | 21 0 | 0 29 | 6 57 | 1 4 | 16 9 | 2 30 | 4 55 | 0 45 | 7 59 | 0 47 | 21 5 | 0 7 | 7 24 | 7 52 | 10 46 | 17 36 | 4 57 |
| S 25 | 13 9 | 16 32 | 5 6 | 1 12 | 2 11 | 26 37 | 3 34 | 21 1 | 0 26 | 7 3 | 1 4 | 16 7 | 2 30 | 4 54 | 0 45 | 8 0 | 0 47 | 21 5 | 0 7 | 7 27 | 7 53 | 10 44 | 17 37 | 4 57 |
| S 26 | 13 29 | 18 4 | 5 2 | 1 24 | 2 18 | 26 43 | 3 36 | 21 2 | 0 24 | 7 8 | 1 4 | 16 6 | 2 30 | 4 53 | 0 45 | 8 0 | 0 47 | 21 5 | 0 6 | 7 30 | 7 54 | 10 43 | 17 37 | 4 57 |
| M27 | 13 48 | 18 38 | 4 42 | 1 38 | 2 25 | 26 49 | 3 39 | 21 3 | 0 22 | 7 13 | 1 4 | 16 5 | 2 30 | 4 52 | 0 45 | 8 0 | 0 47 | 21 5 | 0 6 | 7 33 | 7 55 | 10 41 | 17 38 | 4 57 |
| T 28 | 14 7 | 18 15 | 4 9 | 1 54 | 2 31 | 26 54 | 3 41 | 21 3 | 0 20 | 7 18 | 1 4 | 16 4 | 2 30 | 4 51 | 0 45 | 8 0 | 0 47 | 21 5 | 0 6 | 7 34 | 7 57 | 10 40 | 17 39 | 4 57 |
| W29 | 14 26 | 17 2 | 3 25 | 2 12 | 2 36 | 26 58 | 3 43 | 21 4 | 0 18 | 7 24 | 1 4 | 16 3 | 2 30 | 4 50 | 0 45 | 8 1 | 0 47 | 21 5 | 0 6 | 7 35 | 7 58 | 10 38 | 17 39 | 4 56 |
| T 30 | 14n44 | 15s 4 | 2n34 | 2n31 | 2s41 | 27n 2 | 3n44 | 21s 4 | 0n15 | 7n29 | 1s 4 | 16s 2 | 2n30 | 4s49 | 0s45 | 8n 1 | 0n47 | 21n 5 | 0s 6 | 7n36 | 7n59 | 10s37 | 17n40 | 4s56 |

Julian Day Number = 2607228.5, Delta T = 09m55s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°41'59, Lahiri = 29°49'00


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## MAY 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 36 17 | 10♉51'04 | 22♒28 | 13♈43 | 26♊11 | 6°R13 | 22♈ 2 | 22°R52 | 19♓35 | 11°R21 | 24♋23 | 10♍34 | 9♍28 | 0♓14 | 15♊23 | F 1 |
| S 2 | 14 40 13 | 11°49'32 | 4♓15 | 14°49 | 27° 5 | 6♐ 1 | 22°17 | 22♏47 | 19°37 | 11♍20 | 24°24 | 10°35 | 9°25 | 0°21 | 15°27 | S 2 |
| S 3 | 14 44 10 | 12°47'58 | 16° 6 | 15°57 | 27°58 | 5°48 | 22°31 | 22°43 | 19°40 | 11°19 | 24°24 | 10°R35 | 9°21 | 0°27 | 15°31 | S 3 |
| M 4 | 14 48 6 | 13°46'23 | 28° 4 | 17° 9 | 28°50 | 5°34 | 22°45 | 22°38 | 19°42 | 11°19 | 24°25 | 10°33 | 9°18 | 0°34 | 15°36 | M 4 |
| T 5 | 14 52 3 | 14°44'47 | 10♈13 | 18°22 | 29°41 | 5°20 | 22°59 | 22°34 | 19°45 | 11°18 | 24°26 | 10°29 | 9°15 | 0°41 | 15°40 | T 5 |
| W 6 | 14 55 59 | 15°43'08 | 22°37 | 19°38 | 0♋32 | 5° 5 | 23°13 | 22°29 | 19°47 | 11°18 | 24°26 | 10°23 | 9°12 | 0°47 | 15°44 | W 6 |
| T 7 | 14 59 56 | 16°41'28 | 5♉18 | 20°56 | 1°22 | 4°49 | 23°27 | 22°25 | 19°49 | 11°17 | 24°27 | 10°14 | 9° 9 | 0°54 | 15°49 | T 7 |
| F 8 | 15 3 53 | 17°39'47 | 18°15 | 22°16 | 2°11 | 4°33 | 23°41 | 22°20 | 19°51 | 11°17 | 24°28 | 10° 3 | 9° 6 | 1° 0 | 15°53 | F 8 |
| S 9 | 15 7 49 | 18°38'03 | 1♊29 | 23°39 | 3° 0 | 4°16 | 23°54 | 22°16 | 19°53 | 11°16 | 24°29 | 9°52 | 9° 2 | 1° 7 | 15°58 | S 9 |
| S 10 | 15 11 46 | 19°36'18 | 14°58 | 25° 3 | 3°48 | 3°59 | 24° 8 | 22°11 | 19°56 | 11°16 | 24°29 | 9°40 | 8°59 | 1°14 | 16° 3 | S 10 |
| M11 | 15 15 42 | 20°34'31 | 28°38 | 26°30 | 4°34 | 3°41 | 24°22 | 22° 7 | 19°58 | 11°15 | 24°30 | 9°31 | 8°56 | 1°20 | 16° 7 | M11 |
| T 12 | 15 19 39 | 21°32'42 | 12♋27 | 27°59 | 5°20 | 3°22 | 24°36 | 22° 2 | 20° 0 | 11°15 | 24°31 | 9°23 | 8°53 | 1°27 | 16°12 | T 12 |
| W13 | 15 23 35 | 22°30'51 | 26°24 | 29°30 | 6° 6 | 3° 3 | 24°50 | 21°58 | 20° 2 | 11°15 | 24°32 | 9°18 | 8°50 | 1°34 | 16°16 | W13 |
| T 14 | 15 27 32 | 23°28'59 | 10♌25 | 1♉ 2 | 6°50 | 2°44 | 25° 3 | 21°53 | 20° 4 | 11°14 | 24°33 | 9°16 | 8°47 | 1°40 | 16°21 | T 14 |
| F 15 | 15 31 28 | 24°27'04 | 24°30 | 2°37 | 7°33 | 2°24 | 25°17 | 21°49 | 20° 6 | 11°14 | 24°33 | 9°D15 | 8°43 | 1°47 | 16°26 | F 15 |
| S 16 | 15 35 25 | 25°25'07 | 8♍38 | 4°14 | 8°15 | 2° 4 | 25°30 | 21°44 | 20° 7 | 11°14 | 24°34 | 9°R15 | 8°40 | 1°54 | 16°31 | S 16 |
| S 17 | 15 39 22 | 26°23'08 | 22°48 | 5°53 | 8°56 | 1°43 | 25°44 | 21°40 | 20° 9 | 11°14 | 24°35 | 9°15 | 8°37 | 2° 0 | 16°35 | S 17 |
| M18 | 15 43 18 | 27°21'08 | 6♎58 | 7°33 | 9°36 | 1°23 | 25°57 | 21°35 | 20°11 | 11°14 | 24°36 | 9°13 | 8°34 | 2° 7 | 16°40 | M18 |
| T 19 | 15 47 15 | 28°19'05 | 21° 6 | 9°16 | 10°15 | 1° 2 | 26°11 | 21°31 | 20°13 | 11°13 | 24°37 | 9° 8 | 8°31 | 2°14 | 16°45 | T 19 |
| W20 | 15 51 11 | 29°17'01 | 5♏ 9 | 11° 1 | 10°53 | 0°40 | 26°24 | 21°26 | 20°15 | 11°13 | 24°38 | 9° 0 | 8°27 | 2°20 | 16°50 | W20 |
| T 21 | 15 55 8 | 0♊14'56 | 19° 2 | 12°47 | 11°29 | 0°19 | 26°37 | 21°22 | 20°16 | 11°13 | 24°39 | 8°50 | 8°24 | 2°27 | 16°54 | T 21 |
| F 22 | 15 59 4 | 1°12'48 | 2♐42 | 14°36 | 12° 4 | 29♏58 | 26°50 | 21°17 | 20°18 | 11°D13 | 24°40 | 8°38 | 8°21 | 2°33 | 16°59 | F 22 |
| S 23 | 16 3 1 | 2°10'40 | 16° 6 | 16°27 | 12°38 | 29°36 | 27° 4 | 21°13 | 20°19 | 11°13 | 24°41 | 8°26 | 8°18 | 2°40 | 17° 4 | S 23 |
| S 24 | 16 6 57 | 3° 8'30 | 29°10 | 18°20 | 13°10 | 29°14 | 27°17 | 21° 8 | 20°21 | 11°13 | 24°42 | 8°14 | 8°15 | 2°47 | 17° 9 | S 24 |
| M25 | 16 10 54 | 4° 6'18 | 11♑55 | 20°14 | 13°41 | 28°53 | 27°30 | 21° 4 | 20°23 | 11°13 | 24°43 | 8° 4 | 8°12 | 2°53 | 17°14 | M25 |
| T 26 | 16 14 51 | 5° 4'06 | 24°21 | 22°11 | 14°11 | 28°31 | 27°43 | 21° 0 | 20°24 | 11°14 | 24°44 | 7°57 | 8° 8 | 3° 0 | 17°19 | T 26 |
| W27 | 16 18 47 | 6° 1'52 | 6♒32 | 24°10 | 14°39 | 28°10 | 27°56 | 20°55 | 20°25 | 11°14 | 24°45 | 7°52 | 8° 5 | 3° 7 | 17°24 | W27 |
| T 28 | 16 22 44 | 6°59'37 | 18°30 | 26°10 | 15° 5 | 27°48 | 28° 9 | 20°51 | 20°27 | 11°14 | 24°46 | 7°50 | 8° 2 | 3°13 | 17°29 | T 28 |
| F 29 | 16 26 40 | 7°57'21 | 0♓21 | 28°12 | 15°30 | 27°27 | 28°21 | 20°47 | 20°28 | 11°14 | 24°48 | 7°49 | 7°59 | 3°20 | 17°33 | F 29 |
| S 30 | 16 30 37 | 8°55'03 | 12° 9 | 0♊16 | 15°53 | 27° 6 | 28°34 | 20°43 | 20°29 | 11°14 | 24°49 | 7°49 | 7°56 | 3°27 | 17°38 | S 30 |
| S 31 | 16 34 33 | 9♊52'45 | 24♓ 1 | 2♊22 | 16♋14 | 26♏46 | 28♈47 | 20♏38 | 20♓31 | 11♍15 | 24♋50 | 7♍48 | 7♍53 | 3♓33 | 17♊43 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n 3 | 12s29 | 1n36 | 2n52 | 2s45 | 27n 5 | 3n46 | 21s 5 | 0n13 | 7n34 | 1s 4 | 16s 1 | 2n30 | 4s49 | 0s45 | 8n 1 | 0n47 | 21n 5 | 0s 6 | 7n35 | 8n 0 | 10s35 | 17n40 | 4s56 |
| S 2 | 15 21 | 9 24 | 0 34 | 3 14 | 2 48 | 27 8 | 3 47 | 21 5 | 0 11 | 7 39 | 1 4 | 16 0 | 2 31 | 4 48 | 0 45 | 8 1 | 0 47 | 21 5 | 0 6 | 7 35 | 8 1 | 10 34 | 17 41 | 4 56 |
| S 3 | 15 39 | 5 56 | 0s30 | 3 38 | 2 51 | 27 11 | 3 49 | 21 5 | 0 8 | 7 45 | 1 4 | 15 59 | 2 31 | 4 47 | 0 45 | 8 2 | 0 47 | 21 5 | 0 6 | 7 35 | 8 3 | 10 32 | 17 41 | 4 56 |
| M 4 | 15 56 | 2 11 | 1 32 | 4 3 | 2 53 | 27 12 | 3 50 | 21 5 | 0 6 | 7 50 | 1 4 | 15 57 | 2 31 | 4 46 | 0 45 | 8 2 | 0 47 | 21 5 | 0 6 | 7 36 | 8 4 | 10 31 | 17 42 | 4 56 |
| T 5 | 16 13 | 1n43 | 2 31 | 4 29 | 2 55 | 27 14 | 3 51 | 21 5 | 0 3 | 7 55 | 1 5 | 15 56 | 2 31 | 4 45 | 0 45 | 8 2 | 0 47 | 21 5 | 0 6 | 7 37 | 8 5 | 10 29 | 17 43 | 4 56 |
| W 6 | 16 30 | 5 37 | 3 25 | 4 57 | 2 55 | 27 15 | 3 52 | 21 5 | 0 0 | 8 0 | 1 5 | 15 55 | 2 31 | 4 44 | 0 45 | 8 2 | 0 47 | 21 5 | 0 6 | 7 40 | 8 6 | 10 28 | 17 43 | 4 56 |
| T 7 | 16 47 | 9 21 | 4 9 | 5 26 | 2 56 | 27 15 | 3 52 | 21 5 | 0s 2 | 8 5 | 1 5 | 15 54 | 2 31 | 4 43 | 0 45 | 8 3 | 0 47 | 21 5 | 0 6 | 7 43 | 8 7 | 10 26 | 17 44 | 4 56 |
| F 8 | 17 4 | 12 43 | 4 41 | 5 56 | 2 55 | 27 15 | 3 53 | 21 5 | 0 5 | 8 10 | 1 5 | 15 53 | 2 31 | 4 42 | 0 45 | 8 3 | 0 47 | 21 5 | 0 6 | 7 47 | 8 8 | 10 25 | 17 44 | 4 56 |
| S 9 | 17 20 | 15 31 | 4 59 | 6 27 | 2 54 | 27 14 | 3 53 | 21 4 | 0 7 | 8 15 | 1 5 | 15 52 | 2 31 | 4 42 | 0 46 | 8 3 | 0 47 | 21 5 | 0 6 | 7 51 | 8 10 | 10 23 | 17 45 | 4 55 |
| S 10 | 17 36 | 17 33 | 5 1 | 6 59 | 2 53 | 27 13 | 3 53 | 21 4 | 0 10 | 8 20 | 1 5 | 15 51 | 2 31 | 4 41 | 0 46 | 8 3 | 0 47 | 21 5 | 0 6 | 7 55 | 8 11 | 10 22 | 17 45 | 4 55 |
| M11 | 17 51 | 18 36 | 4 46 | 7 33 | 2 51 | 27 11 | 3 53 | 21 3 | 0 13 | 8 25 | 1 5 | 15 50 | 2 30 | 4 40 | 0 46 | 8 3 | 0 47 | 21 5 | 0 6 | 7 59 | 8 12 | 10 20 | 17 46 | 4 55 |
| T 12 | 18 6 | 18 35 | 4 14 | 8 7 | 2 48 | 27 9 | 3 53 | 21 2 | 0 16 | 8 30 | 1 5 | 15 48 | 2 30 | 4 39 | 0 46 | 8 3 | 0 47 | 21 5 | 0 5 | 8 2 | 8 13 | 10 19 | 17 46 | 4 55 |
| W13 | 18 21 | 17 26 | 3 27 | 8 41 | 2 45 | 27 7 | 3 53 | 21 1 | 0 18 | 8 35 | 1 5 | 15 47 | 2 30 | 4 38 | 0 46 | 8 3 | 0 47 | 21 5 | 0 5 | 8 4 | 8 14 | 10 17 | 17 47 | 4 55 |
| T 14 | 18 36 | 15 14 | 2 27 | 9 17 | 2 41 | 27 4 | 3 52 | 21 0 | 0 21 | 8 40 | 1 5 | 15 46 | 2 30 | 4 38 | 0 46 | 8 3 | 0 47 | 21 4 | 0 5 | 8 5 | 8 16 | 10 15 | 17 47 | 4 55 |
| F 15 | 18 50 | 12 6 | 1 18 | 9 53 | 2 37 | 27 1 | 3 51 | 20 59 | 0 24 | 8 45 | 1 5 | 15 45 | 2 30 | 4 37 | 0 46 | 8 3 | 0 47 | 21 4 | 0 5 | 8 5 | 8 17 | 10 14 | 17 48 | 4 55 |
| S 16 | 19 4 | 8 16 | 0 3 | 10 30 | 2 32 | 26 57 | 3 50 | 20 58 | 0 27 | 8 50 | 1 5 | 15 44 | 2 30 | 4 36 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 5 | 8 18 | 10 12 | 17 48 | 4 55 |
| S 17 | 19 18 | 3 57 | 1n11 | 11 8 | 2 27 | 26 53 | 3 49 | 20 57 | 0 30 | 8 54 | 1 5 | 15 43 | 2 30 | 4 36 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 5 | 8 19 | 10 11 | 17 49 | 4 55 |
| M18 | 19 31 | 0s36 | 2 21 | 11 46 | 2 21 | 26 49 | 3 47 | 20 55 | 0 33 | 8 59 | 1 5 | 15 42 | 2 30 | 4 35 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 6 | 8 20 | 10 9 | 17 49 | 4 55 |
| T 19 | 19 44 | 5 5 | 3 22 | 12 25 | 2 15 | 26 44 | 3 45 | 20 54 | 0 36 | 9 4 | 1 5 | 15 41 | 2 30 | 4 34 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 8 | 8 22 | 10 8 | 17 50 | 4 55 |
| W20 | 19 57 | 9 16 | 4 11 | 13 4 | 2 8 | 26 39 | 3 43 | 20 52 | 0 39 | 9 9 | 1 6 | 15 40 | 2 30 | 4 34 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 11 | 8 23 | 10 6 | 17 50 | 4 55 |
| T 21 | 20 9 | 12 53 | 4 43 | 13 43 | 2 1 | 26 33 | 3 41 | 20 51 | 0 41 | 9 13 | 1 6 | 15 39 | 2 30 | 4 33 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 14 | 8 24 | 10 5 | 17 51 | 4 55 |
| F 22 | 20 21 | 15 45 | 4 59 | 14 23 | 1 53 | 26 28 | 3 38 | 20 49 | 0 44 | 9 18 | 1 6 | 15 38 | 2 30 | 4 32 | 0 46 | 8 4 | 0 47 | 21 4 | 0 5 | 8 19 | 8 25 | 10 3 | 17 51 | 4 55 |
| S 23 | 20 33 | 17 43 | 4 58 | 15 2 | 1 45 | 26 22 | 3 36 | 20 47 | 0 47 | 9 23 | 1 6 | 15 36 | 2 30 | 4 32 | 0 46 | 8 4 | 0 47 | 21 3 | 0 5 | 8 23 | 8 26 | 10 2 | 17 52 | 4 55 |
| S 24 | 20 44 | 18 41 | 4 41 | 15 42 | 1 36 | 26 15 | 3 32 | 20 45 | 0 50 | 9 27 | 1 6 | 15 35 | 2 30 | 4 31 | 0 46 | 8 4 | 0 47 | 21 3 | 0 5 | 8 28 | 8 27 | 10 0 | 17 52 | 4 55 |
| M25 | 20 55 | 18 41 | 4 11 | 16 21 | 1 27 | 26 9 | 3 29 | 20 43 | 0 53 | 9 32 | 1 6 | 15 34 | 2 30 | 4 31 | 0 46 | 8 4 | 0 47 | 21 3 | 0 5 | 8 31 | 8 29 | 9 58 | 17 53 | 4 55 |
| T 26 | 21 6 | 17 46 | 3 29 | 17 1 | 1 18 | 26 2 | 3 25 | 20 41 | 0 56 | 9 36 | 1 6 | 15 33 | 2 30 | 4 30 | 0 46 | 8 4 | 0 47 | 21 3 | 0 5 | 8 34 | 8 30 | 9 57 | 17 53 | 4 55 |
| W27 | 21 16 | 16 3 | 2 38 | 17 40 | 1 8 | 25 54 | 3 21 | 20 39 | 0 59 | 9 41 | 1 6 | 15 32 | 2 29 | 4 30 | 0 46 | 8 3 | 0 47 | 21 3 | 0 5 | 8 36 | 8 31 | 9 55 | 17 54 | 4 55 |
| T 28 | 21 26 | 13 39 | 1 41 | 18 18 | 0 59 | 25 47 | 3 16 | 20 37 | 1 2 | 9 45 | 1 6 | 15 31 | 2 29 | 4 29 | 0 46 | 8 3 | 0 47 | 21 3 | 0 4 | 8 37 | 8 32 | 9 54 | 17 54 | 4 55 |
| F 29 | 21 35 | 10 42 | 0 40 | 18 56 | 0 48 | 25 39 | 3 12 | 20 35 | 1 4 | 9 50 | 1 6 | 15 30 | 2 29 | 4 29 | 0 46 | 8 3 | 0 47 | 21 3 | 0 4 | 8 37 | 8 33 | 9 52 | 17 54 | 4 55 |
| S 30 | 21 44 | 7 21 | 0s23 | 19 32 | 0 38 | 25 32 | 3 7 | 20 33 | 1 7 | 9 54 | 1 6 | 15 29 | 2 29 | 4 28 | 0 46 | 8 3 | 0 47 | 21 3 | 0 4 | 8 37 | 8 35 | 9 51 | 17 55 | 4 55 |
| S 31 | 21n53 | 3s40 | 1s25 | 20n 8 | 0s28 | 25n24 | 3n 1 | 20s31 | 1s10 | 9n59 | 1s 7 | 15s28 | 2n29 | 4s28 | 0s46 | 8n 3 | 0n47 | 21n 2 | 0s 4 | 8n37 | 8n36 | 9s49 | 17n55 | 4s55 |

Julian Day Number = 2607258.5, Delta T = 09m55s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'03, Lahiri = 29°49'04


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## JUNE 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 38 30 | 10♊50'26 | 6♈ 1 | 4♊29 | 16♋33 | 26°R25 | 28♈59 | 20°R34 | 20♓32 | 11♍15 | 24♋51 | 7°R47 | 7♍49 | 3♓40 | 17♊48 | M 1 |
| T 2 | 16 42 26 | 11°48'06 | 18°15 | 6°38 | 16°51 | 26♏ 6 | 29°12 | 20♏30 | 20°33 | 11°15 | 24°52 | 7♍43 | 7°46 | 3°47 | 17°53 | T 2 |
| W 3 | 16 46 23 | 12°45'44 | 0♉46 | 8°47 | 17° 6 | 25°46 | 29°24 | 20°26 | 20°34 | 11°16 | 24°53 | 7°36 | 7°43 | 3°53 | 17°58 | W 3 |
| T 4 | 16 50 20 | 13°43'22 | 13°38 | 10°58 | 17°20 | 25°27 | 29°37 | 20°22 | 20°35 | 11°16 | 24°55 | 7°27 | 7°40 | 4° 0 | 18° 3 | T 4 |
| F 5 | 16 54 16 | 14°40'59 | 26°51 | 13° 9 | 17°32 | 25° 8 | 29°49 | 20°18 | 20°36 | 11°16 | 24°56 | 7°16 | 7°37 | 4° 7 | 18° 8 | F 5 |
| S 6 | 16 58 13 | 15°38'35 | 10♊25 | 15°21 | 17°41 | 24°50 | 0♉ 1 | 20°14 | 20°37 | 11°17 | 24°57 | 7° 4 | 7°33 | 4°13 | 18°13 | S 6 |
| S 7 | 17 2 9 | 16°36'10 | 24°17 | 17°33 | 17°48 | 24°33 | 0°13 | 20°11 | 20°38 | 11°17 | 24°58 | 6°52 | 7°30 | 4°20 | 18°18 | S 7 |
| M 8 | 17 6 6 | 17°33'43 | 8♋23 | 19°45 | 17°53 | 24°16 | 0°26 | 20° 7 | 20°39 | 11°18 | 25° 0 | 6°42 | 7°27 | 4°26 | 18°23 | M 8 |
| T 9 | 17 10 2 | 18°31'16 | 22°37 | 21°57 | 17°56 | 23°59 | 0°37 | 20° 3 | 20°40 | 11°18 | 25° 1 | 6°34 | 7°24 | 4°33 | 18°28 | T 9 |
| W10 | 17 13 59 | 19°28'47 | 6♌56 | 24° 8 | 17°R57 | 23°44 | 0°49 | 19°59 | 20°40 | 11°19 | 25° 2 | 6°29 | 7°21 | 4°40 | 18°33 | W10 |
| T 11 | 17 17 56 | 20°26'17 | 21°14 | 26°19 | 17°55 | 23°29 | 1° 1 | 19°56 | 20°41 | 11°20 | 25° 4 | 6°26 | 7°18 | 4°46 | 18°38 | T 11 |
| F 12 | 17 21 52 | 21°23'46 | 5♍28 | 28°28 | 17°50 | 23°15 | 1°13 | 19°52 | 20°42 | 11°20 | 25° 5 | 6°D25 | 7°14 | 4°53 | 18°43 | F 12 |
| S 13 | 17 25 49 | 22°21'13 | 19°37 | 0♋36 | 17°44 | 23° 1 | 1°25 | 19°49 | 20°42 | 11°21 | 25° 6 | 6°R26 | 7°11 | 5° 0 | 18°48 | S 13 |
| S 14 | 17 29 45 | 23°18'39 | 3♎40 | 2°42 | 17°35 | 22°48 | 1°36 | 19°45 | 20°43 | 11°22 | 25° 8 | 6°25 | 7° 8 | 5° 6 | 18°53 | S 14 |
| M15 | 17 33 42 | 24°16'04 | 17°36 | 4°47 | 17°23 | 22°36 | 1°48 | 19°42 | 20°43 | 11°22 | 25° 9 | 6°23 | 7° 5 | 5°13 | 18°58 | M15 |
| T 16 | 17 37 38 | 25°13'28 | 1♏23 | 6°49 | 17° 9 | 22°25 | 1°59 | 19°39 | 20°44 | 11°23 | 25°10 | 6°19 | 7° 2 | 5°20 | 19° 3 | T 16 |
| W17 | 17 41 35 | 26°10'51 | 15° 2 | 8°50 | 16°53 | 22°14 | 2°10 | 19°36 | 20°44 | 11°24 | 25°12 | 6°12 | 6°58 | 5°26 | 19° 8 | W17 |
| T 18 | 17 45 31 | 27° 8'13 | 28°31 | 10°49 | 16°34 | 22° 5 | 2°21 | 19°33 | 20°45 | 11°25 | 25°13 | 6° 3 | 6°55 | 5°33 | 19°13 | T 18 |
| F 19 | 17 49 28 | 28° 5'34 | 11♐47 | 12°45 | 16°13 | 21°56 | 2°33 | 19°30 | 20°45 | 11°26 | 25°15 | 5°52 | 6°52 | 5°40 | 19°18 | F 19 |
| S 20 | 17 53 25 | 29° 2'54 | 24°50 | 14°39 | 15°50 | 21°48 | 2°44 | 19°27 | 20°45 | 11°27 | 25°16 | 5°41 | 6°49 | 5°46 | 19°23 | S 20 |
| S 21 | 17 57 21 | 0♋ 0'14 | 7♑37 | 16°31 | 15°24 | 21°40 | 2°54 | 19°24 | 20°45 | 11°28 | 25°18 | 5°30 | 6°46 | 5°53 | 19°28 | S 21 |
| M22 | 18 1 18 | 0°57'33 | 20°10 | 18°21 | 14°57 | 21°34 | 3° 5 | 19°21 | 20°46 | 11°29 | 25°19 | 5°21 | 6°43 | 5°59 | 19°33 | M22 |
| T 23 | 18 5 14 | 1°54'51 | 2♒28 | 20° 8 | 14°28 | 21°28 | 3°16 | 19°18 | 20°46 | 11°30 | 25°20 | 5°14 | 6°39 | 6° 6 | 19°38 | T 23 |
| W24 | 18 9 11 | 2°52'09 | 14°33 | 21°52 | 13°57 | 21°24 | 3°27 | 19°15 | 20°46 | 11°31 | 25°22 | 5°10 | 6°36 | 6°13 | 19°43 | W24 |
| T 25 | 18 13 7 | 3°49'26 | 26°29 | 23°35 | 13°24 | 21°20 | 3°37 | 19°13 | 20°R46 | 11°32 | 25°23 | 5° 8 | 6°33 | 6°19 | 19°48 | T 25 |
| F 26 | 18 17 4 | 4°46'43 | 8♓18 | 25°15 | 12°50 | 21°16 | 3°47 | 19°10 | 20°46 | 11°33 | 25°25 | 5°D 8 | 6°30 | 6°26 | 19°53 | F 26 |
| S 27 | 18 21 0 | 5°44'00 | 20° 6 | 26°52 | 12°15 | 21°14 | 3°58 | 19° 8 | 20°46 | 11°34 | 25°26 | 5° 8 | 6°27 | 6°33 | 19°57 | S 27 |
| S 28 | 18 24 57 | 6°41'16 | 1♈58 | 28°27 | 11°39 | 21°13 | 4° 8 | 19° 6 | 20°46 | 11°35 | 25°28 | 5°R 9 | 6°24 | 6°39 | 20° 2 | S 28 |
| M29 | 18 28 54 | 7°38'32 | 13°58 | 29°59 | 11° 2 | 21°D12 | 4°18 | 19° 3 | 20°46 | 11°36 | 25°29 | 5° 9 | 6°20 | 6°46 | 20° 7 | M29 |
| T 30 | 18 32 50 | 8♋35'49 | 26♈13 | 1♌29 | 10♋25 | 21♏12 | 4♉28 | 19♏ 1 | 20♓45 | 11♍37 | 25♋31 | 5♍ 7 | 6♍17 | 6♓53 | 20♊12 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 1 | 0n11 | 2s24 | 20n43 | 0s17 | 25n15 | 2n55 | 20s29 | 1s13 | 10n 3 | 1s 7 | 15s27 | 2n29 | 4s27 | 0s46 | 8n 3 | 0n47 | 21n 2 | 0s 4 | 8n38 | 8n37 | 9s47 | 17n56 | 4s55 |
| T 2 | 22 9 | 4 6 | 3 17 | 21 16 | 0 6 | 25 7 | 2 49 | 20 27 | 1 15 | 10 7 | 1 7 | 15 27 | 2 29 | 4 27 | 0 46 | 8 3 | 0 47 | 21 2 | 0 4 | 8 39 | 8 38 | 9 46 | 17 56 | 4 55 |
| W 3 | 22 16 | 7 56 | 4 2 | 21 47 | 0n 4 | 24 58 | 2 42 | 20 25 | 1 18 | 10 12 | 1 7 | 15 26 | 2 29 | 4 26 | 0 46 | 8 3 | 0 47 | 21 2 | 0 4 | 8 42 | 8 39 | 9 44 | 17 56 | 4 55 |
| T 4 | 22 24 | 11 30 | 4 36 | 22 17 | 0 15 | 24 50 | 2 35 | 20 23 | 1 20 | 10 16 | 1 7 | 15 25 | 2 28 | 4 26 | 0 46 | 8 3 | 0 47 | 21 2 | 0 4 | 8 45 | 8 40 | 9 43 | 17 57 | 4 55 |
| F 5 | 22 30 | 14 36 | 4 56 | 22 44 | 0 25 | 24 41 | 2 28 | 20 21 | 1 23 | 10 20 | 1 7 | 15 24 | 2 28 | 4 26 | 0 46 | 8 2 | 0 47 | 21 2 | 0 4 | 8 49 | 8 42 | 9 41 | 17 57 | 4 55 |
| S 6 | 22 37 | 17 0 | 5 0 | 23 10 | 0 35 | 24 32 | 2 20 | 20 19 | 1 26 | 10 24 | 1 7 | 15 23 | 2 28 | 4 25 | 0 46 | 8 2 | 0 47 | 21 1 | 0 4 | 8 54 | 8 43 | 9 40 | 17 58 | 4 55 |
| S 7 | 22 43 | 18 28 | 4 47 | 23 33 | 0 45 | 24 23 | 2 12 | 20 17 | 1 28 | 10 28 | 1 7 | 15 22 | 2 28 | 4 25 | 0 47 | 8 2 | 0 47 | 21 1 | 0 4 | 8 58 | 8 44 | 9 38 | 17 58 | 4 55 |
| M 8 | 22 48 | 18 51 | 4 17 | 23 54 | 0 55 | 24 14 | 2 3 | 20 15 | 1 30 | 10 32 | 1 8 | 15 21 | 2 28 | 4 25 | 0 47 | 8 2 | 0 47 | 21 1 | 0 4 | 9 2 | 8 45 | 9 36 | 17 58 | 4 55 |
| T 9 | 22 53 | 18 2 | 3 30 | 24 12 | 1 4 | 24 4 | 1 54 | 20 13 | 1 33 | 10 36 | 1 8 | 15 20 | 2 28 | 4 24 | 0 47 | 8 1 | 0 47 | 21 1 | 0 4 | 9 5 | 8 46 | 9 35 | 17 59 | 4 55 |
| W10 | 22 58 | 16 5 | 2 30 | 24 27 | 1 12 | 23 55 | 1 45 | 20 12 | 1 35 | 10 40 | 1 8 | 15 20 | 2 27 | 4 24 | 0 47 | 8 1 | 0 47 | 21 1 | 0 4 | 9 7 | 8 48 | 9 33 | 17 59 | 4 56 |
| T 11 | 23 2 | 13 8 | 1 20 | 24 40 | 1 20 | 23 45 | 1 35 | 20 10 | 1 37 | 10 44 | 1 8 | 15 19 | 2 27 | 4 24 | 0 47 | 8 1 | 0 47 | 21 1 | 0 4 | 9 8 | 8 49 | 9 32 | 17 59 | 4 56 |
| F 12 | 23 6 | 9 24 | 0 5 | 24 50 | 1 27 | 23 35 | 1 24 | 20 9 | 1 40 | 10 48 | 1 8 | 15 18 | 2 27 | 4 24 | 0 47 | 8 1 | 0 46 | 21 0 | 0 4 | 9 8 | 8 50 | 9 30 | 18 0 | 4 56 |
| S 13 | 23 10 | 5 10 | 1n10 | 24 57 | 1 34 | 23 26 | 1 14 | 20 7 | 1 42 | 10 52 | 1 8 | 15 17 | 2 27 | 4 24 | 0 47 | 8 0 | 0 46 | 21 0 | 0 3 | 9 8 | 8 51 | 9 28 | 18 0 | 4 56 |
| S 14 | 23 13 | 0 41 | 2 19 | 25 1 | 1 40 | 23 16 | 1 2 | 20 6 | 1 44 | 10 56 | 1 8 | 15 17 | 2 27 | 4 23 | 0 47 | 8 0 | 0 46 | 21 0 | 0 3 | 9 8 | 8 52 | 9 27 | 18 0 | 4 56 |
| M15 | 23 15 | 3s48 | 3 20 | 25 3 | 1 45 | 23 6 | 0 51 | 20 5 | 1 46 | 11 0 | 1 8 | 15 16 | 2 27 | 4 23 | 0 47 | 8 0 | 0 46 | 21 0 | 0 3 | 9 9 | 8 53 | 9 25 | 18 0 | 4 56 |
| T 16 | 23 18 | 8 2 | 4 9 | 25 2 | 1 49 | 22 56 | 0 39 | 20 4 | 1 48 | 11 4 | 1 9 | 15 15 | 2 26 | 4 23 | 0 47 | 8 0 | 0 46 | 21 0 | 0 3 | 9 10 | 8 55 | 9 24 | 18 1 | 4 56 |
| W17 | 23 20 | 11 48 | 4 43 | 24 58 | 1 53 | 22 45 | 0 27 | 20 3 | 1 50 | 11 7 | 1 9 | 15 15 | 2 26 | 4 23 | 0 47 | 7 59 | 0 46 | 20 59 | 0 3 | 9 13 | 8 56 | 9 22 | 18 1 | 4 56 |
| T 18 | 23 21 | 14 54 | 5 0 | 24 52 | 1 56 | 22 35 | 0 14 | 20 3 | 1 52 | 11 11 | 1 9 | 15 14 | 2 26 | 4 23 | 0 47 | 7 59 | 0 46 | 20 59 | 0 3 | 9 16 | 8 57 | 9 20 | 18 1 | 4 56 |
| F 19 | 23 22 | 17 10 | 5 1 | 24 44 | 1 58 | 22 25 | 0 1 | 20 2 | 1 54 | 11 15 | 1 9 | 15 13 | 2 26 | 4 23 | 0 47 | 7 59 | 0 46 | 20 59 | 0 3 | 9 20 | 8 58 | 9 19 | 18 2 | 4 56 |
| S 20 | 23 23 | 18 31 | 4 46 | 24 34 | 2 0 | 22 14 | 0s13 | 20 2 | 1 55 | 11 18 | 1 9 | 15 13 | 2 26 | 4 23 | 0 47 | 7 58 | 0 46 | 20 59 | 0 3 | 9 24 | 8 59 | 9 17 | 18 2 | 4 57 |
| S 21 | 23 23 | 18 53 | 4 17 | 24 21 | 2 0 | 22 4 | 0 26 | 20 1 | 1 57 | 11 22 | 1 9 | 15 12 | 2 25 | 4 23 | 0 47 | 7 58 | 0 46 | 20 59 | 0 3 | 9 28 | 9 0 | 9 16 | 18 2 | 4 57 |
| M22 | 23 23 | 18 19 | 3 36 | 24 7 | 2 0 | 21 53 | 0 40 | 20 1 | 1 59 | 11 25 | 1 9 | 15 12 | 2 25 | 4 23 | 0 47 | 7 57 | 0 46 | 20 59 | 0 3 | 9 32 | 9 2 | 9 14 | 18 2 | 4 57 |
| T 23 | 23 22 | 16 53 | 2 45 | 23 51 | 1 59 | 21 42 | 0 54 | 20 2 | 2 0 | 11 29 | 1 10 | 15 11 | 2 25 | 4 23 | 0 47 | 7 57 | 0 46 | 20 58 | 0 3 | 9 34 | 9 3 | 9 12 | 18 2 | 4 57 |
| W24 | 23 21 | 14 42 | 1 48 | 23 33 | 1 58 | 21 31 | 1 8 | 20 2 | 2 2 | 11 32 | 1 10 | 15 10 | 2 25 | 4 23 | 0 47 | 7 57 | 0 46 | 20 58 | 0 3 | 9 36 | 9 4 | 9 11 | 18 3 | 4 57 |
| T 25 | 23 20 | 11 56 | 0 46 | 23 14 | 1 56 | 21 21 | 1 22 | 20 2 | 2 4 | 11 36 | 1 10 | 15 10 | 2 25 | 4 23 | 0 47 | 7 56 | 0 46 | 20 58 | 0 3 | 9 36 | 9 5 | 9 9 | 18 3 | 4 57 |
| F 26 | 23 18 | 8 42 | 0s17 | 22 53 | 1 53 | 21 10 | 1 37 | 20 3 | 2 5 | 11 39 | 1 10 | 15 10 | 2 24 | 4 23 | 0 47 | 7 56 | 0 46 | 20 58 | 0 3 | 9 37 | 9 6 | 9 7 | 18 3 | 4 58 |
| S 27 | 23 15 | 5 8 | 1 20 | 22 31 | 1 49 | 20 59 | 1 51 | 20 4 | 2 7 | 11 42 | 1 10 | 15 9 | 2 24 | 4 23 | 0 47 | 7 55 | 0 46 | 20 57 | 0 3 | 9 36 | 9 8 | 9 6 | 18 3 | 4 58 |
| S 28 | 23 13 | 1 21 | 2 19 | 22 8 | 1 45 | 20 48 | 2 5 | 20 5 | 2 8 | 11 46 | 1 10 | 15 9 | 2 24 | 4 23 | 0 47 | 7 55 | 0 46 | 20 57 | 0 3 | 9 36 | 9 9 | 9 4 | 18 3 | 4 58 |
| M29 | 23 10 | 2n32 | 3 13 | 21 44 | 1 40 | 20 37 | 2 19 | 20 6 | 2 9 | 11 49 | 1 11 | 15 8 | 2 24 | 4 23 | 0 47 | 7 55 | 0 46 | 20 57 | 0 2 | 9 36 | 9 10 | 9 3 | 18 4 | 4 58 |
| T 30 | 23n 6 | 6n23 | 3s59 | 21n19 | 1n34 | 20n26 | 2s33 | 20s 7 | 2s11 | 11n52 | 1s11 | 15s 8 | 2n23 | 4s23 | 0s47 | 7n54 | 0n46 | 20n57 | 0s 2 | 9n37 | 9n11 | 9s 1 | 18n 4 | 4s58 |

Julian Day Number = 2607289.5, Delta T = 09m56s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'07, Lahiri = 29°49'09


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## JULY 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 36 47 | 9♋33'05 | 8♉46 | 2♌57 | 9°R48 | 21♏13 | 4♉38 | 18°R59 | 20°R45 | 11♍38 | 25♋32 | 5°R 3 | 6♍14 | 6♓59 | 20♊17 | W 1 |
| T 2 | 18 40 43 | 10°30'20 | 21°42 | 4°22 | 9♋10 | 21°15 | 4°47 | 18♏57 | 20♓45 | 11°40 | 25°34 | 4♍58 | 6°11 | 7° 6 | 20°22 | T 2 |
| F 3 | 18 44 40 | 11°27'36 | 5♊ 3 | 5°44 | 8°33 | 21°17 | 4°57 | 18°55 | 20°44 | 11°41 | 25°35 | 4°50 | 6° 8 | 7°13 | 20°26 | F 3 |
| S 4 | 18 48 36 | 12°24'52 | 18°49 | 7° 4 | 7°56 | 21°21 | 5° 6 | 18°53 | 20°44 | 11°42 | 25°37 | 4°42 | 6° 4 | 7°19 | 20°31 | S 4 |
| S 5 | 18 52 33 | 13°22'08 | 2♋57 | 8°21 | 7°20 | 21°25 | 5°16 | 18°52 | 20°44 | 11°44 | 25°39 | 4°34 | 6° 1 | 7°26 | 20°36 | S 5 |
| M 6 | 18 56 29 | 14°19'23 | 17°24 | 9°35 | 6°44 | 21°30 | 5°25 | 18°50 | 20°43 | 11°45 | 25°40 | 4°27 | 5°58 | 7°33 | 20°41 | M 6 |
| T 7 | 19 0 26 | 15°16'38 | 2♌ 2 | 10°47 | 6°10 | 21°35 | 5°34 | 18°49 | 20°43 | 11°46 | 25°42 | 4°21 | 5°55 | 7°39 | 20°45 | T 7 |
| W 8 | 19 4 23 | 16°13'53 | 16°45 | 11°56 | 5°37 | 21°42 | 5°43 | 18°47 | 20°42 | 11°48 | 25°43 | 4°18 | 5°52 | 7°46 | 20°50 | W 8 |
| T 9 | 19 8 19 | 17°11'08 | 1♍25 | 13° 2 | 5° 6 | 21°49 | 5°52 | 18°46 | 20°41 | 11°49 | 25°45 | 4°D17 | 5°49 | 7°52 | 20°55 | T 9 |
| F 10 | 19 12 16 | 18° 8'22 | 15°58 | 14° 5 | 4°36 | 21°57 | 6° 1 | 18°45 | 20°41 | 11°51 | 25°46 | 4°17 | 5°45 | 7°59 | 20°59 | F 10 |
| S 11 | 19 16 12 | 19° 5'36 | 0♎19 | 15° 5 | 4° 8 | 22° 6 | 6° 9 | 18°43 | 20°40 | 11°52 | 25°48 | 4°18 | 5°42 | 8° 6 | 21° 4 | S 11 |
| S 12 | 19 20 9 | 20° 2'49 | 14°26 | 16° 1 | 3°42 | 22°15 | 6°18 | 18°42 | 20°39 | 11°54 | 25°49 | 4°R19 | 5°39 | 8°12 | 21° 9 | S 12 |
| M13 | 19 24 5 | 21° 0'03 | 28°18 | 16°55 | 3°18 | 22°25 | 6°26 | 18°41 | 20°38 | 11°55 | 25°51 | 4°19 | 5°36 | 8°19 | 21°13 | M13 |
| T 14 | 19 28 2 | 21°57'16 | 11♏56 | 17°45 | 2°57 | 22°36 | 6°34 | 18°40 | 20°37 | 11°57 | 25°53 | 4°17 | 5°33 | 8°26 | 21°18 | T 14 |
| W15 | 19 31 58 | 22°54'28 | 25°18 | 18°32 | 2°37 | 22°48 | 6°42 | 18°40 | 20°37 | 11°58 | 25°54 | 4°14 | 5°30 | 8°32 | 21°22 | W15 |
| T 16 | 19 35 55 | 23°51'41 | 8♐26 | 19°14 | 2°20 | 23° 0 | 6°50 | 18°39 | 20°36 | 12° 0 | 25°56 | 4° 9 | 5°26 | 8°39 | 21°27 | T 16 |
| F 17 | 19 39 52 | 24°48'54 | 21°21 | 19°54 | 2° 5 | 23°13 | 6°58 | 18°38 | 20°35 | 12° 1 | 25°57 | 4° 2 | 5°23 | 8°46 | 21°31 | F 17 |
| S 18 | 19 43 48 | 25°46'06 | 4♑ 3 | 20°29 | 1°52 | 23°26 | 7° 6 | 18°38 | 20°34 | 12° 3 | 25°59 | 3°56 | 5°20 | 8°52 | 21°35 | S 18 |
| S 19 | 19 47 45 | 26°43'19 | 16°32 | 21° 0 | 1°42 | 23°40 | 7°13 | 18°38 | 20°32 | 12° 5 | 26° 0 | 3°50 | 5°17 | 8°59 | 21°40 | S 19 |
| M20 | 19 51 41 | 27°40'32 | 28°50 | 21°27 | 1°34 | 23°55 | 7°20 | 18°37 | 20°31 | 12° 6 | 26° 2 | 3°44 | 5°14 | 9° 6 | 21°44 | M20 |
| T 21 | 19 55 38 | 28°37'45 | 10♒57 | 21°50 | 1°29 | 24°10 | 7°28 | 18°37 | 20°30 | 12° 8 | 26° 4 | 3°41 | 5°10 | 9°12 | 21°49 | T 21 |
| W22 | 19 59 34 | 29°34'58 | 22°55 | 22° 8 | 1°26 | 24°26 | 7°35 | 18°D37 | 20°29 | 12°10 | 26° 5 | 3°38 | 5° 7 | 9°19 | 21°53 | W22 |
| T 23 | 20 3 31 | 0♌32'12 | 4♓46 | 22°22 | 1°D25 | 24°43 | 7°41 | 18°37 | 20°28 | 12°12 | 26° 7 | 3°D38 | 5° 4 | 9°25 | 21°57 | T 23 |
| F 24 | 20 7 27 | 1°29'26 | 16°34 | 22°31 | 1°27 | 25° 0 | 7°48 | 18°37 | 20°26 | 12°13 | 26° 8 | 3°39 | 5° 1 | 9°32 | 22° 1 | F 24 |
| S 25 | 20 11 24 | 2°26'41 | 28°22 | 22°R35 | 1°31 | 25°18 | 7°55 | 18°37 | 20°25 | 12°15 | 26°10 | 3°40 | 4°58 | 9°39 | 22° 5 | S 25 |
| S 26 | 20 15 21 | 3°23'56 | 10♈13 | 22°34 | 1°37 | 25°36 | 8° 1 | 18°38 | 20°24 | 12°17 | 26°11 | 3°42 | 4°55 | 9°45 | 22°10 | S 26 |
| M27 | 20 19 17 | 4°21'12 | 22°14 | 22°29 | 1°45 | 25°55 | 8° 7 | 18°38 | 20°22 | 12°19 | 26°13 | 3°43 | 4°51 | 9°52 | 22°14 | M27 |
| T 28 | 20 23 14 | 5°18'29 | 4♉28 | 22°18 | 1°56 | 26°14 | 8°13 | 18°39 | 20°21 | 12°21 | 26°15 | 3°R44 | 4°48 | 9°59 | 22°18 | T 28 |
| W29 | 20 27 10 | 6°15'46 | 17° 0 | 22° 3 | 2° 8 | 26°34 | 8°19 | 18°39 | 20°19 | 12°22 | 26°16 | 3°43 | 4°45 | 10° 5 | 22°22 | W29 |
| T 30 | 20 31 7 | 7°13'05 | 29°54 | 21°43 | 2°23 | 26°54 | 8°25 | 18°40 | 20°18 | 12°24 | 26°18 | 3°42 | 4°42 | 10°12 | 22°26 | T 30 |
| F 31 | 20 35 3 | 8♌10'24 | 13♊14 | 21♌18 | 2♋39 | 27♏15 | 8♉31 | 18♏41 | 20♓16 | 12♍26 | 26♋19 | 3♍39 | 4♍39 | 10♓19 | 22♊30 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| W 1 | 23n 2 | 10n 2 | 4s35 | 20n53 | 1n28 | 20n15 | 2s46 | 20s 8 | 2s12 | 11n55 | 1s11 | 15s 8 | 2n23 | 4s23 | 0s47 | 7n54 | 0n46 | 20n57 | 0s 2 | 9n38 | 9n12 | 8s59 | 18n 4 | 4s58 | |
| T 2 | 22 58 | 13 20 | 4 59 | 20 26 | 1 21 | 20 5 | 3 0 | 20 10 | 2 13 | 11 58 | 1 11 | 15 7 | 2 23 | 4 23 | 0 47 | 7 53 | 0 46 | 20 56 | 0 2 | 9 40 | 9 13 | 8 58 | 18 4 | 4 59 | |
| F 3 | 22 53 | 16 3 | 5 7 | 19 59 | 1 14 | 19 54 | 3 12 | 20 12 | 2 14 | 12 1 | 1 11 | 15 7 | 2 23 | 4 23 | 0 48 | 7 53 | 0 46 | 20 56 | 0 2 | 9 43 | 9 15 | 8 56 | 18 4 | 4 59 | |
| S 4 | 22 48 | 17 58 | 4 58 | 19 31 | 1 6 | 19 44 | 3 25 | 20 14 | 2 15 | 12 4 | 1 11 | 15 7 | 2 22 | 4 24 | 0 48 | 7 52 | 0 46 | 20 56 | 0 2 | 9 46 | 9 16 | 8 54 | 18 4 | 4 59 | |
| S 5 | 22 43 | 18 51 | 4 30 | 19 3 | 0 57 | 19 34 | 3 37 | 20 16 | 2 16 | 12 7 | 1 12 | 15 7 | 2 22 | 4 24 | 0 48 | 7 52 | 0 46 | 20 56 | 0 2 | 9 49 | 9 17 | 8 53 | 18 4 | 4 59 | |
| M 6 | 22 37 | 18 32 | 3 45 | 18 35 | 0 48 | 19 24 | 3 49 | 20 18 | 2 17 | 12 10 | 1 12 | 15 6 | 2 22 | 4 24 | 0 48 | 7 51 | 0 46 | 20 55 | 0 2 | 9 51 | 9 18 | 8 51 | 18 5 | 4 59 | |
| T 7 | 22 31 | 16 59 | 2 45 | 18 6 | 0 39 | 19 15 | 4 0 | 20 21 | 2 18 | 12 13 | 1 12 | 15 6 | 2 22 | 4 24 | 0 48 | 7 51 | 0 46 | 20 55 | 0 2 | 9 53 | 9 19 | 8 49 | 18 5 | 5 0 | |
| W 8 | 22 24 | 14 18 | 1 33 | 17 38 | 0 29 | 19 6 | 4 10 | 20 23 | 2 19 | 12 16 | 1 12 | 15 6 | 2 21 | 4 25 | 0 48 | 7 50 | 0 46 | 20 55 | 0 2 | 9 55 | 9 20 | 8 48 | 18 5 | 5 0 | |
| T 9 | 22 17 | 10 42 | 0 15 | 17 9 | 0 18 | 18 57 | 4 20 | 20 26 | 2 20 | 12 19 | 1 12 | 15 6 | 2 21 | 4 25 | 0 48 | 7 49 | 0 46 | 20 55 | 0 2 | 9 55 | 9 22 | 8 46 | 18 5 | 5 0 | |
| F 10 | 22 9 | 6 29 | 1n 3 | 16 40 | 0 7 | 18 49 | 4 29 | 20 29 | 2 21 | 12 21 | 1 12 | 15 6 | 2 21 | 4 25 | 0 48 | 7 49 | 0 46 | 20 55 | 0 2 | 9 55 | 9 23 | 8 44 | 18 5 | 5 0 | |
| S 11 | 22 2 | 1 58 | 2 16 | 16 12 | 0s 5 | 18 41 | 4 38 | 20 32 | 2 22 | 12 24 | 1 13 | 15 6 | 2 21 | 4 25 | 0 48 | 7 48 | 0 46 | 20 54 | 0 2 | 9 55 | 9 24 | 8 43 | 18 5 | 5 1 | |
| S 12 | 21 53 | 2s36 | 3 20 | 15 44 | 0 16 | 18 34 | 4 46 | 20 35 | 2 23 | 12 26 | 1 13 | 15 6 | 2 20 | 4 26 | 0 48 | 7 48 | 0 46 | 20 54 | 0 2 | 9 54 | 9 25 | 8 41 | 18 5 | 5 1 | |
| M13 | 21 45 | 6 56 | 4 11 | 15 16 | 0 29 | 18 27 | 4 54 | 20 38 | 2 23 | 12 29 | 1 13 | 15 6 | 2 20 | 4 26 | 0 48 | 7 47 | 0 46 | 20 54 | 0 2 | 9 54 | 9 26 | 8 40 | 18 5 | 5 1 | |
| T 14 | 21 36 | 10 49 | 4 47 | 14 49 | 0 42 | 18 20 | 5 1 | 20 42 | 2 24 | 12 31 | 1 13 | 15 6 | 2 20 | 4 27 | 0 48 | 7 47 | 0 46 | 20 54 | 0 2 | 9 55 | 9 27 | 8 38 | 18 5 | 5 1 | |
| W15 | 21 26 | 14 5 | 5 6 | 14 22 | 0 55 | 18 15 | 5 7 | 20 46 | 2 25 | 12 34 | 1 13 | 15 6 | 2 20 | 4 27 | 0 48 | 7 46 | 0 46 | 20 53 | 0 1 | 9 56 | 9 29 | 8 36 | 18 5 | 5 2 | |
| T 16 | 21 17 | 16 34 | 5 9 | 13 56 | 1 8 | 18 9 | 5 12 | 20 49 | 2 25 | 12 36 | 1 14 | 15 6 | 2 19 | 4 27 | 0 48 | 7 45 | 0 46 | 20 53 | 0 1 | 9 58 | 9 30 | 8 35 | 18 5 | 5 2 | |
| F 17 | 21 7 | 18 10 | 4 56 | 13 31 | 1 22 | 18 4 | 5 18 | 20 53 | 2 26 | 12 39 | 1 14 | 15 6 | 2 19 | 4 28 | 0 48 | 7 45 | 0 46 | 20 53 | 0 1 | 10 0 | 9 31 | 8 33 | 18 5 | 5 2 | |
| S 18 | 20 56 | 18 51 | 4 29 | 13 7 | 1 35 | 18 0 | 5 22 | 20 57 | 2 27 | 12 41 | 1 14 | 15 6 | 2 19 | 4 28 | 0 48 | 7 44 | 0 46 | 20 53 | 0 1 | 10 3 | 9 32 | 8 31 | 18 5 | 5 2 | |
| S 19 | 20 46 | 18 35 | 3 49 | 12 44 | 1 49 | 17 56 | 5 26 | 21 1 | 2 27 | 12 43 | 1 14 | 15 6 | 2 19 | 4 29 | 0 48 | 7 43 | 0 46 | 20 53 | 0 1 | 10 5 | 9 33 | 8 30 | 18 5 | 5 3 | |
| M20 | 20 35 | 17 26 | 2 59 | 12 22 | 2 4 | 17 53 | 5 29 | 21 6 | 2 28 | 12 45 | 1 14 | 15 6 | 2 18 | 4 29 | 0 48 | 7 43 | 0 46 | 20 52 | 0 1 | 10 7 | 9 34 | 8 28 | 18 5 | 5 3 | |
| T 21 | 20 23 | 15 30 | 2 1 | 12 1 | 2 18 | 17 50 | 5 32 | 21 10 | 2 28 | 12 47 | 1 15 | 15 7 | 2 18 | 4 30 | 0 48 | 7 42 | 0 46 | 20 52 | 0 1 | 10 8 | 9 35 | 8 26 | 18 5 | 5 3 | |
| W22 | 20 11 | 12 56 | 0 58 | 11 42 | 2 32 | 17 48 | 5 35 | 21 14 | 2 29 | 12 50 | 1 15 | 15 7 | 2 18 | 4 30 | 0 48 | 7 41 | 0 46 | 20 52 | 0 1 | 10 9 | 9 37 | 8 24 | 18 5 | 5 4 | |
| T 23 | 19 59 | 9 50 | 0s 6 | 11 24 | 2 46 | 17 46 | 5 37 | 21 19 | 2 29 | 12 52 | 1 15 | 15 7 | 2 18 | 4 31 | 0 48 | 7 41 | 0 46 | 20 52 | 0 1 | 10 9 | 9 38 | 8 23 | 18 5 | 5 4 | |
| F 24 | 19 47 | 6 22 | 1 10 | 11 8 | 3 1 | 17 44 | 5 38 | 21 23 | 2 30 | 12 54 | 1 15 | 15 7 | 2 17 | 4 31 | 0 48 | 7 40 | 0 46 | 20 51 | 0 1 | 10 9 | 9 39 | 8 21 | 18 5 | 5 4 | |
| S 25 | 19 34 | 2 40 | 2 12 | 10 53 | 3 14 | 17 43 | 5 39 | 21 28 | 2 30 | 12 55 | 1 15 | 15 8 | 2 17 | 4 32 | 0 48 | 7 39 | 0 46 | 20 51 | 0 1 | 10 8 | 9 40 | 8 19 | 18 5 | 5 4 | |
| S 26 | 19 21 | 1n10 | 3 8 | 10 41 | 3 28 | 17 43 | 5 40 | 21 33 | 2 30 | 12 57 | 1 16 | 15 8 | 2 17 | 4 32 | 0 48 | 7 39 | 0 46 | 20 51 | 0 1 | 10 8 | 9 41 | 8 18 | 18 5 | 5 5 | |
| M27 | 19 7 | 4 59 | 3 56 | 10 30 | 3 41 | 17 42 | 5 40 | 21 38 | 2 31 | 12 59 | 1 16 | 15 8 | 2 17 | 4 33 | 0 48 | 7 38 | 0 46 | 20 51 | 0 1 | 10 7 | 9 42 | 8 16 | 18 5 | 5 5 | |
| T 28 | 18 54 | 8 40 | 4 35 | 10 21 | 3 54 | 17 42 | 5 40 | 21 43 | 2 31 | 13 1 | 1 16 | 15 9 | 2 16 | 4 33 | 0 48 | 7 37 | 0 46 | 20 50 | 0 1 | 10 7 | 9 44 | 8 14 | 18 5 | 5 5 | |
| W29 | 18 40 | 12 3 | 5 1 | 10 15 | 4 6 | 17 43 | 5 39 | 21 48 | 2 31 | 13 3 | 1 16 | 15 9 | 2 16 | 4 34 | 0 48 | 7 37 | 0 46 | 20 50 | 0 1 | 10 7 | 9 45 | 8 13 | 18 4 | 5 6 | |
| T 30 | 18 25 | 14 58 | 5 14 | 10 11 | 4 17 | 17 43 | 5 38 | 21 53 | 2 32 | 13 4 | 1 16 | 15 10 | 2 16 | 4 35 | 0 48 | 7 36 | 0 46 | 20 50 | 0 1 | 10 8 | 9 46 | 8 11 | 18 4 | 5 6 | |
| F 31 | 18n11 | 17n12 | 5s10 | 10n 9 | 4s27 | 17n44 | 5s37 | 21s58 | 2s32 | 13n 6 | 1s17 | 15s10 | 2n16 | 4s35 | 0s48 | 7n35 | 0n46 | 20n50 | 0s 1 | 10n 9 | 9n47 | 8s 9 | 18n 4 | 5s 6 | |

Julian Day Number = 2607319.5, Delta T = 09m56s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'11, Lahiri = 29°49'13


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## AUGUST 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 39 0 | 9♌ 7'44 | 27♊ 0 | 20°R50 | 2♋58 | 27♏36 | 8♉36 | 18♏41 | 20°R15 | 12♍28 | 26♋21 | 3°R36 | 4♍36 | 10♓25 | 22♊34 | S 1 |
| S 2 | 20 42 56 | 10° 5'05 | 11♋13 | 20♌17 | 3°18 | 27°58 | 8°42 | 18°42 | 20♓13 | 12°30 | 26°22 | 3♍33 | 4°32 | 10°32 | 22°37 | S 2 |
| M 3 | 20 46 53 | 11° 2'27 | 25°49 | 19°40 | 3°40 | 28°21 | 8°47 | 18°44 | 20°12 | 12°32 | 26°24 | 3°30 | 4°29 | 10°39 | 22°41 | M 3 |
| T 4 | 20 50 50 | 11°59'50 | 10♌41 | 19° 1 | 4° 4 | 28°44 | 8°52 | 18°45 | 20°10 | 12°34 | 26°25 | 3°28 | 4°26 | 10°45 | 22°45 | T 4 |
| W 5 | 20 54 46 | 12°57'13 | 25°42 | 18°19 | 4°29 | 29° 7 | 8°56 | 18°46 | 20° 8 | 12°36 | 26°27 | 3°26 | 4°23 | 10°52 | 22°49 | W 5 |
| T 6 | 20 58 43 | 13°54'37 | 10♍44 | 17°36 | 4°56 | 29°31 | 9° 1 | 18°47 | 20° 6 | 12°38 | 26°28 | 3°D26 | 4°20 | 10°59 | 22°52 | T 6 |
| F 7 | 21 2 39 | 14°52'01 | 25°37 | 16°51 | 5°25 | 29°55 | 9° 5 | 18°49 | 20° 5 | 12°40 | 26°30 | 3°27 | 4°16 | 11° 5 | 22°56 | F 7 |
| S 8 | 21 6 36 | 15°49'26 | 10♎16 | 16° 6 | 5°54 | 0♐20 | 9° 9 | 18°50 | 20° 3 | 12°42 | 26°32 | 3°28 | 4°13 | 11°12 | 23° 0 | S 8 |
| S 9 | 21 10 32 | 16°46'52 | 24°36 | 15°22 | 6°26 | 0°45 | 9°13 | 18°52 | 20° 1 | 12°44 | 26°33 | 3°30 | 4°10 | 11°18 | 23° 3 | S 9 |
| M10 | 21 14 29 | 17°44'18 | 8♏34 | 14°39 | 6°58 | 1°10 | 9°17 | 18°54 | 19°59 | 12°46 | 26°35 | 3°30 | 4° 7 | 11°25 | 23° 7 | M10 |
| T 11 | 21 18 25 | 18°41'45 | 22°11 | 13°58 | 7°32 | 1°36 | 9°21 | 18°56 | 19°57 | 12°48 | 26°36 | 3°R30 | 4° 4 | 11°32 | 23°10 | T 11 |
| W12 | 21 22 22 | 19°39'12 | 5♐27 | 13°20 | 8° 8 | 2° 3 | 9°25 | 18°58 | 19°55 | 12°50 | 26°37 | 3°30 | 4° 1 | 11°38 | 23°13 | W12 |
| T 13 | 21 26 19 | 20°36'40 | 18°24 | 12°46 | 8°44 | 2°29 | 9°28 | 19° 0 | 19°53 | 12°52 | 26°39 | 3°29 | 3°57 | 11°45 | 23°17 | T 13 |
| F 14 | 21 30 15 | 21°34'09 | 1♑ 4 | 12°16 | 9°22 | 2°56 | 9°31 | 19° 2 | 19°51 | 12°54 | 26°40 | 3°27 | 3°54 | 11°52 | 23°20 | F 14 |
| S 15 | 21 34 12 | 22°31'39 | 13°29 | 11°52 | 10° 1 | 3°24 | 9°34 | 19° 4 | 19°49 | 12°56 | 26°42 | 3°26 | 3°51 | 11°58 | 23°23 | S 15 |
| S 16 | 21 38 8 | 23°29'10 | 25°43 | 11°33 | 10°41 | 3°52 | 9°37 | 19° 6 | 19°47 | 12°59 | 26°43 | 3°24 | 3°48 | 12° 5 | 23°26 | S 16 |
| M17 | 21 42 5 | 24°26'41 | 7♒48 | 11°20 | 11°22 | 4°20 | 9°39 | 19° 9 | 19°45 | 13° 1 | 26°45 | 3°23 | 3°45 | 12°12 | 23°29 | M17 |
| T 18 | 21 46 1 | 25°24'13 | 19°44 | 11°D13 | 12° 4 | 4°49 | 9°42 | 19°11 | 19°43 | 13° 3 | 26°46 | 3°23 | 3°42 | 12°18 | 23°33 | T 18 |
| W19 | 21 49 58 | 26°21'47 | 1♓36 | 11°13 | 12°47 | 5°18 | 9°44 | 19°14 | 19°41 | 13° 5 | 26°48 | 3°D22 | 3°38 | 12°25 | 23°36 | W19 |
| T 20 | 21 53 54 | 27°19'22 | 13°24 | 11°20 | 13°31 | 5°47 | 9°46 | 19°16 | 19°39 | 13° 7 | 26°49 | 3°22 | 3°35 | 12°32 | 23°38 | T 20 |
| F 21 | 21 57 51 | 28°16'58 | 25°12 | 11°35 | 14°16 | 6°17 | 9°47 | 19°19 | 19°36 | 13° 9 | 26°50 | 3°23 | 3°32 | 12°38 | 23°41 | F 21 |
| S 22 | 22 1 48 | 29°14'35 | 7♈ 1 | 11°56 | 15° 1 | 6°47 | 9°49 | 19°22 | 19°34 | 13°11 | 26°52 | 3°23 | 3°29 | 12°45 | 23°44 | S 22 |
| S 23 | 22 5 44 | 0♍12'13 | 18°56 | 12°25 | 15°48 | 7°17 | 9°50 | 19°25 | 19°32 | 13°14 | 26°53 | 3°24 | 3°26 | 12°51 | 23°47 | S 23 |
| M24 | 22 9 41 | 1° 9'53 | 0♉58 | 13° 1 | 16°35 | 7°47 | 9°52 | 19°28 | 19°30 | 13°16 | 26°54 | 3°24 | 3°22 | 12°58 | 23°50 | M24 |
| T 25 | 22 13 37 | 2° 7'35 | 13°13 | 13°44 | 17°24 | 8°18 | 9°53 | 19°31 | 19°28 | 13°18 | 26°56 | 3°24 | 3°19 | 13° 5 | 23°52 | T 25 |
| W26 | 22 17 34 | 3° 5'18 | 25°44 | 14°34 | 18°13 | 8°49 | 9°53 | 19°34 | 19°25 | 13°20 | 26°57 | 3°24 | 3°16 | 13°11 | 23°55 | W26 |
| T 27 | 22 21 30 | 4° 3'03 | 8♊35 | 15°31 | 19° 2 | 9°21 | 9°54 | 19°38 | 19°23 | 13°22 | 26°58 | 3°24 | 3°13 | 13°18 | 23°57 | T 27 |
| F 28 | 22 25 27 | 5° 0'50 | 21°48 | 16°35 | 19°53 | 9°53 | 9°54 | 19°41 | 19°21 | 13°25 | 27° 0 | 3°24 | 3°10 | 13°25 | 24° 0 | F 28 |
| S 29 | 22 29 23 | 5°58'38 | 5♋28 | 17°45 | 20°44 | 10°25 | 9°55 | 19°44 | 19°19 | 13°27 | 27° 1 | 3°24 | 3° 7 | 13°31 | 24° 2 | S 29 |
| S 30 | 22 33 20 | 6°56'28 | 19°34 | 19° 1 | 21°36 | 10°57 | 9°R55 | 19°48 | 19°16 | 13°29 | 27° 2 | 3°25 | 3° 3 | 13°38 | 24° 5 | S 30 |
| M31 | 22 37 16 | 7♍54'19 | 4♌ 5 | 20♌22 | 22♋28 | 11♐30 | 9♉55 | 19♏52 | 19♓14 | 13♍31 | 27♋ 3 | 3♍25 | 3♍ 0 | 13♓45 | 24♊ 7 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n56 | 18n32 | 4s49 | 10n 9 | 4s36 | 17n45 | 5s36 | 22s 3 | 2s32 | 13n 7 | 1s17 | 15s10 | 2n15 | 4s36 | 0s48 | 7n34 | 0n46 | 20n49 | 0s 0 | 10n10 | 9n48 | 8s 8 | 18n 4 | 5s 7 |
| S 2 | 17 41 | 18 46 | 4 9 | 10 12 | 4 44 | 17 47 | 5 34 | 22 8 | 2 32 | 13 9 | 1 17 | 15 11 | 2 15 | 4 37 | 0 49 | 7 34 | 0 46 | 20 49 | 0 0 | 10 11 | 9 49 | 8 6 | 18 4 | 5 7 |
| M 3 | 17 25 | 17 46 | 3 13 | 10 17 | 4 50 | 17 48 | 5 32 | 22 13 | 2 33 | 13 10 | 1 17 | 15 12 | 2 15 | 4 37 | 0 49 | 7 33 | 0 46 | 20 49 | 0 0 | 10 12 | 9 51 | 8 4 | 18 4 | 5 7 |
| T 4 | 17 9 | 15 33 | 2 2 | 10 25 | 4 55 | 17 50 | 5 30 | 22 19 | 2 33 | 13 12 | 1 18 | 15 12 | 2 14 | 4 38 | 0 49 | 7 32 | 0 46 | 20 49 | 0 0 | 10 13 | 9 52 | 8 3 | 18 4 | 5 8 |
| W 5 | 16 53 | 12 15 | 0 43 | 10 34 | 4 58 | 17 52 | 5 27 | 22 24 | 2 33 | 13 13 | 1 18 | 15 13 | 2 14 | 4 39 | 0 49 | 7 31 | 0 46 | 20 49 | 0 0 | 10 13 | 9 53 | 8 1 | 18 3 | 5 8 |
| T 6 | 16 37 | 8 9 | 0n40 | 10 46 | 5 0 | 17 53 | 5 24 | 22 29 | 2 33 | 13 14 | 1 18 | 15 13 | 2 14 | 4 39 | 0 49 | 7 31 | 0 46 | 20 48 | 0 0 | 10 13 | 9 54 | 7 59 | 18 3 | 5 9 |
| F 7 | 16 20 | 3 34 | 2 0 | 10 59 | 5 0 | 17 55 | 5 21 | 22 35 | 2 33 | 13 15 | 1 18 | 15 14 | 2 14 | 4 40 | 0 49 | 7 30 | 0 46 | 20 48 | 0 0 | 10 13 | 9 55 | 7 57 | 18 3 | 5 9 |
| S 8 | 16 3 | 1s 9 | 3 10 | 11 14 | 4 58 | 17 57 | 5 18 | 22 40 | 2 33 | 13 16 | 1 18 | 15 15 | 2 13 | 4 41 | 0 49 | 7 29 | 0 46 | 20 48 | 0 0 | 10 13 | 9 56 | 7 56 | 18 3 | 5 9 |
| S 9 | 15 46 | 5 41 | 4 7 | 11 30 | 4 54 | 17 59 | 5 15 | 22 45 | 2 33 | 13 17 | 1 19 | 15 15 | 2 13 | 4 42 | 0 49 | 7 28 | 0 46 | 20 48 | 0n 0 | 10 12 | 9 57 | 7 54 | 18 3 | 5 10 |
| M10 | 15 29 | 9 47 | 4 47 | 11 48 | 4 48 | 18 1 | 5 11 | 22 51 | 2 33 | 13 18 | 1 19 | 15 16 | 2 13 | 4 42 | 0 49 | 7 28 | 0 46 | 20 47 | 0 0 | 10 12 | 9 59 | 7 52 | 18 3 | 5 10 |
| T 11 | 15 11 | 13 16 | 5 11 | 12 7 | 4 41 | 18 3 | 5 8 | 22 56 | 2 34 | 13 19 | 1 19 | 15 17 | 2 13 | 4 43 | 0 49 | 7 27 | 0 46 | 20 47 | 0 0 | 10 12 | 10 0 | 7 51 | 18 2 | 5 10 |
| W12 | 14 53 | 15 58 | 5 17 | 12 26 | 4 32 | 18 5 | 5 4 | 23 2 | 2 34 | 13 20 | 1 19 | 15 18 | 2 12 | 4 44 | 0 49 | 7 26 | 0 46 | 20 47 | 0 0 | 10 12 | 10 1 | 7 49 | 18 2 | 5 11 |
| T 13 | 14 35 | 17 47 | 5 6 | 12 45 | 4 21 | 18 6 | 5 0 | 23 7 | 2 34 | 13 21 | 1 20 | 15 18 | 2 12 | 4 45 | 0 49 | 7 25 | 0 46 | 20 47 | 0 0 | 10 12 | 10 2 | 7 47 | 18 2 | 5 11 |
| F 14 | 14 17 | 18 42 | 4 41 | 13 5 | 4 9 | 18 8 | 4 56 | 23 12 | 2 34 | 13 22 | 1 20 | 15 19 | 2 12 | 4 45 | 0 49 | 7 24 | 0 46 | 20 47 | 0 0 | 10 13 | 10 3 | 7 45 | 18 2 | 5 12 |
| S 15 | 13 58 | 18 40 | 4 3 | 13 24 | 3 56 | 18 10 | 4 52 | 23 18 | 2 34 | 13 23 | 1 20 | 15 20 | 2 12 | 4 46 | 0 49 | 7 24 | 0 46 | 20 46 | 0 0 | 10 13 | 10 4 | 7 44 | 18 1 | 5 12 |
| S 16 | 13 40 | 17 46 | 3 14 | 13 43 | 3 42 | 18 11 | 4 47 | 23 23 | 2 33 | 13 23 | 1 20 | 15 21 | 2 11 | 4 47 | 0 49 | 7 23 | 0 46 | 20 46 | 0 0 | 10 14 | 10 6 | 7 42 | 18 1 | 5 12 |
| M17 | 13 21 | 16 4 | 2 17 | 14 1 | 3 27 | 18 12 | 4 43 | 23 28 | 2 33 | 13 24 | 1 20 | 15 22 | 2 11 | 4 48 | 0 49 | 7 22 | 0 46 | 20 46 | 0 1 | 10 14 | 10 7 | 7 40 | 18 1 | 5 13 |
| T 18 | 13 1 | 13 40 | 1 15 | 14 18 | 3 11 | 18 13 | 4 38 | 23 34 | 2 33 | 13 24 | 1 21 | 15 23 | 2 11 | 4 49 | 0 49 | 7 21 | 0 46 | 20 46 | 0 1 | 10 15 | 10 8 | 7 39 | 18 1 | 5 13 |
| W19 | 12 42 | 10 44 | 0 10 | 14 34 | 2 54 | 18 14 | 4 33 | 23 39 | 2 33 | 13 25 | 1 21 | 15 24 | 2 11 | 4 50 | 0 49 | 7 20 | 0 46 | 20 45 | 0 1 | 10 15 | 10 9 | 7 37 | 18 0 | 5 14 |
| T 20 | 12 22 | 7 22 | 0s55 | 14 49 | 2 37 | 18 15 | 4 29 | 23 44 | 2 33 | 13 25 | 1 21 | 15 25 | 2 10 | 4 50 | 0 49 | 7 19 | 0 46 | 20 45 | 0 1 | 10 15 | 10 10 | 7 35 | 18 0 | 5 14 |
| F 21 | 12 3 | 3 43 | 1 58 | 15 1 | 2 20 | 18 15 | 4 24 | 23 49 | 2 33 | 13 26 | 1 21 | 15 26 | 2 10 | 4 51 | 0 49 | 7 19 | 0 46 | 20 45 | 0 1 | 10 15 | 10 11 | 7 33 | 18 0 | 5 15 |
| S 22 | 11 43 | 0n 5 | 2 56 | 15 12 | 2 3 | 18 15 | 4 19 | 23 54 | 2 33 | 13 26 | 1 22 | 15 27 | 2 10 | 4 52 | 0 49 | 7 18 | 0 46 | 20 45 | 0 1 | 10 14 | 10 12 | 7 32 | 17 59 | 5 15 |
| S 23 | 11 22 | 3 53 | 3 47 | 15 21 | 1 45 | 18 15 | 4 14 | 23 59 | 2 33 | 13 26 | 1 22 | 15 28 | 2 10 | 4 53 | 0 49 | 7 17 | 0 46 | 20 45 | 0 1 | 10 14 | 10 14 | 7 30 | 17 59 | 5 15 |
| M24 | 11 2 | 7 35 | 4 29 | 15 27 | 1 28 | 18 14 | 4 9 | 24 4 | 2 33 | 13 26 | 1 22 | 15 29 | 2 9 | 4 54 | 0 49 | 7 16 | 0 46 | 20 44 | 0 1 | 10 14 | 10 15 | 7 28 | 17 59 | 5 16 |
| T 25 | 10 42 | 11 1 | 4 59 | 15 32 | 1 11 | 18 14 | 4 4 | 24 9 | 2 33 | 13 26 | 1 22 | 15 30 | 2 9 | 4 55 | 0 49 | 7 15 | 0 46 | 20 44 | 0 1 | 10 14 | 10 16 | 7 26 | 17 59 | 5 16 |
| W26 | 10 21 | 14 2 | 5 15 | 15 33 | 0 55 | 18 12 | 3 58 | 24 14 | 2 32 | 13 26 | 1 22 | 15 31 | 2 9 | 4 56 | 0 49 | 7 15 | 0 46 | 20 44 | 0 1 | 10 14 | 10 17 | 7 25 | 17 58 | 5 17 |
| T 27 | 10 0 | 16 28 | 5 17 | 15 32 | 0 38 | 18 11 | 3 53 | 24 18 | 2 32 | 13 26 | 1 23 | 15 32 | 2 9 | 4 57 | 0 49 | 7 14 | 0 46 | 20 44 | 0 1 | 10 14 | 10 18 | 7 23 | 17 58 | 5 17 |
| F 28 | 9 39 | 18 6 | 5 2 | 15 28 | 0 23 | 18 9 | 3 48 | 24 23 | 2 32 | 13 26 | 1 23 | 15 33 | 2 8 | 4 58 | 0 49 | 7 13 | 0 46 | 20 44 | 0 1 | 10 14 | 10 19 | 7 21 | 17 58 | 5 18 |
| S 29 | 9 18 | 18 47 | 4 30 | 15 21 | 0 8 | 18 7 | 3 42 | 24 27 | 2 32 | 13 26 | 1 23 | 15 34 | 2 8 | 4 58 | 0 49 | 7 12 | 0 46 | 20 44 | 0 1 | 10 14 | 10 20 | 7 19 | 17 57 | 5 18 |
| S 30 | 8 57 | 18 19 | 3 41 | 15 11 | 0n 6 | 18 5 | 3 37 | 24 32 | 2 31 | 13 26 | 1 23 | 15 35 | 2 8 | 4 59 | 0 49 | 7 11 | 0 46 | 20 43 | 0 1 | 10 14 | 10 22 | 7 18 | 17 57 | 5 18 |
| M31 | 8n35 | 16n40 | 2s36 | 14n58 | 0n20 | 18n 2 | 3s32 | 24s36 | 2s31 | 13n26 | 1s24 | 15s37 | 2n 8 | 5s 0 | 0s49 | 7n10 | 0n46 | 20n43 | 0n 1 | 10n14 | 10n23 | 7s16 | 17n56 | 5s19 |

Julian Day Number = 2607350.5, Delta T = 09m56s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'16, Lahiri = 29°49'17


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## SEPTEMBER 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 41 13 | 8♍52'12 | 18♌57 | 21♌49 | 23♋21 | 12♐ 3 | 9°R54 | 19♏55 | 19°R12 | 13♍33 | 27♋ 5 | 3♍25 | 2♍57 | 13♓51 | 24♊ 9 | T 1 |
| W 2 | 22 45 10 | 9°50'07 | 4♍ 3 | 23°21 | 24°15 | 12°36 | 9♉54 | 19°59 | 19♓ 9 | 13°36 | 27° 6 | 3°R26 | 2°54 | 13°58 | 24°11 | W 2 |
| T 3 | 22 49 6 | 10°48'03 | 19°15 | 24°57 | 25° 9 | 13°10 | 9°53 | 20° 3 | 19° 7 | 13°38 | 27° 7 | 3°25 | 2°51 | 14° 5 | 24°14 | T 3 |
| F 4 | 22 53 3 | 11°46'00 | 4♎23 | 26°37 | 26° 4 | 13°43 | 9°52 | 20° 7 | 19° 4 | 13°40 | 27° 8 | 3°25 | 2°47 | 14°11 | 24°16 | F 4 |
| S 5 | 22 56 59 | 12°43'59 | 19°18 | 28°20 | 26°59 | 14°17 | 9°51 | 20°11 | 19° 2 | 13°42 | 27°10 | 3°24 | 2°44 | 14°18 | 24°17 | S 5 |
| S 6 | 23 0 56 | 13°42'00 | 3♏53 | 0♍ 7 | 27°55 | 14°52 | 9°49 | 20°15 | 19° 0 | 13°44 | 27°11 | 3°23 | 2°41 | 14°25 | 24°19 | S 6 |
| M 7 | 23 4 52 | 14°40'01 | 18° 3 | 1°56 | 28°51 | 15°26 | 9°47 | 20°19 | 18°57 | 13°47 | 27°12 | 3°22 | 2°38 | 14°31 | 24°21 | M 7 |
| T 8 | 23 8 49 | 15°38'05 | 1♐46 | 3°48 | 29°48 | 16° 1 | 9°46 | 20°23 | 18°55 | 13°49 | 27°13 | 3°21 | 2°35 | 14°38 | 24°23 | T 8 |
| W 9 | 23 12 45 | 16°36'09 | 15° 4 | 5°41 | 0♌45 | 16°36 | 9°44 | 20°28 | 18°53 | 13°51 | 27°14 | 3°D20 | 2°32 | 14°44 | 24°25 | W 9 |
| T 10 | 23 16 42 | 17°34'15 | 27°57 | 7°35 | 1°43 | 17°11 | 9°41 | 20°32 | 18°50 | 13°53 | 27°15 | 3°21 | 2°28 | 14°51 | 24°26 | T 10 |
| F 11 | 23 20 39 | 18°32'22 | 10♑30 | 9°30 | 2°41 | 17°47 | 9°39 | 20°37 | 18°48 | 13°56 | 27°16 | 3°21 | 2°25 | 14°58 | 24°28 | F 11 |
| S 12 | 23 24 35 | 19°30'31 | 22°47 | 11°26 | 3°40 | 18°23 | 9°37 | 20°41 | 18°45 | 13°58 | 27°17 | 3°23 | 2°22 | 15° 4 | 24°29 | S 12 |
| S 13 | 23 28 32 | 20°28'41 | 4♒51 | 13°22 | 4°39 | 18°59 | 9°34 | 20°46 | 18°43 | 14° 0 | 27°18 | 3°24 | 2°19 | 15°11 | 24°31 | S 13 |
| M14 | 23 32 28 | 21°26'52 | 16°47 | 15°18 | 5°38 | 19°35 | 9°31 | 20°51 | 18°41 | 14° 2 | 27°19 | 3°25 | 2°16 | 15°18 | 24°32 | M14 |
| T 15 | 23 36 25 | 22°25'05 | 28°37 | 17°14 | 6°38 | 20°11 | 9°28 | 20°55 | 18°38 | 14° 4 | 27°20 | 3°R26 | 2°13 | 15°24 | 24°33 | T 15 |
| W16 | 23 40 21 | 23°23'20 | 10♓25 | 19°10 | 7°38 | 20°48 | 9°24 | 21° 0 | 18°36 | 14° 7 | 27°21 | 3°26 | 2° 9 | 15°31 | 24°35 | W16 |
| T 17 | 23 44 18 | 24°21'36 | 22°13 | 21° 5 | 8°39 | 21°25 | 9°21 | 21° 5 | 18°33 | 14° 9 | 27°22 | 3°25 | 2° 6 | 15°38 | 24°36 | T 17 |
| F 18 | 23 48 14 | 25°19'54 | 4♈ 3 | 22°59 | 9°40 | 22° 2 | 9°17 | 21°10 | 18°31 | 14°11 | 27°23 | 3°23 | 2° 3 | 15°44 | 24°37 | F 18 |
| S 19 | 23 52 11 | 26°18'14 | 15°59 | 24°53 | 10°41 | 22°39 | 9°13 | 21°15 | 18°29 | 14°13 | 27°24 | 3°20 | 2° 0 | 15°51 | 24°38 | S 19 |
| S 20 | 23 56 8 | 27°16'36 | 28° 0 | 26°46 | 11°43 | 23°16 | 9° 9 | 21°20 | 18°26 | 14°15 | 27°25 | 3°16 | 1°57 | 15°58 | 24°39 | S 20 |
| M21 | 0 0 4 | 28°15'00 | 10♉11 | 28°38 | 12°45 | 23°54 | 9° 5 | 21°25 | 18°24 | 14°18 | 27°26 | 3°12 | 1°53 | 16° 4 | 24°39 | M21 |
| T 22 | 0 4 1 | 29°13'26 | 22°32 | 0♎29 | 13°47 | 24°31 | 9° 0 | 21°31 | 18°22 | 14°20 | 27°27 | 3° 8 | 1°50 | 16°11 | 24°40 | T 22 |
| W23 | 0 7 57 | 0♎11'54 | 5♊ 7 | 2°19 | 14°50 | 25° 9 | 8°56 | 21°36 | 18°19 | 14°22 | 27°28 | 3° 5 | 1°47 | 16°18 | 24°41 | W23 |
| T 24 | 0 11 54 | 1°10'24 | 17°57 | 4° 8 | 15°53 | 25°47 | 8°51 | 21°41 | 18°17 | 14°24 | 27°29 | 3° 3 | 1°44 | 16°24 | 24°42 | T 24 |
| F 25 | 0 15 50 | 2° 8'57 | 1♋ 7 | 5°56 | 16°56 | 26°26 | 8°46 | 21°47 | 18°15 | 14°26 | 27°29 | 3°D 2 | 1°41 | 16°31 | 24°42 | F 25 |
| S 26 | 0 19 47 | 3° 7'31 | 14°38 | 7°43 | 18° 0 | 27° 4 | 8°41 | 21°52 | 18°12 | 14°28 | 27°30 | 3° 2 | 1°38 | 16°37 | 24°43 | S 26 |
| S 27 | 0 23 43 | 4° 6'08 | 28°32 | 9°29 | 19° 4 | 27°43 | 8°35 | 21°58 | 18°10 | 14°30 | 27°31 | 3° 4 | 1°34 | 16°44 | 24°43 | S 27 |
| M28 | 0 27 40 | 5° 4'47 | 12♌49 | 11°14 | 20° 8 | 28°22 | 8°30 | 22° 3 | 18° 8 | 14°33 | 27°32 | 3° 5 | 1°31 | 16°51 | 24°43 | M28 |
| T 29 | 0 31 36 | 6° 3'28 | 27°27 | 12°58 | 21°12 | 29° 1 | 8°24 | 22° 9 | 18° 6 | 14°35 | 27°32 | 3°R 6 | 1°28 | 16°57 | 24°44 | T 29 |
| W30 | 0 35 33 | 7♎ 2'12 | 12♍23 | 14♎41 | 22♌17 | 29♐40 | 8♉19 | 22♏15 | 18♓ 3 | 14♍37 | 27♋33 | 3♍ 6 | 1♍25 | 17♓ 4 | 24♊44 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n13 | 13n51 | 1s20 | 14n42 | 0n32 | 17n59 | 3s26 | 24s40 | 2s31 | 13n25 | 1s24 | 15s38 | 2n 7 | 5s 1 | 0s49 | 7n 9 | 0n46 | 20n43 | 0n 1 | 10n14 | 10n24 | 7s14 | 17n56 | 5s19 |
| W 2 | 7 52 | 10 3 | 0n 4 | 14 24 | 0 44 | 17 55 | 3 21 | 24 45 | 2 31 | 13 25 | 1 24 | 15 39 | 2 7 | 5 2 | 0 49 | 7 9 | 0 46 | 20 43 | 0 2 | 10 14 | 10 25 | 7 12 | 17 56 | 5 20 |
| T 3 | 7 30 | 5 35 | 1 27 | 14 2 | 0 54 | 17 51 | 3 15 | 24 49 | 2 30 | 13 24 | 1 24 | 15 40 | 2 7 | 5 3 | 0 49 | 7 8 | 0 46 | 20 43 | 0 2 | 10 14 | 10 26 | 7 11 | 17 55 | 5 20 |
| F 4 | 7 8 | 0 46 | 2 44 | 13 37 | 1 4 | 17 47 | 3 10 | 24 53 | 2 30 | 13 24 | 1 24 | 15 42 | 2 7 | 5 4 | 0 49 | 7 7 | 0 46 | 20 42 | 0 2 | 10 14 | 10 27 | 7 9 | 17 55 | 5 21 |
| S 5 | 6 46 | 4s 1 | 3 48 | 13 9 | 1 13 | 17 42 | 3 4 | 24 56 | 2 30 | 13 23 | 1 25 | 15 43 | 2 7 | 5 5 | 0 49 | 7 6 | 0 46 | 20 42 | 0 2 | 10 14 | 10 28 | 7 7 | 17 55 | 5 21 |
| S 6 | 6 24 | 8 26 | 4 36 | 12 39 | 1 20 | 17 37 | 2 59 | 25 0 | 2 29 | 13 23 | 1 25 | 15 44 | 2 6 | 5 6 | 0 49 | 7 5 | 0 46 | 20 42 | 0 2 | 10 15 | 10 30 | 7 5 | 17 54 | 5 22 |
| M 7 | 6 1 | 12 16 | 5 6 | 12 7 | 1 27 | 17 31 | 2 53 | 25 4 | 2 29 | 13 22 | 1 25 | 15 45 | 2 6 | 5 7 | 0 49 | 7 4 | 0 46 | 20 42 | 0 2 | 10 15 | 10 31 | 7 4 | 17 54 | 5 22 |
| T 8 | 5 39 | 15 17 | 5 17 | 11 32 | 1 32 | 17 25 | 2 47 | 25 7 | 2 29 | 13 21 | 1 25 | 15 47 | 2 6 | 5 8 | 0 49 | 7 4 | 0 46 | 20 42 | 0 2 | 10 15 | 10 32 | 7 2 | 17 53 | 5 23 |
| W 9 | 5 17 | 17 24 | 5 11 | 10 55 | 1 37 | 17 18 | 2 42 | 25 10 | 2 28 | 13 20 | 1 26 | 15 48 | 2 6 | 5 9 | 0 49 | 7 3 | 0 46 | 20 42 | 0 2 | 10 15 | 10 33 | 7 0 | 17 53 | 5 23 |
| T 10 | 4 54 | 18 33 | 4 49 | 10 16 | 1 41 | 17 11 | 2 36 | 25 13 | 2 28 | 13 20 | 1 26 | 15 49 | 2 5 | 5 10 | 0 49 | 7 2 | 0 46 | 20 41 | 0 2 | 10 15 | 10 34 | 6 58 | 17 53 | 5 24 |
| F 11 | 4 31 | 18 46 | 4 13 | 9 35 | 1 44 | 17 4 | 2 31 | 25 16 | 2 28 | 13 19 | 1 26 | 15 51 | 2 5 | 5 11 | 0 49 | 7 1 | 0 46 | 20 41 | 0 2 | 10 15 | 10 35 | 6 57 | 17 52 | 5 24 |
| S 12 | 4 9 | 18 4 | 3 27 | 8 53 | 1 46 | 16 56 | 2 25 | 25 19 | 2 27 | 13 18 | 1 26 | 15 52 | 2 5 | 5 11 | 0 49 | 7 0 | 0 46 | 20 41 | 0 2 | 10 15 | 10 36 | 6 55 | 17 52 | 5 25 |
| S 13 | 3 46 | 16 33 | 2 32 | 8 10 | 1 47 | 16 48 | 2 19 | 25 22 | 2 27 | 13 17 | 1 26 | 15 54 | 2 5 | 5 12 | 0 49 | 6 59 | 0 46 | 20 41 | 0 2 | 10 14 | 10 38 | 6 53 | 17 51 | 5 25 |
| M14 | 3 23 | 14 19 | 1 31 | 7 26 | 1 47 | 16 39 | 2 14 | 25 24 | 2 26 | 13 15 | 1 27 | 15 55 | 2 5 | 5 13 | 0 49 | 6 59 | 0 46 | 20 41 | 0 2 | 10 14 | 10 39 | 6 51 | 17 51 | 5 26 |
| T 15 | 3 0 | 11 31 | 0 27 | 6 40 | 1 47 | 16 30 | 2 8 | 25 27 | 2 26 | 13 14 | 1 27 | 15 57 | 2 4 | 5 14 | 0 49 | 6 58 | 0 46 | 20 41 | 0 2 | 10 13 | 10 40 | 6 50 | 17 50 | 5 26 |
| W16 | 2 37 | 8 14 | 0s38 | 5 54 | 1 46 | 16 20 | 2 3 | 25 29 | 2 26 | 13 13 | 1 27 | 15 58 | 2 4 | 5 15 | 0 49 | 6 57 | 0 46 | 20 41 | 0 2 | 10 13 | 10 41 | 6 48 | 17 50 | 5 27 |
| T 17 | 2 14 | 4 39 | 1 42 | 5 8 | 1 45 | 16 10 | 1 57 | 25 31 | 2 25 | 13 12 | 1 27 | 15 59 | 2 4 | 5 16 | 0 49 | 6 56 | 0 46 | 20 41 | 0 2 | 10 14 | 10 42 | 6 46 | 17 49 | 5 27 |
| F 18 | 1 51 | 0 51 | 2 41 | 4 21 | 1 42 | 15 59 | 1 52 | 25 33 | 2 25 | 13 10 | 1 27 | 16 1 | 2 4 | 5 17 | 0 49 | 6 55 | 0 46 | 20 40 | 0 3 | 10 15 | 10 43 | 6 44 | 17 49 | 5 28 |
| S 19 | 1 28 | 2n59 | 3 33 | 3 33 | 1 40 | 15 48 | 1 46 | 25 35 | 2 24 | 13 9 | 1 27 | 16 2 | 2 4 | 5 18 | 0 49 | 6 54 | 0 46 | 20 40 | 0 3 | 10 16 | 10 44 | 6 42 | 17 49 | 5 28 |
| S 20 | 1 5 | 6 44 | 4 17 | 2 45 | 1 36 | 15 37 | 1 41 | 25 36 | 2 24 | 13 7 | 1 28 | 16 4 | 2 3 | 5 19 | 0 49 | 6 54 | 0 46 | 20 40 | 0 3 | 10 17 | 10 45 | 6 41 | 17 48 | 5 29 |
| M21 | 0 42 | 10 15 | 4 49 | 1 58 | 1 33 | 15 25 | 1 35 | 25 38 | 2 23 | 13 6 | 1 28 | 16 5 | 2 3 | 5 20 | 0 49 | 6 53 | 0 46 | 20 40 | 0 3 | 10 19 | 10 47 | 6 39 | 17 48 | 5 29 |
| T 22 | 0 18 | 13 23 | 5 9 | 1 10 | 1 29 | 15 13 | 1 30 | 25 39 | 2 23 | 13 4 | 1 28 | 16 7 | 2 3 | 5 21 | 0 49 | 6 52 | 0 46 | 20 40 | 0 3 | 10 20 | 10 48 | 6 37 | 17 47 | 5 30 |
| W23 | 0s 5 | 15 57 | 5 14 | 0 22 | 1 24 | 15 0 | 1 25 | 25 40 | 2 22 | 13 3 | 1 28 | 16 8 | 2 3 | 5 22 | 0 49 | 6 51 | 0 46 | 20 40 | 0 3 | 10 21 | 10 49 | 6 35 | 17 47 | 5 30 |
| T 24 | 0 28 | 17 48 | 5 3 | 0s26 | 1 19 | 14 46 | 1 19 | 25 41 | 2 22 | 13 1 | 1 28 | 16 10 | 2 3 | 5 22 | 0 49 | 6 50 | 0 46 | 20 40 | 0 3 | 10 22 | 10 50 | 6 33 | 17 46 | 5 31 |
| F 25 | 0 51 | 18 45 | 4 37 | 1 13 | 1 14 | 14 33 | 1 14 | 25 41 | 2 21 | 12 59 | 1 28 | 16 12 | 2 2 | 5 23 | 0 49 | 6 49 | 0 46 | 20 40 | 0 3 | 10 22 | 10 51 | 6 32 | 17 46 | 5 31 |
| S 26 | 1 14 | 18 41 | 3 55 | 2 0 | 1 9 | 14 18 | 1 9 | 25 42 | 2 21 | 12 58 | 1 29 | 16 13 | 2 2 | 5 24 | 0 49 | 6 49 | 0 46 | 20 40 | 0 3 | 10 22 | 10 52 | 6 30 | 17 45 | 5 32 |
| S 27 | 1 38 | 17 30 | 2 58 | 2 47 | 1 3 | 14 4 | 1 4 | 25 42 | 2 20 | 12 56 | 1 29 | 16 15 | 2 2 | 5 25 | 0 49 | 6 48 | 0 46 | 20 39 | 0 3 | 10 21 | 10 53 | 6 28 | 17 45 | 5 32 |
| M28 | 2 1 | 15 11 | 1 49 | 3 33 | 0 57 | 13 49 | 0 59 | 25 42 | 2 20 | 12 54 | 1 29 | 16 16 | 2 2 | 5 26 | 0 49 | 6 47 | 0 46 | 20 39 | 0 3 | 10 21 | 10 55 | 6 26 | 17 44 | 5 33 |
| T 29 | 2 24 | 11 51 | 0 31 | 4 20 | 0 51 | 13 33 | 0 53 | 25 42 | 2 19 | 12 52 | 1 29 | 16 18 | 2 2 | 5 27 | 0 49 | 6 46 | 0 46 | 20 39 | 0 3 | 10 21 | 10 56 | 6 24 | 17 44 | 5 33 |
| W30 | 2s47 | 7n41 | 0n51 | 5s 5 | 0n45 | 13n17 | 0s48 | 25s41 | 2s19 | 12n50 | 1s29 | 16s20 | 2n 2 | 5s28 | 0s49 | 6n45 | 0n46 | 20n39 | 0n 3 | 10n21 | 10n57 | 6s23 | 17n43 | 5s34 |

Julian Day Number = 2607381.5, Delta T = 09m56s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'20, Lahiri = 29°49'21


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## OCTOBER 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 39 30 | 8♎ 0'57 | 27♍29 | 16♎23 | 23♌22 | 0♑19 | 8°R13 | 22♏20 | 18°R 1 | 14♍39 | 27♋34 | 3°R 4 | 1♍22 | 17♓11 | 24♊44 | T 1 |
| F 2 | 0 43 26 | 8°59'44 | 12♎37 | 18° 5 | 24°27 | 0°59 | 8♉ 7 | 22°26 | 17♓59 | 14°41 | 27°34 | 3♍ 1 | 1°19 | 17°17 | 24°R44 | F 2 |
| S 3 | 0 47 23 | 9°58'33 | 27°37 | 19°45 | 25°33 | 1°38 | 8° 0 | 22°32 | 17°57 | 14°43 | 27°35 | 2°56 | 1°15 | 17°24 | 24°44 | S 3 |
| S 4 | 0 51 19 | 10°57'24 | 12♏20 | 21°24 | 26°39 | 2°18 | 7°54 | 22°38 | 17°55 | 14°45 | 27°36 | 2°50 | 1°12 | 17°31 | 24°44 | S 4 |
| M 5 | 0 55 16 | 11°56'17 | 26°40 | 23° 2 | 27°45 | 2°58 | 7°47 | 22°44 | 17°53 | 14°47 | 27°36 | 2°44 | 1° 9 | 17°37 | 24°44 | M 5 |
| T 6 | 0 59 12 | 12°55'12 | 10♐31 | 24°40 | 28°51 | 3°38 | 7°41 | 22°50 | 17°50 | 14°49 | 27°37 | 2°39 | 1° 6 | 17°44 | 24°43 | T 6 |
| W 7 | 1 3 9 | 13°54'09 | 23°55 | 26°16 | 29°57 | 4°19 | 7°34 | 22°56 | 17°48 | 14°51 | 27°37 | 2°35 | 1° 3 | 17°51 | 24°43 | W 7 |
| T 8 | 1 7 5 | 14°53'07 | 6♑51 | 27°52 | 1♍ 4 | 4°59 | 7°27 | 23° 2 | 17°46 | 14°53 | 27°38 | 2°34 | 0°59 | 17°57 | 24°42 | T 8 |
| F 9 | 1 11 2 | 15°52'07 | 19°24 | 29°27 | 2°11 | 5°40 | 7°20 | 23° 8 | 17°44 | 14°55 | 27°38 | 2°D33 | 0°56 | 18° 4 | 24°42 | F 9 |
| S 10 | 1 14 59 | 16°51'09 | 1♒38 | 1♏ 1 | 3°18 | 6°20 | 7°13 | 23°14 | 17°42 | 14°57 | 27°39 | 2°34 | 0°53 | 18°11 | 24°41 | S 10 |
| S 11 | 1 18 55 | 17°50'12 | 13°39 | 2°34 | 4°25 | 7° 1 | 7° 6 | 23°21 | 17°40 | 14°59 | 27°39 | 2°36 | 0°50 | 18°17 | 24°41 | S 11 |
| M12 | 1 22 52 | 18°49'18 | 25°30 | 4° 6 | 5°32 | 7°42 | 6°59 | 23°27 | 17°38 | 15° 1 | 27°40 | 2°37 | 0°47 | 18°24 | 24°40 | M12 |
| T 13 | 1 26 48 | 19°48'25 | 7♓18 | 5°37 | 6°40 | 8°23 | 6°51 | 23°33 | 17°36 | 15° 3 | 27°40 | 2°R37 | 0°44 | 18°31 | 24°39 | T 13 |
| W14 | 1 30 45 | 20°47'33 | 19° 5 | 7° 8 | 7°48 | 9° 5 | 6°44 | 23°40 | 17°35 | 15° 5 | 27°40 | 2°35 | 0°40 | 18°37 | 24°38 | W14 |
| T 15 | 1 34 41 | 21°46'44 | 0♈56 | 8°38 | 8°56 | 9°46 | 6°36 | 23°46 | 17°33 | 15° 7 | 27°41 | 2°32 | 0°37 | 18°44 | 24°37 | T 15 |
| F 16 | 1 38 38 | 22°45'57 | 12°53 | 10° 7 | 10° 4 | 10°28 | 6°29 | 23°53 | 17°31 | 15° 8 | 27°41 | 2°25 | 0°34 | 18°50 | 24°36 | F 16 |
| S 17 | 1 42 34 | 23°45'11 | 24°57 | 11°36 | 11°12 | 11° 9 | 6°21 | 23°59 | 17°29 | 15°10 | 27°41 | 2°17 | 0°31 | 18°57 | 24°35 | S 17 |
| S 18 | 1 46 31 | 24°44'28 | 7♉11 | 13° 3 | 12°21 | 11°51 | 6°13 | 24° 6 | 17°27 | 15°12 | 27°42 | 2° 8 | 0°28 | 19° 4 | 24°34 | S 18 |
| M19 | 1 50 28 | 25°43'47 | 19°36 | 14°30 | 13°30 | 12°33 | 6° 5 | 24°12 | 17°26 | 15°14 | 27°42 | 1°58 | 0°24 | 19°10 | 24°33 | M19 |
| T 20 | 1 54 24 | 26°43'08 | 2♊11 | 15°56 | 14°38 | 13°15 | 5°57 | 24°19 | 17°24 | 15°16 | 27°42 | 1°48 | 0°21 | 19°17 | 24°32 | T 20 |
| W21 | 1 58 21 | 27°42'31 | 14°58 | 17°21 | 15°48 | 13°57 | 5°49 | 24°25 | 17°22 | 15°17 | 27°42 | 1°40 | 0°18 | 19°24 | 24°30 | W21 |
| T 22 | 2 2 17 | 28°41'56 | 27°57 | 18°45 | 16°57 | 14°39 | 5°41 | 24°32 | 17°21 | 15°19 | 27°42 | 1°33 | 0°15 | 19°30 | 24°29 | T 22 |
| F 23 | 2 6 14 | 29°41'24 | 11♋10 | 20° 8 | 18° 6 | 15°21 | 5°33 | 24°39 | 17°19 | 15°21 | 27°43 | 1°29 | 0°12 | 19°37 | 24°27 | F 23 |
| S 24 | 2 10 10 | 0♏40'54 | 24°38 | 21°30 | 19°16 | 16° 4 | 5°25 | 24°46 | 17°17 | 15°23 | 27°43 | 1°28 | 0° 9 | 19°44 | 24°26 | S 24 |
| S 25 | 2 14 7 | 1°40'26 | 8♌23 | 22°51 | 20°25 | 16°46 | 5°17 | 24°52 | 17°16 | 15°24 | 27°43 | 1°D28 | 0° 5 | 19°50 | 24°24 | S 25 |
| M26 | 2 18 3 | 2°40'00 | 22°26 | 24°12 | 21°35 | 17°29 | 5° 9 | 24°59 | 17°15 | 15°26 | 27°43 | 1°28 | 0° 2 | 19°57 | 24°22 | M26 |
| T 27 | 2 22 0 | 3°39'37 | 6♍46 | 25°31 | 22°45 | 18°11 | 5° 1 | 25° 6 | 17°13 | 15°27 | 27°43 | 1°R28 | 29♌59 | 20° 4 | 24°21 | T 27 |
| W28 | 2 25 57 | 4°39'16 | 21°21 | 26°49 | 23°56 | 18°54 | 4°53 | 25°13 | 17°12 | 15°29 | 27°43 | 1°27 | 29°56 | 20°10 | 24°19 | W28 |
| T 29 | 2 29 53 | 5°38'57 | 6♎ 8 | 28° 5 | 25° 6 | 19°37 | 4°45 | 25°20 | 17°10 | 15°31 | 27°R43 | 1°23 | 29°53 | 20°17 | 24°17 | T 29 |
| F 30 | 2 33 50 | 6°38'41 | 21° 0 | 29°21 | 26°16 | 20°20 | 4°36 | 25°27 | 17° 9 | 15°32 | 27°43 | 1°16 | 29°50 | 20°24 | 24°15 | F 30 |
| S 31 | 2 37 46 | 7♏38'26 | 5♏48 | 0♐35 | 27♍27 | 21♑ 3 | 4♉28 | 25♏34 | 17♓ 8 | 15♍34 | 27♋43 | 1♍ 7 | 29♌46 | 20♓30 | 24♊13 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s10 | 2n59 | 2n 9 | 5s50 | 0n38 | 13n 1 | 0s43 | 25s41 | 2s18 | 12n48 | 1s29 | 16s21 | 2n 1 | 5s29 | 0s49 | 6n45 | 0n46 | 20n39 | 0n 3 | 10n21 | 10n58 | 6s21 | 17n43 | 5s34 |
| F 2 | 3 33 | 1s55 | 3 19 | 6 35 | 0 32 | 12 44 | 0 38 | 25 40 | 2 17 | 12 46 | 1 29 | 16 23 | 2 1 | 5 29 | 0 49 | 6 44 | 0 46 | 20 39 | 0 3 | 10 23 | 10 59 | 6 19 | 17 42 | 5 35 |
| S 3 | 3 57 | 6 39 | 4 14 | 7 19 | 0 25 | 12 27 | 0 34 | 25 39 | 2 17 | 12 44 | 1 30 | 16 24 | 2 1 | 5 30 | 0 49 | 6 43 | 0 46 | 20 39 | 0 3 | 10 24 | 11 0 | 6 17 | 17 42 | 5 35 |
| S 4 | 4 20 | 10 52 | 4 51 | 8 3 | 0 18 | 12 9 | 0 29 | 25 38 | 2 16 | 12 42 | 1 30 | 16 26 | 2 1 | 5 31 | 0 49 | 6 42 | 0 46 | 20 39 | 0 4 | 10 26 | 11 1 | 6 15 | 17 41 | 5 36 |
| M 5 | 4 43 | 14 21 | 5 9 | 8 46 | 0 11 | 11 51 | 0 24 | 25 36 | 2 16 | 12 40 | 1 30 | 16 28 | 2 1 | 5 32 | 0 49 | 6 42 | 0 46 | 20 39 | 0 4 | 10 29 | 11 2 | 6 14 | 17 41 | 5 36 |
| T 6 | 5 5 | 16 53 | 5 8 | 9 28 | 0 4 | 11 33 | 0 19 | 25 35 | 2 15 | 12 37 | 1 30 | 16 29 | 2 1 | 5 33 | 0 49 | 6 41 | 0 46 | 20 39 | 0 4 | 10 30 | 11 4 | 6 12 | 17 40 | 5 37 |
| W 7 | 5 28 | 18 25 | 4 50 | 10 10 | 0s 3 | 11 14 | 0 14 | 25 33 | 2 14 | 12 35 | 1 30 | 16 31 | 2 0 | 5 33 | 0 49 | 6 40 | 0 47 | 20 39 | 0 4 | 10 32 | 11 5 | 6 10 | 17 40 | 5 37 |
| T 8 | 5 51 | 18 55 | 4 17 | 10 51 | 0 10 | 10 55 | 0 10 | 25 31 | 2 14 | 12 33 | 1 30 | 16 33 | 2 0 | 5 34 | 0 49 | 6 39 | 0 47 | 20 39 | 0 4 | 10 32 | 11 6 | 6 8 | 17 39 | 5 38 |
| F 9 | 6 14 | 18 28 | 3 33 | 11 31 | 0 17 | 10 35 | 0 5 | 25 28 | 2 13 | 12 30 | 1 30 | 16 34 | 2 0 | 5 35 | 0 49 | 6 39 | 0 47 | 20 39 | 0 4 | 10 32 | 11 7 | 6 6 | 17 39 | 5 38 |
| S 10 | 6 36 | 17 9 | 2 40 | 12 11 | 0 24 | 10 16 | 0 1 | 25 26 | 2 12 | 12 28 | 1 30 | 16 36 | 2 0 | 5 36 | 0 49 | 6 38 | 0 47 | 20 39 | 0 4 | 10 32 | 11 8 | 6 5 | 17 38 | 5 39 |
| S 11 | 6 59 | 15 4 | 1 41 | 12 50 | 0 32 | 9 55 | 0n 4 | 25 23 | 2 12 | 12 26 | 1 30 | 16 38 | 2 0 | 5 37 | 0 49 | 6 37 | 0 47 | 20 39 | 0 4 | 10 32 | 11 9 | 6 3 | 17 38 | 5 39 |
| M12 | 7 21 | 12 23 | 0 38 | 13 28 | 0 39 | 9 35 | 0 8 | 25 20 | 2 11 | 12 23 | 1 30 | 16 39 | 2 0 | 5 37 | 0 49 | 6 36 | 0 47 | 20 39 | 0 4 | 10 31 | 11 10 | 6 1 | 17 37 | 5 40 |
| T 13 | 7 44 | 9 12 | 0s25 | 14 5 | 0 46 | 9 14 | 0 12 | 25 17 | 2 10 | 12 21 | 1 30 | 16 41 | 2 0 | 5 38 | 0 49 | 6 36 | 0 47 | 20 39 | 0 4 | 10 31 | 11 11 | 5 59 | 17 37 | 5 40 |
| W14 | 8 6 | 5 39 | 1 28 | 14 42 | 0 53 | 8 53 | 0 16 | 25 14 | 2 10 | 12 18 | 1 30 | 16 43 | 1 59 | 5 39 | 0 49 | 6 35 | 0 47 | 20 39 | 0 4 | 10 32 | 11 13 | 5 57 | 17 36 | 5 41 |
| T 15 | 8 28 | 1 53 | 2 27 | 15 18 | 1 0 | 8 31 | 0 20 | 25 10 | 2 9 | 12 16 | 1 30 | 16 45 | 1 59 | 5 39 | 0 49 | 6 34 | 0 47 | 20 39 | 0 4 | 10 33 | 11 14 | 5 55 | 17 36 | 5 41 |
| F 16 | 8 50 | 2n 0 | 3 20 | 15 53 | 1 7 | 8 9 | 0 24 | 25 6 | 2 8 | 12 13 | 1 30 | 16 46 | 1 59 | 5 40 | 0 49 | 6 34 | 0 47 | 20 39 | 0 4 | 10 35 | 11 15 | 5 54 | 17 35 | 5 42 |
| S 17 | 9 12 | 5 51 | 4 4 | 16 27 | 1 14 | 7 47 | 0 28 | 25 2 | 2 7 | 12 11 | 1 30 | 16 48 | 1 59 | 5 41 | 0 49 | 6 33 | 0 47 | 20 39 | 0 4 | 10 38 | 11 16 | 5 52 | 17 35 | 5 42 |
| S 18 | 9 34 | 9 30 | 4 38 | 17 0 | 1 21 | 7 25 | 0 32 | 24 58 | 2 7 | 12 8 | 1 30 | 16 50 | 1 59 | 5 41 | 0 49 | 6 32 | 0 47 | 20 39 | 0 4 | 10 41 | 11 17 | 5 50 | 17 34 | 5 43 |
| M19 | 9 55 | 12 48 | 4 59 | 17 33 | 1 27 | 7 2 | 0 36 | 24 53 | 2 6 | 12 6 | 1 30 | 16 51 | 1 59 | 5 42 | 0 49 | 6 32 | 0 47 | 20 39 | 0 4 | 10 45 | 11 18 | 5 48 | 17 33 | 5 43 |
| T 20 | 10 17 | 15 33 | 5 6 | 18 4 | 1 34 | 6 39 | 0 40 | 24 48 | 2 5 | 12 3 | 1 30 | 16 53 | 1 59 | 5 43 | 0 48 | 6 31 | 0 47 | 20 39 | 0 5 | 10 49 | 11 19 | 5 46 | 17 33 | 5 43 |
| W21 | 10 38 | 17 36 | 4 57 | 18 35 | 1 41 | 6 15 | 0 43 | 24 43 | 2 5 | 12 0 | 1 30 | 16 55 | 1 59 | 5 43 | 0 48 | 6 30 | 0 47 | 20 39 | 0 5 | 10 52 | 11 20 | 5 44 | 17 32 | 5 44 |
| T 22 | 10 59 | 18 48 | 4 34 | 19 4 | 1 47 | 5 52 | 0 47 | 24 38 | 2 4 | 11 58 | 1 30 | 16 57 | 1 58 | 5 44 | 0 48 | 6 30 | 0 47 | 20 39 | 0 5 | 10 54 | 11 21 | 5 43 | 17 32 | 5 44 |
| F 23 | 11 20 | 19 0 | 3 56 | 19 33 | 1 53 | 5 28 | 0 50 | 24 32 | 2 3 | 11 55 | 1 30 | 16 58 | 1 58 | 5 44 | 0 48 | 6 29 | 0 47 | 20 39 | 0 5 | 10 55 | 11 23 | 5 41 | 17 31 | 5 45 |
| S 24 | 11 41 | 18 8 | 3 4 | 20 1 | 1 59 | 5 4 | 0 54 | 24 27 | 2 2 | 11 53 | 1 30 | 17 0 | 1 58 | 5 45 | 0 48 | 6 28 | 0 47 | 20 39 | 0 5 | 10 56 | 11 24 | 5 39 | 17 31 | 5 45 |
| S 25 | 12 2 | 16 11 | 2 0 | 20 27 | 2 5 | 4 40 | 0 57 | 24 21 | 2 2 | 11 50 | 1 30 | 17 2 | 1 58 | 5 46 | 0 48 | 6 28 | 0 47 | 20 39 | 0 5 | 10 56 | 11 25 | 5 37 | 17 30 | 5 46 |
| M26 | 12 22 | 13 15 | 0 48 | 20 53 | 2 10 | 4 15 | 1 0 | 24 14 | 2 1 | 11 47 | 1 30 | 17 3 | 1 58 | 5 46 | 0 48 | 6 27 | 0 47 | 20 39 | 0 5 | 10 56 | 11 26 | 5 35 | 17 30 | 5 46 |
| T 27 | 12 42 | 9 27 | 0n28 | 21 18 | 2 16 | 3 50 | 1 3 | 24 8 | 2 0 | 11 45 | 1 30 | 17 5 | 1 58 | 5 47 | 0 48 | 6 27 | 0 47 | 20 39 | 0 5 | 10 56 | 11 27 | 5 33 | 17 29 | 5 47 |
| W28 | 13 3 | 5 1 | 1 44 | 21 41 | 2 21 | 3 25 | 1 6 | 24 1 | 1 59 | 11 42 | 1 30 | 17 7 | 1 58 | 5 47 | 0 48 | 6 26 | 0 47 | 20 39 | 0 5 | 10 56 | 11 28 | 5 32 | 17 29 | 5 47 |
| T 29 | 13 22 | 0 14 | 2 54 | 22 3 | 2 26 | 3 0 | 1 9 | 23 54 | 1 58 | 11 39 | 1 30 | 17 9 | 1 58 | 5 48 | 0 48 | 6 25 | 0 47 | 20 39 | 0 5 | 10 57 | 11 29 | 5 30 | 17 28 | 5 48 |
| F 30 | 13 42 | 4s35 | 3 52 | 22 25 | 2 30 | 2 35 | 1 12 | 23 47 | 1 58 | 11 37 | 1 30 | 17 10 | 1 58 | 5 48 | 0 48 | 6 25 | 0 47 | 20 39 | 0 5 | 11 0 | 11 30 | 5 28 | 17 28 | 5 48 |
| S 31 | 14s 2 | 9s 7 | 4n34 | 22s45 | 2s35 | 2n10 | 1n15 | 23s40 | 1s57 | 11n34 | 1s30 | 17s12 | 1n58 | 5s49 | 0s48 | 6n24 | 0n47 | 20n39 | 0n 5 | 11n 3 | 11n31 | 5s26 | 17n27 | 5s48 |

Julian Day Number = 2607411.5, Delta T = 09m57s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'24, Lahiri = 29°49'26


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## NOVEMBER 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 41 43 | 8♏38'14 | 20♏26 | 1♐47 | 28♍38 | 21♑46 | 4°R20 | 25♏41 | 17°R 7 | 15♍35 | 27°R43 | 0°R56 | 29♌43 | 20♓37 | 24°R11 | S 1 |
| M 2 | 2 45 39 | 9°38'03 | 4♐44 | 2°57 | 29°48 | 22°30 | 4♉12 | 25°48 | 17♓ 5 | 15°37 | 27♋43 | 0♍45 | 29°40 | 20°44 | 24♊ 9 | M 2 |
| T 3 | 2 49 36 | 10°37'54 | 18°37 | 4° 6 | 0♎59 | 23°13 | 4° 4 | 25°55 | 17° 4 | 15°38 | 27°43 | 0°35 | 29°37 | 20°50 | 24° 6 | T 3 |
| W 4 | 2 53 32 | 11°37'47 | 2♑ 4 | 5°12 | 2°10 | 23°57 | 3°56 | 26° 2 | 17° 3 | 15°40 | 27°42 | 0°27 | 29°34 | 20°57 | 24° 4 | W 4 |
| T 5 | 2 57 29 | 12°37'42 | 15° 4 | 6°16 | 3°21 | 24°40 | 3°48 | 26° 9 | 17° 2 | 15°41 | 27°42 | 0°22 | 29°30 | 21° 4 | 24° 2 | T 5 |
| F 6 | 3 1 26 | 13°37'38 | 27°40 | 7°18 | 4°33 | 25°24 | 3°40 | 26°16 | 17° 1 | 15°42 | 27°42 | 0°19 | 29°27 | 21°10 | 23°59 | F 6 |
| S 7 | 3 5 22 | 14°37'36 | 9♒56 | 8°16 | 5°44 | 26° 8 | 3°32 | 26°23 | 17° 0 | 15°44 | 27°42 | 0°D17 | 29°24 | 21°17 | 23°57 | S 7 |
| S 8 | 3 9 19 | 15°37'35 | 21°56 | 9°11 | 6°56 | 26°51 | 3°25 | 26°30 | 16°59 | 15°45 | 27°42 | 0°17 | 29°21 | 21°24 | 23°54 | S 8 |
| M 9 | 3 13 15 | 16°37'36 | 3♓48 | 10° 3 | 8° 7 | 27°35 | 3°17 | 26°37 | 16°58 | 15°46 | 27°41 | 0°R18 | 29°18 | 21°30 | 23°52 | M 9 |
| T 10 | 3 17 12 | 17°37'39 | 15°35 | 10°50 | 9°19 | 28°19 | 3° 9 | 26°44 | 16°58 | 15°48 | 27°41 | 0°17 | 29°15 | 21°37 | 23°49 | T 10 |
| W11 | 3 21 8 | 18°37'43 | 27°24 | 11°33 | 10°31 | 29° 3 | 3° 2 | 26°51 | 16°57 | 15°49 | 27°41 | 0°14 | 29°11 | 21°43 | 23°46 | W11 |
| T 12 | 3 25 5 | 19°37'49 | 9♈18 | 12°11 | 11°43 | 29°47 | 2°54 | 26°58 | 16°56 | 15°50 | 27°40 | 0° 8 | 29° 8 | 21°50 | 23°44 | T 12 |
| F 13 | 3 29 1 | 20°37'56 | 21°22 | 12°43 | 12°55 | 0♒32 | 2°47 | 27° 5 | 16°55 | 15°51 | 27°40 | 29♌59 | 29° 5 | 21°57 | 23°41 | F 13 |
| S 14 | 3 32 58 | 21°38'05 | 3♉37 | 13° 9 | 14° 7 | 1°16 | 2°40 | 27°12 | 16°55 | 15°52 | 27°40 | 29°48 | 29° 2 | 22° 3 | 23°38 | S 14 |
| S 15 | 3 36 54 | 22°38'16 | 16° 5 | 13°28 | 15°19 | 2° 0 | 2°32 | 27°20 | 16°54 | 15°53 | 27°39 | 29°35 | 28°59 | 22°10 | 23°35 | S 15 |
| M16 | 3 40 51 | 23°38'29 | 28°47 | 13°40 | 16°31 | 2°44 | 2°25 | 27°27 | 16°54 | 15°55 | 27°39 | 29°21 | 28°56 | 22°17 | 23°32 | M16 |
| T 17 | 3 44 48 | 24°38'43 | 11♊42 | 13°R43 | 17°44 | 3°29 | 2°18 | 27°34 | 16°53 | 15°56 | 27°38 | 29° 8 | 28°52 | 22°23 | 23°29 | T 17 |
| W18 | 3 48 44 | 25°38'59 | 24°50 | 13°38 | 18°56 | 4°13 | 2°12 | 27°41 | 16°53 | 15°57 | 27°38 | 28°56 | 28°49 | 22°30 | 23°26 | W18 |
| T 19 | 3 52 41 | 26°39'17 | 8♋ 8 | 13°22 | 20° 9 | 4°58 | 2° 5 | 27°48 | 16°52 | 15°58 | 27°37 | 28°47 | 28°46 | 22°37 | 23°23 | T 19 |
| F 20 | 3 56 37 | 27°39'37 | 21°36 | 12°57 | 21°21 | 5°42 | 1°58 | 27°55 | 16°52 | 15°59 | 27°37 | 28°41 | 28°43 | 22°43 | 23°20 | F 20 |
| S 21 | 4 0 34 | 28°39'59 | 5♌14 | 12°22 | 22°34 | 6°27 | 1°52 | 28° 3 | 16°52 | 16° 0 | 27°36 | 28°37 | 28°40 | 22°50 | 23°17 | S 21 |
| S 22 | 4 4 30 | 29°40'22 | 19° 1 | 11°37 | 23°47 | 7°12 | 1°45 | 28°10 | 16°51 | 16° 0 | 27°36 | 28°36 | 28°36 | 22°57 | 23°13 | S 22 |
| M23 | 4 8 27 | 0♐40'48 | 2♍58 | 10°41 | 25° 0 | 7°57 | 1°39 | 28°17 | 16°51 | 16° 1 | 27°35 | 28°36 | 28°33 | 23° 3 | 23°10 | M23 |
| T 24 | 4 12 23 | 1°41'15 | 17° 4 | 9°37 | 26°13 | 8°41 | 1°33 | 28°24 | 16°51 | 16° 2 | 27°35 | 28°36 | 28°30 | 23°10 | 23° 7 | T 24 |
| W25 | 4 16 20 | 2°41'44 | 1♎20 | 8°26 | 27°26 | 9°26 | 1°27 | 28°31 | 16°51 | 16° 3 | 27°34 | 28°34 | 28°27 | 23°17 | 23° 4 | W25 |
| T 26 | 4 20 17 | 3°42'15 | 15°42 | 7° 8 | 28°39 | 10°11 | 1°22 | 28°39 | 16°D51 | 16° 4 | 27°33 | 28°29 | 28°24 | 23°23 | 23° 0 | T 26 |
| F 27 | 4 24 13 | 4°42'48 | 0♏ 8 | 5°48 | 29°52 | 10°56 | 1°16 | 28°46 | 16°51 | 16° 5 | 27°33 | 28°21 | 28°21 | 23°30 | 22°57 | F 27 |
| S 28 | 4 28 10 | 5°43'23 | 14°32 | 4°26 | 1♏ 5 | 11°41 | 1°11 | 28°53 | 16°51 | 16° 5 | 27°32 | 28°11 | 28°17 | 23°37 | 22°54 | S 28 |
| S 29 | 4 32 6 | 6°43'59 | 28°49 | 3° 7 | 2°19 | 12°26 | 1° 5 | 29° 0 | 16°51 | 16° 6 | 27°31 | 27°59 | 28°14 | 23°43 | 22°50 | S 29 |
| M30 | 4 36 3 | 7♐44'36 | 12♐51 | 1♐52 | 3♏32 | 13♒11 | 1♉ 0 | 29♏ 7 | 16♓51 | 16♍ 7 | 27♋30 | 27♌46 | 28♌11 | 23♓50 | 22♊47 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s21 | 13s 1 | 4n58 | 23s 3 | 2s39 | 1n44 | 1n18 | 23s32 | 1s56 | 11n31 | 1s30 | 17s14 | 1n57 | 5s49 | 0s48 | 6n24 | 0n47 | 20n39 | 0n 5 | 11n 7 | 11n33 | 5s24 | 17n27 | 5s49 |
| M 2 | 14 40 | 16 5 | 5 2 | 23 21 | 2 42 | 1 18 | 1 20 | 23 24 | 1 55 | 11 29 | 1 30 | 17 15 | 1 57 | 5 50 | 0 48 | 6 23 | 0 47 | 20 39 | 0 5 | 11 11 | 11 34 | 5 22 | 17 26 | 5 49 |
| T 3 | 14 59 | 18 7 | 4 48 | 23 37 | 2 45 | 0 52 | 1 23 | 23 16 | 1 54 | 11 26 | 1 30 | 17 17 | 1 57 | 5 50 | 0 48 | 6 23 | 0 47 | 20 39 | 0 5 | 11 14 | 11 35 | 5 20 | 17 26 | 5 50 |
| W 4 | 15 17 | 19 4 | 4 18 | 23 52 | 2 48 | 0 26 | 1 25 | 23 8 | 1 53 | 11 24 | 1 30 | 17 19 | 1 57 | 5 50 | 0 48 | 6 22 | 0 47 | 20 40 | 0 6 | 11 17 | 11 36 | 5 19 | 17 25 | 5 50 |
| T 5 | 15 35 | 18 57 | 3 36 | 24 6 | 2 50 | 0 0 | 1 27 | 22 59 | 1 53 | 11 21 | 1 30 | 17 21 | 1 57 | 5 51 | 0 48 | 6 22 | 0 47 | 20 40 | 0 6 | 11 19 | 11 37 | 5 17 | 17 25 | 5 51 |
| F 6 | 15 53 | 17 54 | 2 44 | 24 18 | 2 52 | 0s26 | 1 30 | 22 50 | 1 52 | 11 18 | 1 29 | 17 22 | 1 57 | 5 51 | 0 48 | 6 21 | 0 47 | 20 40 | 0 6 | 11 20 | 11 38 | 5 15 | 17 24 | 5 51 |
| S 7 | 16 11 | 16 1 | 1 46 | 24 28 | 2 53 | 0 52 | 1 32 | 22 41 | 1 51 | 11 16 | 1 29 | 17 24 | 1 57 | 5 51 | 0 48 | 6 21 | 0 47 | 20 40 | 0 6 | 11 21 | 11 39 | 5 13 | 17 24 | 5 51 |
| S 8 | 16 29 | 13 28 | 0 44 | 24 37 | 2 53 | 1 18 | 1 34 | 22 32 | 1 50 | 11 13 | 1 29 | 17 26 | 1 57 | 5 52 | 0 48 | 6 20 | 0 47 | 20 40 | 0 6 | 11 21 | 11 40 | 5 11 | 17 23 | 5 52 |
| M 9 | 16 46 | 10 23 | 0s19 | 24 45 | 2 53 | 1 45 | 1 36 | 22 23 | 1 49 | 11 11 | 1 29 | 17 27 | 1 57 | 5 52 | 0 48 | 6 20 | 0 47 | 20 40 | 0 6 | 11 21 | 11 41 | 5 9 | 17 23 | 5 52 |
| T 10 | 17 3 | 6 54 | 1 20 | 24 51 | 2 52 | 2 11 | 1 37 | 22 13 | 1 48 | 11 8 | 1 29 | 17 29 | 1 57 | 5 52 | 0 48 | 6 19 | 0 47 | 20 40 | 0 6 | 11 21 | 11 43 | 5 7 | 17 22 | 5 52 |
| W11 | 17 20 | 3 9 | 2 19 | 24 55 | 2 50 | 2 38 | 1 39 | 22 3 | 1 47 | 11 6 | 1 29 | 17 31 | 1 57 | 5 53 | 0 48 | 6 19 | 0 47 | 20 40 | 0 6 | 11 22 | 11 44 | 5 5 | 17 22 | 5 53 |
| T 12 | 17 36 | 0n45 | 3 11 | 24 57 | 2 47 | 3 4 | 1 41 | 21 53 | 1 47 | 11 4 | 1 29 | 17 32 | 1 57 | 5 53 | 0 48 | 6 18 | 0 48 | 20 40 | 0 6 | 11 24 | 11 45 | 5 4 | 17 21 | 5 53 |
| F 13 | 17 52 | 4 40 | 3 56 | 24 58 | 2 43 | 3 31 | 1 42 | 21 43 | 1 46 | 11 1 | 1 28 | 17 34 | 1 57 | 5 53 | 0 48 | 6 18 | 0 48 | 20 41 | 0 6 | 11 27 | 11 46 | 5 2 | 17 21 | 5 54 |
| S 14 | 18 8 | 8 27 | 4 30 | 24 56 | 2 38 | 3 57 | 1 44 | 21 32 | 1 45 | 10 59 | 1 28 | 17 36 | 1 57 | 5 53 | 0 48 | 6 17 | 0 48 | 20 41 | 0 6 | 11 31 | 11 47 | 5 0 | 17 20 | 5 54 |
| S 15 | 18 23 | 11 57 | 4 52 | 24 52 | 2 32 | 4 24 | 1 45 | 21 21 | 1 44 | 10 57 | 1 28 | 17 37 | 1 57 | 5 53 | 0 48 | 6 17 | 0 48 | 20 41 | 0 6 | 11 35 | 11 48 | 4 58 | 17 20 | 5 54 |
| M16 | 18 38 | 14 57 | 5 0 | 24 46 | 2 24 | 4 50 | 1 46 | 21 10 | 1 43 | 10 55 | 1 28 | 17 39 | 1 56 | 5 54 | 0 48 | 6 17 | 0 48 | 20 41 | 0 6 | 11 40 | 11 49 | 4 56 | 17 19 | 5 55 |
| T 17 | 18 53 | 17 18 | 4 53 | 24 38 | 2 15 | 5 17 | 1 48 | 20 59 | 1 42 | 10 52 | 1 28 | 17 41 | 1 56 | 5 54 | 0 48 | 6 16 | 0 48 | 20 41 | 0 6 | 11 45 | 11 50 | 4 54 | 17 19 | 5 55 |
| W18 | 19 8 | 18 47 | 4 31 | 24 27 | 2 5 | 5 43 | 1 49 | 20 48 | 1 41 | 10 50 | 1 28 | 17 42 | 1 56 | 5 54 | 0 47 | 6 16 | 0 48 | 20 41 | 0 6 | 11 49 | 11 51 | 4 52 | 17 18 | 5 55 |
| T 19 | 19 22 | 19 15 | 3 53 | 24 13 | 1 53 | 6 10 | 1 50 | 20 36 | 1 40 | 10 48 | 1 27 | 17 44 | 1 56 | 5 54 | 0 47 | 6 16 | 0 48 | 20 42 | 0 6 | 11 52 | 11 53 | 4 50 | 17 18 | 5 56 |
| F 20 | 19 35 | 18 39 | 3 2 | 23 57 | 1 40 | 6 36 | 1 50 | 20 24 | 1 39 | 10 46 | 1 27 | 17 46 | 1 56 | 5 54 | 0 47 | 6 15 | 0 48 | 20 42 | 0 7 | 11 54 | 11 54 | 4 49 | 17 17 | 5 56 |
| S 21 | 19 49 | 16 58 | 2 0 | 23 37 | 1 24 | 7 2 | 1 51 | 20 12 | 1 38 | 10 44 | 1 27 | 17 47 | 1 56 | 5 54 | 0 47 | 6 15 | 0 48 | 20 42 | 0 7 | 11 55 | 11 55 | 4 47 | 17 17 | 5 56 |
| S 22 | 20 2 | 14 17 | 0 51 | 23 15 | 1 8 | 7 28 | 1 52 | 20 0 | 1 38 | 10 42 | 1 27 | 17 49 | 1 56 | 5 54 | 0 47 | 6 15 | 0 48 | 20 42 | 0 7 | 11 56 | 11 56 | 4 45 | 17 17 | 5 56 |
| M23 | 20 15 | 10 45 | 0n23 | 22 49 | 0 50 | 7 54 | 1 53 | 19 48 | 1 37 | 10 40 | 1 26 | 17 50 | 1 56 | 5 54 | 0 47 | 6 14 | 0 48 | 20 42 | 0 7 | 11 56 | 11 57 | 4 43 | 17 16 | 5 57 |
| T 24 | 20 27 | 6 34 | 1 36 | 22 21 | 0 31 | 8 20 | 1 53 | 19 35 | 1 36 | 10 38 | 1 26 | 17 52 | 1 56 | 5 54 | 0 47 | 6 14 | 0 48 | 20 42 | 0 7 | 11 56 | 11 58 | 4 41 | 17 16 | 5 57 |
| W25 | 20 39 | 1 59 | 2 44 | 21 50 | 0 11 | 8 46 | 1 53 | 19 22 | 1 35 | 10 36 | 1 26 | 17 54 | 1 56 | 5 54 | 0 47 | 6 14 | 0 48 | 20 43 | 0 7 | 11 57 | 11 59 | 4 39 | 17 15 | 5 57 |
| T 26 | 20 50 | 2s45 | 3 42 | 21 17 | 0n10 | 9 12 | 1 54 | 19 9 | 1 34 | 10 35 | 1 26 | 17 55 | 1 56 | 5 54 | 0 47 | 6 13 | 0 48 | 20 43 | 0 7 | 11 58 | 12 0 | 4 37 | 17 15 | 5 58 |
| F 27 | 21 2 | 7 21 | 4 25 | 20 43 | 0 30 | 9 37 | 1 54 | 18 56 | 1 33 | 10 33 | 1 26 | 17 57 | 1 56 | 5 54 | 0 47 | 6 13 | 0 48 | 20 43 | 0 7 | 12 1 | 12 1 | 4 35 | 17 14 | 5 58 |
| S 28 | 21 12 | 11 30 | 4 52 | 20 9 | 0 50 | 10 2 | 1 54 | 18 43 | 1 32 | 10 31 | 1 25 | 17 58 | 1 56 | 5 54 | 0 47 | 6 13 | 0 48 | 20 43 | 0 7 | 12 5 | 12 2 | 4 33 | 17 14 | 5 58 |
| S 29 | 21 23 | 14 57 | 5 1 | 19 36 | 1 9 | 10 27 | 1 54 | 18 29 | 1 31 | 10 30 | 1 25 | 18 0 | 1 56 | 5 54 | 0 47 | 6 13 | 0 48 | 20 43 | 0 7 | 12 9 | 12 3 | 4 32 | 17 14 | 5 58 |
| M30 | 21s33 | 17s29 | 4n50 | 19s 4 | 1n27 | 10s52 | 1n54 | 18s15 | 1s30 | 10n28 | 1s25 | 18s 1 | 1n56 | 5s54 | 0s47 | 6n12 | 0n48 | 20n44 | 0n 7 | 12n13 | 12n 5 | 4s30 | 17n13 | 5s58 |

Julian Day Number = 2607442.5, Delta T = 09m57s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'28, Lahiri = 29°49'30


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# ASTRODIENST EPHEMERIS for the year 2426
# geocentric

## DECEMBER 2426 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 39 59 | 8♐45'15 | 26♐34 | 0°R43 | 4♏45 | 13♒57 | 0°R56 | 29♏14 | 16♓52 | 16♍ 7 | 27°R30 | 27°R35 | 28♌ 8 | 23♓57 | 22°R43 | T 1 |
| W 2 | 4 43 56 | 9°45'56 | 9♑56 | 29♏44 | 5°59 | 14°42 | 0♉51 | 29°21 | 16°52 | 16° 8 | 27♋29 | 27♌25 | 28° 5 | 24° 3 | 22♊40 | W 2 |
| T 3 | 4 47 53 | 10°46'37 | 22°54 | 28°55 | 7°12 | 15°27 | 0°46 | 29°28 | 16°52 | 16° 8 | 27°28 | 27°17 | 28° 1 | 24°10 | 22°36 | T 3 |
| F 4 | 4 51 49 | 11°47'20 | 5♒30 | 28°18 | 8°26 | 16°12 | 0°42 | 29°35 | 16°53 | 16° 9 | 27°27 | 27°13 | 27°58 | 24°17 | 22°33 | F 4 |
| S 5 | 4 55 46 | 12°48'04 | 17°47 | 27°52 | 9°40 | 16°58 | 0°38 | 29°43 | 16°53 | 16° 9 | 27°26 | 27°11 | 27°55 | 24°23 | 22°29 | S 5 |
| S 6 | 4 59 42 | 13°48'49 | 29°49 | 27°37 | 10°53 | 17°43 | 0°34 | 29°50 | 16°54 | 16°10 | 27°26 | 27°D11 | 27°52 | 24°30 | 22°25 | S 6 |
| M 7 | 5 3 39 | 14°49'34 | 11♓41 | 27°D34 | 12° 7 | 18°28 | 0°30 | 29°57 | 16°54 | 16°10 | 27°25 | 27°R11 | 27°49 | 24°37 | 22°22 | M 7 |
| T 8 | 5 7 35 | 15°50'21 | 23°30 | 27°41 | 13°21 | 19°14 | 0°26 | 0♐ 4 | 16°55 | 16°10 | 27°24 | 27°11 | 27°46 | 24°43 | 22°18 | T 8 |
| W 9 | 5 11 32 | 16°51'08 | 5♈19 | 27°58 | 14°35 | 19°59 | 0°23 | 0°11 | 16°55 | 16°11 | 27°23 | 27° 9 | 27°42 | 24°50 | 22°14 | W 9 |
| T 10 | 5 15 28 | 17°51'57 | 17°16 | 28°23 | 15°49 | 20°45 | 0°20 | 0°18 | 16°56 | 16°11 | 27°22 | 27° 5 | 27°39 | 24°57 | 22°11 | T 10 |
| F 11 | 5 19 25 | 18°52'46 | 29°23 | 28°57 | 17° 3 | 21°30 | 0°17 | 0°25 | 16°57 | 16°11 | 27°21 | 26°58 | 27°36 | 25° 3 | 22° 7 | F 11 |
| S 12 | 5 23 22 | 19°53'36 | 11♉46 | 29°39 | 18°17 | 22°16 | 0°14 | 0°31 | 16°58 | 16°12 | 27°20 | 26°49 | 27°33 | 25°10 | 22° 4 | S 12 |
| S 13 | 5 27 18 | 20°54'27 | 24°25 | 0♐26 | 19°31 | 23° 1 | 0°11 | 0°38 | 16°58 | 16°12 | 27°19 | 26°38 | 27°30 | 25°17 | 22° 0 | S 13 |
| M14 | 5 31 15 | 21°55'19 | 7♊23 | 1°19 | 20°45 | 23°47 | 0° 9 | 0°45 | 16°59 | 16°12 | 27°18 | 26°26 | 27°27 | 25°23 | 21°56 | M14 |
| T 15 | 5 35 11 | 22°56'12 | 20°38 | 2°17 | 21°59 | 24°32 | 0° 7 | 0°52 | 17° 0 | 16°12 | 27°17 | 26°15 | 27°23 | 25°30 | 21°53 | T 15 |
| W16 | 5 39 8 | 23°57'07 | 4♋ 9 | 3°20 | 23°13 | 25°18 | 0° 5 | 0°59 | 17° 1 | 16°12 | 27°16 | 26° 5 | 27°20 | 25°37 | 21°49 | W16 |
| T 17 | 5 43 4 | 24°58'02 | 17°53 | 4°26 | 24°27 | 26° 4 | 0° 3 | 1° 6 | 17° 2 | 16°12 | 27°15 | 25°57 | 27°17 | 25°43 | 21°45 | T 17 |
| F 18 | 5 47 1 | 25°58'58 | 1♌46 | 5°35 | 25°42 | 26°49 | 0° 1 | 1°12 | 17° 3 | 16°R12 | 27°14 | 25°52 | 27°14 | 25°50 | 21°42 | F 18 |
| S 19 | 5 50 57 | 26°59'55 | 15°46 | 6°47 | 26°56 | 27°35 | 0° 0 | 1°19 | 17° 4 | 16°12 | 27°13 | 25°49 | 27°11 | 25°57 | 21°38 | S 19 |
| S 20 | 5 54 54 | 28° 0'53 | 29°49 | 8° 2 | 28°10 | 28°21 | 29♈59 | 1°26 | 17° 6 | 16°12 | 27°12 | 25°D49 | 27° 7 | 26° 3 | 21°34 | S 20 |
| M21 | 5 58 51 | 29° 1'52 | 13♍55 | 9°19 | 29°24 | 29° 6 | 29°58 | 1°32 | 17° 7 | 16°12 | 27°11 | 25°50 | 27° 4 | 26°10 | 21°31 | M21 |
| T 22 | 6 2 47 | 0♑ 2'52 | 28° 1 | 10°38 | 0♐39 | 29°52 | 29°57 | 1°39 | 17° 8 | 16°12 | 27°10 | 25°R50 | 27° 1 | 26°17 | 21°27 | T 22 |
| W23 | 6 6 44 | 1° 3'53 | 12♎ 7 | 11°58 | 1°53 | 0♓38 | 29°57 | 1°46 | 17° 9 | 16°12 | 27° 8 | 25°50 | 26°58 | 26°23 | 21°23 | W23 |
| T 24 | 6 10 40 | 2° 4'55 | 26°12 | 13°20 | 3° 8 | 1°24 | 29°56 | 1°52 | 17°11 | 16°12 | 27° 7 | 25°47 | 26°55 | 26°30 | 21°20 | T 24 |
| F 25 | 6 14 37 | 3° 5'58 | 10♏14 | 14°43 | 4°22 | 2° 9 | 29°D56 | 1°59 | 17°12 | 16°12 | 27° 6 | 25°42 | 26°52 | 26°37 | 21°16 | F 25 |
| S 26 | 6 18 33 | 4° 7'02 | 24°10 | 16° 7 | 5°37 | 2°55 | 29°56 | 2° 5 | 17°14 | 16°11 | 27° 5 | 25°35 | 26°48 | 26°43 | 21°13 | S 26 |
| S 27 | 6 22 30 | 5° 8'07 | 7♐58 | 17°32 | 6°51 | 3°41 | 29°57 | 2°12 | 17°15 | 16°11 | 27° 4 | 25°27 | 26°45 | 26°50 | 21° 9 | S 27 |
| M28 | 6 26 26 | 6° 9'13 | 21°35 | 18°58 | 8° 6 | 4°27 | 29°57 | 2°18 | 17°17 | 16°11 | 27° 3 | 25°17 | 26°42 | 26°57 | 21° 6 | M28 |
| T 29 | 6 30 23 | 7°10'19 | 4♑56 | 20°24 | 9°20 | 5°12 | 29°58 | 2°24 | 17°18 | 16°10 | 27° 1 | 25° 9 | 26°39 | 27° 3 | 21° 2 | T 29 |
| W30 | 6 34 20 | 8°11'26 | 18° 1 | 21°51 | 10°35 | 5°58 | 29°59 | 2°31 | 17°20 | 16°10 | 27° 0 | 25° 2 | 26°36 | 27°10 | 20°59 | W30 |
| T 31 | 6 38 16 | 9♑12'33 | 0♒49 | 23♐19 | 11♐50 | 6♓44 | 29♈59 | 2♐37 | 17♓22 | 16♍10 | 26♋59 | 24♌57 | 26♌33 | 27♓17 | 20♊55 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 21s42 | 18s57 | 4n24 | 18s34 | 1n43 | 11s17 | 1n54 | 18s 2 | 1s29 | 10n27 | 1s25 | 18s 3 | 1n56 | 5s54 | 0s47 | 6n12 | 0n48 | 20n44 | 0n 7 | 12n17 | 12n 6 | 4s28 | 17n13 | 5s59 | T 1 |
| W 2 | 21 52 | 19 19 | 3 43 | 18 8 | 1 57 | 11 41 | 1 54 | 17 47 | 1 28 | 10 25 | 1 24 | 18 4 | 1 56 | 5 54 | 0 47 | 6 12 | 0 48 | 20 44 | 0 7 | 12 21 | 12 7 | 4 26 | 17 12 | 5 59 | W 2 |
| T 3 | 22 0 | 18 38 | 2 51 | 17 46 | 2 9 | 12 6 | 1 54 | 17 33 | 1 27 | 10 24 | 1 24 | 18 6 | 1 56 | 5 54 | 0 47 | 6 12 | 0 48 | 20 44 | 0 7 | 12 23 | 12 8 | 4 24 | 17 12 | 5 59 | T 3 |
| F 4 | 22 9 | 17 2 | 1 52 | 17 28 | 2 19 | 12 30 | 1 53 | 17 19 | 1 26 | 10 23 | 1 24 | 18 7 | 1 56 | 5 53 | 0 47 | 6 12 | 0 48 | 20 44 | 0 7 | 12 24 | 12 9 | 4 22 | 17 12 | 5 59 | F 4 |
| S 5 | 22 17 | 14 41 | 0 50 | 17 15 | 2 26 | 12 53 | 1 53 | 17 4 | 1 25 | 10 22 | 1 23 | 18 9 | 1 56 | 5 53 | 0 47 | 6 12 | 0 48 | 20 45 | 0 8 | 12 25 | 12 10 | 4 20 | 17 11 | 5 59 | S 5 |
| S 6 | 22 24 | 11 44 | 0s14 | 17 7 | 2 32 | 13 17 | 1 52 | 16 49 | 1 24 | 10 21 | 1 23 | 18 10 | 1 56 | 5 53 | 0 47 | 6 11 | 0 48 | 20 45 | 0 8 | 12 25 | 12 11 | 4 18 | 17 11 | 6 0 | S 6 |
| M 7 | 22 31 | 8 20 | 1 16 | 17 2 | 2 36 | 13 40 | 1 52 | 16 35 | 1 23 | 10 19 | 1 23 | 18 12 | 1 56 | 5 53 | 0 47 | 6 11 | 0 48 | 20 45 | 0 8 | 12 25 | 12 12 | 4 16 | 17 10 | 6 0 | M 7 |
| T 8 | 22 38 | 4 39 | 2 15 | 17 2 | 2 38 | 14 3 | 1 51 | 16 19 | 1 22 | 10 19 | 1 23 | 18 13 | 1 56 | 5 52 | 0 47 | 6 11 | 0 48 | 20 45 | 0 8 | 12 25 | 12 13 | 4 14 | 17 10 | 6 0 | T 8 |
| W 9 | 22 44 | 0 46 | 3 8 | 17 5 | 2 38 | 14 25 | 1 50 | 16 4 | 1 21 | 10 18 | 1 22 | 18 15 | 1 56 | 5 52 | 0 47 | 6 11 | 0 48 | 20 46 | 0 8 | 12 26 | 12 14 | 4 12 | 17 10 | 6 0 | W 9 |
| T 10 | 22 50 | 3n10 | 3 54 | 17 12 | 2 37 | 14 47 | 1 49 | 15 49 | 1 20 | 10 17 | 1 22 | 18 16 | 1 56 | 5 52 | 0 47 | 6 11 | 0 49 | 20 46 | 0 8 | 12 27 | 12 16 | 4 11 | 17 9 | 6 0 | T 10 |
| F 11 | 22 55 | 7 2 | 4 29 | 17 21 | 2 35 | 15 9 | 1 48 | 15 33 | 1 19 | 10 16 | 1 22 | 18 18 | 1 56 | 5 51 | 0 47 | 6 11 | 0 49 | 20 46 | 0 8 | 12 30 | 12 17 | 4 9 | 17 9 | 6 0 | F 11 |
| S 12 | 23 0 | 10 41 | 4 53 | 17 33 | 2 32 | 15 31 | 1 47 | 15 18 | 1 18 | 10 15 | 1 21 | 18 19 | 1 56 | 5 51 | 0 47 | 6 11 | 0 49 | 20 46 | 0 8 | 12 33 | 12 18 | 4 7 | 17 9 | 6 0 | S 12 |
| S 13 | 23 4 | 13 56 | 5 3 | 17 47 | 2 28 | 15 52 | 1 46 | 15 2 | 1 17 | 10 15 | 1 21 | 18 20 | 1 56 | 5 51 | 0 46 | 6 11 | 0 49 | 20 47 | 0 8 | 12 36 | 12 19 | 4 5 | 17 8 | 6 1 | S 13 |
| M14 | 23 8 | 16 36 | 4 58 | 18 2 | 2 23 | 16 12 | 1 45 | 14 46 | 1 17 | 10 14 | 1 21 | 18 22 | 1 56 | 5 50 | 0 46 | 6 11 | 0 49 | 20 47 | 0 8 | 12 40 | 12 20 | 4 3 | 17 8 | 6 1 | M14 |
| T 15 | 23 12 | 18 27 | 4 36 | 18 19 | 2 18 | 16 33 | 1 44 | 14 30 | 1 16 | 10 14 | 1 21 | 18 23 | 1 56 | 5 50 | 0 46 | 6 11 | 0 49 | 20 47 | 0 8 | 12 44 | 12 21 | 4 1 | 17 8 | 6 1 | T 15 |
| W16 | 23 15 | 19 20 | 3 59 | 18 37 | 2 12 | 16 53 | 1 42 | 14 14 | 1 15 | 10 13 | 1 20 | 18 24 | 1 56 | 5 50 | 0 46 | 6 11 | 0 49 | 20 47 | 0 8 | 12 48 | 12 22 | 3 59 | 17 8 | 6 1 | W16 |
| T 17 | 23 17 | 19 5 | 3 8 | 18 55 | 2 6 | 17 12 | 1 41 | 13 57 | 1 14 | 10 13 | 1 20 | 18 26 | 1 56 | 5 49 | 0 46 | 6 11 | 0 49 | 20 48 | 0 8 | 12 50 | 12 23 | 3 57 | 17 7 | 6 1 | T 17 |
| F 18 | 23 19 | 17 41 | 2 5 | 19 14 | 1 59 | 17 31 | 1 40 | 13 41 | 1 13 | 10 13 | 1 20 | 18 27 | 1 56 | 5 49 | 0 46 | 6 11 | 0 49 | 20 48 | 0 8 | 12 52 | 12 24 | 3 55 | 17 7 | 6 1 | F 18 |
| S 19 | 23 21 | 15 13 | 0 54 | 19 33 | 1 52 | 17 50 | 1 38 | 13 24 | 1 12 | 10 12 | 1 19 | 18 28 | 1 56 | 5 48 | 0 46 | 6 11 | 0 49 | 20 48 | 0 8 | 12 53 | 12 25 | 3 53 | 17 7 | 6 1 | S 19 |
| S 20 | 23 22 | 11 51 | 0n21 | 19 53 | 1 44 | 18 8 | 1 37 | 13 8 | 1 11 | 10 12 | 1 19 | 18 30 | 1 56 | 5 48 | 0 46 | 6 11 | 0 49 | 20 49 | 0 9 | 12 53 | 12 26 | 3 51 | 17 6 | 6 1 | S 20 |
| M21 | 23 23 | 7 47 | 1 36 | 20 12 | 1 37 | 18 26 | 1 35 | 12 51 | 1 10 | 10 12 | 1 19 | 18 31 | 1 57 | 5 47 | 0 46 | 6 11 | 0 49 | 20 49 | 0 9 | 12 53 | 12 27 | 3 49 | 17 6 | 6 1 | M21 |
| T 22 | 23 23 | 3 18 | 2 44 | 20 31 | 1 29 | 18 43 | 1 33 | 12 34 | 1 9 | 10 12 | 1 18 | 18 32 | 1 57 | 5 47 | 0 46 | 6 11 | 0 49 | 20 49 | 0 9 | 12 53 | 12 29 | 3 47 | 17 6 | 6 1 | T 22 |
| W23 | 23 23 | 1s22 | 3 42 | 20 49 | 1 22 | 19 0 | 1 32 | 12 17 | 1 8 | 10 12 | 1 18 | 18 34 | 1 57 | 5 46 | 0 46 | 6 11 | 0 49 | 20 49 | 0 9 | 12 53 | 12 30 | 3 45 | 17 6 | 6 1 | W23 |
| T 24 | 23 22 | 5 56 | 4 27 | 21 7 | 1 14 | 19 16 | 1 30 | 12 0 | 1 7 | 10 13 | 1 18 | 18 35 | 1 57 | 5 46 | 0 46 | 6 11 | 0 49 | 20 50 | 0 9 | 12 54 | 12 31 | 3 44 | 17 5 | 6 1 | T 24 |
| F 25 | 23 21 | 10 10 | 4 56 | 21 25 | 1 6 | 19 32 | 1 28 | 11 42 | 1 6 | 10 13 | 1 18 | 18 36 | 1 57 | 5 45 | 0 46 | 6 11 | 0 49 | 20 50 | 0 9 | 12 55 | 12 32 | 3 42 | 17 5 | 6 1 | F 25 |
| S 26 | 23 19 | 13 49 | 5 6 | 21 42 | 0 58 | 19 47 | 1 26 | 11 25 | 1 5 | 10 13 | 1 17 | 18 37 | 1 57 | 5 44 | 0 46 | 6 11 | 0 49 | 20 50 | 0 9 | 12 58 | 12 33 | 3 40 | 17 5 | 6 1 | S 26 |
| S 27 | 23 17 | 16 39 | 4 59 | 21 58 | 0 50 | 20 1 | 1 24 | 11 7 | 1 4 | 10 13 | 1 17 | 18 38 | 1 57 | 5 44 | 0 46 | 6 12 | 0 49 | 20 51 | 0 9 | 13 1 | 12 34 | 3 38 | 17 5 | 6 1 | S 27 |
| M28 | 23 14 | 18 32 | 4 35 | 22 13 | 0 42 | 20 15 | 1 22 | 10 50 | 1 3 | 10 14 | 1 17 | 18 40 | 1 57 | 5 43 | 0 46 | 6 12 | 0 49 | 20 51 | 0 9 | 13 4 | 12 35 | 3 36 | 17 5 | 6 1 | M28 |
| T 29 | 23 11 | 19 21 | 3 56 | 22 28 | 0 35 | 20 29 | 1 20 | 10 32 | 1 2 | 10 14 | 1 16 | 18 41 | 1 57 | 5 42 | 0 46 | 6 12 | 0 49 | 20 51 | 0 9 | 13 6 | 12 36 | 3 34 | 17 4 | 6 1 | T 29 |
| W30 | 23 8 | 19 6 | 3 6 | 22 41 | 0 27 | 20 42 | 1 18 | 10 15 | 1 1 | 10 15 | 1 16 | 18 42 | 1 57 | 5 42 | 0 46 | 6 12 | 0 49 | 20 51 | 0 9 | 13 9 | 12 37 | 3 32 | 17 4 | 6 1 | W30 |
| T 31 | 23s 4 | 17s52 | 2n 7 | 22s54 | 0n19 | 20s54 | 1n16 | 9s57 | 1s 0 | 10n16 | 1s16 | 18s43 | 1n57 | 5s41 | 0s46 | 6n12 | 0n49 | 20n52 | 0n 9 | 13n11 | 12n38 | 3s30 | 17n 4 | 6s 1 | T 31 |

Julian Day Number = 2607472.5, Delta T = 09m57s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'32, Lahiri = 29°49'34


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## JANUARY 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 42 13 | 10♉13'40 | 13♒18 | 24♐48 | 13♐ 4 | 7♓30 | 0♉ 1 | 2♐43 | 17♓24 | 16°R 9 | 26°R58 | 24°R54 | 26♌29 | 27♓23 | 20°R52 | F 1 |
| S 2 | 6 46 9 | 11°14'48 | 25°33 | 26°17 | 14°19 | 8°16 | 0° 3 | 2°49 | 17°25 | 16♍ 9 | 26♋57 | 24°D53 | 26°26 | 27°30 | 20♊48 | S 2 |
| S 3 | 6 50 6 | 12°15'55 | 7♓34 | 27°46 | 15°34 | 9° 1 | 0° 5 | 2°55 | 17°27 | 16° 8 | 26°55 | 24♌54 | 26°23 | 27°37 | 20°45 | S 3 |
| M 4 | 6 54 2 | 13°17'03 | 19°27 | 29°16 | 16°48 | 9°47 | 0° 7 | 3° 1 | 17°29 | 16° 8 | 26°54 | 24°55 | 26°20 | 27°43 | 20°42 | M 4 |
| T 5 | 6 57 59 | 14°18'10 | 1♈16 | 0♉46 | 18° 3 | 10°33 | 0° 9 | 3° 7 | 17°31 | 16° 7 | 26°53 | 24°57 | 26°17 | 27°50 | 20°39 | T 5 |
| W 6 | 7 1 55 | 15°19'18 | 13° 6 | 2°16 | 19°18 | 11°19 | 0°11 | 3°13 | 17°33 | 16° 6 | 26°52 | 24°R58 | 26°13 | 27°57 | 20°35 | W 6 |
| T 7 | 7 5 52 | 16°20'26 | 25° 2 | 3°47 | 20°33 | 12° 5 | 0°14 | 3°19 | 17°35 | 16° 6 | 26°50 | 24°57 | 26°10 | 28° 3 | 20°32 | T 7 |
| F 8 | 7 9 49 | 17°21'33 | 7♉ 9 | 5°18 | 21°47 | 12°51 | 0°17 | 3°25 | 17°37 | 16° 5 | 26°49 | 24°55 | 26° 7 | 28°10 | 20°29 | F 8 |
| S 9 | 7 13 45 | 18°22'40 | 19°32 | 6°50 | 23° 2 | 13°36 | 0°20 | 3°31 | 17°39 | 16° 4 | 26°48 | 24°52 | 26° 4 | 28°17 | 20°26 | S 9 |
| S 10 | 7 17 42 | 19°23'47 | 2♊15 | 8°22 | 24°17 | 14°22 | 0°23 | 3°37 | 17°41 | 16° 4 | 26°47 | 24°47 | 26° 1 | 28°23 | 20°23 | S 10 |
| M11 | 7 21 38 | 20°24'54 | 15°20 | 9°54 | 25°32 | 15° 8 | 0°26 | 3°42 | 17°43 | 16° 3 | 26°45 | 24°41 | 25°58 | 28°30 | 20°20 | M11 |
| T 12 | 7 25 35 | 21°26'01 | 28°48 | 11°27 | 26°47 | 15°54 | 0°30 | 3°48 | 17°46 | 16° 2 | 26°44 | 24°35 | 25°54 | 28°37 | 20°17 | T 12 |
| W13 | 7 29 31 | 22°27'08 | 12♋36 | 13° 0 | 28° 2 | 16°39 | 0°33 | 3°53 | 17°48 | 16° 1 | 26°43 | 24°30 | 25°51 | 28°43 | 20°14 | W13 |
| T 14 | 7 33 28 | 23°28'14 | 26°43 | 14°34 | 29°16 | 17°25 | 0°37 | 3°59 | 17°50 | 16° 1 | 26°41 | 24°26 | 25°48 | 28°50 | 20°11 | T 14 |
| F 15 | 7 37 24 | 24°29'21 | 11♌ 3 | 16° 8 | 0♉31 | 18°11 | 0°42 | 4° 4 | 17°53 | 16° 0 | 26°40 | 24°24 | 25°45 | 28°57 | 20° 8 | F 15 |
| S 16 | 7 41 21 | 25°30'27 | 25°32 | 17°42 | 1°46 | 18°57 | 0°46 | 4°10 | 17°55 | 15°59 | 26°39 | 24°D23 | 25°42 | 29° 3 | 20° 5 | S 16 |
| S 17 | 7 45 18 | 26°31'33 | 10♍ 2 | 19°17 | 3° 1 | 19°42 | 0°50 | 4°15 | 17°57 | 15°58 | 26°38 | 24°24 | 25°39 | 29°10 | 20° 3 | S 17 |
| M18 | 7 49 14 | 27°32'40 | 24°31 | 20°52 | 4°16 | 20°28 | 0°55 | 4°20 | 18° 0 | 15°57 | 26°36 | 24°25 | 25°35 | 29°17 | 20° 0 | M18 |
| T 19 | 7 53 11 | 28°33'46 | 8♎52 | 22°27 | 5°31 | 21°14 | 1° 0 | 4°25 | 18° 2 | 15°56 | 26°35 | 24°27 | 25°32 | 29°23 | 19°57 | T 19 |
| W20 | 7 57 7 | 29°34'52 | 23° 4 | 24° 3 | 6°46 | 21°59 | 1° 5 | 4°30 | 18° 5 | 15°55 | 26°34 | 24°28 | 25°29 | 29°30 | 19°55 | W20 |
| T 21 | 8 1 4 | 0♒35'58 | 7♏ 5 | 25°40 | 8° 1 | 22°45 | 1°10 | 4°35 | 18° 7 | 15°54 | 26°32 | 24°R28 | 25°26 | 29°37 | 19°52 | T 21 |
| F 22 | 8 5 0 | 1°37'04 | 20°54 | 27°17 | 9°16 | 23°31 | 1°16 | 4°40 | 18°10 | 15°53 | 26°31 | 24°27 | 25°23 | 29°43 | 19°50 | F 22 |
| S 23 | 8 8 57 | 2°38'10 | 4♐30 | 28°54 | 10°31 | 24°16 | 1°21 | 4°45 | 18°13 | 15°52 | 26°30 | 24°24 | 25°19 | 29°50 | 19°47 | S 23 |
| S 24 | 8 12 53 | 3°39'16 | 17°53 | 0♒32 | 11°46 | 25° 2 | 1°27 | 4°50 | 18°15 | 15°50 | 26°29 | 24°21 | 25°16 | 29°57 | 19°45 | S 24 |
| M25 | 8 16 50 | 4°40'22 | 1♉ 3 | 2°11 | 13° 1 | 25°47 | 1°33 | 4°55 | 18°18 | 15°49 | 26°27 | 24°18 | 25°13 | 0♈ 3 | 19°43 | M25 |
| T 26 | 8 20 47 | 5°41'27 | 13°59 | 3°50 | 14°16 | 26°33 | 1°39 | 5° 0 | 18°21 | 15°48 | 26°26 | 24°15 | 25°10 | 0°10 | 19°40 | T 26 |
| W27 | 8 24 43 | 6°42'32 | 26°42 | 5°30 | 15°31 | 27°19 | 1°46 | 5° 4 | 18°23 | 15°47 | 26°25 | 24°13 | 25° 7 | 0°17 | 19°38 | W27 |
| T 28 | 8 28 40 | 7°43'36 | 9♒12 | 7°10 | 16°46 | 28° 4 | 1°52 | 5° 9 | 18°26 | 15°46 | 26°24 | 24°11 | 25° 4 | 0°23 | 19°36 | T 28 |
| F 29 | 8 32 36 | 8°44'39 | 21°30 | 8°51 | 18° 1 | 28°50 | 1°59 | 5°13 | 18°29 | 15°45 | 26°22 | 24°D11 | 25° 0 | 0°30 | 19°34 | F 29 |
| S 30 | 8 36 33 | 9°45'42 | 3♓37 | 10°32 | 19°16 | 29°35 | 2° 5 | 5°17 | 18°32 | 15°43 | 26°21 | 24°11 | 24°57 | 0°37 | 19°32 | S 30 |
| S 31 | 8 40 29 | 10♒46'44 | 15♓35 | 12♒14 | 20♉31 | 0♈21 | 2♉12 | 5♐22 | 18♓35 | 15♍42 | 26♋20 | 24♌12 | 24♌54 | 0♈43 | 19♊30 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 22s59 | 15s47 | 1n 2 | 23s 5 | 0n12 | 21s 6 | 1n13 | 9s39 | 0s59 | 10n17 | 1s15 | 18s44 | 1n57 | 5s40 | 0s46 | 6n12 | 0n49 | 20n52 | 0n 9 | 13n11 | 12n39 | 3s28 | 17n 4 | 6s 1 | |
| S 2 | 22 54 | 13 2 | 0s 4 | 23 16 | 0 4 | 21 17 | 1 11 | 9 21 | 0 58 | 10 17 | 1 15 | 18 45 | 1 57 | 5 40 | 0 46 | 6 13 | 0 49 | 20 52 | 0 9 | 13 12 | 12 40 | 3 26 | 17 4 | 6 1 | |
| S 3 | 22 49 | 9 46 | 1 8 | 23 25 | 0s 3 | 21 28 | 1 9 | 9 3 | 0 57 | 10 18 | 1 15 | 18 46 | 1 57 | 5 39 | 0 46 | 6 13 | 0 49 | 20 53 | 0 9 | 13 11 | 12 42 | 3 24 | 17 4 | 6 1 | |
| M 4 | 22 43 | 6 9 | 2 10 | 23 33 | 0 11 | 21 37 | 1 7 | 8 45 | 0 56 | 10 19 | 1 14 | 18 47 | 1 57 | 5 38 | 0 46 | 6 13 | 0 49 | 20 53 | 0 10 | 13 11 | 12 43 | 3 22 | 17 4 | 6 1 | |
| T 5 | 22 37 | 2 20 | 3 5 | 23 40 | 0 18 | 21 47 | 1 4 | 8 26 | 0 55 | 10 20 | 1 14 | 18 49 | 1 58 | 5 37 | 0 46 | 6 13 | 0 49 | 20 53 | 0 10 | 13 10 | 12 44 | 3 20 | 17 3 | 6 1 | |
| W 6 | 22 30 | 1n35 | 3 52 | 23 46 | 0 25 | 21 55 | 1 2 | 8 8 | 0 54 | 10 21 | 1 14 | 18 50 | 1 58 | 5 36 | 0 46 | 6 14 | 0 50 | 20 54 | 0 10 | 13 10 | 12 45 | 3 18 | 17 3 | 6 0 | |
| T 7 | 22 23 | 5 28 | 4 30 | 23 51 | 0 31 | 22 3 | 1 0 | 7 50 | 0 53 | 10 23 | 1 14 | 18 51 | 1 58 | 5 36 | 0 46 | 6 14 | 0 50 | 20 54 | 0 10 | 13 10 | 12 46 | 3 16 | 17 3 | 6 0 | |
| F 8 | 22 15 | 9 11 | 4 57 | 23 55 | 0 38 | 22 11 | 0 57 | 7 31 | 0 52 | 10 24 | 1 13 | 18 52 | 1 58 | 5 35 | 0 45 | 6 14 | 0 50 | 20 54 | 0 10 | 13 11 | 12 47 | 3 14 | 17 3 | 6 0 | |
| S 9 | 22 7 | 12 35 | 5 10 | 23 57 | 0 45 | 22 17 | 0 55 | 7 13 | 0 51 | 10 25 | 1 13 | 18 53 | 1 58 | 5 34 | 0 45 | 6 15 | 0 50 | 20 54 | 0 10 | 13 12 | 12 48 | 3 12 | 17 3 | 6 0 | |
| S 10 | 21 59 | 15 31 | 5 9 | 23 58 | 0 51 | 22 23 | 0 52 | 6 55 | 0 50 | 10 27 | 1 13 | 18 54 | 1 58 | 5 33 | 0 45 | 6 15 | 0 50 | 20 55 | 0 10 | 13 14 | 12 49 | 3 10 | 17 3 | 6 0 | |
| M11 | 21 50 | 17 44 | 4 52 | 23 58 | 0 57 | 22 29 | 0 50 | 6 36 | 0 49 | 10 28 | 1 12 | 18 55 | 1 58 | 5 32 | 0 45 | 6 15 | 0 50 | 20 55 | 0 10 | 13 16 | 12 50 | 3 8 | 17 3 | 6 0 | |
| T 12 | 21 41 | 19 4 | 4 18 | 23 56 | 1 3 | 22 34 | 0 47 | 6 17 | 0 48 | 10 30 | 1 12 | 18 55 | 1 58 | 5 31 | 0 45 | 6 16 | 0 50 | 20 55 | 0 10 | 13 18 | 12 51 | 3 7 | 17 3 | 6 0 | |
| W13 | 21 31 | 19 19 | 3 29 | 23 53 | 1 9 | 22 38 | 0 44 | 5 59 | 0 47 | 10 31 | 1 12 | 18 56 | 1 58 | 5 30 | 0 45 | 6 16 | 0 50 | 20 56 | 0 10 | 13 19 | 12 52 | 3 5 | 17 3 | 5 59 | |
| T 14 | 21 21 | 18 23 | 2 26 | 23 49 | 1 14 | 22 41 | 0 42 | 5 40 | 0 46 | 10 33 | 1 11 | 18 57 | 1 58 | 5 29 | 0 45 | 6 16 | 0 50 | 20 56 | 0 10 | 13 21 | 12 53 | 3 3 | 17 3 | 5 59 | |
| F 15 | 21 10 | 16 15 | 1 13 | 23 43 | 1 19 | 22 44 | 0 39 | 5 21 | 0 45 | 10 35 | 1 11 | 18 58 | 1 58 | 5 29 | 0 45 | 6 17 | 0 50 | 20 56 | 0 10 | 13 22 | 12 54 | 3 1 | 17 3 | 5 59 | |
| S 16 | 20 59 | 13 5 | 0n 6 | 23 37 | 1 24 | 22 46 | 0 37 | 5 3 | 0 44 | 10 36 | 1 11 | 18 59 | 1 59 | 5 28 | 0 45 | 6 17 | 0 50 | 20 57 | 0 10 | 13 22 | 12 55 | 2 59 | 17 3 | 5 59 | |
| S 17 | 20 48 | 9 6 | 1 25 | 23 28 | 1 29 | 22 47 | 0 34 | 4 44 | 0 43 | 10 38 | 1 11 | 19 0 | 1 59 | 5 27 | 0 45 | 6 17 | 0 50 | 20 57 | 0 10 | 13 21 | 12 57 | 2 57 | 17 3 | 5 59 | |
| M18 | 20 36 | 4 36 | 2 38 | 23 19 | 1 34 | 22 47 | 0 31 | 4 25 | 0 42 | 10 40 | 1 10 | 19 1 | 1 59 | 5 26 | 0 45 | 6 18 | 0 50 | 20 57 | 0 10 | 13 21 | 12 58 | 2 55 | 17 3 | 5 59 | |
| T 19 | 20 24 | 0s 7 | 3 41 | 23 8 | 1 38 | 22 47 | 0 29 | 4 6 | 0 41 | 10 42 | 1 10 | 19 2 | 1 59 | 5 25 | 0 45 | 6 18 | 0 50 | 20 58 | 0 10 | 13 21 | 12 59 | 2 53 | 17 3 | 5 58 | |
| W20 | 20 11 | 4 47 | 4 29 | 22 55 | 1 42 | 22 47 | 0 26 | 3 47 | 0 40 | 10 44 | 1 10 | 19 2 | 1 59 | 5 24 | 0 45 | 6 19 | 0 50 | 20 58 | 0 11 | 13 20 | 13 0 | 2 51 | 17 3 | 5 58 | |
| T 21 | 19 58 | 9 6 | 5 1 | 22 42 | 1 46 | 22 45 | 0 23 | 3 29 | 0 39 | 10 46 | 1 9 | 19 3 | 1 59 | 5 23 | 0 45 | 6 19 | 0 50 | 20 58 | 0 11 | 13 20 | 13 1 | 2 49 | 17 3 | 5 58 | |
| F 22 | 19 45 | 12 53 | 5 14 | 22 26 | 1 49 | 22 43 | 0 21 | 3 10 | 0 39 | 10 48 | 1 9 | 19 4 | 1 59 | 5 22 | 0 45 | 6 20 | 0 50 | 20 58 | 0 11 | 13 21 | 13 2 | 2 47 | 17 3 | 5 58 | |
| S 23 | 19 31 | 15 54 | 5 10 | 22 10 | 1 53 | 22 40 | 0 18 | 2 51 | 0 38 | 10 50 | 1 9 | 19 5 | 1 59 | 5 21 | 0 45 | 6 20 | 0 50 | 20 59 | 0 11 | 13 21 | 13 3 | 2 45 | 17 3 | 5 57 | |
| S 24 | 19 17 | 18 2 | 4 49 | 21 52 | 1 55 | 22 36 | 0 15 | 2 32 | 0 37 | 10 53 | 1 9 | 19 5 | 2 0 | 5 19 | 0 45 | 6 20 | 0 50 | 20 59 | 0 11 | 13 22 | 13 4 | 2 43 | 17 3 | 5 57 | |
| M25 | 19 3 | 19 10 | 4 13 | 21 32 | 1 58 | 22 32 | 0 13 | 2 13 | 0 36 | 10 55 | 1 8 | 19 6 | 2 0 | 5 18 | 0 45 | 6 21 | 0 50 | 20 59 | 0 11 | 13 23 | 13 5 | 2 41 | 17 3 | 5 57 | |
| T 26 | 18 48 | 19 16 | 3 24 | 21 12 | 2 0 | 22 27 | 0 10 | 1 54 | 0 35 | 10 57 | 1 8 | 19 7 | 2 0 | 5 17 | 0 45 | 6 21 | 0 50 | 21 0 | 0 11 | 13 24 | 13 6 | 2 39 | 17 3 | 5 57 | |
| W27 | 18 33 | 18 22 | 2 26 | 20 49 | 2 2 | 22 22 | 0 7 | 1 35 | 0 34 | 11 0 | 1 8 | 19 8 | 2 0 | 5 16 | 0 45 | 6 22 | 0 50 | 21 0 | 0 11 | 13 25 | 13 7 | 2 37 | 17 3 | 5 56 | |
| T 28 | 18 18 | 16 35 | 1 22 | 20 26 | 2 4 | 22 15 | 0 5 | 1 16 | 0 33 | 11 2 | 1 7 | 19 8 | 2 0 | 5 15 | 0 45 | 6 22 | 0 50 | 21 0 | 0 11 | 13 26 | 13 8 | 2 35 | 17 3 | 5 56 | |
| F 29 | 18 2 | 14 4 | 0 15 | 20 1 | 2 5 | 22 8 | 0 2 | 0 57 | 0 32 | 11 5 | 1 7 | 19 9 | 2 0 | 5 14 | 0 45 | 6 23 | 0 50 | 21 1 | 0 11 | 13 26 | 13 9 | 2 33 | 17 3 | 5 56 | |
| S 30 | 17 46 | 10 58 | 0s52 | 19 34 | 2 5 | 22 1 | 0s 1 | 0 38 | 0 31 | 11 7 | 1 7 | 19 10 | 2 0 | 5 13 | 0 45 | 6 23 | 0 50 | 21 1 | 0 11 | 13 26 | 13 10 | 2 31 | 17 4 | 5 56 | |
| S 31 | 17s29 | 7s27 | 1s56 | 19s 6 | 2s 6 | 21s52 | 0s 3 | 0s20 | 0s30 | 11n10 | 1s 7 | 19s10 | 2n 0 | 5s12 | 0s45 | 6n24 | 0n50 | 21n 1 | 0n11 | 13n25 | 13n11 | 2s29 | 17n 4 | 5s55 | |

Julian Day Number = 2607503.5, Delta T = 09m58s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'37, Lahiri = 29°49'38


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## FEBRUARY 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 44 26 | 11♒47'45 | 27♓26 | 13♒56 | 21♑46 | 1♈ 6 | 2♉20 | 5♐26 | 18♓38 | 15°R41 | 26°R19 | 24♌13 | 24♌51 | 0♈50 | 19°R29 | M 1 |
| T 2 | 8 48 22 | 12°48'45 | 9♈15 | 15°40 | 23° 1 | 1°51 | 2°27 | 5°30 | 18°40 | 15♍39 | 26♋17 | 24°14 | 24°48 | 0°57 | 19♊27 | T 2 |
| W 3 | 8 52 19 | 13°49'44 | 21° 5 | 17°23 | 24°16 | 2°37 | 2°34 | 5°34 | 18°43 | 15°38 | 26°16 | 24°15 | 24°45 | 1° 3 | 19°25 | W 3 |
| T 4 | 8 56 16 | 14°50'42 | 3♉ 0 | 19° 7 | 25°31 | 3°22 | 2°42 | 5°38 | 18°46 | 15°37 | 26°15 | 24°16 | 24°41 | 1°10 | 19°24 | T 4 |
| F 5 | 9 0 12 | 15°51'39 | 15° 5 | 20°52 | 26°46 | 4° 7 | 2°50 | 5°42 | 18°49 | 15°35 | 26°14 | 24°R16 | 24°38 | 1°17 | 19°22 | F 5 |
| S 6 | 9 4 9 | 16°52'34 | 27°24 | 22°37 | 28° 1 | 4°53 | 2°58 | 5°46 | 18°52 | 15°34 | 26°12 | 24°16 | 24°35 | 1°23 | 19°21 | S 6 |
| S 7 | 9 8 5 | 17°53'29 | 10♊ 3 | 24°23 | 29°16 | 5°38 | 3° 6 | 5°49 | 18°55 | 15°32 | 26°11 | 24°16 | 24°32 | 1°30 | 19°19 | S 7 |
| M 8 | 9 12 2 | 18°54'22 | 23° 5 | 26° 9 | 0♒31 | 6°23 | 3°14 | 5°53 | 18°59 | 15°31 | 26°10 | 24°15 | 24°29 | 1°37 | 19°18 | M 8 |
| T 9 | 9 15 58 | 19°55'14 | 6♋33 | 27°55 | 1°46 | 7° 8 | 3°22 | 5°56 | 19° 2 | 15°29 | 26° 9 | 24°14 | 24°25 | 1°43 | 19°17 | T 9 |
| W10 | 9 19 55 | 20°56'05 | 20°26 | 29°42 | 3° 1 | 7°54 | 3°31 | 6° 0 | 19° 5 | 15°28 | 26° 8 | 24°14 | 24°22 | 1°50 | 19°15 | W10 |
| T 11 | 9 23 51 | 21°56'54 | 4♌43 | 1♓28 | 4°16 | 8°39 | 3°39 | 6° 3 | 19° 8 | 15°26 | 26° 7 | 24°14 | 24°19 | 1°57 | 19°14 | T 11 |
| F 12 | 9 27 48 | 22°57'42 | 19°21 | 3°15 | 5°31 | 9°24 | 3°48 | 6° 7 | 19°11 | 15°25 | 26° 5 | 24°D14 | 24°16 | 2° 3 | 19°13 | F 12 |
| S 13 | 9 31 45 | 23°58'29 | 4♍13 | 5° 1 | 6°46 | 10° 9 | 3°57 | 6°10 | 19°14 | 15°23 | 26° 4 | 24°R14 | 24°13 | 2°10 | 19°12 | S 13 |
| S 14 | 9 35 41 | 24°59'15 | 19°11 | 6°47 | 8° 1 | 10°54 | 4° 6 | 6°13 | 19°17 | 15°22 | 26° 3 | 24°14 | 24°10 | 2°17 | 19°12 | S 14 |
| M15 | 9 39 38 | 26° 0'00 | 4♎ 7 | 8°32 | 9°16 | 11°39 | 4°15 | 6°16 | 19°21 | 15°20 | 26° 2 | 24°13 | 24° 6 | 2°23 | 19°11 | M15 |
| T 16 | 9 43 34 | 27° 0'44 | 18°53 | 10°16 | 10°31 | 12°24 | 4°25 | 6°19 | 19°24 | 15°19 | 26° 1 | 24°13 | 24° 3 | 2°30 | 19°10 | T 16 |
| W17 | 9 47 31 | 28° 1'26 | 3♏23 | 11°59 | 11°46 | 13° 9 | 4°34 | 6°21 | 19°27 | 15°17 | 26° 0 | 24°13 | 24° 0 | 2°37 | 19° 9 | W17 |
| T 18 | 9 51 27 | 29° 2'08 | 17°34 | 13°40 | 13° 1 | 13°54 | 4°44 | 6°24 | 19°30 | 15°16 | 25°59 | 24°13 | 23°57 | 2°43 | 19° 9 | T 18 |
| F 19 | 9 55 24 | 0♓ 2'49 | 1♐24 | 15°20 | 14°16 | 14°39 | 4°53 | 6°27 | 19°34 | 15°14 | 25°58 | 24°D13 | 23°54 | 2°50 | 19° 8 | F 19 |
| S 20 | 9 59 20 | 1° 3'29 | 14°53 | 16°56 | 15°31 | 15°24 | 5° 3 | 6°29 | 19°37 | 15°12 | 25°57 | 24°13 | 23°51 | 2°57 | 19° 8 | S 20 |
| S 21 | 10 3 17 | 2° 4'08 | 28° 2 | 18°30 | 16°46 | 16° 8 | 5°13 | 6°32 | 19°40 | 15°11 | 25°56 | 24°13 | 23°47 | 3° 3 | 19° 8 | S 21 |
| M22 | 10 7 14 | 3° 4'46 | 10♑54 | 20° 0 | 18° 1 | 16°53 | 5°23 | 6°34 | 19°44 | 15° 9 | 25°55 | 24°14 | 23°44 | 3°10 | 19° 7 | M22 |
| T 23 | 10 11 10 | 4° 5'22 | 23°30 | 21°25 | 19°16 | 17°38 | 5°33 | 6°36 | 19°47 | 15° 8 | 25°54 | 24°15 | 23°41 | 3°17 | 19° 7 | T 23 |
| W24 | 10 15 7 | 5° 5'57 | 5♒54 | 22°46 | 20°31 | 18°23 | 5°43 | 6°38 | 19°50 | 15° 6 | 25°53 | 24°16 | 23°38 | 3°23 | 19° 7 | W24 |
| T 25 | 10 19 3 | 6° 6'31 | 18° 7 | 24° 1 | 21°46 | 19° 7 | 5°54 | 6°40 | 19°54 | 15° 4 | 25°52 | 24°17 | 23°35 | 3°30 | 19°D 7 | T 25 |
| F 26 | 10 23 0 | 7° 7'03 | 0♓11 | 25°10 | 23° 1 | 19°52 | 6° 4 | 6°42 | 19°57 | 15° 3 | 25°51 | 24°R17 | 23°31 | 3°37 | 19° 7 | F 26 |
| S 27 | 10 26 56 | 8° 7'34 | 12° 9 | 26°12 | 24°16 | 20°37 | 6°15 | 6°44 | 20° 0 | 15° 1 | 25°50 | 24°16 | 23°28 | 3°43 | 19° 7 | S 27 |
| S 28 | 10 30 53 | 9♓ 8'03 | 24♓ 2 | 27♓ 6 | 25♒31 | 21♈21 | 6♉26 | 6♐46 | 20♓ 4 | 14♍59 | 25♋49 | 24♌14 | 23♌25 | 3♈50 | 19♊ 8 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s13 | 3s41 | 2s54 | 18s37 | 2s 6 | 21s43 | 0s 6 | 0s 1 | 0s29 | 11n13 | 1s 6 | 19s11 | 2n 1 | 5s11 | 0s45 | 6n24 | 0n50 | 21n 1 | 0n11 | 13n25 | 13n12 | 2s27 | 17n 4 | 5s55 |
| T 2 | 16 56 | 0n13 | 3 45 | 18 6 | 2 5 | 21 34 | 0 8 | 0n18 | 0 28 | 11 16 | 1 6 | 19 11 | 2 1 | 5 9 | 0 45 | 6 25 | 0 50 | 21 2 | 0 11 | 13 25 | 13 14 | 2 25 | 17 4 | 5 55 |
| W 3 | 16 38 | 4 5 | 4 26 | 17 33 | 2 4 | 21 24 | 0 11 | 0 37 | 0 27 | 11 18 | 1 6 | 19 12 | 2 1 | 5 8 | 0 45 | 6 26 | 0 50 | 21 2 | 0 11 | 13 24 | 13 15 | 2 23 | 17 4 | 5 55 |
| T 4 | 16 21 | 7 50 | 4 56 | 17 0 | 2 3 | 21 13 | 0 14 | 0 56 | 0 27 | 11 21 | 1 6 | 19 12 | 2 1 | 5 7 | 0 45 | 6 26 | 0 50 | 21 2 | 0 12 | 13 24 | 13 16 | 2 21 | 17 4 | 5 54 |
| F 5 | 16 3 | 11 19 | 5 14 | 16 25 | 2 1 | 21 1 | 0 16 | 1 15 | 0 26 | 11 24 | 1 5 | 19 13 | 2 1 | 5 6 | 0 45 | 6 27 | 0 50 | 21 3 | 0 12 | 13 24 | 13 17 | 2 19 | 17 5 | 5 54 |
| S 6 | 15 44 | 14 23 | 5 17 | 15 48 | 1 58 | 20 49 | 0 19 | 1 33 | 0 25 | 11 27 | 1 5 | 19 13 | 2 1 | 5 5 | 0 45 | 6 27 | 0 50 | 21 3 | 0 12 | 13 24 | 13 18 | 2 17 | 17 5 | 5 54 |
| S 7 | 15 26 | 16 52 | 5 6 | 15 10 | 1 55 | 20 36 | 0 21 | 1 52 | 0 24 | 11 30 | 1 5 | 19 14 | 2 1 | 5 3 | 0 45 | 6 28 | 0 50 | 21 3 | 0 12 | 13 24 | 13 19 | 2 15 | 17 5 | 5 53 |
| M 8 | 15 7 | 18 34 | 4 38 | 14 31 | 1 52 | 20 23 | 0 24 | 2 11 | 0 23 | 11 33 | 1 5 | 19 14 | 2 2 | 5 2 | 0 45 | 6 28 | 0 51 | 21 3 | 0 12 | 13 24 | 13 20 | 2 13 | 17 5 | 5 53 |
| T 9 | 14 48 | 19 18 | 3 55 | 13 51 | 1 48 | 20 9 | 0 26 | 2 29 | 0 22 | 11 36 | 1 4 | 19 15 | 2 2 | 5 1 | 0 45 | 6 29 | 0 51 | 21 4 | 0 12 | 13 25 | 13 21 | 2 11 | 17 5 | 5 53 |
| W10 | 14 29 | 18 55 | 2 57 | 13 9 | 1 43 | 19 54 | 0 28 | 2 48 | 0 21 | 11 39 | 1 4 | 19 15 | 2 2 | 5 0 | 0 45 | 6 30 | 0 51 | 21 4 | 0 12 | 13 25 | 13 22 | 2 9 | 17 6 | 5 52 |
| T 11 | 14 10 | 17 19 | 1 46 | 12 27 | 1 37 | 19 39 | 0 31 | 3 7 | 0 20 | 11 42 | 1 4 | 19 16 | 2 2 | 4 59 | 0 45 | 6 30 | 0 51 | 21 4 | 0 12 | 13 25 | 13 23 | 2 7 | 17 6 | 5 52 |
| F 12 | 13 50 | 14 33 | 0 27 | 11 43 | 1 31 | 19 23 | 0 33 | 3 25 | 0 19 | 11 45 | 1 4 | 19 16 | 2 2 | 4 57 | 0 45 | 6 31 | 0 51 | 21 5 | 0 12 | 13 25 | 13 24 | 2 5 | 17 6 | 5 52 |
| S 13 | 13 30 | 10 48 | 0n55 | 10 58 | 1 25 | 19 7 | 0 35 | 3 44 | 0 19 | 11 49 | 1 3 | 19 17 | 2 2 | 4 56 | 0 45 | 6 31 | 0 51 | 21 5 | 0 12 | 13 25 | 13 25 | 2 3 | 17 6 | 5 51 |
| S 14 | 13 10 | 6 20 | 2 14 | 10 12 | 1 17 | 18 50 | 0 38 | 4 2 | 0 18 | 11 52 | 1 3 | 19 17 | 2 3 | 4 55 | 0 45 | 6 32 | 0 51 | 21 5 | 0 12 | 13 25 | 13 26 | 2 1 | 17 7 | 5 51 |
| M15 | 12 49 | 1 30 | 3 24 | 9 25 | 1 9 | 18 32 | 0 40 | 4 20 | 0 17 | 11 55 | 1 3 | 19 17 | 2 3 | 4 54 | 0 45 | 6 33 | 0 51 | 21 5 | 0 12 | 13 25 | 13 27 | 1 59 | 17 7 | 5 51 |
| T 16 | 12 29 | 3s22 | 4 19 | 8 38 | 1 1 | 18 14 | 0 42 | 4 39 | 0 16 | 11 59 | 1 3 | 19 18 | 2 3 | 4 52 | 0 45 | 6 33 | 0 51 | 21 6 | 0 12 | 13 25 | 13 28 | 1 57 | 17 7 | 5 50 |
| W17 | 12 8 | 7 57 | 4 57 | 7 50 | 0 51 | 17 56 | 0 44 | 4 57 | 0 15 | 12 2 | 1 2 | 19 18 | 2 3 | 4 51 | 0 45 | 6 34 | 0 51 | 21 6 | 0 12 | 13 25 | 13 29 | 1 55 | 17 7 | 5 50 |
| T 18 | 11 47 | 11 59 | 5 16 | 7 2 | 0 41 | 17 37 | 0 46 | 5 15 | 0 14 | 12 5 | 1 2 | 19 18 | 2 3 | 4 50 | 0 44 | 6 34 | 0 51 | 21 6 | 0 12 | 13 25 | 13 30 | 1 53 | 17 8 | 5 50 |
| F 19 | 11 26 | 15 15 | 5 15 | 6 14 | 0 30 | 17 17 | 0 48 | 5 33 | 0 13 | 12 9 | 1 2 | 19 18 | 2 3 | 4 48 | 0 44 | 6 35 | 0 51 | 21 6 | 0 12 | 13 25 | 13 31 | 1 51 | 17 8 | 5 49 |
| S 20 | 11 4 | 17 36 | 4 57 | 5 26 | 0 19 | 16 57 | 0 51 | 5 51 | 0 13 | 12 12 | 1 2 | 19 19 | 2 3 | 4 47 | 0 44 | 6 36 | 0 51 | 21 7 | 0 12 | 13 25 | 13 32 | 1 49 | 17 8 | 5 49 |
| S 21 | 10 43 | 18 58 | 4 24 | 4 38 | 0 6 | 16 37 | 0 52 | 6 9 | 0 12 | 12 16 | 1 1 | 19 19 | 2 4 | 4 46 | 0 44 | 6 36 | 0 51 | 21 7 | 0 13 | 13 25 | 13 34 | 1 47 | 17 9 | 5 49 |
| M22 | 10 21 | 19 19 | 3 38 | 3 51 | 0n 7 | 16 16 | 0 54 | 6 27 | 0 11 | 12 19 | 1 1 | 19 19 | 2 4 | 4 44 | 0 44 | 6 37 | 0 51 | 21 7 | 0 13 | 13 25 | 13 35 | 1 45 | 17 9 | 5 48 |
| T 23 | 9 59 | 18 40 | 2 43 | 3 5 | 0 20 | 15 54 | 0 56 | 6 45 | 0 10 | 12 23 | 1 1 | 19 19 | 2 4 | 4 43 | 0 44 | 6 38 | 0 51 | 21 7 | 0 13 | 13 24 | 13 36 | 1 43 | 17 9 | 5 48 |
| W24 | 9 37 | 17 8 | 1 40 | 2 21 | 0 34 | 15 32 | 0 58 | 7 3 | 0 9 | 12 26 | 1 1 | 19 20 | 2 4 | 4 42 | 0 44 | 6 38 | 0 51 | 21 8 | 0 13 | 13 24 | 13 37 | 1 41 | 17 10 | 5 48 |
| T 25 | 9 15 | 14 49 | 0 34 | 1 38 | 0 48 | 15 10 | 1 0 | 7 20 | 0 8 | 12 30 | 1 1 | 19 20 | 2 4 | 4 40 | 0 44 | 6 39 | 0 51 | 21 8 | 0 13 | 13 24 | 13 38 | 1 39 | 17 10 | 5 47 |
| F 26 | 8 53 | 11 53 | 0s33 | 0 57 | 1 3 | 14 47 | 1 2 | 7 38 | 0 8 | 12 34 | 1 0 | 19 20 | 2 4 | 4 39 | 0 44 | 6 40 | 0 51 | 21 8 | 0 13 | 13 24 | 13 39 | 1 37 | 17 10 | 5 47 |
| S 27 | 8 30 | 8 29 | 1 37 | 0 19 | 1 18 | 14 24 | 1 3 | 7 56 | 0 7 | 12 37 | 1 0 | 19 20 | 2 5 | 4 38 | 0 44 | 6 40 | 0 51 | 21 8 | 0 13 | 13 24 | 13 40 | 1 35 | 17 11 | 5 47 |
| S 28 | 8s 8 | 4s47 | 2s37 | 0n17 | 1n33 | 14s 0 | 1s 5 | 8n13 | 0s 6 | 12n41 | 1s 0 | 19s20 | 2n 5 | 4s36 | 0s44 | 6n41 | 0n51 | 21n 9 | 0n13 | 13n25 | 13n41 | 1s33 | 17n11 | 5s46 |

Julian Day Number = 2607534.5, Delta T = 09m58s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'41, Lahiri = 29°49'42


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## MARCH 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 34 49 | 10♓ 8'31 | 5♈52 | 27♓52 | 26♒45 | 22♈ 6 | 6♉37 | 6♐47 | 20♓ 7 | 14°R58 | 25°R48 | 24°R12 | 23♌22 | 3♈57 | 19♊ 8 | M 1 |
| T 2 | 10 38 46 | 11° 8'57 | 17°41 | 28°29 | 28° 0 | 22°50 | 6°47 | 6°49 | 20°10 | 14♍56 | 25♋47 | 24♌ 9 | 23°19 | 4° 3 | 19° 8 | T 2 |
| W 3 | 10 42 43 | 12° 9'21 | 29°32 | 28°57 | 29°15 | 23°35 | 6°59 | 6°50 | 20°14 | 14°54 | 25°47 | 24° 6 | 23°16 | 4°10 | 19° 9 | W 3 |
| T 4 | 10 46 39 | 13° 9'43 | 11♉28 | 29°16 | 0♓30 | 24°19 | 7°10 | 6°52 | 20°17 | 14°53 | 25°46 | 24° 4 | 23°12 | 4°17 | 19° 9 | T 4 |
| F 5 | 10 50 36 | 14°10'04 | 23°32 | 29°R24 | 1°45 | 25° 3 | 7°21 | 6°53 | 20°21 | 14°51 | 25°45 | 24° 1 | 23° 9 | 4°24 | 19°10 | F 5 |
| S 6 | 10 54 32 | 15°10'22 | 5♊49 | 29°23 | 3° 0 | 25°48 | 7°32 | 6°54 | 20°24 | 14°49 | 25°44 | 24° 0 | 23° 6 | 4°30 | 19°11 | S 6 |
| S 7 | 10 58 29 | 16°10'39 | 18°23 | 29°12 | 4°15 | 26°32 | 7°44 | 6°55 | 20°28 | 14°48 | 25°43 | 24°D 0 | 23° 3 | 4°37 | 19°11 | S 7 |
| M 8 | 11 2 25 | 17°10'54 | 1♋17 | 28°52 | 5°30 | 27°16 | 7°55 | 6°56 | 20°31 | 14°46 | 25°43 | 24° 0 | 23° 0 | 4°44 | 19°12 | M 8 |
| T 9 | 11 6 22 | 18°11'06 | 14°36 | 28°23 | 6°45 | 28° 1 | 8° 7 | 6°57 | 20°34 | 14°44 | 25°42 | 24° 2 | 22°56 | 4°50 | 19°13 | T 9 |
| W10 | 11 10 18 | 19°11'17 | 28°21 | 27°46 | 8° 0 | 28°45 | 8°19 | 6°58 | 20°38 | 14°43 | 25°41 | 24° 3 | 22°53 | 4°57 | 19°14 | W10 |
| T 11 | 11 14 15 | 20°11'26 | 12♌34 | 27° 2 | 9°15 | 29°29 | 8°30 | 6°58 | 20°41 | 14°41 | 25°41 | 24° 5 | 22°50 | 5° 4 | 19°15 | T 11 |
| F 12 | 11 18 12 | 21°11'32 | 27°13 | 26°12 | 10°29 | 0♉13 | 8°42 | 6°59 | 20°45 | 14°39 | 25°40 | 24°R 5 | 22°47 | 5°10 | 19°17 | F 12 |
| S 13 | 11 22 8 | 22°11'37 | 12♍12 | 25°17 | 11°44 | 0°57 | 8°54 | 6°59 | 20°48 | 14°38 | 25°39 | 24° 4 | 22°44 | 5°17 | 19°18 | S 13 |
| S 14 | 11 26 5 | 23°11'39 | 27°25 | 24°19 | 12°59 | 1°41 | 9° 6 | 6°59 | 20°52 | 14°36 | 25°39 | 24° 2 | 22°41 | 5°24 | 19°19 | S 14 |
| M15 | 11 30 1 | 24°11'40 | 12♎40 | 23°19 | 14°14 | 2°25 | 9°18 | 7° 0 | 20°55 | 14°34 | 25°38 | 23°58 | 22°37 | 5°30 | 19°20 | M15 |
| T 16 | 11 33 58 | 25°11'39 | 27°48 | 22°18 | 15°29 | 3° 9 | 9°31 | 7° 0 | 20°58 | 14°33 | 25°38 | 23°53 | 22°34 | 5°37 | 19°22 | T 16 |
| W17 | 11 37 54 | 26°11'37 | 12♏39 | 21°19 | 16°43 | 3°53 | 9°43 | 7°R 0 | 21° 2 | 14°31 | 25°37 | 23°49 | 22°31 | 5°44 | 19°23 | W17 |
| T 18 | 11 41 51 | 27°11'32 | 27° 7 | 20°21 | 17°58 | 4°36 | 9°55 | 7° 0 | 21° 5 | 14°29 | 25°36 | 23°45 | 22°28 | 5°50 | 19°25 | T 18 |
| F 19 | 11 45 47 | 28°11'27 | 11♐ 8 | 19°27 | 19°13 | 5°20 | 10° 8 | 6°59 | 21° 9 | 14°28 | 25°36 | 23°42 | 22°25 | 5°57 | 19°27 | F 19 |
| S 20 | 11 49 44 | 29°11'19 | 24°42 | 18°37 | 20°28 | 6° 4 | 10°20 | 6°59 | 21°12 | 14°26 | 25°36 | 23°D41 | 22°22 | 6° 4 | 19°29 | S 20 |
| S 21 | 11 53 40 | 0♈11'10 | 7♑49 | 17°52 | 21°43 | 6°48 | 10°33 | 6°59 | 21°16 | 14°25 | 25°35 | 23°41 | 22°18 | 6°10 | 19°30 | S 21 |
| M22 | 11 57 37 | 1°11'00 | 20°34 | 17°12 | 22°57 | 7°31 | 10°45 | 6°58 | 21°19 | 14°23 | 25°35 | 23°42 | 22°15 | 6°17 | 19°32 | M22 |
| T 23 | 12 1 34 | 2°10'47 | 3♒ 0 | 16°38 | 24°12 | 8°15 | 10°58 | 6°58 | 21°22 | 14°21 | 25°34 | 23°44 | 22°12 | 6°24 | 19°34 | T 23 |
| W24 | 12 5 30 | 3°10'33 | 15°12 | 16°11 | 25°27 | 8°58 | 11°11 | 6°57 | 21°26 | 14°20 | 25°34 | 23°45 | 22° 9 | 6°30 | 19°36 | W24 |
| T 25 | 12 9 27 | 4°10'18 | 27°14 | 15°50 | 26°41 | 9°42 | 11°24 | 6°56 | 21°29 | 14°18 | 25°33 | 23°R45 | 22° 6 | 6°37 | 19°38 | T 25 |
| F 26 | 12 13 23 | 5°10'00 | 9♓ 9 | 15°35 | 27°56 | 10°25 | 11°37 | 6°55 | 21°33 | 14°17 | 25°33 | 23°44 | 22° 2 | 6°44 | 19°41 | F 26 |
| S 27 | 12 17 20 | 6° 9'40 | 20°59 | 15°26 | 29°11 | 11° 9 | 11°50 | 6°54 | 21°36 | 14°15 | 25°33 | 23°41 | 21°59 | 6°50 | 19°43 | S 27 |
| S 28 | 12 21 16 | 7° 9'19 | 2♈48 | 15°D24 | 0♈26 | 11°52 | 12° 3 | 6°53 | 21°39 | 14°14 | 25°32 | 23°35 | 21°56 | 6°57 | 19°45 | S 28 |
| M29 | 12 25 13 | 8° 8'56 | 14°38 | 15°27 | 1°40 | 12°36 | 12°16 | 6°52 | 21°43 | 14°12 | 25°32 | 23°28 | 21°53 | 7° 4 | 19°48 | M29 |
| T 30 | 12 29 9 | 9° 8'30 | 26°30 | 15°36 | 2°55 | 13°19 | 12°29 | 6°51 | 21°46 | 14°11 | 25°32 | 23°19 | 21°50 | 7°11 | 19°50 | T 30 |
| W31 | 12 33 6 | 10♈ 8'03 | 8♉26 | 15♓50 | 4♈10 | 14♉ 2 | 12♉42 | 6♐49 | 21♓49 | 14♍ 9 | 25♋32 | 23♌10 | 21♌47 | 7♈17 | 19♊53 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s45 | 0s54 | 3s30 | 0n49 | 1n49 | 13s37 | 1s 7 | 8n30 | 0s 5 | 12n45 | 1s 0 | 19s20 | 2n 5 | 4s35 | 0s44 | 6n42 | 0n51 | 21n 9 | 0n13 | 13n25 | 13n42 | 1s31 | 17n12 | 5s46 |
| T 2 | 7 22 | 3n 0 | 4 14 | 1 17 | 2 3 | 13 12 | 1 8 | 8 48 | 0 4 | 12 49 | 1 0 | 19 20 | 2 5 | 4 34 | 0 44 | 6 42 | 0 51 | 21 9 | 0 13 | 13 26 | 13 43 | 1 29 | 17 12 | 5 45 |
| W 3 | 6 59 | 6 48 | 4 47 | 1 42 | 2 18 | 12 48 | 1 10 | 9 5 | 0 4 | 12 52 | 0 59 | 19 20 | 2 5 | 4 32 | 0 44 | 6 43 | 0 51 | 21 9 | 0 13 | 13 27 | 13 44 | 1 27 | 17 12 | 5 45 |
| T 4 | 6 36 | 10 21 | 5 8 | 2 2 | 2 32 | 12 23 | 1 11 | 9 22 | 0 3 | 12 56 | 0 59 | 19 20 | 2 5 | 4 31 | 0 44 | 6 44 | 0 51 | 21 9 | 0 13 | 13 28 | 13 45 | 1 25 | 17 13 | 5 45 |
| F 5 | 6 13 | 13 31 | 5 15 | 2 17 | 2 45 | 11 57 | 1 12 | 9 39 | 0 2 | 13 0 | 0 59 | 19 21 | 2 6 | 4 30 | 0 44 | 6 44 | 0 51 | 21 10 | 0 13 | 13 29 | 13 46 | 1 23 | 17 13 | 5 44 |
| S 6 | 5 50 | 16 9 | 5 9 | 2 28 | 2 57 | 11 32 | 1 14 | 9 56 | 0 1 | 13 4 | 0 59 | 19 21 | 2 6 | 4 28 | 0 44 | 6 45 | 0 51 | 21 10 | 0 13 | 13 29 | 13 47 | 1 21 | 17 14 | 5 44 |
| S 7 | 5 26 | 18 6 | 4 47 | 2 34 | 3 8 | 11 6 | 1 15 | 10 12 | 0 0 | 13 8 | 0 59 | 19 21 | 2 6 | 4 27 | 0 44 | 6 46 | 0 51 | 21 10 | 0 13 | 13 29 | 13 48 | 1 19 | 17 14 | 5 44 |
| M 8 | 5 3 | 19 11 | 4 11 | 2 35 | 3 18 | 10 39 | 1 16 | 10 29 | 0n 0 | 13 12 | 0 58 | 19 21 | 2 6 | 4 26 | 0 44 | 6 46 | 0 51 | 21 10 | 0 13 | 13 29 | 13 49 | 1 17 | 17 14 | 5 43 |
| T 9 | 4 40 | 19 16 | 3 21 | 2 31 | 3 26 | 10 13 | 1 17 | 10 46 | 0 1 | 13 16 | 0 58 | 19 20 | 2 6 | 4 24 | 0 44 | 6 47 | 0 51 | 21 10 | 0 14 | 13 29 | 13 50 | 1 15 | 17 15 | 5 43 |
| W10 | 4 16 | 18 12 | 2 17 | 2 22 | 3 32 | 9 46 | 1 18 | 11 2 | 0 2 | 13 20 | 0 58 | 19 20 | 2 7 | 4 23 | 0 44 | 6 47 | 0 51 | 21 11 | 0 14 | 13 28 | 13 51 | 1 13 | 17 15 | 5 43 |
| T 11 | 3 53 | 15 59 | 1 3 | 2 8 | 3 36 | 9 19 | 1 19 | 11 18 | 0 3 | 13 23 | 0 58 | 19 20 | 2 7 | 4 22 | 0 44 | 6 48 | 0 51 | 21 11 | 0 14 | 13 28 | 13 52 | 1 11 | 17 16 | 5 42 |
| F 12 | 3 29 | 12 41 | 0n17 | 1 50 | 3 39 | 8 51 | 1 20 | 11 34 | 0 3 | 13 27 | 0 58 | 19 20 | 2 7 | 4 20 | 0 44 | 6 49 | 0 51 | 21 11 | 0 14 | 13 28 | 13 53 | 1 8 | 17 16 | 5 42 |
| S 13 | 3 5 | 8 29 | 1 38 | 1 29 | 3 39 | 8 24 | 1 21 | 11 51 | 0 4 | 13 31 | 0 57 | 19 20 | 2 7 | 4 19 | 0 44 | 6 49 | 0 51 | 21 11 | 0 14 | 13 28 | 13 54 | 1 6 | 17 17 | 5 42 |
| S 14 | 2 42 | 3 40 | 2 53 | 1 4 | 3 37 | 7 56 | 1 22 | 12 6 | 0 5 | 13 35 | 0 57 | 19 20 | 2 7 | 4 18 | 0 44 | 6 50 | 0 51 | 21 11 | 0 14 | 13 29 | 13 55 | 1 4 | 17 17 | 5 41 |
| M15 | 2 18 | 1s22 | 3 55 | 0 37 | 3 33 | 7 28 | 1 23 | 12 22 | 0 6 | 13 39 | 0 57 | 19 20 | 2 7 | 4 16 | 0 44 | 6 51 | 0 51 | 21 12 | 0 14 | 13 30 | 13 56 | 1 2 | 17 18 | 5 41 |
| T 16 | 1 54 | 6 17 | 4 41 | 0 7 | 3 27 | 7 0 | 1 24 | 12 38 | 0 6 | 13 43 | 0 57 | 19 20 | 2 8 | 4 15 | 0 44 | 6 51 | 0 51 | 21 12 | 0 14 | 13 32 | 13 57 | 1 0 | 17 18 | 5 40 |
| W17 | 1 31 | 10 43 | 5 7 | 0s23 | 3 19 | 6 31 | 1 24 | 12 54 | 0 7 | 13 47 | 0 57 | 19 20 | 2 8 | 4 14 | 0 44 | 6 52 | 0 51 | 21 12 | 0 14 | 13 33 | 13 58 | 0 58 | 17 18 | 5 40 |
| T 18 | 1 7 | 14 24 | 5 12 | 0 55 | 3 9 | 6 3 | 1 25 | 13 9 | 0 8 | 13 51 | 0 57 | 19 19 | 2 8 | 4 12 | 0 44 | 6 53 | 0 51 | 21 12 | 0 14 | 13 34 | 14 0 | 0 56 | 17 19 | 5 40 |
| F 19 | 0 43 | 17 8 | 4 58 | 1 26 | 2 58 | 5 34 | 1 25 | 13 24 | 0 9 | 13 56 | 0 56 | 19 19 | 2 8 | 4 11 | 0 44 | 6 53 | 0 51 | 21 12 | 0 14 | 13 35 | 14 1 | 0 54 | 17 19 | 5 39 |
| S 20 | 0 19 | 18 49 | 4 28 | 1 57 | 2 46 | 5 5 | 1 26 | 13 39 | 0 9 | 14 0 | 0 56 | 19 19 | 2 8 | 4 10 | 0 44 | 6 54 | 0 51 | 21 12 | 0 14 | 13 36 | 14 2 | 0 52 | 17 20 | 5 39 |
| S 21 | 0n 4 | 19 25 | 3 45 | 2 26 | 2 33 | 4 36 | 1 26 | 13 55 | 0 10 | 14 4 | 0 56 | 19 19 | 2 8 | 4 8 | 0 44 | 6 54 | 0 51 | 21 12 | 0 14 | 13 36 | 14 3 | 0 50 | 17 20 | 5 39 |
| M22 | 0 28 | 18 59 | 2 51 | 2 55 | 2 19 | 4 7 | 1 26 | 14 9 | 0 11 | 14 8 | 0 56 | 19 19 | 2 9 | 4 7 | 0 44 | 6 55 | 0 51 | 21 13 | 0 14 | 13 35 | 14 4 | 0 48 | 17 21 | 5 38 |
| T 23 | 0 52 | 17 39 | 1 51 | 3 21 | 2 4 | 3 37 | 1 27 | 14 24 | 0 11 | 14 12 | 0 56 | 19 18 | 2 9 | 4 6 | 0 44 | 6 56 | 0 51 | 21 13 | 0 14 | 13 35 | 14 5 | 0 46 | 17 21 | 5 38 |
| W24 | 1 16 | 15 30 | 0 46 | 3 45 | 1 49 | 3 8 | 1 27 | 14 39 | 0 12 | 14 16 | 0 56 | 19 18 | 2 9 | 4 4 | 0 44 | 6 56 | 0 51 | 21 13 | 0 14 | 13 34 | 14 6 | 0 44 | 17 22 | 5 38 |
| T 25 | 1 39 | 12 42 | 0s19 | 4 8 | 1 34 | 2 39 | 1 27 | 14 53 | 0 13 | 14 20 | 0 56 | 19 18 | 2 9 | 4 3 | 0 44 | 6 57 | 0 51 | 21 13 | 0 14 | 13 34 | 14 7 | 0 42 | 17 22 | 5 37 |
| F 26 | 2 3 | 9 24 | 1 23 | 4 27 | 1 19 | 2 9 | 1 27 | 15 8 | 0 14 | 14 24 | 0 55 | 19 17 | 2 9 | 4 2 | 0 44 | 6 58 | 0 51 | 21 13 | 0 15 | 13 35 | 14 8 | 0 40 | 17 23 | 5 37 |
| S 27 | 2 26 | 5 45 | 2 22 | 4 44 | 1 4 | 1 39 | 1 27 | 15 22 | 0 14 | 14 28 | 0 55 | 19 17 | 2 9 | 4 0 | 0 44 | 6 58 | 0 51 | 21 13 | 0 15 | 13 36 | 14 9 | 0 38 | 17 23 | 5 37 |
| S 28 | 2 50 | 1 53 | 3 16 | 4 59 | 0 49 | 1 10 | 1 27 | 15 36 | 0 15 | 14 32 | 0 55 | 19 17 | 2 9 | 3 59 | 0 44 | 6 59 | 0 51 | 21 13 | 0 15 | 13 38 | 14 10 | 0 36 | 17 24 | 5 36 |
| M29 | 3 13 | 2n 3 | 4 0 | 5 11 | 0 35 | 0 40 | 1 27 | 15 50 | 0 16 | 14 36 | 0 55 | 19 16 | 2 10 | 3 58 | 0 44 | 6 59 | 0 51 | 21 13 | 0 15 | 13 40 | 14 11 | 0 34 | 17 24 | 5 36 |
| T 30 | 3 37 | 5 56 | 4 35 | 5 21 | 0 21 | 0 10 | 1 27 | 16 3 | 0 16 | 14 41 | 0 55 | 19 16 | 2 10 | 3 56 | 0 44 | 7 0 | 0 51 | 21 14 | 0 15 | 13 43 | 14 12 | 0 32 | 17 25 | 5 36 |
| W31 | 4n 0 | 9n35 | 4s57 | 5s28 | 0n 7 | 0n20 | 1s26 | 16n17 | 0n17 | 14n45 | 0s55 | 19s16 | 2n10 | 3s55 | 0s44 | 7n 0 | 0n51 | 21n14 | 0n15 | 13n46 | 14n13 | 0s30 | 17n25 | 5s35 |

Julian Day Number = 2607562.5, Delta T = 09m58s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'45, Lahiri = 29°49'46


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## APRIL 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 37 3 | 11♈ 7'33 | 20♉27 | 16♓10 | 5♈24 | 14♉45 | 12♉55 | 6°R48 | 21♓52 | 14°R 8 | 25°R32 | 23°R 1 | 21♌43 | 7♈24 | 19♊55 | T 1 |
| F 2 | 12 40 59 | 12° 7'01 | 2♊36 | 16°34 | 6°39 | 15°29 | 13° 9 | 6♐46 | 21°56 | 14♍ 6 | 25♋31 | 22♌53 | 21°40 | 7°31 | 19°58 | F 2 |
| S 3 | 12 44 56 | 13° 6'27 | 14°56 | 17° 3 | 7°53 | 16°12 | 13°22 | 6°44 | 21°59 | 14° 5 | 25°31 | 22°47 | 21°37 | 7°37 | 20° 1 | S 3 |
| S 4 | 12 48 52 | 14° 5'51 | 27°29 | 17°37 | 9° 8 | 16°55 | 13°35 | 6°43 | 22° 2 | 14° 3 | 25°31 | 22°44 | 21°34 | 7°44 | 20° 3 | S 4 |
| M 5 | 12 52 49 | 15° 5'13 | 10♋19 | 18°14 | 10°23 | 17°38 | 13°49 | 6°41 | 22° 6 | 14° 2 | 25°31 | 22°D42 | 21°31 | 7°51 | 20° 6 | M 5 |
| T 6 | 12 56 45 | 16° 4'32 | 23°30 | 18°56 | 11°37 | 18°21 | 14° 2 | 6°39 | 22° 9 | 14° 1 | 25°31 | 22°42 | 21°28 | 7°57 | 20° 9 | T 6 |
| W 7 | 13 0 42 | 17° 3'49 | 7♌ 4 | 19°41 | 12°52 | 19° 4 | 14°16 | 6°37 | 22°12 | 13°59 | 25°31 | 22°43 | 21°24 | 8° 4 | 20°12 | W 7 |
| T 8 | 13 4 38 | 18° 3'04 | 21° 5 | 20°30 | 14° 6 | 19°47 | 14°30 | 6°35 | 22°15 | 13°58 | 25°D31 | 22°R44 | 21°21 | 8°11 | 20°15 | T 8 |
| F 9 | 13 8 35 | 19° 2'16 | 5♍31 | 21°22 | 15°21 | 20°30 | 14°43 | 6°32 | 22°18 | 13°57 | 25°31 | 22°43 | 21°18 | 8°17 | 20°18 | F 9 |
| S 10 | 13 12 32 | 20° 1'26 | 20°21 | 22°17 | 16°35 | 21°12 | 14°57 | 6°30 | 22°21 | 13°55 | 25°31 | 22°40 | 21°15 | 8°24 | 20°21 | S 10 |
| S 11 | 13 16 28 | 21° 0'34 | 5♎29 | 23°15 | 17°50 | 21°55 | 15°11 | 6°28 | 22°25 | 13°54 | 25°31 | 22°35 | 21°12 | 8°31 | 20°25 | S 11 |
| M12 | 13 20 25 | 21°59'39 | 20°46 | 24°15 | 19° 4 | 22°38 | 15°24 | 6°25 | 22°28 | 13°53 | 25°31 | 22°28 | 21° 8 | 8°37 | 20°28 | M12 |
| T 13 | 13 24 21 | 22°58'43 | 6♏ 1 | 25°19 | 20°18 | 23°20 | 15°38 | 6°23 | 22°31 | 13°52 | 25°31 | 22°19 | 21° 5 | 8°44 | 20°31 | T 13 |
| W14 | 13 28 18 | 23°57'45 | 21° 3 | 26°25 | 21°33 | 24° 3 | 15°52 | 6°20 | 22°34 | 13°50 | 25°31 | 22° 9 | 21° 2 | 8°51 | 20°35 | W14 |
| T 15 | 13 32 14 | 24°56'45 | 5♐44 | 27°33 | 22°47 | 24°46 | 16° 6 | 6°17 | 22°37 | 13°49 | 25°31 | 22° 1 | 20°59 | 8°58 | 20°38 | T 15 |
| F 16 | 13 36 11 | 25°55'43 | 19°56 | 28°44 | 24° 2 | 25°28 | 16°20 | 6°14 | 22°40 | 13°48 | 25°32 | 21°54 | 20°56 | 9° 4 | 20°42 | F 16 |
| S 17 | 13 40 7 | 26°54'40 | 3♑39 | 29°56 | 25°16 | 26°11 | 16°34 | 6°12 | 22°43 | 13°47 | 25°32 | 21°49 | 20°53 | 9°11 | 20°45 | S 17 |
| S 18 | 13 44 4 | 27°53'34 | 16°52 | 1♈12 | 26°30 | 26°53 | 16°48 | 6° 9 | 22°46 | 13°46 | 25°32 | 21°47 | 20°49 | 9°18 | 20°49 | S 18 |
| M19 | 13 48 0 | 28°52'27 | 29°39 | 2°29 | 27°45 | 27°35 | 17° 2 | 6° 6 | 22°49 | 13°45 | 25°32 | 21°D46 | 20°46 | 9°24 | 20°52 | M19 |
| T 20 | 13 51 57 | 29°51'19 | 12♒ 4 | 3°48 | 28°59 | 28°18 | 17°16 | 6° 2 | 22°52 | 13°44 | 25°33 | 21°47 | 20°43 | 9°31 | 20°56 | T 20 |
| W21 | 13 55 54 | 0♉50'08 | 24°13 | 5° 9 | 0♉13 | 29° 0 | 17°30 | 5°59 | 22°55 | 13°43 | 25°33 | 21°R47 | 20°40 | 9°38 | 21° 0 | W21 |
| T 22 | 13 59 50 | 1°48'56 | 6♓10 | 6°32 | 1°28 | 29°42 | 17°44 | 5°56 | 22°57 | 13°42 | 25°33 | 21°46 | 20°37 | 9°44 | 21° 4 | T 22 |
| F 23 | 14 3 47 | 2°47'42 | 18° 1 | 7°57 | 2°42 | 0♊25 | 17°58 | 5°53 | 23° 0 | 13°41 | 25°33 | 21°43 | 20°33 | 9°51 | 21° 8 | F 23 |
| S 24 | 14 7 43 | 3°46'27 | 29°49 | 9°23 | 3°56 | 1° 7 | 18°12 | 5°49 | 23° 3 | 13°40 | 25°34 | 21°37 | 20°30 | 9°58 | 21°11 | S 24 |
| S 25 | 14 11 40 | 4°45'09 | 11♈37 | 10°52 | 5°11 | 1°49 | 18°26 | 5°46 | 23° 6 | 13°39 | 25°34 | 21°29 | 20°27 | 10° 4 | 21°15 | S 25 |
| M26 | 14 15 36 | 5°43'50 | 23°29 | 12°22 | 6°25 | 2°31 | 18°40 | 5°42 | 23° 9 | 13°38 | 25°35 | 21°17 | 20°24 | 10°11 | 21°19 | M26 |
| T 27 | 14 19 33 | 6°42'29 | 5♉26 | 13°54 | 7°39 | 3°13 | 18°54 | 5°39 | 23°11 | 13°37 | 25°35 | 21° 5 | 20°21 | 10°18 | 21°24 | T 27 |
| W28 | 14 23 29 | 7°41'06 | 17°30 | 15°28 | 8°53 | 3°55 | 19° 9 | 5°35 | 23°14 | 13°36 | 25°36 | 20°51 | 20°18 | 10°24 | 21°28 | W28 |
| T 29 | 14 27 26 | 8°39'41 | 29°42 | 17° 3 | 10° 7 | 4°37 | 19°23 | 5°31 | 23°17 | 13°35 | 25°36 | 20°38 | 20°14 | 10°31 | 21°32 | T 29 |
| F 30 | 14 31 23 | 9♉38'14 | 12♊ 1 | 18♈41 | 11♉22 | 5♊19 | 19♉37 | 5♐27 | 23♓19 | 13♍34 | 25♋37 | 20♌26 | 20♌11 | 10♈38 | 21♊36 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n24 | 12n53 | 5s 7 | 5s33 | 0s 6 | 0n50 | 1s26 | 16n30 | 0n18 | 14n49 | 0s54 | 19s15 | 2n10 | 3s54 | 0s44 | 7n 1 | 0n51 | 21n14 | 0n15 | 13n49 | 14n14 | 0s28 | 17n26 | 5s35 |
| F 2 | 4 47 | 15 41 | 5 3 | 5 35 | 0 19 | 1 19 | 1 26 | 16 44 | 0 18 | 14 53 | 0 54 | 19 15 | 2 10 | 3 52 | 0 44 | 7 2 | 0 51 | 21 14 | 0 15 | 13 51 | 14 15 | 0 25 | 17 26 | 5 35 |
| S 3 | 5 10 | 17 49 | 4 45 | 5 35 | 0 32 | 1 49 | 1 25 | 16 57 | 0 19 | 14 57 | 0 54 | 19 14 | 2 10 | 3 51 | 0 44 | 7 2 | 0 51 | 21 14 | 0 15 | 13 53 | 14 16 | 0 23 | 17 27 | 5 35 |
| S 4 | 5 33 | 19 9 | 4 13 | 5 33 | 0 43 | 2 19 | 1 25 | 17 10 | 0 20 | 15 1 | 0 54 | 19 14 | 2 10 | 3 50 | 0 44 | 7 3 | 0 51 | 21 14 | 0 15 | 13 54 | 14 17 | 0 21 | 17 27 | 5 34 |
| M 5 | 5 56 | 19 32 | 3 28 | 5 29 | 0 55 | 2 49 | 1 24 | 17 22 | 0 20 | 15 5 | 0 54 | 19 14 | 2 11 | 3 49 | 0 44 | 7 3 | 0 51 | 21 14 | 0 15 | 13 55 | 14 18 | 0 19 | 17 28 | 5 34 |
| T 6 | 6 19 | 18 52 | 2 30 | 5 22 | 1 5 | 3 18 | 1 23 | 17 35 | 0 21 | 15 9 | 0 54 | 19 13 | 2 11 | 3 47 | 0 44 | 7 4 | 0 51 | 21 14 | 0 15 | 13 55 | 14 19 | 0 17 | 17 28 | 5 34 |
| W 7 | 6 41 | 17 7 | 1 23 | 5 14 | 1 15 | 3 48 | 1 23 | 17 47 | 0 21 | 15 14 | 0 54 | 19 13 | 2 11 | 3 46 | 0 45 | 7 4 | 0 51 | 21 14 | 0 15 | 13 55 | 14 20 | 0 15 | 17 29 | 5 33 |
| T 8 | 7 4 | 14 18 | 0 9 | 5 3 | 1 25 | 4 17 | 1 22 | 18 0 | 0 22 | 15 18 | 0 54 | 19 12 | 2 11 | 3 45 | 0 45 | 7 5 | 0 51 | 21 14 | 0 15 | 13 54 | 14 21 | 0 13 | 17 29 | 5 33 |
| F 9 | 7 26 | 10 31 | 1n 8 | 4 51 | 1 34 | 4 47 | 1 21 | 18 12 | 0 23 | 15 22 | 0 53 | 19 12 | 2 11 | 3 44 | 0 45 | 7 5 | 0 51 | 21 14 | 0 15 | 13 55 | 14 22 | 0 11 | 17 30 | 5 33 |
| S 10 | 7 49 | 6 0 | 2 22 | 4 37 | 1 42 | 5 16 | 1 20 | 18 24 | 0 23 | 15 26 | 0 53 | 19 11 | 2 11 | 3 42 | 0 45 | 7 6 | 0 51 | 21 14 | 0 15 | 13 55 | 14 23 | 0 9 | 17 30 | 5 32 |
| S 11 | 8 11 | 1 1 | 3 28 | 4 21 | 1 50 | 5 45 | 1 19 | 18 35 | 0 24 | 15 30 | 0 53 | 19 11 | 2 11 | 3 41 | 0 45 | 7 6 | 0 51 | 21 14 | 0 15 | 13 57 | 14 24 | 0 7 | 17 31 | 5 32 |
| M12 | 8 33 | 4s 5 | 4 19 | 4 4 | 1 57 | 6 15 | 1 18 | 18 47 | 0 25 | 15 34 | 0 53 | 19 10 | 2 12 | 3 40 | 0 45 | 7 7 | 0 51 | 21 14 | 0 15 | 14 0 | 14 25 | 0 5 | 17 31 | 5 32 |
| T 13 | 8 55 | 8 54 | 4 52 | 3 45 | 2 4 | 6 44 | 1 17 | 18 58 | 0 25 | 15 38 | 0 53 | 19 10 | 2 12 | 3 39 | 0 45 | 7 7 | 0 51 | 21 14 | 0 16 | 14 2 | 14 26 | 0 3 | 17 32 | 5 32 |
| W14 | 9 17 | 13 5 | 5 4 | 3 25 | 2 10 | 7 12 | 1 16 | 19 9 | 0 26 | 15 42 | 0 53 | 19 9 | 2 12 | 3 38 | 0 45 | 7 8 | 0 51 | 21 14 | 0 16 | 14 5 | 14 27 | 0 1 | 17 32 | 5 31 |
| T 15 | 9 38 | 16 21 | 4 56 | 3 2 | 2 15 | 7 41 | 1 15 | 19 20 | 0 26 | 15 46 | 0 53 | 19 8 | 2 12 | 3 36 | 0 45 | 7 8 | 0 51 | 21 14 | 0 16 | 14 8 | 14 28 | 0n 1 | 17 33 | 5 31 |
| F 16 | 10 0 | 18 32 | 4 29 | 2 39 | 2 20 | 8 9 | 1 14 | 19 31 | 0 27 | 15 50 | 0 53 | 19 8 | 2 12 | 3 35 | 0 45 | 7 8 | 0 51 | 21 15 | 0 16 | 14 10 | 14 29 | 0 3 | 17 33 | 5 31 |
| S 17 | 10 21 | 19 33 | 3 47 | 2 14 | 2 25 | 8 38 | 1 12 | 19 42 | 0 28 | 15 55 | 0 53 | 19 7 | 2 12 | 3 34 | 0 45 | 7 9 | 0 51 | 21 15 | 0 16 | 14 12 | 14 30 | 0 6 | 17 34 | 5 31 |
| S 18 | 10 42 | 19 26 | 2 55 | 1 48 | 2 28 | 9 6 | 1 11 | 19 52 | 0 28 | 15 59 | 0 52 | 19 7 | 2 12 | 3 33 | 0 45 | 7 9 | 0 51 | 21 15 | 0 16 | 14 13 | 14 31 | 0 8 | 17 34 | 5 30 |
| M19 | 11 3 | 18 18 | 1 55 | 1 20 | 2 32 | 9 34 | 1 10 | 20 2 | 0 29 | 16 3 | 0 52 | 19 6 | 2 12 | 3 32 | 0 45 | 7 10 | 0 51 | 21 15 | 0 16 | 14 13 | 14 32 | 0 10 | 17 35 | 5 30 |
| T 20 | 11 24 | 16 19 | 0 52 | 0 52 | 2 35 | 10 1 | 1 8 | 20 12 | 0 29 | 16 7 | 0 52 | 19 5 | 2 12 | 3 31 | 0 45 | 7 10 | 0 51 | 21 15 | 0 16 | 14 13 | 14 33 | 0 12 | 17 35 | 5 30 |
| W21 | 11 44 | 13 37 | 0s13 | 0 22 | 2 37 | 10 29 | 1 7 | 20 22 | 0 30 | 16 11 | 0 52 | 19 5 | 2 12 | 3 30 | 0 45 | 7 10 | 0 51 | 21 15 | 0 16 | 14 13 | 14 34 | 0 14 | 17 36 | 5 30 |
| T 22 | 12 5 | 10 24 | 1 16 | 0n10 | 2 38 | 10 56 | 1 5 | 20 32 | 0 30 | 16 15 | 0 52 | 19 4 | 2 13 | 3 28 | 0 45 | 7 11 | 0 51 | 21 15 | 0 16 | 14 13 | 14 35 | 0 16 | 17 36 | 5 29 |
| F 23 | 12 25 | 6 48 | 2 15 | 0 42 | 2 40 | 11 23 | 1 4 | 20 41 | 0 31 | 16 19 | 0 52 | 19 3 | 2 13 | 3 27 | 0 45 | 7 11 | 0 51 | 21 15 | 0 16 | 14 14 | 14 36 | 0 18 | 17 37 | 5 29 |
| S 24 | 12 45 | 2 57 | 3 7 | 1 15 | 2 40 | 11 50 | 1 2 | 20 51 | 0 31 | 16 23 | 0 52 | 19 3 | 2 13 | 3 26 | 0 45 | 7 12 | 0 51 | 21 15 | 0 16 | 14 16 | 14 37 | 0 20 | 17 37 | 5 29 |
| S 25 | 13 4 | 1n 1 | 3 52 | 1 50 | 2 40 | 12 16 | 1 0 | 21 0 | 0 32 | 16 27 | 0 52 | 19 2 | 2 13 | 3 25 | 0 45 | 7 12 | 0 51 | 21 15 | 0 16 | 14 19 | 14 38 | 0 22 | 17 38 | 5 29 |
| M26 | 13 24 | 4 58 | 4 27 | 2 25 | 2 40 | 12 42 | 0 59 | 21 9 | 0 33 | 16 31 | 0 52 | 19 1 | 2 13 | 3 24 | 0 45 | 7 12 | 0 51 | 21 15 | 0 16 | 14 22 | 14 39 | 0 24 | 17 38 | 5 29 |
| T 27 | 13 43 | 8 45 | 4 50 | 3 2 | 2 39 | 13 8 | 0 57 | 21 17 | 0 33 | 16 35 | 0 52 | 19 1 | 2 13 | 3 23 | 0 45 | 7 13 | 0 51 | 21 14 | 0 16 | 14 26 | 14 40 | 0 26 | 17 39 | 5 28 |
| W28 | 14 2 | 12 13 | 5 0 | 3 39 | 2 37 | 13 34 | 0 55 | 21 26 | 0 34 | 16 39 | 0 51 | 19 0 | 2 13 | 3 22 | 0 45 | 7 13 | 0 51 | 21 14 | 0 16 | 14 31 | 14 41 | 0 28 | 17 39 | 5 28 |
| T 29 | 14 21 | 15 12 | 4 57 | 4 17 | 2 35 | 13 59 | 0 53 | 21 34 | 0 34 | 16 42 | 0 51 | 18 59 | 2 13 | 3 21 | 0 45 | 7 13 | 0 51 | 21 14 | 0 16 | 14 35 | 14 42 | 0 30 | 17 39 | 5 28 |
| F 30 | 14n40 | 17n33 | 4s40 | 4n57 | 2s33 | 14n24 | 0s51 | 21n42 | 0n35 | 16n46 | 0s51 | 18s59 | 2n13 | 3s20 | 0s45 | 7n13 | 0n51 | 21n14 | 0n16 | 14n39 | 14n43 | 0n33 | 17n40 | 5s28 |

Julian Day Number = 2607593.5, Delta T = 09m58s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'49, Lahiri = 29°49'51


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## MAY 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 35 19 | 10♉36'45 | 24♊31 | 20♈20 | 12♉36 | 6♊ 1 | 19♉51 | 5°R24 | 23♓22 | 13°R34 | 25♋37 | 20°R16 | 20♌ 8 | 10♈45 | 21♊40 | S 1 |
| S 2 | 14 39 16 | 11°35'14 | 7♋12 | 22° 0 | 13°50 | 6°43 | 20° 6 | 5♐20 | 23°24 | 13♍33 | 25°38 | 20♌10 | 20° 5 | 10°51 | 21°44 | S 2 |
| M 3 | 14 43 12 | 12°33'41 | 20° 7 | 23°43 | 15° 4 | 7°24 | 20°20 | 5°16 | 23°27 | 13°32 | 25°38 | 20° 6 | 20° 2 | 10°58 | 21°49 | M 3 |
| T 4 | 14 47 9 | 13°32'06 | 3♌18 | 25°27 | 16°18 | 8° 6 | 20°34 | 5°12 | 23°29 | 13°32 | 25°39 | 20° 4 | 19°59 | 11° 5 | 21°53 | T 4 |
| W 5 | 14 51 5 | 14°30'29 | 16°47 | 27°12 | 17°32 | 8°48 | 20°48 | 5° 8 | 23°32 | 13°31 | 25°39 | 20° 4 | 19°55 | 11°11 | 21°58 | W 5 |
| T 6 | 14 55 2 | 15°28'49 | 0♍37 | 29° 0 | 18°46 | 9°30 | 21° 3 | 5° 4 | 23°34 | 13°30 | 25°40 | 20° 4 | 19°52 | 11°18 | 22° 2 | T 6 |
| F 7 | 14 58 58 | 16°27'08 | 14°49 | 0♉49 | 20° 1 | 10°11 | 21°17 | 5° 0 | 23°37 | 13°30 | 25°41 | 20° 3 | 19°49 | 11°25 | 22° 7 | F 7 |
| S 8 | 15 2 55 | 17°25'24 | 29°23 | 2°40 | 21°15 | 10°53 | 21°31 | 4°56 | 23°39 | 13°29 | 25°41 | 19°59 | 19°46 | 11°31 | 22°11 | S 8 |
| S 9 | 15 6 52 | 18°23'39 | 14♎13 | 4°33 | 22°29 | 11°34 | 21°46 | 4°51 | 23°41 | 13°29 | 25°42 | 19°53 | 19°43 | 11°38 | 22°16 | S 9 |
| M10 | 15 10 48 | 19°21'51 | 29°15 | 6°28 | 23°43 | 12°16 | 22° 0 | 4°47 | 23°44 | 13°28 | 25°43 | 19°44 | 19°39 | 11°45 | 22°20 | M10 |
| T 11 | 15 14 45 | 20°20'02 | 14♏18 | 8°24 | 24°57 | 12°57 | 22°14 | 4°43 | 23°46 | 13°28 | 25°44 | 19°33 | 19°36 | 11°51 | 22°25 | T 11 |
| W12 | 15 18 41 | 21°18'11 | 29°14 | 10°22 | 26°11 | 13°39 | 22°29 | 4°39 | 23°48 | 13°27 | 25°44 | 19°22 | 19°33 | 11°58 | 22°29 | W12 |
| T 13 | 15 22 38 | 22°16'18 | 13♐53 | 12°22 | 27°25 | 14°20 | 22°43 | 4°34 | 23°50 | 13°27 | 25°45 | 19°11 | 19°30 | 12° 5 | 22°34 | T 13 |
| F 14 | 15 26 34 | 23°14'24 | 28° 7 | 14°23 | 28°39 | 15° 1 | 22°57 | 4°30 | 23°52 | 13°27 | 25°46 | 19° 3 | 19°27 | 12°12 | 22°39 | F 14 |
| S 15 | 15 30 31 | 24°12'29 | 11♑54 | 16°26 | 29°52 | 15°43 | 23°12 | 4°26 | 23°55 | 13°26 | 25°47 | 18°56 | 19°24 | 12°18 | 22°44 | S 15 |
| S 16 | 15 34 27 | 25°10'32 | 25°12 | 18°31 | 1♊ 6 | 16°24 | 23°26 | 4°21 | 23°57 | 13°26 | 25°48 | 18°52 | 19°20 | 12°25 | 22°48 | S 16 |
| M17 | 15 38 24 | 26° 8'33 | 8♒ 3 | 20°37 | 2°20 | 17° 5 | 23°40 | 4°17 | 23°59 | 13°26 | 25°49 | 18°51 | 19°17 | 12°32 | 22°53 | M17 |
| T 18 | 15 42 21 | 27° 6'33 | 20°32 | 22°44 | 3°34 | 17°46 | 23°54 | 4°12 | 24° 1 | 13°25 | 25°50 | 18°50 | 19°14 | 12°38 | 22°58 | T 18 |
| W19 | 15 46 17 | 28° 4'32 | 2♓42 | 24°53 | 4°48 | 18°27 | 24° 9 | 4° 8 | 24° 3 | 13°25 | 25°50 | 18°50 | 19°11 | 12°45 | 23° 3 | W19 |
| T 20 | 15 50 14 | 29° 2'30 | 14°41 | 27° 2 | 6° 2 | 19° 8 | 24°23 | 4° 3 | 24° 4 | 13°25 | 25°51 | 18°50 | 19° 8 | 12°52 | 23° 8 | T 20 |
| F 21 | 15 54 10 | 0♊ 0'26 | 26°32 | 29°12 | 7°16 | 19°49 | 24°37 | 3°59 | 24° 6 | 13°25 | 25°52 | 18°47 | 19° 5 | 12°58 | 23°13 | F 21 |
| S 22 | 15 58 7 | 0°58'21 | 8♈21 | 1♊23 | 8°30 | 20°30 | 24°52 | 3°54 | 24° 8 | 13°25 | 25°53 | 18°42 | 19° 1 | 13° 5 | 23°18 | S 22 |
| S 23 | 16 2 3 | 1°56'15 | 20°11 | 3°34 | 9°44 | 21°11 | 25° 6 | 3°50 | 24°10 | 13°25 | 25°54 | 18°34 | 18°58 | 13°12 | 23°23 | S 23 |
| M24 | 16 6 0 | 2°54'08 | 2♉ 8 | 5°46 | 10°57 | 21°52 | 25°20 | 3°45 | 24°12 | 13°25 | 25°55 | 18°24 | 18°55 | 13°19 | 23°28 | M24 |
| T 25 | 16 9 56 | 3°51'59 | 14°12 | 7°57 | 12°11 | 22°33 | 25°34 | 3°41 | 24°13 | 13°D25 | 25°56 | 18°12 | 18°52 | 13°25 | 23°33 | T 25 |
| W26 | 16 13 53 | 4°49'49 | 26°26 | 10° 7 | 13°25 | 23°14 | 25°49 | 3°37 | 24°15 | 13°25 | 25°57 | 17°59 | 18°49 | 13°32 | 23°38 | W26 |
| T 27 | 16 17 50 | 5°47'38 | 8♊50 | 12°17 | 14°39 | 23°55 | 26° 3 | 3°32 | 24°17 | 13°25 | 25°59 | 17°46 | 18°45 | 13°39 | 23°43 | T 27 |
| F 28 | 16 21 46 | 6°45'25 | 21°25 | 14°26 | 15°53 | 24°35 | 26°17 | 3°28 | 24°18 | 13°25 | 26° 0 | 17°35 | 18°42 | 13°45 | 23°48 | F 28 |
| S 29 | 16 25 43 | 7°43'11 | 4♋11 | 16°33 | 17° 6 | 25°16 | 26°31 | 3°23 | 24°20 | 13°25 | 26° 1 | 17°26 | 18°39 | 13°52 | 23°53 | S 29 |
| S 30 | 16 29 39 | 8°40'55 | 17° 9 | 18°39 | 18°20 | 25°57 | 26°45 | 3°19 | 24°21 | 13°25 | 26° 2 | 17°20 | 18°36 | 13°59 | 23°58 | S 30 |
| M31 | 16 33 36 | 9♊38'38 | 0♌18 | 20♊44 | 19♊34 | 26♊38 | 26♉59 | 3♐14 | 24♓23 | 13♍25 | 26♋ 3 | 17♌17 | 18♌33 | 14♈ 5 | 24♊ 3 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14n58 | 19n 7 | 4s 9 | 5n37 | 2s30 | 14n48 | 0s49 | 21n50 | 0n35 | 16n50 | 0s51 | 18s58 | 2n13 | 3s19 | 0s45 | 7n14 | 0n51 | 21n14 | 0n17 | 14n42 | 14n44 | 0n35 | 17n40 | 5s28 |
| S 2 | 15 16 | 19 46 | 3 26 | 6 17 | 2 26 | 15 12 | 0 47 | 21 58 | 0 36 | 16 54 | 0 51 | 18 57 | 2 13 | 3 18 | 0 45 | 7 14 | 0 51 | 21 14 | 0 17 | 14 44 | 14 45 | 0 37 | 17 41 | 5 27 |
| M 3 | 15 34 | 19 23 | 2 31 | 6 59 | 2 22 | 15 36 | 0 45 | 22 5 | 0 36 | 16 58 | 0 51 | 18 56 | 2 13 | 3 17 | 0 45 | 7 14 | 0 51 | 21 14 | 0 17 | 14 45 | 14 46 | 0 39 | 17 41 | 5 27 |
| T 4 | 15 52 | 17 57 | 1 28 | 7 41 | 2 17 | 15 59 | 0 43 | 22 13 | 0 37 | 17 2 | 0 51 | 18 56 | 2 13 | 3 16 | 0 45 | 7 15 | 0 51 | 21 14 | 0 17 | 14 45 | 14 47 | 0 41 | 17 42 | 5 27 |
| W 5 | 16 9 | 15 30 | 0 17 | 8 24 | 2 12 | 16 22 | 0 41 | 22 20 | 0 37 | 17 6 | 0 51 | 18 55 | 2 13 | 3 15 | 0 45 | 7 15 | 0 51 | 21 14 | 0 17 | 14 45 | 14 48 | 0 43 | 17 42 | 5 27 |
| T 6 | 16 26 | 12 6 | 0n56 | 9 7 | 2 7 | 16 44 | 0 39 | 22 27 | 0 38 | 17 10 | 0 51 | 18 54 | 2 13 | 3 14 | 0 45 | 7 15 | 0 51 | 21 14 | 0 17 | 14 45 | 14 49 | 0 45 | 17 42 | 5 27 |
| F 7 | 16 43 | 7 55 | 2 7 | 9 51 | 2 1 | 17 7 | 0 37 | 22 33 | 0 38 | 17 13 | 0 51 | 18 53 | 2 13 | 3 13 | 0 45 | 7 15 | 0 51 | 21 14 | 0 17 | 14 46 | 14 50 | 0 47 | 17 43 | 5 27 |
| S 8 | 17 0 | 3 11 | 3 12 | 10 35 | 1 54 | 17 28 | 0 35 | 22 40 | 0 39 | 17 17 | 0 51 | 18 53 | 2 14 | 3 12 | 0 45 | 7 15 | 0 51 | 21 14 | 0 17 | 14 47 | 14 51 | 0 49 | 17 43 | 5 26 |
| S 9 | 17 16 | 1s50 | 4 5 | 11 20 | 1 47 | 17 49 | 0 33 | 22 46 | 0 39 | 17 21 | 0 51 | 18 52 | 2 14 | 3 12 | 0 45 | 7 16 | 0 51 | 21 14 | 0 17 | 14 49 | 14 52 | 0 51 | 17 44 | 5 26 |
| M10 | 17 32 | 6 47 | 4 42 | 12 4 | 1 39 | 18 10 | 0 30 | 22 52 | 0 40 | 17 25 | 0 50 | 18 51 | 2 14 | 3 11 | 0 45 | 7 16 | 0 51 | 21 14 | 0 17 | 14 52 | 14 53 | 0 53 | 17 44 | 5 26 |
| T 11 | 17 47 | 11 20 | 4 59 | 12 50 | 1 32 | 18 30 | 0 28 | 22 58 | 0 40 | 17 28 | 0 50 | 18 50 | 2 14 | 3 10 | 0 45 | 7 16 | 0 51 | 21 14 | 0 17 | 14 55 | 14 54 | 0 56 | 17 44 | 5 26 |
| W12 | 18 3 | 15 7 | 4 56 | 13 35 | 1 23 | 18 50 | 0 26 | 23 3 | 0 41 | 17 32 | 0 50 | 18 50 | 2 14 | 3 9 | 0 45 | 7 16 | 0 51 | 21 14 | 0 17 | 14 59 | 14 55 | 0 58 | 17 45 | 5 26 |
| T 13 | 18 18 | 17 53 | 4 33 | 14 20 | 1 14 | 19 9 | 0 24 | 23 9 | 0 41 | 17 36 | 0 50 | 18 49 | 2 14 | 3 8 | 0 45 | 7 16 | 0 51 | 21 13 | 0 17 | 15 2 | 14 56 | 1 0 | 17 45 | 5 26 |
| F 14 | 18 32 | 19 28 | 3 54 | 15 5 | 1 5 | 19 28 | 0 21 | 23 14 | 0 42 | 17 39 | 0 50 | 18 48 | 2 14 | 3 7 | 0 45 | 7 16 | 0 51 | 21 13 | 0 17 | 15 5 | 14 57 | 1 2 | 17 46 | 5 26 |
| S 15 | 18 47 | 19 50 | 3 2 | 15 49 | 0 56 | 19 46 | 0 19 | 23 19 | 0 42 | 17 43 | 0 50 | 18 47 | 2 14 | 3 6 | 0 45 | 7 16 | 0 51 | 21 13 | 0 17 | 15 7 | 14 58 | 1 4 | 17 46 | 5 25 |
| S 16 | 19 1 | 19 3 | 2 2 | 16 33 | 0 46 | 20 4 | 0 17 | 23 24 | 0 42 | 17 47 | 0 50 | 18 46 | 2 14 | 3 6 | 0 45 | 7 17 | 0 51 | 21 13 | 0 17 | 15 8 | 14 59 | 1 6 | 17 46 | 5 25 |
| M17 | 19 15 | 17 18 | 0 57 | 17 17 | 0 36 | 20 21 | 0 14 | 23 28 | 0 43 | 17 50 | 0 50 | 18 46 | 2 14 | 3 5 | 0 45 | 7 17 | 0 50 | 21 13 | 0 17 | 15 8 | 15 0 | 1 8 | 17 47 | 5 25 |
| T 18 | 19 28 | 14 45 | 0s 9 | 18 0 | 0 26 | 20 37 | 0 12 | 23 32 | 0 43 | 17 54 | 0 50 | 18 45 | 2 14 | 3 4 | 0 45 | 7 17 | 0 50 | 21 13 | 0 17 | 15 8 | 15 1 | 1 10 | 17 47 | 5 25 |
| W19 | 19 41 | 11 37 | 1 13 | 18 41 | 0 15 | 20 53 | 0 9 | 23 36 | 0 44 | 17 57 | 0 50 | 18 44 | 2 14 | 3 3 | 0 46 | 7 17 | 0 50 | 21 13 | 0 18 | 15 8 | 15 2 | 1 12 | 17 47 | 5 25 |
| T 20 | 19 54 | 8 3 | 2 12 | 19 22 | 0 5 | 21 9 | 0 7 | 23 40 | 0 44 | 18 1 | 0 50 | 18 43 | 2 14 | 3 3 | 0 46 | 7 17 | 0 50 | 21 13 | 0 18 | 15 9 | 15 3 | 1 14 | 17 48 | 5 25 |
| F 21 | 20 6 | 4 13 | 3 5 | 20 1 | 0n 6 | 21 24 | 0 5 | 23 44 | 0 45 | 18 4 | 0 50 | 18 42 | 2 13 | 3 2 | 0 46 | 7 17 | 0 50 | 21 13 | 0 18 | 15 10 | 15 4 | 1 17 | 17 48 | 5 25 |
| S 22 | 20 18 | 0 14 | 3 50 | 20 39 | 0 16 | 21 38 | 0 2 | 23 48 | 0 45 | 18 8 | 0 50 | 18 42 | 2 13 | 3 1 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 11 | 15 5 | 1 19 | 17 48 | 5 25 |
| S 23 | 20 30 | 3n46 | 4 25 | 21 15 | 0 27 | 21 52 | 0n 0 | 23 51 | 0 45 | 18 11 | 0 50 | 18 41 | 2 13 | 3 1 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 14 | 15 6 | 1 21 | 17 49 | 5 25 |
| M24 | 20 41 | 7 39 | 4 49 | 21 49 | 0 37 | 22 5 | 0 3 | 23 54 | 0 46 | 18 15 | 0 50 | 18 40 | 2 13 | 3 0 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 17 | 15 7 | 1 23 | 17 49 | 5 25 |
| T 25 | 20 52 | 11 17 | 5 0 | 22 21 | 0 47 | 22 17 | 0 5 | 23 57 | 0 46 | 18 18 | 0 50 | 18 39 | 2 13 | 2 59 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 20 | 15 8 | 1 25 | 17 49 | 5 25 |
| W26 | 21 3 | 14 29 | 4 58 | 22 51 | 0 56 | 22 29 | 0 7 | 23 59 | 0 47 | 18 22 | 0 50 | 18 39 | 2 13 | 2 59 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 24 | 15 9 | 1 27 | 17 50 | 5 25 |
| T 27 | 21 13 | 17 5 | 4 41 | 23 18 | 1 6 | 22 40 | 0 10 | 24 2 | 0 47 | 18 25 | 0 50 | 18 38 | 2 13 | 2 58 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 28 | 15 10 | 1 29 | 17 50 | 5 24 |
| F 28 | 21 23 | 18 56 | 4 11 | 23 43 | 1 15 | 22 50 | 0 12 | 24 4 | 0 48 | 18 28 | 0 49 | 18 37 | 2 13 | 2 58 | 0 46 | 7 17 | 0 50 | 21 12 | 0 18 | 15 32 | 15 11 | 1 31 | 17 50 | 5 24 |
| S 29 | 21 33 | 19 52 | 3 28 | 24 5 | 1 23 | 23 0 | 0 15 | 24 6 | 0 48 | 18 32 | 0 49 | 18 36 | 2 13 | 2 57 | 0 46 | 7 17 | 0 50 | 21 11 | 0 18 | 15 34 | 15 12 | 1 33 | 17 50 | 5 24 |
| S 30 | 21 42 | 19 46 | 2 33 | 24 24 | 1 31 | 23 9 | 0 17 | 24 7 | 0 48 | 18 35 | 0 49 | 18 35 | 2 13 | 2 56 | 0 46 | 7 17 | 0 50 | 21 11 | 0 18 | 15 36 | 15 13 | 1 35 | 17 51 | 5 24 |
| M31 | 21n51 | 18n35 | 1s29 | 24n41 | 1n38 | 23n18 | 0n20 | 24n 9 | 0n49 | 18n38 | 0s49 | 18s35 | 2n13 | 2s56 | 0s46 | 7n16 | 0n50 | 21n11 | 0n18 | 15n37 | 15n14 | 1n38 | 17n51 | 5s24 |

Julian Day Number = 2607623.5, Delta T = 09m59s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'53, Lahiri = 29°49'55


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## JUNE 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 37 32 | 10♊36'20 | 13♌39 | 22♊46 | 20♊47 | 27♊18 | 27♉13 | 3°R10 | 24♓24 | 13♍26 | 26♋ 4 | 17°D15 | 18♌30 | 14♈12 | 24♊ 8 | T 1 |
| W 2 | 16 41 29 | 11°34'00 | 27°14 | 24°46 | 22° 1 | 27°59 | 27°27 | 3♐ 5 | 24°25 | 13°26 | 26° 5 | 17♌16 | 18°26 | 14°19 | 24°13 | W 2 |
| T 3 | 16 45 25 | 12°31'38 | 11♍ 4 | 26°44 | 23°15 | 28°39 | 27°42 | 3° 1 | 24°27 | 13°26 | 26° 7 | 17°R16 | 18°23 | 14°25 | 24°19 | T 3 |
| F 4 | 16 49 22 | 13°29'15 | 25° 8 | 28°39 | 24°29 | 29°20 | 27°56 | 2°56 | 24°28 | 13°26 | 26° 8 | 17°15 | 18°20 | 14°32 | 24°24 | F 4 |
| S 5 | 16 53 19 | 14°26'50 | 9♎26 | 0♋32 | 25°42 | 0♋ 0 | 28°10 | 2°52 | 24°29 | 13°27 | 26° 9 | 17°13 | 18°17 | 14°39 | 24°29 | S 5 |
| S 6 | 16 57 15 | 15°24'24 | 23°57 | 2°22 | 26°56 | 0°41 | 28°24 | 2°48 | 24°30 | 13°27 | 26°10 | 17° 8 | 18°14 | 14°46 | 24°34 | S 6 |
| M 7 | 17 1 12 | 16°21'57 | 8♏36 | 4°10 | 28° 9 | 1°21 | 28°37 | 2°43 | 24°31 | 13°28 | 26°12 | 17° 2 | 18°11 | 14°52 | 24°39 | M 7 |
| T 8 | 17 5 8 | 17°19'28 | 23°16 | 5°55 | 29°23 | 2° 1 | 28°51 | 2°39 | 24°32 | 13°28 | 26°13 | 16°53 | 18° 7 | 14°59 | 24°45 | T 8 |
| W 9 | 17 9 5 | 18°16'58 | 7♐50 | 7°37 | 0♋37 | 2°42 | 29° 5 | 2°35 | 24°33 | 13°28 | 26°14 | 16°44 | 18° 4 | 15° 6 | 24°50 | W 9 |
| T 10 | 17 13 1 | 19°14'28 | 22°12 | 9°16 | 1°50 | 3°22 | 29°19 | 2°31 | 24°34 | 13°29 | 26°15 | 16°35 | 18° 1 | 15°12 | 24°55 | T 10 |
| F 11 | 17 16 58 | 20°11'56 | 6♑15 | 10°52 | 3° 4 | 4° 2 | 29°33 | 2°27 | 24°35 | 13°30 | 26°17 | 16°28 | 17°58 | 15°19 | 25° 0 | F 11 |
| S 12 | 17 20 54 | 21° 9'23 | 19°55 | 12°26 | 4°17 | 4°42 | 29°47 | 2°22 | 24°36 | 13°30 | 26°18 | 16°23 | 17°55 | 15°26 | 25° 6 | S 12 |
| S 13 | 17 24 51 | 22° 6'50 | 3♒10 | 13°56 | 5°31 | 5°22 | 0♊ 0 | 2°18 | 24°37 | 13°31 | 26°19 | 16°20 | 17°51 | 15°32 | 25°11 | S 13 |
| M14 | 17 28 48 | 23° 4'15 | 16° 2 | 15°24 | 6°44 | 6° 3 | 0°14 | 2°14 | 24°38 | 13°31 | 26°21 | 16°D20 | 17°48 | 15°39 | 25°16 | M14 |
| T 15 | 17 32 44 | 24° 1'40 | 28°32 | 16°49 | 7°58 | 6°43 | 0°28 | 2°10 | 24°38 | 13°32 | 26°22 | 16°20 | 17°45 | 15°46 | 25°21 | T 15 |
| W16 | 17 36 41 | 24°59'05 | 10♓45 | 18°10 | 9°11 | 7°23 | 0°41 | 2° 6 | 24°39 | 13°33 | 26°23 | 16°21 | 17°42 | 15°53 | 25°27 | W16 |
| T 17 | 17 40 37 | 25°56'29 | 22°46 | 19°29 | 10°25 | 8° 3 | 0°55 | 2° 2 | 24°40 | 13°33 | 26°25 | 16°R22 | 17°39 | 15°59 | 25°32 | T 17 |
| F 18 | 17 44 34 | 26°53'52 | 4♈40 | 20°45 | 11°38 | 8°43 | 1° 9 | 1°58 | 24°40 | 13°34 | 26°26 | 16°22 | 17°36 | 16° 6 | 25°37 | F 18 |
| S 19 | 17 48 30 | 27°51'15 | 16°31 | 21°57 | 12°52 | 9°23 | 1°22 | 1°55 | 24°41 | 13°35 | 26°28 | 16°20 | 17°32 | 16°13 | 25°42 | S 19 |
| S 20 | 17 52 27 | 28°48'37 | 28°24 | 23° 7 | 14° 5 | 10° 3 | 1°36 | 1°51 | 24°41 | 13°36 | 26°29 | 16°16 | 17°29 | 16°19 | 25°48 | S 20 |
| M21 | 17 56 23 | 29°45'59 | 10♉25 | 24°13 | 15°19 | 10°43 | 1°49 | 1°47 | 24°42 | 13°37 | 26°30 | 16°10 | 17°26 | 16°26 | 25°53 | M21 |
| T 22 | 18 0 20 | 0♋43'20 | 22°35 | 25°16 | 16°32 | 11°22 | 2° 2 | 1°43 | 24°42 | 13°38 | 26°32 | 16° 3 | 17°23 | 16°33 | 25°58 | T 22 |
| W23 | 18 4 17 | 1°40'41 | 4♊58 | 26°15 | 17°46 | 12° 2 | 2°16 | 1°40 | 24°42 | 13°39 | 26°33 | 15°55 | 17°20 | 16°40 | 26° 4 | W23 |
| T 24 | 18 8 13 | 2°38'02 | 17°35 | 27°11 | 18°59 | 12°42 | 2°29 | 1°36 | 24°43 | 13°39 | 26°35 | 15°47 | 17°16 | 16°46 | 26° 9 | T 24 |
| F 25 | 18 12 10 | 3°35'22 | 0♋26 | 28° 3 | 20°13 | 13°22 | 2°42 | 1°33 | 24°43 | 13°40 | 26°36 | 15°41 | 17°13 | 16°53 | 26°14 | F 25 |
| S 26 | 18 16 6 | 4°32'41 | 13°32 | 28°52 | 21°26 | 14° 2 | 2°55 | 1°29 | 24°43 | 13°41 | 26°38 | 15°35 | 17°10 | 17° 0 | 26°19 | S 26 |
| S 27 | 18 20 3 | 5°30'00 | 26°52 | 29°37 | 22°39 | 14°41 | 3° 8 | 1°26 | 24°43 | 13°42 | 26°39 | 15°32 | 17° 7 | 17° 6 | 26°25 | S 27 |
| M28 | 18 23 59 | 6°27'18 | 10♌23 | 0♌18 | 23°53 | 15°21 | 3°21 | 1°23 | 24°43 | 13°44 | 26°41 | 15°D31 | 17° 4 | 17°13 | 26°30 | M28 |
| T 29 | 18 27 56 | 7°24'36 | 24° 5 | 0°56 | 25° 6 | 16° 1 | 3°34 | 1°20 | 24°R43 | 13°45 | 26°42 | 15°31 | 17° 1 | 17°20 | 26°35 | T 29 |
| W30 | 18 31 53 | 8♋21'53 | 7♍57 | 1♌29 | 26♋19 | 16♋40 | 3♊47 | 1♐17 | 24♓43 | 13♍46 | 26♋44 | 15♌32 | 16♌57 | 17♈26 | 26♊40 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21n59 | 16n23 | 0s19 | 24n55 | 1n44 | 23n26 | 0n22 | 24n10 | 0n49 | 18n41 | 0s49 | 18s34 | 2n13 | 2s55 | 0s46 | 7n16 | 0n50 | 21n11 | 0n18 | 15n38 | 15n15 | 1n40 | 17n51 | 5s24 |
| W 2 | 22 7 | 13 14 | 0n53 | 25 6 | 1 50 | 23 33 | 0 24 | 24 11 | 0 49 | 18 45 | 0 49 | 18 33 | 2 13 | 2 55 | 0 46 | 7 16 | 0 50 | 21 11 | 0 18 | 15 37 | 15 16 | 1 42 | 17 51 | 5 24 |
| T 3 | 22 15 | 9 18 | 2 3 | 25 15 | 1 55 | 23 39 | 0 27 | 24 12 | 0 50 | 18 48 | 0 49 | 18 32 | 2 13 | 2 54 | 0 46 | 7 16 | 0 50 | 21 11 | 0 18 | 15 37 | 15 17 | 1 44 | 17 52 | 5 24 |
| F 4 | 22 22 | 4 48 | 3 7 | 25 21 | 1 59 | 23 45 | 0 29 | 24 13 | 0 50 | 18 51 | 0 49 | 18 32 | 2 13 | 2 54 | 0 46 | 7 16 | 0 50 | 21 10 | 0 18 | 15 38 | 15 18 | 1 46 | 17 52 | 5 24 |
| S 5 | 22 29 | 0s 2 | 4 1 | 25 25 | 2 2 | 23 50 | 0 31 | 24 14 | 0 51 | 18 54 | 0 49 | 18 31 | 2 12 | 2 54 | 0 46 | 7 16 | 0 50 | 21 10 | 0 19 | 15 38 | 15 19 | 1 48 | 17 52 | 5 24 |
| S 6 | 22 35 | 4 56 | 4 40 | 25 27 | 2 5 | 23 55 | 0 34 | 24 14 | 0 51 | 18 57 | 0 49 | 18 30 | 2 12 | 2 53 | 0 46 | 7 16 | 0 50 | 21 10 | 0 19 | 15 40 | 15 20 | 1 50 | 17 52 | 5 24 |
| M 7 | 22 41 | 9 35 | 5 1 | 25 26 | 2 7 | 23 58 | 0 36 | 24 14 | 0 51 | 19 0 | 0 49 | 18 29 | 2 12 | 2 53 | 0 46 | 7 16 | 0 50 | 21 10 | 0 19 | 15 42 | 15 21 | 1 52 | 17 52 | 5 24 |
| T 8 | 22 47 | 13 40 | 5 2 | 25 23 | 2 8 | 24 1 | 0 38 | 24 14 | 0 52 | 19 3 | 0 49 | 18 29 | 2 12 | 2 52 | 0 46 | 7 15 | 0 50 | 21 10 | 0 19 | 15 44 | 15 22 | 1 54 | 17 53 | 5 24 |
| W 9 | 22 52 | 16 53 | 4 44 | 25 18 | 2 8 | 24 3 | 0 41 | 24 13 | 0 52 | 19 6 | 0 49 | 18 28 | 2 12 | 2 52 | 0 46 | 7 15 | 0 50 | 21 10 | 0 19 | 15 47 | 15 23 | 1 57 | 17 53 | 5 24 |
| T 10 | 22 57 | 19 2 | 4 8 | 25 11 | 2 8 | 24 5 | 0 43 | 24 13 | 0 52 | 19 9 | 0 49 | 18 27 | 2 12 | 2 52 | 0 46 | 7 15 | 0 50 | 21 9 | 0 19 | 15 50 | 15 24 | 1 59 | 17 53 | 5 24 |
| F 11 | 23 1 | 19 57 | 3 18 | 25 2 | 2 7 | 24 6 | 0 45 | 24 12 | 0 53 | 19 12 | 0 49 | 18 27 | 2 12 | 2 51 | 0 46 | 7 15 | 0 50 | 21 9 | 0 19 | 15 52 | 15 25 | 2 1 | 17 53 | 5 24 |
| S 12 | 23 5 | 19 39 | 2 17 | 24 52 | 2 4 | 24 6 | 0 47 | 24 11 | 0 53 | 19 15 | 0 49 | 18 26 | 2 12 | 2 51 | 0 46 | 7 14 | 0 50 | 21 9 | 0 19 | 15 53 | 15 26 | 2 3 | 17 53 | 5 24 |
| S 13 | 23 9 | 18 16 | 1 10 | 24 40 | 2 2 | 24 5 | 0 49 | 24 10 | 0 53 | 19 18 | 0 49 | 18 25 | 2 12 | 2 51 | 0 46 | 7 14 | 0 50 | 21 9 | 0 19 | 15 54 | 15 27 | 2 5 | 17 53 | 5 25 |
| M14 | 23 12 | 15 58 | 0 2 | 24 27 | 1 58 | 24 4 | 0 51 | 24 8 | 0 54 | 19 21 | 0 49 | 18 25 | 2 11 | 2 50 | 0 46 | 7 14 | 0 50 | 21 9 | 0 19 | 15 54 | 15 28 | 2 7 | 17 53 | 5 25 |
| T 15 | 23 15 | 12 58 | 1s 5 | 24 12 | 1 54 | 24 2 | 0 54 | 24 7 | 0 54 | 19 24 | 0 49 | 18 24 | 2 11 | 2 50 | 0 46 | 7 14 | 0 50 | 21 8 | 0 19 | 15 54 | 15 29 | 2 9 | 17 54 | 5 25 |
| W16 | 23 17 | 9 29 | 2 8 | 23 57 | 1 49 | 23 59 | 0 56 | 24 5 | 0 54 | 19 27 | 0 49 | 18 23 | 2 11 | 2 50 | 0 47 | 7 13 | 0 50 | 21 8 | 0 19 | 15 54 | 15 29 | 2 11 | 17 54 | 5 25 |
| T 17 | 23 19 | 5 40 | 3 3 | 23 40 | 1 43 | 23 56 | 0 58 | 24 3 | 0 55 | 19 30 | 0 49 | 18 23 | 2 11 | 2 50 | 0 47 | 7 13 | 0 50 | 21 8 | 0 19 | 15 54 | 15 30 | 2 14 | 17 54 | 5 25 |
| F 18 | 23 21 | 1 41 | 3 50 | 23 22 | 1 36 | 23 52 | 1 0 | 24 1 | 0 55 | 19 32 | 0 49 | 18 22 | 2 11 | 2 50 | 0 47 | 7 13 | 0 50 | 21 8 | 0 19 | 15 54 | 15 31 | 2 16 | 17 54 | 5 25 |
| S 19 | 23 22 | 2n21 | 4 28 | 23 3 | 1 29 | 23 47 | 1 2 | 23 58 | 0 55 | 19 35 | 0 49 | 18 22 | 2 11 | 2 49 | 0 47 | 7 12 | 0 50 | 21 8 | 0 19 | 15 54 | 15 32 | 2 18 | 17 54 | 5 25 |
| S 20 | 23 23 | 6 19 | 4 53 | 22 44 | 1 21 | 23 41 | 1 3 | 23 56 | 0 56 | 19 38 | 0 49 | 18 21 | 2 11 | 2 49 | 0 47 | 7 12 | 0 50 | 21 7 | 0 19 | 15 55 | 15 33 | 2 20 | 17 54 | 5 25 |
| M21 | 23 23 | 10 3 | 5 6 | 22 24 | 1 12 | 23 35 | 1 5 | 23 53 | 0 56 | 19 41 | 0 49 | 18 20 | 2 10 | 2 49 | 0 47 | 7 12 | 0 50 | 21 7 | 0 19 | 15 57 | 15 34 | 2 22 | 17 54 | 5 25 |
| T 22 | 23 23 | 13 26 | 5 6 | 22 4 | 1 3 | 23 28 | 1 7 | 23 50 | 0 56 | 19 43 | 0 49 | 18 20 | 2 10 | 2 49 | 0 47 | 7 11 | 0 50 | 21 7 | 0 19 | 15 59 | 15 35 | 2 24 | 17 54 | 5 25 |
| W23 | 23 22 | 16 18 | 4 51 | 21 43 | 0 53 | 23 21 | 1 9 | 23 47 | 0 57 | 19 46 | 0 49 | 18 19 | 2 10 | 2 49 | 0 47 | 7 11 | 0 50 | 21 7 | 0 20 | 16 2 | 15 36 | 2 26 | 17 54 | 5 25 |
| T 24 | 23 21 | 18 27 | 4 22 | 21 21 | 0 42 | 23 12 | 1 11 | 23 43 | 0 57 | 19 48 | 0 49 | 18 19 | 2 10 | 2 49 | 0 47 | 7 11 | 0 50 | 21 7 | 0 20 | 16 4 | 15 37 | 2 28 | 17 54 | 5 25 |
| F 25 | 23 20 | 19 43 | 3 40 | 21 0 | 0 31 | 23 3 | 1 12 | 23 40 | 0 57 | 19 51 | 0 49 | 18 18 | 2 10 | 2 49 | 0 47 | 7 10 | 0 50 | 21 6 | 0 20 | 16 6 | 15 38 | 2 31 | 17 54 | 5 26 |
| S 26 | 23 18 | 19 58 | 2 45 | 20 38 | 0 19 | 22 54 | 1 14 | 23 36 | 0 57 | 19 54 | 0 49 | 18 18 | 2 10 | 2 49 | 0 47 | 7 10 | 0 50 | 21 6 | 0 20 | 16 7 | 15 39 | 2 33 | 17 54 | 5 26 |
| S 27 | 23 16 | 19 6 | 1 40 | 20 17 | 0 6 | 22 44 | 1 16 | 23 32 | 0 58 | 19 56 | 0 49 | 18 17 | 2 9 | 2 49 | 0 47 | 7 9 | 0 50 | 21 6 | 0 20 | 16 8 | 15 40 | 2 35 | 17 54 | 5 26 |
| M28 | 23 13 | 17 9 | 0 28 | 19 56 | 0s 7 | 22 33 | 1 17 | 23 28 | 0 58 | 19 59 | 0 49 | 18 17 | 2 9 | 2 49 | 0 47 | 7 9 | 0 50 | 21 6 | 0 20 | 16 9 | 15 41 | 2 37 | 17 54 | 5 26 |
| T 29 | 23 10 | 14 12 | 0n47 | 19 34 | 0 20 | 22 21 | 1 19 | 23 23 | 0 58 | 20 1 | 0 49 | 18 16 | 2 9 | 2 49 | 0 47 | 7 9 | 0 50 | 21 5 | 0 20 | 16 9 | 15 42 | 2 39 | 17 54 | 5 26 |
| W30 | 23n 7 | 10n25 | 1n59 | 19n13 | 0s34 | 22n 9 | 1n20 | 23n19 | 0n59 | 20n 3 | 0s49 | 18s16 | 2n 9 | 2s49 | 0s47 | 7n 8 | 0n50 | 21n 5 | 0n20 | 16n 8 | 15n43 | 2n41 | 17n54 | 5s26 |

Julian Day Number = 2607654.5, Delta T = 09m59s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°42'58, Lahiri = 29°49'59


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## JULY 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 35 49 | 9♋19'09 | 21♍56 | 1♌58 | 27♋33 | 17♋20 | 4♊ 0 | 1°R13 | 24°R43 | 13♍47 | 26♋45 | 15♌33 | 16♌54 | 17♈33 | 26♊45 | T 1 |
| F 2 | 18 39 46 | 10°16'25 | 6♎ 3 | 2°22 | 28°46 | 18° 0 | 4°13 | 1♐10 | 24♓43 | 13°48 | 26°47 | 15°R34 | 16°51 | 17°40 | 26°51 | F 2 |
| S 3 | 18 43 42 | 11°13'39 | 20°16 | 2°42 | 29°59 | 18°39 | 4°26 | 1° 8 | 24°43 | 13°49 | 26°48 | 15°34 | 16°48 | 17°47 | 26°56 | S 3 |
| S 4 | 18 47 39 | 12°10'54 | 4♏32 | 2°58 | 1♌13 | 19°19 | 4°39 | 1° 5 | 24°43 | 13°51 | 26°50 | 15°32 | 16°45 | 17°53 | 27° 1 | S 4 |
| M 5 | 18 51 35 | 13° 8'08 | 18°49 | 3° 9 | 2°26 | 19°58 | 4°51 | 1° 2 | 24°43 | 13°52 | 26°51 | 15°29 | 16°42 | 18° 0 | 27° 6 | M 5 |
| T 6 | 18 55 32 | 14° 5'21 | 3♐ 3 | 3°16 | 3°39 | 20°37 | 5° 4 | 0°59 | 24°42 | 13°53 | 26°53 | 15°25 | 16°38 | 18° 7 | 27°11 | T 6 |
| W 7 | 18 59 28 | 15° 2'34 | 17°10 | 3°R18 | 4°52 | 21°17 | 5°16 | 0°57 | 24°42 | 13°54 | 26°55 | 15°21 | 16°35 | 18°13 | 27°16 | W 7 |
| T 8 | 19 3 25 | 15°59'46 | 1♑ 6 | 3°15 | 6° 5 | 21°56 | 5°29 | 0°54 | 24°42 | 13°56 | 26°56 | 15°16 | 16°32 | 18°20 | 27°22 | T 8 |
| F 9 | 19 7 22 | 16°56'59 | 14°46 | 3° 8 | 7°19 | 22°36 | 5°41 | 0°52 | 24°41 | 13°57 | 26°58 | 15°13 | 16°29 | 18°27 | 27°27 | F 9 |
| S 10 | 19 11 18 | 17°54'11 | 28° 9 | 2°56 | 8°32 | 23°15 | 5°53 | 0°49 | 24°41 | 13°58 | 26°59 | 15°11 | 16°26 | 18°34 | 27°32 | S 10 |
| S 11 | 19 15 15 | 18°51'23 | 11♒13 | 2°40 | 9°45 | 23°54 | 6° 6 | 0°47 | 24°40 | 14° 0 | 27° 1 | 15°D10 | 16°22 | 18°40 | 27°37 | S 11 |
| M12 | 19 19 11 | 19°48'36 | 23°58 | 2°20 | 10°58 | 24°34 | 6°18 | 0°45 | 24°40 | 14° 1 | 27° 2 | 15°10 | 16°19 | 18°47 | 27°42 | M12 |
| T 13 | 19 23 8 | 20°45'48 | 6♓26 | 1°56 | 12°11 | 25°13 | 6°30 | 0°43 | 24°39 | 14° 3 | 27° 4 | 15°11 | 16°16 | 18°54 | 27°47 | T 13 |
| W14 | 19 27 4 | 21°43'01 | 18°39 | 1°28 | 13°24 | 25°52 | 6°42 | 0°41 | 24°38 | 14° 4 | 27° 6 | 15°12 | 16°13 | 19° 0 | 27°52 | W14 |
| T 15 | 19 31 1 | 22°40'13 | 0♈40 | 0°57 | 14°37 | 26°31 | 6°54 | 0°39 | 24°38 | 14° 6 | 27° 7 | 15°14 | 16°10 | 19° 7 | 27°57 | T 15 |
| F 16 | 19 34 57 | 23°37'26 | 12°35 | 0°23 | 15°50 | 27°10 | 7° 6 | 0°37 | 24°37 | 14° 7 | 27° 9 | 15°15 | 16° 7 | 19°14 | 28° 2 | F 16 |
| S 17 | 19 38 54 | 24°34'40 | 24°28 | 29♋48 | 17° 3 | 27°50 | 7°17 | 0°35 | 24°36 | 14° 9 | 27°10 | 15°R16 | 16° 3 | 19°20 | 28° 7 | S 17 |
| S 18 | 19 42 51 | 25°31'54 | 6♉23 | 29°10 | 18°17 | 28°29 | 7°29 | 0°34 | 24°35 | 14°10 | 27°12 | 15°15 | 16° 0 | 19°27 | 28°12 | S 18 |
| M19 | 19 46 47 | 26°29'08 | 18°24 | 28°31 | 19°30 | 29° 8 | 7°41 | 0°32 | 24°34 | 14°12 | 27°13 | 15°14 | 15°57 | 19°34 | 28°16 | M19 |
| T 20 | 19 50 44 | 27°26'23 | 0♊38 | 27°53 | 20°43 | 29°47 | 7°52 | 0°31 | 24°33 | 14°14 | 27°15 | 15°12 | 15°54 | 19°41 | 28°21 | T 20 |
| W21 | 19 54 40 | 28°23'38 | 13° 6 | 27°14 | 21°55 | 0♌26 | 8° 4 | 0°29 | 24°32 | 14°15 | 27°17 | 15°10 | 15°51 | 19°47 | 28°26 | W21 |
| T 22 | 19 58 37 | 29°20'54 | 25°51 | 26°36 | 23° 8 | 1° 5 | 8°15 | 0°28 | 24°31 | 14°17 | 27°18 | 15° 7 | 15°48 | 19°54 | 28°31 | T 22 |
| F 23 | 20 2 33 | 0♌18'10 | 8♋55 | 26° 0 | 24°21 | 1°44 | 8°26 | 0°27 | 24°30 | 14°19 | 27°20 | 15° 5 | 15°44 | 20° 1 | 28°36 | F 23 |
| S 24 | 20 6 30 | 1°15'27 | 22°19 | 25°26 | 25°34 | 2°23 | 8°38 | 0°26 | 24°29 | 14°20 | 27°21 | 15° 4 | 15°41 | 20° 7 | 28°40 | S 24 |
| S 25 | 20 10 26 | 2°12'44 | 6♌ 0 | 24°55 | 26°47 | 3° 2 | 8°49 | 0°25 | 24°28 | 14°22 | 27°23 | 15° 3 | 15°38 | 20°14 | 28°45 | S 25 |
| M26 | 20 14 23 | 3°10'02 | 19°56 | 24°28 | 28° 0 | 3°41 | 9° 0 | 0°24 | 24°27 | 14°24 | 27°25 | 15°D 3 | 15°35 | 20°21 | 28°50 | M26 |
| T 27 | 20 18 20 | 4° 7'20 | 4♍ 5 | 24° 4 | 29°13 | 4°20 | 9°11 | 0°23 | 24°26 | 14°26 | 27°26 | 15° 4 | 15°32 | 20°28 | 28°54 | T 27 |
| W28 | 20 22 16 | 5° 4'38 | 18°21 | 23°45 | 0♍26 | 4°59 | 9°21 | 0°22 | 24°24 | 14°27 | 27°28 | 15° 4 | 15°28 | 20°34 | 28°59 | W28 |
| T 29 | 20 26 13 | 6° 1'56 | 2♎42 | 23°31 | 1°39 | 5°38 | 9°32 | 0°22 | 24°23 | 14°29 | 27°29 | 15° 5 | 15°25 | 20°41 | 29° 3 | T 29 |
| F 30 | 20 30 9 | 6°59'14 | 17° 3 | 23°22 | 2°51 | 6°16 | 9°43 | 0°21 | 24°22 | 14°31 | 27°31 | 15° 6 | 15°22 | 20°48 | 29° 8 | F 30 |
| S 31 | 20 34 6 | 7♌56'33 | 1♏20 | 23°D18 | 4♍ 4 | 6♌55 | 9♊53 | 0♐21 | 24♓20 | 14♍33 | 27♋32 | 15♌ 6 | 15♌19 | 20♈54 | 29♊12 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 3 | 6n 2 | 3n 5 | 18n53 | 0s49 | 21n56 | 1n21 | 23n14 | 0n59 | 20n 6 | 0s49 | 18s15 | 2n 9 | 2s49 | 0s47 | 7n 8 | 0n50 | 21n 5 | 0n20 | 16n 8 | 15n44 | 2n43 | 17n54 | 5s26 |
| F 2 | 22 59 | 1 17 | 4 1 | 18 33 | 1 4 | 21 42 | 1 23 | 23 9 | 0 59 | 20 8 | 0 49 | 18 15 | 2 8 | 2 49 | 0 47 | 7 7 | 0 50 | 21 5 | 0 20 | 16 8 | 15 45 | 2 45 | 17 54 | 5 27 |
| S 3 | 22 55 | 3s32 | 4 42 | 18 14 | 1 19 | 21 28 | 1 24 | 23 4 | 0 59 | 20 11 | 0 49 | 18 15 | 2 8 | 2 49 | 0 47 | 7 7 | 0 50 | 21 4 | 0 20 | 16 8 | 15 46 | 2 48 | 17 54 | 5 27 |
| S 4 | 22 50 | 8 11 | 5 6 | 17 55 | 1 34 | 21 14 | 1 25 | 22 59 | 1 0 | 20 13 | 0 49 | 18 14 | 2 8 | 2 49 | 0 47 | 7 6 | 0 50 | 21 4 | 0 20 | 16 8 | 15 47 | 2 50 | 17 54 | 5 27 |
| M 5 | 22 44 | 12 23 | 5 11 | 17 37 | 1 50 | 20 58 | 1 26 | 22 53 | 1 0 | 20 15 | 0 49 | 18 14 | 2 8 | 2 49 | 0 47 | 7 6 | 0 50 | 21 4 | 0 20 | 16 9 | 15 48 | 2 52 | 17 54 | 5 27 |
| T 6 | 22 38 | 15 51 | 4 57 | 17 20 | 2 6 | 20 42 | 1 27 | 22 48 | 1 0 | 20 17 | 0 49 | 18 14 | 2 8 | 2 49 | 0 47 | 7 5 | 0 50 | 21 4 | 0 20 | 16 10 | 15 49 | 2 54 | 17 54 | 5 27 |
| W 7 | 22 32 | 18 22 | 4 25 | 17 4 | 2 22 | 20 26 | 1 28 | 22 42 | 1 0 | 20 20 | 0 49 | 18 13 | 2 7 | 2 49 | 0 47 | 7 5 | 0 50 | 21 4 | 0 20 | 16 12 | 15 50 | 2 56 | 17 54 | 5 27 |
| T 8 | 22 26 | 19 45 | 3 38 | 16 50 | 2 38 | 20 9 | 1 29 | 22 36 | 1 1 | 20 22 | 0 49 | 18 13 | 2 7 | 2 50 | 0 47 | 7 4 | 0 50 | 21 3 | 0 20 | 16 13 | 15 51 | 2 58 | 17 54 | 5 28 |
| F 9 | 22 19 | 19 56 | 2 39 | 16 36 | 2 53 | 19 51 | 1 30 | 22 30 | 1 1 | 20 24 | 0 49 | 18 13 | 2 7 | 2 50 | 0 47 | 7 4 | 0 50 | 21 3 | 0 20 | 16 14 | 15 52 | 3 0 | 17 54 | 5 28 |
| S 10 | 22 11 | 18 59 | 1 32 | 16 24 | 3 8 | 19 33 | 1 31 | 22 23 | 1 1 | 20 26 | 0 49 | 18 12 | 2 7 | 2 50 | 0 47 | 7 3 | 0 50 | 21 3 | 0 21 | 16 15 | 15 52 | 3 3 | 17 54 | 5 28 |
| S 11 | 22 4 | 17 1 | 0 22 | 16 13 | 3 23 | 19 14 | 1 32 | 22 17 | 1 1 | 20 28 | 0 49 | 18 12 | 2 7 | 2 50 | 0 47 | 7 3 | 0 50 | 21 3 | 0 21 | 16 15 | 15 53 | 3 5 | 17 53 | 5 28 |
| M12 | 21 55 | 14 15 | 0s48 | 16 3 | 3 38 | 18 55 | 1 33 | 22 10 | 1 2 | 20 30 | 0 49 | 18 12 | 2 6 | 2 51 | 0 47 | 7 2 | 0 50 | 21 2 | 0 21 | 16 15 | 15 54 | 3 7 | 17 53 | 5 28 |
| T 13 | 21 47 | 10 54 | 1 54 | 15 56 | 3 51 | 18 35 | 1 33 | 22 3 | 1 2 | 20 32 | 0 49 | 18 12 | 2 6 | 2 51 | 0 48 | 7 1 | 0 50 | 21 2 | 0 21 | 16 15 | 15 55 | 3 9 | 17 53 | 5 29 |
| W14 | 21 38 | 7 9 | 2 54 | 15 49 | 4 4 | 18 15 | 1 34 | 21 56 | 1 2 | 20 34 | 0 49 | 18 11 | 2 6 | 2 51 | 0 48 | 7 1 | 0 50 | 21 2 | 0 21 | 16 14 | 15 56 | 3 11 | 17 53 | 5 29 |
| T 15 | 21 29 | 3 10 | 3 45 | 15 44 | 4 16 | 17 55 | 1 34 | 21 49 | 1 2 | 20 36 | 0 49 | 18 11 | 2 6 | 2 51 | 0 48 | 7 0 | 0 49 | 21 2 | 0 21 | 16 14 | 15 57 | 3 13 | 17 53 | 5 29 |
| F 16 | 21 19 | 0n53 | 4 26 | 15 41 | 4 26 | 17 33 | 1 35 | 21 42 | 1 3 | 20 38 | 0 49 | 18 11 | 2 5 | 2 52 | 0 48 | 7 0 | 0 49 | 21 1 | 0 21 | 16 13 | 15 58 | 3 15 | 17 53 | 5 29 |
| S 17 | 21 9 | 4 53 | 4 55 | 15 39 | 4 35 | 17 12 | 1 35 | 21 34 | 1 3 | 20 40 | 0 49 | 18 11 | 2 5 | 2 52 | 0 48 | 6 59 | 0 49 | 21 1 | 0 21 | 16 13 | 15 59 | 3 18 | 17 52 | 5 30 |
| S 18 | 20 59 | 8 42 | 5 11 | 15 39 | 4 43 | 16 50 | 1 35 | 21 27 | 1 3 | 20 42 | 0 49 | 18 11 | 2 5 | 2 53 | 0 48 | 6 58 | 0 49 | 21 1 | 0 21 | 16 13 | 16 0 | 3 20 | 17 52 | 5 30 |
| M19 | 20 48 | 12 13 | 5 15 | 15 41 | 4 50 | 16 27 | 1 35 | 21 19 | 1 3 | 20 44 | 0 49 | 18 11 | 2 5 | 2 53 | 0 48 | 6 58 | 0 49 | 21 1 | 0 21 | 16 14 | 16 1 | 3 22 | 17 52 | 5 30 |
| T 20 | 20 37 | 15 16 | 5 4 | 15 43 | 4 54 | 16 4 | 1 36 | 21 11 | 1 3 | 20 46 | 0 49 | 18 11 | 2 4 | 2 53 | 0 48 | 6 57 | 0 49 | 21 0 | 0 21 | 16 14 | 16 2 | 3 24 | 17 52 | 5 30 |
| W21 | 20 26 | 17 42 | 4 39 | 15 48 | 4 58 | 15 41 | 1 36 | 21 3 | 1 4 | 20 47 | 0 49 | 18 11 | 2 4 | 2 54 | 0 48 | 6 57 | 0 49 | 21 0 | 0 21 | 16 15 | 16 3 | 3 26 | 17 52 | 5 31 |
| T 22 | 20 14 | 19 20 | 3 59 | 15 53 | 4 59 | 15 17 | 1 36 | 20 54 | 1 4 | 20 49 | 0 49 | 18 11 | 2 4 | 2 54 | 0 48 | 6 56 | 0 49 | 21 0 | 0 21 | 16 16 | 16 4 | 3 28 | 17 51 | 5 31 |
| F 23 | 20 2 | 19 59 | 3 7 | 16 0 | 4 59 | 14 52 | 1 36 | 20 46 | 1 4 | 20 51 | 0 49 | 18 11 | 2 4 | 2 55 | 0 48 | 6 55 | 0 49 | 21 0 | 0 21 | 16 16 | 16 5 | 3 30 | 17 51 | 5 31 |
| S 24 | 19 50 | 19 31 | 2 2 | 16 8 | 4 57 | 14 28 | 1 35 | 20 37 | 1 4 | 20 53 | 0 49 | 18 11 | 2 4 | 2 55 | 0 48 | 6 55 | 0 49 | 20 59 | 0 21 | 16 17 | 16 6 | 3 32 | 17 51 | 5 32 |
| S 25 | 19 37 | 17 55 | 0 50 | 16 17 | 4 53 | 14 3 | 1 35 | 20 29 | 1 4 | 20 54 | 0 49 | 18 11 | 2 3 | 2 56 | 0 48 | 6 54 | 0 49 | 20 59 | 0 21 | 16 17 | 16 7 | 3 35 | 17 51 | 5 32 |
| M26 | 19 24 | 15 14 | 0n27 | 16 27 | 4 48 | 13 37 | 1 35 | 20 20 | 1 5 | 20 56 | 0 49 | 18 11 | 2 3 | 2 56 | 0 48 | 6 53 | 0 49 | 20 59 | 0 22 | 16 17 | 16 8 | 3 37 | 17 50 | 5 32 |
| T 27 | 19 11 | 11 36 | 1 43 | 16 37 | 4 42 | 13 12 | 1 35 | 20 11 | 1 5 | 20 58 | 0 49 | 18 11 | 2 3 | 2 57 | 0 48 | 6 53 | 0 49 | 20 59 | 0 22 | 16 17 | 16 9 | 3 39 | 17 50 | 5 32 |
| W28 | 18 57 | 7 16 | 2 54 | 16 48 | 4 34 | 12 46 | 1 34 | 20 2 | 1 5 | 20 59 | 0 49 | 18 11 | 2 3 | 2 57 | 0 48 | 6 52 | 0 49 | 20 58 | 0 22 | 16 17 | 16 9 | 3 41 | 17 50 | 5 33 |
| T 29 | 18 43 | 2 31 | 3 54 | 17 0 | 4 24 | 12 19 | 1 34 | 19 52 | 1 5 | 21 1 | 0 49 | 18 11 | 2 2 | 2 58 | 0 48 | 6 51 | 0 49 | 20 58 | 0 22 | 16 16 | 16 10 | 3 43 | 17 50 | 5 33 |
| F 30 | 18 29 | 2s22 | 4 40 | 17 12 | 4 14 | 11 53 | 1 33 | 19 43 | 1 5 | 21 2 | 0 50 | 18 11 | 2 2 | 2 58 | 0 48 | 6 50 | 0 49 | 20 58 | 0 22 | 16 16 | 16 11 | 3 45 | 17 49 | 5 33 |
| S 31 | 18n14 | 7s 6 | 5n 8 | 17n24 | 4s 2 | 11n26 | 1n32 | 19n33 | 1n 5 | 21n 4 | 0s50 | 18s11 | 2n 2 | 2s59 | 0s48 | 6n50 | 0n49 | 20n58 | 0n22 | 16n16 | 16n12 | 3n48 | 17n49 | 5s34 |

Julian Day Number = 2607684.5, Delta T = 09m59s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'02, Lahiri = 29°50'03


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## AUGUST 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 38 2 | 8♌53'52 | 15♏32 | 23♋20 | 5♍17 | 7♌34 | 10♊ 4 | 0°R20 | 24°R19 | 14♍35 | 27♋34 | 15°R 6 | 15♌16 | 21♈ 1 | 29♊17 | S 1 |
| M 2 | 20 41 59 | 9°51'12 | 29°35 | 23°28 | 6°30 | 8°13 | 10°14 | 0♐20 | 24♓17 | 14°37 | 27°36 | 15♌ 6 | 15°13 | 21° 8 | 29°21 | M 2 |
| T 3 | 20 45 55 | 10°48'32 | 13♐28 | 23°42 | 7°42 | 8°52 | 10°24 | 0°20 | 24°16 | 14°39 | 27°37 | 15° 5 | 15° 9 | 21°15 | 29°26 | T 3 |
| W 4 | 20 49 52 | 11°45'52 | 27° 9 | 24° 2 | 8°55 | 9°30 | 10°34 | 0°D20 | 24°14 | 14°41 | 27°39 | 15° 5 | 15° 6 | 21°21 | 29°30 | W 4 |
| T 5 | 20 53 49 | 12°43'13 | 10♑38 | 24°28 | 10° 8 | 10° 9 | 10°44 | 0°20 | 24°13 | 14°42 | 27°40 | 15° 5 | 15° 3 | 21°28 | 29°34 | T 5 |
| F 6 | 20 57 45 | 13°40'34 | 23°53 | 25° 0 | 11°20 | 10°48 | 10°54 | 0°20 | 24°11 | 14°44 | 27°42 | 15° 4 | 15° 0 | 21°35 | 29°39 | F 6 |
| S 7 | 21 1 42 | 14°37'56 | 6♒54 | 25°38 | 12°33 | 11°26 | 11° 4 | 0°20 | 24°10 | 14°46 | 27°43 | 15° 4 | 14°57 | 21°41 | 29°43 | S 7 |
| S 8 | 21 5 38 | 15°35'19 | 19°40 | 26°23 | 13°45 | 12° 5 | 11°13 | 0°21 | 24° 8 | 14°48 | 27°45 | 15° 4 | 14°54 | 21°48 | 29°47 | S 8 |
| M 9 | 21 9 35 | 16°32'42 | 2♓13 | 27°13 | 14°58 | 12°44 | 11°23 | 0°21 | 24° 6 | 14°50 | 27°46 | 15° 4 | 14°50 | 21°55 | 29°51 | M 9 |
| T 10 | 21 13 31 | 17°30'07 | 14°33 | 28° 9 | 16°10 | 13°22 | 11°32 | 0°22 | 24° 4 | 14°52 | 27°48 | 15° 4 | 14°47 | 22° 2 | 29°55 | T 10 |
| W11 | 21 17 28 | 18°27'32 | 26°41 | 29°11 | 17°23 | 14° 1 | 11°41 | 0°22 | 24° 3 | 14°54 | 27°49 | 15° 4 | 14°44 | 22° 8 | 29°59 | W11 |
| T 12 | 21 21 24 | 19°24'59 | 8♈41 | 0♌19 | 18°35 | 14°39 | 11°51 | 0°23 | 24° 1 | 14°56 | 27°51 | 15° 3 | 14°41 | 22°15 | 0♋ 3 | T 12 |
| F 13 | 21 25 21 | 20°22'26 | 20°35 | 1°32 | 19°48 | 15°18 | 12° 0 | 0°24 | 23°59 | 14°58 | 27°52 | 15° 3 | 14°38 | 22°22 | 0° 7 | F 13 |
| S 14 | 21 29 18 | 21°19'55 | 2♉27 | 2°51 | 21° 0 | 15°57 | 12° 9 | 0°25 | 23°57 | 15° 1 | 27°54 | 15° 2 | 14°34 | 22°28 | 0°11 | S 14 |
| S 15 | 21 33 14 | 22°17'25 | 14°22 | 4°14 | 22°12 | 16°35 | 12°17 | 0°26 | 23°55 | 15° 3 | 27°55 | 15° 2 | 14°31 | 22°35 | 0°15 | S 15 |
| M16 | 21 37 11 | 23°14'57 | 26°23 | 5°43 | 23°25 | 17°14 | 12°26 | 0°27 | 23°53 | 15° 5 | 27°57 | 15°D 2 | 14°28 | 22°42 | 0°19 | M16 |
| T 17 | 21 41 7 | 24°12'29 | 8♊35 | 7°16 | 24°37 | 17°52 | 12°35 | 0°28 | 23°51 | 15° 7 | 27°58 | 15° 2 | 14°25 | 22°48 | 0°22 | T 17 |
| W18 | 21 45 4 | 25°10'03 | 21° 3 | 8°54 | 25°49 | 18°31 | 12°43 | 0°29 | 23°49 | 15° 9 | 28° 0 | 15° 3 | 14°22 | 22°55 | 0°26 | W18 |
| T 19 | 21 49 0 | 26° 7'39 | 3♋50 | 10°35 | 27° 2 | 19° 9 | 12°51 | 0°31 | 23°47 | 15°11 | 28° 1 | 15° 4 | 14°19 | 23° 2 | 0°30 | T 19 |
| F 20 | 21 52 57 | 27° 5'16 | 16°59 | 12°20 | 28°14 | 19°48 | 12°59 | 0°32 | 23°45 | 15°13 | 28° 2 | 15° 5 | 14°15 | 23° 9 | 0°33 | F 20 |
| S 21 | 21 56 53 | 28° 2'54 | 0♌32 | 14° 9 | 29°26 | 20°26 | 13° 7 | 0°34 | 23°43 | 15°15 | 28° 4 | 15° 5 | 14°12 | 23°15 | 0°37 | S 21 |
| S 22 | 22 0 50 | 29° 0'34 | 14°29 | 16° 0 | 0♎38 | 21° 4 | 13°15 | 0°36 | 23°41 | 15°17 | 28° 5 | 15°R 6 | 14° 9 | 23°22 | 0°40 | S 22 |
| M23 | 22 4 47 | 29°58'14 | 28°46 | 17°54 | 1°50 | 21°43 | 13°23 | 0°37 | 23°39 | 15°20 | 28° 7 | 15° 5 | 14° 6 | 23°29 | 0°44 | M23 |
| T 24 | 22 8 43 | 0♍55'56 | 13♍20 | 19°50 | 3° 2 | 22°21 | 13°30 | 0°39 | 23°37 | 15°22 | 28° 8 | 15° 4 | 14° 3 | 23°35 | 0°47 | T 24 |
| W25 | 22 12 40 | 1°53'39 | 28° 3 | 21°47 | 4°14 | 23° 0 | 13°38 | 0°41 | 23°35 | 15°24 | 28° 9 | 15° 3 | 14° 0 | 23°42 | 0°51 | W25 |
| T 26 | 22 16 36 | 2°51'24 | 12♎50 | 23°46 | 5°26 | 23°38 | 13°45 | 0°43 | 23°33 | 15°26 | 28°11 | 15° 0 | 13°56 | 23°49 | 0°54 | T 26 |
| F 27 | 22 20 33 | 3°49'09 | 27°32 | 25°46 | 6°38 | 24°16 | 13°52 | 0°46 | 23°30 | 15°28 | 28°12 | 14°58 | 13°53 | 23°56 | 0°57 | F 27 |
| S 28 | 22 24 29 | 4°46'56 | 12♏ 4 | 27°46 | 7°50 | 24°55 | 13°59 | 0°48 | 23°28 | 15°30 | 28°13 | 14°56 | 13°50 | 24° 2 | 1° 0 | S 28 |
| S 29 | 22 28 26 | 5°44'43 | 26°21 | 29°47 | 9° 2 | 25°33 | 14° 6 | 0°50 | 23°26 | 15°33 | 28°15 | 14°55 | 13°47 | 24° 9 | 1° 3 | S 29 |
| M30 | 22 32 22 | 6°42'32 | 10♐21 | 1♍47 | 10°14 | 26°11 | 14°13 | 0°53 | 23°24 | 15°35 | 28°16 | 14°D55 | 13°44 | 24°16 | 1° 6 | M30 |
| T 31 | 22 36 19 | 7♍40'22 | 24♐ 3 | 3♍48 | 11♎26 | 26♌49 | 14♊19 | 0♐55 | 23♓21 | 15♍37 | 28♋17 | 14♌56 | 13♌40 | 24♈22 | 1♋ 9 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n59 | 11s23 | 5n17 | 17n36 | 3s50 | 10n58 | 1n32 | 19n24 | 1n 6 | 21n 5 | 0s50 | 18s11 | 2n 2 | 2s59 | 0s48 | 6n49 | 0n49 | 20n57 | 0n22 | 16n16 | 16n13 | 3n50 | 17n49 | 5s34 |
| M 2 | 17 44 | 15 1 | 5 7 | 17 48 | 3 36 | 10 31 | 1 31 | 19 14 | 1 6 | 21 7 | 0 50 | 18 12 | 2 1 | 3 0 | 0 48 | 6 48 | 0 49 | 20 57 | 0 22 | 16 16 | 16 14 | 3 52 | 17 48 | 5 34 |
| T 3 | 17 29 | 17 45 | 4 39 | 17 59 | 3 22 | 10 3 | 1 30 | 19 4 | 1 6 | 21 8 | 0 50 | 18 12 | 2 1 | 3 1 | 0 48 | 6 47 | 0 49 | 20 57 | 0 22 | 16 16 | 16 15 | 3 54 | 17 48 | 5 35 |
| W 4 | 17 13 | 19 26 | 3 56 | 18 10 | 3 8 | 9 35 | 1 29 | 18 54 | 1 6 | 21 9 | 0 50 | 18 12 | 2 1 | 3 1 | 0 48 | 6 47 | 0 49 | 20 57 | 0 22 | 16 16 | 16 16 | 3 56 | 17 48 | 5 35 |
| T 5 | 16 57 | 19 58 | 3 0 | 18 20 | 2 53 | 9 6 | 1 28 | 18 43 | 1 6 | 21 11 | 0 50 | 18 12 | 2 1 | 3 2 | 0 48 | 6 46 | 0 49 | 20 56 | 0 22 | 16 16 | 16 17 | 3 58 | 17 47 | 5 35 |
| F 6 | 16 41 | 19 23 | 1 55 | 18 30 | 2 37 | 8 38 | 1 27 | 18 33 | 1 6 | 21 12 | 0 50 | 18 13 | 2 0 | 3 3 | 0 48 | 6 45 | 0 49 | 20 56 | 0 22 | 16 17 | 16 18 | 4 0 | 17 47 | 5 36 |
| S 7 | 16 24 | 17 46 | 0 45 | 18 38 | 2 22 | 8 9 | 1 25 | 18 23 | 1 7 | 21 13 | 0 50 | 18 13 | 2 0 | 3 3 | 0 48 | 6 44 | 0 49 | 20 56 | 0 22 | 16 17 | 16 19 | 4 3 | 17 47 | 5 36 |
| S 8 | 16 7 | 15 17 | 0s25 | 18 46 | 2 6 | 7 40 | 1 24 | 18 12 | 1 7 | 21 15 | 0 50 | 18 13 | 2 0 | 3 4 | 0 48 | 6 44 | 0 49 | 20 56 | 0 22 | 16 17 | 16 20 | 4 5 | 17 46 | 5 37 |
| M 9 | 15 50 | 12 7 | 1 34 | 18 52 | 1 50 | 7 11 | 1 23 | 18 1 | 1 7 | 21 16 | 0 50 | 18 14 | 2 0 | 3 5 | 0 48 | 6 43 | 0 49 | 20 55 | 0 22 | 16 17 | 16 21 | 4 7 | 17 46 | 5 37 |
| T 10 | 15 33 | 8 28 | 2 36 | 18 56 | 1 35 | 6 42 | 1 21 | 17 50 | 1 7 | 21 17 | 0 50 | 18 14 | 1 59 | 3 5 | 0 48 | 6 42 | 0 49 | 20 55 | 0 22 | 16 17 | 16 22 | 4 9 | 17 46 | 5 37 |
| W11 | 15 16 | 4 32 | 3 31 | 18 59 | 1 19 | 6 12 | 1 20 | 17 39 | 1 7 | 21 18 | 0 50 | 18 14 | 1 59 | 3 6 | 0 48 | 6 41 | 0 49 | 20 55 | 0 23 | 16 17 | 16 23 | 4 11 | 17 45 | 5 38 |
| T 12 | 14 58 | 0 29 | 4 15 | 19 0 | 1 4 | 5 42 | 1 18 | 17 28 | 1 7 | 21 20 | 0 50 | 18 15 | 1 59 | 3 7 | 0 48 | 6 41 | 0 49 | 20 55 | 0 23 | 16 17 | 16 23 | 4 13 | 17 45 | 5 38 |
| F 13 | 14 40 | 3n34 | 4 48 | 18 59 | 0 48 | 5 12 | 1 17 | 17 17 | 1 7 | 21 21 | 0 50 | 18 15 | 1 59 | 3 8 | 0 48 | 6 40 | 0 49 | 20 54 | 0 23 | 16 17 | 16 24 | 4 15 | 17 44 | 5 38 |
| S 14 | 14 21 | 7 27 | 5 9 | 18 56 | 0 34 | 4 42 | 1 15 | 17 6 | 1 8 | 21 22 | 0 50 | 18 16 | 1 58 | 3 8 | 0 48 | 6 39 | 0 49 | 20 54 | 0 23 | 16 17 | 16 25 | 4 18 | 17 44 | 5 39 |
| S 15 | 14 3 | 11 4 | 5 17 | 18 50 | 0 19 | 4 12 | 1 13 | 16 54 | 1 8 | 21 23 | 0 50 | 18 16 | 1 58 | 3 9 | 0 48 | 6 38 | 0 49 | 20 54 | 0 23 | 16 17 | 16 26 | 4 20 | 17 44 | 5 39 |
| M16 | 13 44 | 14 16 | 5 11 | 18 42 | 0 6 | 3 42 | 1 11 | 16 43 | 1 8 | 21 24 | 0 50 | 18 16 | 1 58 | 3 10 | 0 49 | 6 37 | 0 49 | 20 54 | 0 23 | 16 17 | 16 27 | 4 22 | 17 43 | 5 40 |
| T 17 | 13 25 | 16 54 | 4 51 | 18 32 | 0n 7 | 3 12 | 1 9 | 16 31 | 1 8 | 21 25 | 0 50 | 18 17 | 1 58 | 3 11 | 0 49 | 6 37 | 0 49 | 20 54 | 0 23 | 16 17 | 16 28 | 4 24 | 17 43 | 5 40 |
| W18 | 13 6 | 18 49 | 4 16 | 18 19 | 0 20 | 2 41 | 1 7 | 16 19 | 1 8 | 21 26 | 0 50 | 18 17 | 1 57 | 3 11 | 0 49 | 6 36 | 0 49 | 20 53 | 0 23 | 16 17 | 16 29 | 4 26 | 17 42 | 5 41 |
| T 19 | 12 47 | 19 51 | 3 29 | 18 3 | 0 32 | 2 11 | 1 5 | 16 8 | 1 8 | 21 27 | 0 51 | 18 18 | 1 57 | 3 12 | 0 49 | 6 35 | 0 49 | 20 53 | 0 23 | 16 17 | 16 30 | 4 28 | 17 42 | 5 41 |
| F 20 | 12 27 | 19 50 | 2 29 | 17 44 | 0 42 | 1 40 | 1 3 | 15 56 | 1 8 | 21 28 | 0 51 | 18 19 | 1 57 | 3 13 | 0 49 | 6 34 | 0 49 | 20 53 | 0 23 | 16 16 | 16 31 | 4 30 | 17 41 | 5 41 |
| S 21 | 12 7 | 18 41 | 1 20 | 17 23 | 0 53 | 1 10 | 1 1 | 15 44 | 1 8 | 21 29 | 0 51 | 18 19 | 1 57 | 3 14 | 0 49 | 6 33 | 0 49 | 20 53 | 0 23 | 16 16 | 16 32 | 4 33 | 17 41 | 5 42 |
| S 22 | 11 47 | 16 24 | 0 3 | 16 59 | 1 2 | 0 39 | 0 59 | 15 31 | 1 9 | 21 30 | 0 51 | 18 20 | 1 56 | 3 15 | 0 49 | 6 32 | 0 49 | 20 52 | 0 23 | 16 16 | 16 33 | 4 35 | 17 41 | 5 42 |
| M23 | 11 27 | 13 3 | 1n15 | 16 33 | 1 10 | 0 8 | 0 56 | 15 19 | 1 9 | 21 31 | 0 51 | 18 20 | 1 56 | 3 16 | 0 49 | 6 32 | 0 49 | 20 52 | 0 23 | 16 16 | 16 34 | 4 37 | 17 40 | 5 43 |
| T 24 | 11 7 | 8 51 | 2 30 | 16 4 | 1 18 | 0s23 | 0 54 | 15 7 | 1 9 | 21 32 | 0 51 | 18 21 | 1 56 | 3 16 | 0 49 | 6 31 | 0 49 | 20 52 | 0 23 | 16 17 | 16 34 | 4 39 | 17 40 | 5 43 |
| W25 | 10 47 | 4 4 | 3 35 | 15 32 | 1 24 | 0 53 | 0 52 | 14 54 | 1 9 | 21 32 | 0 51 | 18 22 | 1 56 | 3 17 | 0 49 | 6 30 | 0 49 | 20 52 | 0 23 | 16 17 | 16 35 | 4 41 | 17 39 | 5 44 |
| T 26 | 10 26 | 0s57 | 4 27 | 14 59 | 1 30 | 1 24 | 0 49 | 14 42 | 1 9 | 21 33 | 0 51 | 18 22 | 1 55 | 3 18 | 0 49 | 6 29 | 0 49 | 20 52 | 0 24 | 16 18 | 16 36 | 4 43 | 17 39 | 5 44 |
| F 27 | 10 5 | 5 53 | 5 1 | 14 23 | 1 35 | 1 55 | 0 47 | 14 29 | 1 9 | 21 34 | 0 51 | 18 23 | 1 55 | 3 19 | 0 49 | 6 28 | 0 49 | 20 51 | 0 24 | 16 18 | 16 37 | 4 46 | 17 38 | 5 45 |
| S 28 | 9 44 | 10 25 | 5 15 | 13 46 | 1 38 | 2 26 | 0 44 | 14 16 | 1 9 | 21 35 | 0 51 | 18 24 | 1 55 | 3 20 | 0 49 | 6 27 | 0 49 | 20 51 | 0 24 | 16 19 | 16 38 | 4 48 | 17 38 | 5 45 |
| S 29 | 9 23 | 14 17 | 5 9 | 13 6 | 1 42 | 2 57 | 0 41 | 14 4 | 1 9 | 21 35 | 0 51 | 18 24 | 1 55 | 3 21 | 0 49 | 6 27 | 0 49 | 20 51 | 0 24 | 16 19 | 16 39 | 4 50 | 17 37 | 5 45 |
| M30 | 9 2 | 17 15 | 4 45 | 12 26 | 1 44 | 3 27 | 0 38 | 13 51 | 1 9 | 21 36 | 0 51 | 18 25 | 1 54 | 3 22 | 0 49 | 6 26 | 0 49 | 20 51 | 0 24 | 16 19 | 16 40 | 4 52 | 17 37 | 5 46 |
| T 31 | 8n40 | 19s10 | 4n 5 | 11n43 | 1n45 | 3s58 | 0n36 | 13n38 | 1n 9 | 21n37 | 0s51 | 18s26 | 1n54 | 3s23 | 0s49 | 6n25 | 0n49 | 20n51 | 0n24 | 16n19 | 16n41 | 4n54 | 17n36 | 5s46 |

Julian Day Number = 2607715.5, Delta T = 09m59s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'06, Lahiri = 29°50'07


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## SEPTEMBER 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 40 15 | 8♍38'13 | 7♉27 | 5♍48 | 12♎38 | 27♌28 | 14♊26 | 0♐58 | 23°R19 | 15♍39 | 28♋19 | 14♌57 | 13♌37 | 24♈29 | 1♋12 | W 1 |
| T 2 | 22 44 12 | 9°36'05 | 20°34 | 7°47 | 13°49 | 28° 6 | 14°32 | 1° 0 | 23♓17 | 15°41 | 28°20 | 14°59 | 13°34 | 24°36 | 1°15 | T 2 |
| F 3 | 22 48 9 | 10°33'59 | 3♒27 | 9°46 | 15° 1 | 28°44 | 14°38 | 1° 3 | 23°14 | 15°44 | 28°21 | 15° 0 | 13°31 | 24°43 | 1°18 | F 3 |
| S 4 | 22 52 5 | 11°31'53 | 16° 7 | 11°44 | 16°13 | 29°22 | 14°44 | 1° 6 | 23°12 | 15°46 | 28°22 | 15°R 0 | 13°28 | 24°49 | 1°20 | S 4 |
| S 5 | 22 56 2 | 12°29'50 | 28°35 | 13°40 | 17°24 | 0♍ 1 | 14°49 | 1° 9 | 23°10 | 15°48 | 28°24 | 15° 0 | 13°25 | 24°56 | 1°23 | S 5 |
| M 6 | 22 59 58 | 13°27'47 | 10♓53 | 15°36 | 18°36 | 0°39 | 14°55 | 1°12 | 23° 7 | 15°50 | 28°25 | 14°57 | 13°21 | 25° 3 | 1°26 | M 6 |
| T 7 | 23 3 55 | 14°25'46 | 23° 3 | 17°31 | 19°47 | 1°17 | 15° 0 | 1°15 | 23° 5 | 15°53 | 28°26 | 14°54 | 13°18 | 25° 9 | 1°28 | T 7 |
| W 8 | 23 7 51 | 15°23'47 | 5♈ 5 | 19°24 | 20°59 | 1°55 | 15° 6 | 1°19 | 23° 3 | 15°55 | 28°27 | 14°49 | 13°15 | 25°16 | 1°31 | W 8 |
| T 9 | 23 11 48 | 16°21'50 | 17° 1 | 21°17 | 22°10 | 2°33 | 15°11 | 1°22 | 23° 0 | 15°57 | 28°28 | 14°44 | 13°12 | 25°23 | 1°33 | T 9 |
| F 10 | 23 15 44 | 17°19'54 | 28°53 | 23° 8 | 23°22 | 3°12 | 15°15 | 1°25 | 22°58 | 15°59 | 28°29 | 14°38 | 13° 9 | 25°30 | 1°35 | F 10 |
| S 11 | 23 19 41 | 18°18'00 | 10♉45 | 24°58 | 24°33 | 3°50 | 15°20 | 1°29 | 22°56 | 16° 1 | 28°30 | 14°33 | 13° 5 | 25°36 | 1°38 | S 11 |
| S 12 | 23 23 38 | 19°16'08 | 22°39 | 26°46 | 25°44 | 4°28 | 15°25 | 1°32 | 22°53 | 16° 4 | 28°32 | 14°28 | 13° 2 | 25°43 | 1°40 | S 12 |
| M13 | 23 27 34 | 20°14'18 | 4♊38 | 28°34 | 26°56 | 5° 6 | 15°29 | 1°36 | 22°51 | 16° 6 | 28°33 | 14°25 | 12°59 | 25°50 | 1°42 | M13 |
| T 14 | 23 31 31 | 21°12'30 | 16°47 | 0♎20 | 28° 7 | 5°44 | 15°33 | 1°40 | 22°48 | 16° 8 | 28°34 | 14°D24 | 12°56 | 25°56 | 1°44 | T 14 |
| W15 | 23 35 27 | 22°10'44 | 29°11 | 2° 5 | 29°18 | 6°22 | 15°37 | 1°43 | 22°46 | 16°10 | 28°35 | 14°24 | 12°53 | 26° 3 | 1°46 | W15 |
| T 16 | 23 39 24 | 23° 9'00 | 11♋55 | 3°49 | 0♏29 | 7° 0 | 15°41 | 1°47 | 22°44 | 16°13 | 28°36 | 14°25 | 12°50 | 26°10 | 1°48 | T 16 |
| F 17 | 23 43 20 | 24° 7'18 | 25° 1 | 5°32 | 1°40 | 7°38 | 15°45 | 1°51 | 22°41 | 16°15 | 28°37 | 14°27 | 12°46 | 26°17 | 1°50 | F 17 |
| S 18 | 23 47 17 | 25° 5'38 | 8♌33 | 7°14 | 2°51 | 8°16 | 15°48 | 1°55 | 22°39 | 16°17 | 28°38 | 14°R28 | 12°43 | 26°23 | 1°51 | S 18 |
| S 19 | 23 51 13 | 26° 4'00 | 22°34 | 8°54 | 4° 2 | 8°54 | 15°51 | 1°59 | 22°36 | 16°19 | 28°39 | 14°28 | 12°40 | 26°30 | 1°53 | S 19 |
| M20 | 23 55 10 | 27° 2'24 | 7♍ 0 | 10°33 | 5°13 | 9°32 | 15°54 | 2° 4 | 22°34 | 16°21 | 28°40 | 14°26 | 12°37 | 26°37 | 1°55 | M20 |
| T 21 | 23 59 7 | 28° 0'49 | 21°49 | 12°12 | 6°24 | 10°10 | 15°57 | 2° 8 | 22°32 | 16°24 | 28°41 | 14°22 | 12°34 | 26°44 | 1°56 | T 21 |
| W22 | 0 3 3 | 28°59'17 | 6♎53 | 13°49 | 7°35 | 10°49 | 16° 0 | 2°12 | 22°29 | 16°26 | 28°42 | 14°16 | 12°31 | 26°50 | 1°58 | W22 |
| T 23 | 0 7 0 | 29°57'46 | 22° 3 | 15°25 | 8°45 | 11°27 | 16° 2 | 2°17 | 22°27 | 16°28 | 28°42 | 14°10 | 12°27 | 26°57 | 1°59 | T 23 |
| F 24 | 0 10 56 | 0♎56'18 | 7♏ 8 | 17° 0 | 9°56 | 12° 5 | 16° 5 | 2°21 | 22°25 | 16°30 | 28°43 | 14° 3 | 12°24 | 27° 4 | 2° 0 | F 24 |
| S 25 | 0 14 53 | 1°54'51 | 21°59 | 18°34 | 11° 7 | 12°43 | 16° 7 | 2°26 | 22°22 | 16°32 | 28°44 | 13°57 | 12°21 | 27°10 | 2° 2 | S 25 |
| S 26 | 0 18 49 | 2°53'25 | 6♐30 | 20° 7 | 12°17 | 13°21 | 16° 9 | 2°30 | 22°20 | 16°34 | 28°45 | 13°52 | 12°18 | 27°17 | 2° 3 | S 26 |
| M27 | 0 22 46 | 3°52'02 | 20°36 | 21°39 | 13°28 | 13°58 | 16°10 | 2°35 | 22°18 | 16°37 | 28°46 | 13°49 | 12°15 | 27°24 | 2° 4 | M27 |
| T 28 | 0 26 42 | 4°50'40 | 4♉17 | 23°10 | 14°38 | 14°36 | 16°12 | 2°40 | 22°15 | 16°39 | 28°46 | 13°D48 | 12°11 | 27°31 | 2° 5 | T 28 |
| W29 | 0 30 39 | 5°49'19 | 17°34 | 24°40 | 15°49 | 15°14 | 16°13 | 2°45 | 22°13 | 16°41 | 28°47 | 13°49 | 12° 8 | 27°37 | 2° 6 | W29 |
| T 30 | 0 34 35 | 6♎48'00 | 0♒30 | 26♎ 9 | 16♏59 | 15♍52 | 16♊14 | 2♐50 | 22♓11 | 16♍43 | 28♋48 | 13♌50 | 12♌ 5 | 27♈44 | 2♋ 7 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n19 | 19s59 | 3n12 | 11n 0 | 1n46 | 4s28 | 0n33 | 13n25 | 1n10 | 21n38 | 0s51 | 18s27 | 1n54 | 3s24 | 0s49 | 6n24 | 0n49 | 20n50 | 0n24 | 16n19 | 16n42 | 4n56 | 17n36 | 5s47 |
| T 2 | 7 57 | 19 40 | 2 10 | 10 16 | 1 46 | 4 59 | 0 30 | 13 12 | 1 10 | 21 38 | 0 51 | 18 27 | 1 54 | 3 25 | 0 49 | 6 23 | 0 49 | 20 50 | 0 24 | 16 18 | 16 43 | 4 58 | 17 35 | 5 47 |
| F 3 | 7 35 | 18 19 | 1 3 | 9 31 | 1 45 | 5 29 | 0 27 | 12 58 | 1 10 | 21 39 | 0 51 | 18 28 | 1 54 | 3 25 | 0 49 | 6 22 | 0 49 | 20 50 | 0 24 | 16 18 | 16 44 | 5 1 | 17 35 | 5 48 |
| S 4 | 7 13 | 16 4 | 0s 6 | 8 45 | 1 44 | 6 0 | 0 24 | 12 45 | 1 10 | 21 39 | 0 52 | 18 29 | 1 53 | 3 26 | 0 49 | 6 22 | 0 49 | 20 50 | 0 24 | 16 18 | 16 44 | 5 3 | 17 34 | 5 48 |
| S 5 | 6 51 | 13 6 | 1 14 | 7 58 | 1 42 | 6 30 | 0 21 | 12 32 | 1 10 | 21 40 | 0 52 | 18 30 | 1 53 | 3 27 | 0 49 | 6 21 | 0 49 | 20 50 | 0 24 | 16 18 | 16 45 | 5 5 | 17 34 | 5 49 |
| M 6 | 6 29 | 9 35 | 2 17 | 7 11 | 1 39 | 7 0 | 0 18 | 12 18 | 1 10 | 21 41 | 0 52 | 18 31 | 1 53 | 3 28 | 0 49 | 6 20 | 0 49 | 20 50 | 0 24 | 16 19 | 16 46 | 5 7 | 17 33 | 5 49 |
| T 7 | 6 7 | 5 43 | 3 13 | 6 24 | 1 36 | 7 30 | 0 15 | 12 5 | 1 10 | 21 41 | 0 52 | 18 31 | 1 53 | 3 29 | 0 49 | 6 19 | 0 49 | 20 49 | 0 24 | 16 20 | 16 47 | 5 9 | 17 33 | 5 50 |
| W 8 | 5 45 | 1 40 | 4 0 | 5 36 | 1 33 | 8 0 | 0 11 | 11 51 | 1 10 | 21 42 | 0 52 | 18 32 | 1 52 | 3 30 | 0 49 | 6 18 | 0 49 | 20 49 | 0 24 | 16 21 | 16 48 | 5 11 | 17 32 | 5 50 |
| T 9 | 5 22 | 2n25 | 4 36 | 4 49 | 1 29 | 8 29 | 0 8 | 11 38 | 1 10 | 21 42 | 0 52 | 18 33 | 1 52 | 3 31 | 0 49 | 6 17 | 0 49 | 20 49 | 0 25 | 16 23 | 16 49 | 5 14 | 17 32 | 5 51 |
| F 10 | 5 0 | 6 23 | 5 0 | 4 1 | 1 24 | 8 59 | 0 5 | 11 24 | 1 10 | 21 42 | 0 52 | 18 34 | 1 52 | 3 32 | 0 49 | 6 16 | 0 49 | 20 49 | 0 25 | 16 24 | 16 50 | 5 16 | 17 31 | 5 51 |
| S 11 | 4 37 | 10 5 | 5 11 | 3 13 | 1 20 | 9 28 | 0 2 | 11 10 | 1 10 | 21 43 | 0 52 | 18 35 | 1 52 | 3 33 | 0 49 | 6 16 | 0 49 | 20 49 | 0 25 | 16 26 | 16 51 | 5 18 | 17 30 | 5 52 |
| S 12 | 4 14 | 13 25 | 5 8 | 2 25 | 1 15 | 9 57 | 0s 2 | 10 56 | 1 10 | 21 43 | 0 52 | 18 36 | 1 51 | 3 34 | 0 49 | 6 15 | 0 49 | 20 49 | 0 25 | 16 27 | 16 52 | 5 20 | 17 30 | 5 52 |
| M13 | 3 51 | 16 13 | 4 52 | 1 38 | 1 9 | 10 26 | 0 5 | 10 43 | 1 10 | 21 44 | 0 52 | 18 37 | 1 51 | 3 35 | 0 49 | 6 14 | 0 49 | 20 48 | 0 25 | 16 28 | 16 53 | 5 22 | 17 29 | 5 53 |
| T 14 | 3 29 | 18 22 | 4 23 | 0 50 | 1 4 | 10 55 | 0 9 | 10 29 | 1 10 | 21 44 | 0 52 | 18 38 | 1 51 | 3 36 | 0 49 | 6 13 | 0 49 | 20 48 | 0 25 | 16 28 | 16 54 | 5 24 | 17 29 | 5 54 |
| W15 | 3 6 | 19 42 | 3 41 | 0 3 | 0 58 | 11 23 | 0 12 | 10 15 | 1 10 | 21 44 | 0 52 | 18 39 | 1 51 | 3 37 | 0 49 | 6 12 | 0 49 | 20 48 | 0 25 | 16 28 | 16 54 | 5 27 | 17 28 | 5 54 |
| T 16 | 2 43 | 20 4 | 2 48 | 0s44 | 0 51 | 11 51 | 0 16 | 10 1 | 1 10 | 21 45 | 0 52 | 18 40 | 1 51 | 3 38 | 0 49 | 6 11 | 0 49 | 20 48 | 0 25 | 16 28 | 16 55 | 5 29 | 17 28 | 5 55 |
| F 17 | 2 20 | 19 23 | 1 44 | 1 30 | 0 45 | 12 19 | 0 19 | 9 46 | 1 10 | 21 45 | 0 52 | 18 41 | 1 50 | 3 39 | 0 49 | 6 10 | 0 49 | 20 48 | 0 25 | 16 27 | 16 56 | 5 31 | 17 27 | 5 55 |
| S 18 | 1 57 | 17 34 | 0 32 | 2 16 | 0 38 | 12 47 | 0 23 | 9 32 | 1 11 | 21 45 | 0 53 | 18 42 | 1 50 | 3 40 | 0 49 | 6 10 | 0 49 | 20 48 | 0 25 | 16 27 | 16 57 | 5 33 | 17 27 | 5 56 |
| S 19 | 1 34 | 14 39 | 0n44 | 3 2 | 0 32 | 13 15 | 0 26 | 9 18 | 1 11 | 21 46 | 0 53 | 18 43 | 1 50 | 3 40 | 0 49 | 6 9 | 0 50 | 20 48 | 0 25 | 16 27 | 16 58 | 5 35 | 17 26 | 5 56 |
| M20 | 1 10 | 10 46 | 1 59 | 3 47 | 0 25 | 13 42 | 0 30 | 9 4 | 1 11 | 21 46 | 0 53 | 18 44 | 1 50 | 3 41 | 0 49 | 6 8 | 0 50 | 20 48 | 0 25 | 16 28 | 16 59 | 5 37 | 17 25 | 5 57 |
| T 21 | 0 47 | 6 7 | 3 8 | 4 32 | 0 18 | 14 9 | 0 33 | 8 50 | 1 11 | 21 46 | 0 53 | 18 45 | 1 50 | 3 42 | 0 49 | 6 7 | 0 50 | 20 47 | 0 25 | 16 29 | 17 0 | 5 39 | 17 25 | 5 57 |
| W22 | 0 24 | 1 2 | 4 5 | 5 17 | 0 11 | 14 35 | 0 37 | 8 35 | 1 11 | 21 46 | 0 53 | 18 46 | 1 49 | 3 43 | 0 49 | 6 6 | 0 50 | 20 47 | 0 25 | 16 31 | 17 1 | 5 42 | 17 24 | 5 58 |
| T 23 | 0 1 | 4s 9 | 4 45 | 6 0 | 0 3 | 15 2 | 0 41 | 8 21 | 1 11 | 21 47 | 0 53 | 18 47 | 1 49 | 3 44 | 0 49 | 6 5 | 0 50 | 20 47 | 0 25 | 16 32 | 17 2 | 5 44 | 17 24 | 5 58 |
| F 24 | 0s22 | 9 3 | 5 5 | 6 44 | 0s 4 | 15 28 | 0 44 | 8 6 | 1 11 | 21 47 | 0 53 | 18 48 | 1 49 | 3 45 | 0 49 | 6 5 | 0 50 | 20 47 | 0 26 | 16 34 | 17 2 | 5 46 | 17 23 | 5 59 |
| S 25 | 0 46 | 13 19 | 5 5 | 7 26 | 0 11 | 15 53 | 0 48 | 7 52 | 1 11 | 21 47 | 0 53 | 18 49 | 1 49 | 3 46 | 0 49 | 6 4 | 0 50 | 20 47 | 0 26 | 16 36 | 17 3 | 5 48 | 17 23 | 5 59 |
| S 26 | 1 9 | 16 40 | 4 44 | 8 8 | 0 19 | 16 18 | 0 52 | 7 37 | 1 11 | 21 47 | 0 53 | 18 50 | 1 49 | 3 47 | 0 49 | 6 3 | 0 50 | 20 47 | 0 26 | 16 38 | 17 4 | 5 50 | 17 22 | 6 0 |
| M27 | 1 32 | 18 57 | 4 7 | 8 50 | 0 26 | 16 43 | 0 55 | 7 23 | 1 11 | 21 47 | 0 53 | 18 51 | 1 48 | 3 48 | 0 49 | 6 2 | 0 50 | 20 47 | 0 26 | 16 38 | 17 5 | 5 52 | 17 21 | 6 1 |
| T 28 | 1 55 | 20 3 | 3 16 | 9 31 | 0 34 | 17 8 | 0 59 | 7 8 | 1 11 | 21 47 | 0 53 | 18 52 | 1 48 | 3 49 | 0 49 | 6 1 | 0 50 | 20 47 | 0 26 | 16 39 | 17 6 | 5 55 | 17 21 | 6 1 |
| W29 | 2 18 | 19 59 | 2 16 | 10 11 | 0 42 | 17 32 | 1 3 | 6 53 | 1 11 | 21 47 | 0 53 | 18 54 | 1 48 | 3 50 | 0 49 | 6 1 | 0 50 | 20 47 | 0 26 | 16 38 | 17 7 | 5 57 | 17 20 | 6 2 |
| T 30 | 2s42 | 18s50 | 1n11 | 10s50 | 0s49 | 17s56 | 1s 6 | 6n39 | 1n11 | 21n47 | 0s53 | 18s55 | 1n48 | 3s51 | 0s49 | 6n 0 | 0n50 | 20n47 | 0n26 | 16n38 | 17n 8 | 5n59 | 17n20 | 6s 2 |

Julian Day Number = 2607746.5, Delta T = 10m00s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'10, Lahiri = 29°50'12


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## OCTOBER 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 38 32 | 7♎46'43 | 13♒ 9 | 27♎37 | 18♏ 9 | 16♍30 | 16♊15 | 2♐55 | 22°R 8 | 16♍45 | 28♋49 | 13°R50 | 12♌ 2 | 27♈51 | 2♋ 7 | F 1 |
| S 2 | 0 42 29 | 8°45'28 | 25°34 | 29° 4 | 19°19 | 17° 8 | 16°16 | 3° 0 | 22♓ 6 | 16°47 | 28°49 | 13♌50 | 11°59 | 27°57 | 2° 8 | S 2 |
| S 3 | 0 46 25 | 9°44'14 | 7♓48 | 0♏30 | 20°30 | 17°46 | 16°17 | 3° 5 | 22° 4 | 16°49 | 28°50 | 13°47 | 11°56 | 28° 4 | 2° 9 | S 3 |
| M 4 | 0 50 22 | 10°43'02 | 19°53 | 1°55 | 21°40 | 18°24 | 16°17 | 3°10 | 22° 2 | 16°51 | 28°51 | 13°42 | 11°52 | 28°11 | 2° 9 | M 4 |
| T 5 | 0 54 18 | 11°41'52 | 1♈53 | 3°19 | 22°50 | 19° 2 | 16°R17 | 3°15 | 21°59 | 16°53 | 28°51 | 13°34 | 11°49 | 28°18 | 2°10 | T 5 |
| W 6 | 0 58 15 | 12°40'44 | 13°49 | 4°41 | 23°59 | 19°40 | 16°17 | 3°21 | 21°57 | 16°55 | 28°52 | 13°24 | 11°46 | 28°24 | 2°10 | W 6 |
| T 7 | 1 2 11 | 13°39'38 | 25°43 | 6° 3 | 25° 9 | 20°18 | 16°17 | 3°26 | 21°55 | 16°57 | 28°52 | 13°12 | 11°43 | 28°31 | 2°10 | T 7 |
| F 8 | 1 6 8 | 14°38'34 | 7♉35 | 7°23 | 26°19 | 20°56 | 16°16 | 3°31 | 21°53 | 16°59 | 28°53 | 13° 0 | 11°40 | 28°38 | 2°11 | F 8 |
| S 9 | 1 10 4 | 15°37'32 | 19°27 | 8°42 | 27°29 | 21°33 | 16°16 | 3°37 | 21°51 | 17° 2 | 28°54 | 12°49 | 11°36 | 28°44 | 2°11 | S 9 |
| S 10 | 1 14 1 | 16°36'32 | 1♊22 | 10° 0 | 28°38 | 22°11 | 16°15 | 3°42 | 21°49 | 17° 3 | 28°54 | 12°39 | 11°33 | 28°51 | 2°R11 | S 10 |
| M11 | 1 17 58 | 17°35'35 | 13°23 | 11°16 | 29°48 | 22°49 | 16°14 | 3°48 | 21°46 | 17° 5 | 28°55 | 12°32 | 11°30 | 28°58 | 2°11 | M11 |
| T 12 | 1 21 54 | 18°34'39 | 25°31 | 12°31 | 0♐57 | 23°27 | 16°12 | 3°54 | 21°44 | 17° 7 | 28°55 | 12°27 | 11°27 | 29° 5 | 2°11 | T 12 |
| W13 | 1 25 51 | 19°33'46 | 7♋53 | 13°44 | 2° 6 | 24° 5 | 16°11 | 3°59 | 21°42 | 17° 9 | 28°55 | 12°24 | 11°24 | 29°11 | 2°11 | W13 |
| T 14 | 1 29 47 | 20°32'56 | 20°31 | 14°56 | 3°16 | 24°43 | 16° 9 | 4° 5 | 21°40 | 17°11 | 28°56 | 12°D23 | 11°21 | 29°18 | 2°10 | T 14 |
| F 15 | 1 33 44 | 21°32'07 | 3♌30 | 16° 6 | 4°25 | 25°20 | 16° 7 | 4°11 | 21°38 | 17°13 | 28°56 | 12°24 | 11°17 | 29°25 | 2°10 | F 15 |
| S 16 | 1 37 40 | 22°31'21 | 16°55 | 17°14 | 5°34 | 25°58 | 16° 5 | 4°17 | 21°36 | 17°15 | 28°57 | 12°R24 | 11°14 | 29°31 | 2°10 | S 16 |
| S 17 | 1 41 37 | 23°30'37 | 0♍48 | 18°20 | 6°43 | 26°36 | 16° 3 | 4°23 | 21°34 | 17°17 | 28°57 | 12°23 | 11°11 | 29°38 | 2° 9 | S 17 |
| M18 | 1 45 33 | 24°29'56 | 15°10 | 19°24 | 7°52 | 27°14 | 16° 0 | 4°29 | 21°33 | 17°19 | 28°57 | 12°19 | 11° 8 | 29°45 | 2° 9 | M18 |
| T 19 | 1 49 30 | 25°29'16 | 29°59 | 20°26 | 9° 0 | 27°52 | 15°58 | 4°35 | 21°31 | 17°21 | 28°58 | 12°13 | 11° 5 | 29°52 | 2° 8 | T 19 |
| W20 | 1 53 27 | 26°28'39 | 15♎ 8 | 21°25 | 10° 9 | 28°29 | 15°55 | 4°41 | 21°29 | 17°23 | 28°58 | 12° 4 | 11° 2 | 29°58 | 2° 7 | W20 |
| T 21 | 1 57 23 | 27°28'04 | 0♏27 | 22°21 | 11°18 | 29° 7 | 15°52 | 4°47 | 21°27 | 17°24 | 28°58 | 11°54 | 10°58 | 0♉ 5 | 2° 7 | T 21 |
| F 22 | 2 1 20 | 28°27'31 | 15°46 | 23°14 | 12°26 | 29°45 | 15°48 | 4°53 | 21°25 | 17°26 | 28°58 | 11°43 | 10°55 | 0°12 | 2° 6 | F 22 |
| S 23 | 2 5 16 | 29°27'00 | 0♐53 | 24° 4 | 13°34 | 0♎23 | 15°45 | 4°59 | 21°24 | 17°28 | 28°58 | 11°33 | 10°52 | 0°19 | 2° 5 | S 23 |
| S 24 | 2 9 13 | 0♏26'31 | 15°39 | 24°50 | 14°43 | 1° 1 | 15°41 | 5° 6 | 21°22 | 17°30 | 28°59 | 11°24 | 10°49 | 0°25 | 2° 4 | S 24 |
| M25 | 2 13 9 | 1°26'03 | 29°57 | 25°32 | 15°51 | 1°38 | 15°38 | 5°12 | 21°20 | 17°31 | 28°59 | 11°19 | 10°46 | 0°32 | 2° 3 | M25 |
| T 26 | 2 17 6 | 2°25'38 | 13♑45 | 26° 9 | 16°59 | 2°16 | 15°34 | 5°18 | 21°19 | 17°33 | 28°59 | 11°16 | 10°42 | 0°39 | 2° 1 | T 26 |
| W27 | 2 21 2 | 3°25'14 | 27° 5 | 26°42 | 18° 7 | 2°54 | 15°29 | 5°25 | 21°17 | 17°35 | 28°59 | 11°15 | 10°39 | 0°45 | 2° 0 | W27 |
| T 28 | 2 24 59 | 4°24'51 | 10♒ 0 | 27° 8 | 19°14 | 3°31 | 15°25 | 5°31 | 21°15 | 17°36 | 28°59 | 11°15 | 10°36 | 0°52 | 1°59 | T 28 |
| F 29 | 2 28 56 | 5°24'31 | 22°34 | 27°29 | 20°22 | 4° 9 | 15°20 | 5°37 | 21°14 | 17°38 | 28°59 | 11°14 | 10°33 | 0°59 | 1°57 | F 29 |
| S 30 | 2 32 52 | 6°24'12 | 4♓52 | 27°43 | 21°29 | 4°47 | 15°16 | 5°44 | 21°12 | 17°40 | 28°R59 | 11°13 | 10°30 | 1° 6 | 1°56 | S 30 |
| S 31 | 2 36 49 | 7♏23'55 | 16♓58 | 27°R50 | 22♐37 | 5♎25 | 15♊11 | 5♐50 | 21♓11 | 17♍41 | 28♋59 | 11♌ 9 | 10♌27 | 1♉12 | 1♋54 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 3s 5 | 16s46 | 0n 4 | 11s29 | 0s57 | 18s19 | 1s10 | 6n24 | 1n11 | 21n47 | 0s53 | 18s56 | 1n48 | 3s51 | 0s49 | 5n59 | 0n50 | 20n46 | 0n26 | 16n38 | 17n 9 | 6n 1 | 17n19 | 6s 3 | F 1 |
| S 2 | 3 28 | 13 57 | 1s 2 | 12 7 | 1 4 | 18 42 | 1 14 | 6 9 | 1 11 | 21 47 | 0 54 | 18 57 | 1 47 | 3 52 | 0 49 | 5 58 | 0 50 | 20 46 | 0 26 | 16 38 | 17 10 | 6 3 | 17 19 | 6 3 | S 2 |
| S 3 | 3 51 | 10 33 | 2 5 | 12 45 | 1 12 | 19 4 | 1 17 | 5 55 | 1 11 | 21 47 | 0 54 | 18 58 | 1 47 | 3 53 | 0 49 | 5 57 | 0 50 | 20 46 | 0 26 | 16 39 | 17 10 | 6 5 | 17 18 | 6 4 | S 3 |
| M 4 | 4 14 | 6 46 | 3 0 | 13 21 | 1 19 | 19 26 | 1 21 | 5 40 | 1 11 | 21 47 | 0 54 | 18 59 | 1 47 | 3 54 | 0 49 | 5 57 | 0 50 | 20 46 | 0 26 | 16 41 | 17 11 | 6 8 | 17 17 | 6 4 | M 4 |
| T 5 | 4 37 | 2 44 | 3 47 | 13 57 | 1 27 | 19 48 | 1 25 | 5 25 | 1 11 | 21 47 | 0 54 | 19 0 | 1 47 | 3 55 | 0 49 | 5 56 | 0 50 | 20 46 | 0 26 | 16 43 | 17 12 | 6 10 | 17 17 | 6 5 | T 5 |
| W 6 | 5 0 | 1n23 | 4 24 | 14 32 | 1 34 | 20 9 | 1 28 | 5 10 | 1 11 | 21 47 | 0 54 | 19 2 | 1 47 | 3 56 | 0 49 | 5 55 | 0 50 | 20 46 | 0 26 | 16 46 | 17 13 | 6 12 | 17 16 | 6 6 | W 6 |
| T 7 | 5 23 | 5 25 | 4 49 | 15 6 | 1 41 | 20 30 | 1 32 | 4 55 | 1 11 | 21 47 | 0 54 | 19 3 | 1 47 | 3 57 | 0 49 | 5 54 | 0 50 | 20 46 | 0 27 | 16 49 | 17 14 | 6 14 | 17 16 | 6 6 | T 7 |
| F 8 | 5 45 | 9 15 | 5 2 | 15 39 | 1 48 | 20 50 | 1 36 | 4 40 | 1 11 | 21 47 | 0 54 | 19 4 | 1 46 | 3 57 | 0 49 | 5 53 | 0 50 | 20 46 | 0 27 | 16 52 | 17 15 | 6 16 | 17 15 | 6 7 | F 8 |
| S 9 | 6 8 | 12 43 | 5 1 | 16 11 | 1 55 | 21 9 | 1 39 | 4 25 | 1 11 | 21 47 | 0 54 | 19 5 | 1 46 | 3 58 | 0 49 | 5 53 | 0 50 | 20 46 | 0 27 | 16 55 | 17 16 | 6 18 | 17 15 | 6 7 | S 9 |
| S 10 | 6 31 | 15 42 | 4 47 | 16 42 | 2 2 | 21 29 | 1 43 | 4 10 | 1 11 | 21 47 | 0 54 | 19 6 | 1 46 | 3 59 | 0 49 | 5 52 | 0 50 | 20 46 | 0 27 | 16 58 | 17 17 | 6 20 | 17 14 | 6 8 | S 10 |
| M11 | 6 53 | 18 2 | 4 21 | 17 13 | 2 9 | 21 47 | 1 46 | 3 56 | 1 11 | 21 47 | 0 54 | 19 8 | 1 46 | 4 0 | 0 49 | 5 51 | 0 50 | 20 46 | 0 27 | 17 0 | 17 17 | 6 23 | 17 13 | 6 8 | M11 |
| T 12 | 7 16 | 19 36 | 3 42 | 17 42 | 2 15 | 22 5 | 1 50 | 3 41 | 1 11 | 21 46 | 0 54 | 19 9 | 1 46 | 4 1 | 0 49 | 5 50 | 0 50 | 20 46 | 0 27 | 17 2 | 17 18 | 6 25 | 17 13 | 6 9 | T 12 |
| W13 | 7 38 | 20 17 | 2 53 | 18 10 | 2 21 | 22 23 | 1 53 | 3 26 | 1 11 | 21 46 | 0 54 | 19 10 | 1 46 | 4 1 | 0 48 | 5 50 | 0 50 | 20 46 | 0 27 | 17 2 | 17 19 | 6 27 | 17 12 | 6 10 | W13 |
| T 14 | 8 0 | 19 57 | 1 54 | 18 38 | 2 27 | 22 40 | 1 57 | 3 11 | 1 11 | 21 46 | 0 54 | 19 11 | 1 45 | 4 2 | 0 48 | 5 49 | 0 50 | 20 46 | 0 27 | 17 3 | 17 20 | 6 29 | 17 12 | 6 10 | T 14 |
| F 15 | 8 23 | 18 34 | 0 47 | 19 4 | 2 33 | 22 56 | 2 0 | 2 56 | 1 11 | 21 46 | 0 54 | 19 12 | 1 45 | 4 3 | 0 48 | 5 48 | 0 50 | 20 46 | 0 27 | 17 3 | 17 21 | 6 31 | 17 11 | 6 11 | F 15 |
| S 16 | 8 45 | 16 7 | 0n24 | 19 29 | 2 39 | 23 12 | 2 3 | 2 41 | 1 10 | 21 45 | 0 54 | 19 14 | 1 45 | 4 4 | 0 48 | 5 48 | 0 50 | 20 46 | 0 27 | 17 3 | 17 22 | 6 33 | 17 11 | 6 11 | S 16 |
| S 17 | 9 7 | 12 40 | 1 36 | 19 52 | 2 44 | 23 27 | 2 7 | 2 26 | 1 10 | 21 45 | 0 54 | 19 15 | 1 45 | 4 5 | 0 48 | 5 47 | 0 50 | 20 46 | 0 27 | 17 3 | 17 23 | 6 36 | 17 10 | 6 12 | S 17 |
| M18 | 9 28 | 8 21 | 2 44 | 20 15 | 2 49 | 23 42 | 2 10 | 2 11 | 1 10 | 21 45 | 0 54 | 19 16 | 1 45 | 4 5 | 0 48 | 5 46 | 0 50 | 20 46 | 0 27 | 17 4 | 17 24 | 6 38 | 17 10 | 6 12 | M18 |
| T 19 | 9 50 | 3 26 | 3 44 | 20 36 | 2 53 | 23 56 | 2 13 | 1 55 | 1 10 | 21 44 | 0 54 | 19 17 | 1 45 | 4 6 | 0 48 | 5 45 | 0 50 | 20 46 | 0 27 | 17 6 | 17 24 | 6 40 | 17 9 | 6 13 | T 19 |
| W20 | 10 11 | 1s49 | 4 29 | 20 56 | 2 57 | 24 10 | 2 16 | 1 40 | 1 10 | 21 44 | 0 54 | 19 19 | 1 44 | 4 7 | 0 48 | 5 45 | 0 50 | 20 46 | 0 27 | 17 8 | 17 25 | 6 42 | 17 9 | 6 13 | W20 |
| T 21 | 10 33 | 7 0 | 4 55 | 21 14 | 3 1 | 24 23 | 2 19 | 1 25 | 1 10 | 21 44 | 0 55 | 19 20 | 1 44 | 4 7 | 0 48 | 5 44 | 0 50 | 20 46 | 0 28 | 17 11 | 17 26 | 6 44 | 17 8 | 6 14 | T 21 |
| F 22 | 10 54 | 11 44 | 5 0 | 21 30 | 3 4 | 24 35 | 2 22 | 1 10 | 1 10 | 21 43 | 0 55 | 19 21 | 1 44 | 4 8 | 0 48 | 5 43 | 0 50 | 20 46 | 0 28 | 17 14 | 17 27 | 6 46 | 17 7 | 6 15 | F 22 |
| S 23 | 11 15 | 15 39 | 4 44 | 21 46 | 3 7 | 24 47 | 2 25 | 0 55 | 1 10 | 21 43 | 0 55 | 19 22 | 1 44 | 4 9 | 0 48 | 5 43 | 0 50 | 20 46 | 0 28 | 17 17 | 17 28 | 6 49 | 17 7 | 6 15 | S 23 |
| S 24 | 11 36 | 18 29 | 4 9 | 21 59 | 3 9 | 24 58 | 2 28 | 0 40 | 1 10 | 21 43 | 0 55 | 19 24 | 1 44 | 4 9 | 0 48 | 5 42 | 0 50 | 20 46 | 0 28 | 17 19 | 17 29 | 6 51 | 17 6 | 6 16 | S 24 |
| M25 | 11 57 | 20 3 | 3 20 | 22 10 | 3 10 | 25 8 | 2 31 | 0 25 | 1 10 | 21 42 | 0 55 | 19 25 | 1 44 | 4 10 | 0 48 | 5 41 | 0 50 | 20 46 | 0 28 | 17 21 | 17 30 | 6 53 | 17 6 | 6 16 | M25 |
| T 26 | 12 17 | 20 21 | 2 20 | 22 20 | 3 11 | 25 18 | 2 34 | 0 10 | 1 10 | 21 42 | 0 55 | 19 26 | 1 44 | 4 11 | 0 48 | 5 41 | 0 50 | 20 46 | 0 28 | 17 21 | 17 30 | 6 55 | 17 5 | 6 17 | T 26 |
| W27 | 12 38 | 19 29 | 1 14 | 22 27 | 3 10 | 25 27 | 2 36 | 0s 5 | 1 10 | 21 41 | 0 55 | 19 27 | 1 43 | 4 11 | 0 48 | 5 40 | 0 50 | 20 46 | 0 28 | 17 22 | 17 31 | 6 57 | 17 5 | 6 17 | W27 |
| T 28 | 12 58 | 17 36 | 0 7 | 22 32 | 3 9 | 25 35 | 2 39 | 0 20 | 1 10 | 21 41 | 0 55 | 19 29 | 1 43 | 4 12 | 0 48 | 5 40 | 0 50 | 20 46 | 0 28 | 17 22 | 17 32 | 6 59 | 17 4 | 6 18 | T 28 |
| F 29 | 13 18 | 14 54 | 1s 0 | 22 35 | 3 7 | 25 43 | 2 42 | 0 35 | 1 10 | 21 40 | 0 55 | 19 30 | 1 43 | 4 12 | 0 48 | 5 39 | 0 50 | 20 46 | 0 28 | 17 22 | 17 33 | 7 1 | 17 4 | 6 18 | F 29 |
| S 30 | 13 37 | 11 35 | 2 1 | 22 35 | 3 3 | 25 50 | 2 44 | 0 50 | 1 10 | 21 40 | 0 55 | 19 31 | 1 43 | 4 13 | 0 48 | 5 38 | 0 50 | 20 46 | 0 28 | 17 22 | 17 34 | 7 4 | 17 3 | 6 19 | S 30 |
| S 31 | 13s57 | 7s51 | 2s57 | 22s32 | 2s59 | 25s57 | 2s47 | 1s 5 | 1n10 | 21n39 | 0s55 | 19s32 | 1n43 | 4s13 | 0s48 | 5n38 | 0n50 | 20n46 | 0n28 | 17n23 | 17n35 | 7n 6 | 17n 3 | 6s19 | S 31 |

Julian Day Number = 2607776.5, Delta T = 10m00s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'14, Lahiri = 29°50'16


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## NOVEMBER 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 40 45 | 8♏23'39 | 28♓56 | 27°R49 | 23♐44 | 6♎ 2 | 15°R 6 | 5♐57 | 21°R10 | 17♍43 | 28°R59 | 11°R 2 | 10♌23 | 1♉19 | 1°R53 | M 1 |
| T 2 | 2 44 42 | 9°23'25 | 10♈50 | 27♏40 | 24°51 | 6°40 | 15♊ 0 | 6° 4 | 21♓ 8 | 17°44 | 28♋59 | 10♌52 | 10°20 | 1°26 | 1♋51 | T 2 |
| W 3 | 2 48 38 | 10°23'13 | 22°42 | 27°22 | 25°58 | 7°18 | 14°55 | 6°10 | 21° 7 | 17°46 | 28°59 | 10°39 | 10°17 | 1°32 | 1°49 | W 3 |
| T 4 | 2 52 35 | 11°23'03 | 4♉35 | 26°55 | 27° 4 | 7°55 | 14°49 | 6°17 | 21° 6 | 17°47 | 28°59 | 10°25 | 10°14 | 1°39 | 1°47 | T 4 |
| F 5 | 2 56 31 | 12°22'55 | 16°29 | 26°19 | 28°11 | 8°33 | 14°44 | 6°24 | 21° 4 | 17°49 | 28°59 | 10°10 | 10°11 | 1°46 | 1°46 | F 5 |
| S 6 | 3 0 28 | 13°22'49 | 28°25 | 25°34 | 29°17 | 9°10 | 14°38 | 6°30 | 21° 3 | 17°50 | 28°59 | 9°56 | 10° 8 | 1°53 | 1°44 | S 6 |
| S 7 | 3 4 24 | 14°22'45 | 10♊26 | 24°39 | 0♑23 | 9°48 | 14°32 | 6°37 | 21° 2 | 17°52 | 28°58 | 9°43 | 10° 4 | 1°59 | 1°42 | S 7 |
| M 8 | 3 8 21 | 15°22'43 | 22°33 | 23°37 | 1°29 | 10°26 | 14°25 | 6°44 | 21° 1 | 17°53 | 28°58 | 9°33 | 10° 1 | 2° 6 | 1°39 | M 8 |
| T 9 | 3 12 18 | 16°22'42 | 4♋48 | 22°28 | 2°35 | 11° 3 | 14°19 | 6°51 | 21° 0 | 17°54 | 28°58 | 9°26 | 9°58 | 2°13 | 1°37 | T 9 |
| W10 | 3 16 14 | 17°22'44 | 17°12 | 21°14 | 3°40 | 11°41 | 14°13 | 6°58 | 20°59 | 17°56 | 28°58 | 9°22 | 9°55 | 2°20 | 1°35 | W10 |
| T 11 | 3 20 11 | 18°22'48 | 29°51 | 19°56 | 4°46 | 12°19 | 14° 6 | 7° 4 | 20°58 | 17°57 | 28°57 | 9°21 | 9°52 | 2°26 | 1°33 | T 11 |
| F 12 | 3 24 7 | 19°22'54 | 12♌48 | 18°37 | 5°51 | 12°56 | 13°59 | 7°11 | 20°57 | 17°58 | 28°57 | 9°21 | 9°48 | 2°33 | 1°30 | F 12 |
| S 13 | 3 28 4 | 20°23'03 | 26° 6 | 17°20 | 6°56 | 13°34 | 13°52 | 7°18 | 20°56 | 18° 0 | 28°57 | 9°21 | 9°45 | 2°40 | 1°28 | S 13 |
| S 14 | 3 32 0 | 21°23'13 | 9♍48 | 16° 7 | 8° 0 | 14°11 | 13°46 | 7°25 | 20°55 | 18° 1 | 28°56 | 9°19 | 9°42 | 2°46 | 1°25 | S 14 |
| M15 | 3 35 57 | 22°23'25 | 23°57 | 15° 1 | 9° 5 | 14°49 | 13°38 | 7°32 | 20°54 | 18° 2 | 28°56 | 9°16 | 9°39 | 2°53 | 1°23 | M15 |
| T 16 | 3 39 53 | 23°23'39 | 8♎31 | 14° 2 | 10° 9 | 15°27 | 13°31 | 7°39 | 20°54 | 18° 3 | 28°56 | 9°10 | 9°36 | 3° 0 | 1°20 | T 16 |
| W17 | 3 43 50 | 24°23'56 | 23°28 | 13°14 | 11°13 | 16° 4 | 13°24 | 7°46 | 20°53 | 18° 4 | 28°55 | 9° 2 | 9°33 | 3° 7 | 1°18 | W17 |
| T 18 | 3 47 47 | 25°24'14 | 8♏39 | 12°36 | 12°17 | 16°42 | 13°17 | 7°53 | 20°52 | 18° 5 | 28°55 | 8°52 | 9°29 | 3°13 | 1°15 | T 18 |
| F 19 | 3 51 43 | 26°24'34 | 23°54 | 12°11 | 13°20 | 17°19 | 13° 9 | 8° 0 | 20°52 | 18° 7 | 28°54 | 8°41 | 9°26 | 3°20 | 1°12 | F 19 |
| S 20 | 3 55 40 | 27°24'56 | 9♐ 2 | 11°56 | 14°23 | 17°57 | 13° 1 | 8° 7 | 20°51 | 18° 8 | 28°54 | 8°30 | 9°23 | 3°27 | 1° 9 | S 20 |
| S 21 | 3 59 36 | 28°25'19 | 23°53 | 11°D54 | 15°26 | 18°34 | 12°54 | 8°14 | 20°51 | 18° 9 | 28°53 | 8°22 | 9°20 | 3°33 | 1° 6 | S 21 |
| M22 | 4 3 33 | 29°25'44 | 8♑19 | 12° 2 | 16°29 | 19°12 | 12°46 | 8°21 | 20°50 | 18°10 | 28°53 | 8°16 | 9°17 | 3°40 | 1° 3 | M22 |
| T 23 | 4 7 29 | 0♐26'10 | 22°16 | 12°21 | 17°31 | 19°49 | 12°38 | 8°28 | 20°50 | 18°11 | 28°52 | 8°12 | 9°14 | 3°47 | 1° 0 | T 23 |
| W24 | 4 11 26 | 1°26'38 | 5♒44 | 12°49 | 18°33 | 20°27 | 12°30 | 8°35 | 20°50 | 18°11 | 28°52 | 8°D11 | 9°10 | 3°54 | 0°57 | W24 |
| T 25 | 4 15 23 | 2°27'07 | 18°44 | 13°25 | 19°34 | 21° 4 | 12°22 | 8°43 | 20°49 | 18°12 | 28°51 | 8°12 | 9° 7 | 4° 0 | 0°54 | T 25 |
| F 26 | 4 19 19 | 3°27'37 | 1♓21 | 14°10 | 20°36 | 21°42 | 12°14 | 8°50 | 20°49 | 18°13 | 28°50 | 8°R12 | 9° 4 | 4° 7 | 0°51 | F 26 |
| S 27 | 4 23 16 | 4°28'08 | 13°40 | 15° 1 | 21°37 | 22°19 | 12° 6 | 8°57 | 20°49 | 18°14 | 28°50 | 8°12 | 9° 1 | 4°14 | 0°48 | S 27 |
| S 28 | 4 27 12 | 5°28'41 | 25°45 | 15°58 | 22°37 | 22°57 | 11°58 | 9° 4 | 20°49 | 18°15 | 28°49 | 8° 9 | 8°58 | 4°21 | 0°44 | S 28 |
| M29 | 4 31 9 | 6°29'15 | 7♈41 | 17° 0 | 23°37 | 23°34 | 11°50 | 9°11 | 20°49 | 18°16 | 28°48 | 8° 5 | 8°54 | 4°27 | 0°41 | M29 |
| T 30 | 4 35 5 | 7♐29'50 | 19♈33 | 18♏ 7 | 24♑37 | 24♎12 | 11♊42 | 9♐18 | 20°D48 | 18♍16 | 28♋48 | 7♌57 | 8♌51 | 4♉34 | 0♋38 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 14s16 | 3s50 | 3s43 | 22s26 | 2s53 | 26s 3 | 2s49 | 1s20 | 1n 9 | 21n39 | 0s55 | 19s34 | 1n43 | 4s14 | 0s48 | 5n37 | 0n50 | 20n47 | 0n28 | 17n25 | 17n36 | 7n 8 | 17n 2 | 6s20 | M 1 |
| T 2 | 14 35 | 0n17 | 4 20 | 22 17 | 2 46 | 26 8 | 2 51 | 1 35 | 1 9 | 21 38 | 0 55 | 19 35 | 1 43 | 4 14 | 0 48 | 5 37 | 0 51 | 20 47 | 0 28 | 17 28 | 17 36 | 7 10 | 17 2 | 6 20 | T 2 |
| W 3 | 14 54 | 4 24 | 4 45 | 22 4 | 2 37 | 26 12 | 2 53 | 1 50 | 1 9 | 21 37 | 0 55 | 19 36 | 1 43 | 4 15 | 0 48 | 5 36 | 0 51 | 20 47 | 0 29 | 17 31 | 17 37 | 7 12 | 17 1 | 6 21 | W 3 |
| T 4 | 15 13 | 8 20 | 4 58 | 21 48 | 2 26 | 26 16 | 2 55 | 2 4 | 1 9 | 21 37 | 0 55 | 19 37 | 1 42 | 4 15 | 0 48 | 5 35 | 0 51 | 20 47 | 0 29 | 17 35 | 17 38 | 7 14 | 17 1 | 6 21 | T 4 |
| F 5 | 15 31 | 11 58 | 4 57 | 21 27 | 2 14 | 26 19 | 2 57 | 2 19 | 1 9 | 21 36 | 0 55 | 19 39 | 1 42 | 4 16 | 0 48 | 5 35 | 0 51 | 20 47 | 0 29 | 17 39 | 17 39 | 7 17 | 17 0 | 6 22 | F 5 |
| S 6 | 15 49 | 15 8 | 4 44 | 21 3 | 2 0 | 26 22 | 2 59 | 2 34 | 1 9 | 21 36 | 0 55 | 19 40 | 1 42 | 4 16 | 0 48 | 5 34 | 0 51 | 20 47 | 0 29 | 17 43 | 17 40 | 7 19 | 17 0 | 6 22 | S 6 |
| S 7 | 16 7 | 17 42 | 4 18 | 20 35 | 1 45 | 26 24 | 3 1 | 2 49 | 1 9 | 21 35 | 0 55 | 19 41 | 1 42 | 4 17 | 0 48 | 5 34 | 0 51 | 20 47 | 0 29 | 17 46 | 17 41 | 7 21 | 17 0 | 6 23 | S 7 |
| M 8 | 16 24 | 19 31 | 3 40 | 20 3 | 1 27 | 26 25 | 3 2 | 3 4 | 1 9 | 21 34 | 0 55 | 19 42 | 1 42 | 4 17 | 0 48 | 5 33 | 0 51 | 20 47 | 0 29 | 17 49 | 17 42 | 7 23 | 16 59 | 6 23 | M 8 |
| T 9 | 16 42 | 20 26 | 2 52 | 19 27 | 1 9 | 26 25 | 3 4 | 3 19 | 1 9 | 21 33 | 0 55 | 19 44 | 1 42 | 4 17 | 0 48 | 5 33 | 0 51 | 20 47 | 0 29 | 17 51 | 17 42 | 7 25 | 16 59 | 6 24 | T 9 |
| W10 | 16 59 | 20 23 | 1 54 | 18 49 | 0 49 | 26 25 | 3 5 | 3 33 | 1 9 | 21 33 | 0 55 | 19 45 | 1 42 | 4 18 | 0 48 | 5 32 | 0 51 | 20 48 | 0 29 | 17 52 | 17 43 | 7 27 | 16 58 | 6 24 | W10 |
| T 11 | 17 16 | 19 19 | 0 50 | 18 9 | 0 29 | 26 24 | 3 7 | 3 48 | 1 8 | 21 32 | 0 55 | 19 46 | 1 42 | 4 18 | 0 48 | 5 32 | 0 51 | 20 48 | 0 29 | 17 52 | 17 44 | 7 30 | 16 58 | 6 25 | T 11 |
| F 12 | 17 32 | 17 13 | 0n18 | 17 27 | 0 8 | 26 23 | 3 8 | 4 3 | 1 8 | 21 31 | 0 55 | 19 47 | 1 42 | 4 19 | 0 48 | 5 31 | 0 51 | 20 48 | 0 29 | 17 52 | 17 45 | 7 32 | 16 57 | 6 25 | F 12 |
| S 13 | 17 48 | 14 10 | 1 27 | 16 46 | 0n12 | 26 21 | 3 9 | 4 18 | 1 8 | 21 30 | 0 55 | 19 48 | 1 42 | 4 19 | 0 48 | 5 31 | 0 51 | 20 48 | 0 29 | 17 52 | 17 46 | 7 34 | 16 57 | 6 26 | S 13 |
| S 14 | 18 4 | 10 15 | 2 34 | 16 6 | 0 32 | 26 18 | 3 10 | 4 32 | 1 8 | 21 30 | 0 55 | 19 50 | 1 41 | 4 19 | 0 48 | 5 31 | 0 51 | 20 48 | 0 29 | 17 53 | 17 47 | 7 36 | 16 57 | 6 26 | S 14 |
| M15 | 18 19 | 5 39 | 3 33 | 15 29 | 0 51 | 26 14 | 3 10 | 4 47 | 1 8 | 21 29 | 0 54 | 19 51 | 1 41 | 4 19 | 0 47 | 5 30 | 0 51 | 20 48 | 0 29 | 17 54 | 17 48 | 7 38 | 16 56 | 6 26 | M15 |
| T 16 | 18 35 | 0 37 | 4 20 | 14 55 | 1 9 | 26 10 | 3 11 | 5 1 | 1 8 | 21 28 | 0 54 | 19 52 | 1 41 | 4 20 | 0 47 | 5 30 | 0 51 | 20 48 | 0 30 | 17 55 | 17 48 | 7 40 | 16 56 | 6 27 | T 16 |
| W17 | 18 50 | 4s35 | 4 50 | 14 26 | 1 25 | 26 6 | 3 12 | 5 16 | 1 8 | 21 27 | 0 54 | 19 53 | 1 41 | 4 20 | 0 47 | 5 29 | 0 51 | 20 49 | 0 30 | 17 57 | 17 49 | 7 42 | 16 55 | 6 27 | W17 |
| T 18 | 19 4 | 9 35 | 5 1 | 14 1 | 1 39 | 26 0 | 3 12 | 5 30 | 1 8 | 21 26 | 0 54 | 19 54 | 1 41 | 4 20 | 0 47 | 5 29 | 0 51 | 20 49 | 0 30 | 18 0 | 17 50 | 7 45 | 16 55 | 6 28 | T 18 |
| F 19 | 19 18 | 14 0 | 4 51 | 13 42 | 1 51 | 25 54 | 3 12 | 5 45 | 1 7 | 21 26 | 0 54 | 19 56 | 1 41 | 4 20 | 0 47 | 5 28 | 0 51 | 20 49 | 0 30 | 18 3 | 17 51 | 7 47 | 16 55 | 6 28 | F 19 |
| S 20 | 19 32 | 17 28 | 4 20 | 13 28 | 2 1 | 25 48 | 3 12 | 5 59 | 1 7 | 21 25 | 0 54 | 19 57 | 1 41 | 4 20 | 0 47 | 5 28 | 0 51 | 20 49 | 0 30 | 18 6 | 17 52 | 7 49 | 16 54 | 6 28 | S 20 |
| S 21 | 19 46 | 19 42 | 3 32 | 13 19 | 2 9 | 25 41 | 3 12 | 6 14 | 1 7 | 21 24 | 0 54 | 19 58 | 1 41 | 4 21 | 0 47 | 5 28 | 0 51 | 20 49 | 0 30 | 18 8 | 17 53 | 7 51 | 16 54 | 6 29 | S 21 |
| M22 | 19 59 | 20 36 | 2 32 | 13 16 | 2 15 | 25 33 | 3 12 | 6 28 | 1 7 | 21 23 | 0 54 | 19 59 | 1 41 | 4 21 | 0 47 | 5 27 | 0 51 | 20 49 | 0 30 | 18 9 | 17 53 | 7 53 | 16 53 | 6 29 | M22 |
| T 23 | 20 12 | 20 10 | 1 24 | 13 17 | 2 20 | 25 24 | 3 12 | 6 42 | 1 7 | 21 22 | 0 54 | 20 0 | 1 41 | 4 21 | 0 47 | 5 27 | 0 51 | 20 50 | 0 30 | 18 10 | 17 54 | 7 55 | 16 53 | 6 30 | T 23 |
| W24 | 20 24 | 18 35 | 0 13 | 13 22 | 2 23 | 25 16 | 3 11 | 6 56 | 1 7 | 21 21 | 0 54 | 20 1 | 1 41 | 4 21 | 0 47 | 5 27 | 0 51 | 20 50 | 0 30 | 18 10 | 17 55 | 7 58 | 16 53 | 6 30 | W24 |
| T 25 | 20 36 | 16 3 | 0s56 | 13 32 | 2 25 | 25 6 | 3 11 | 7 11 | 1 6 | 21 20 | 0 54 | 20 3 | 1 41 | 4 21 | 0 47 | 5 26 | 0 51 | 20 50 | 0 30 | 18 10 | 17 56 | 8 0 | 16 52 | 6 30 | T 25 |
| F 26 | 20 48 | 12 50 | 2 0 | 13 44 | 2 25 | 24 56 | 3 10 | 7 25 | 1 6 | 21 19 | 0 54 | 20 4 | 1 41 | 4 21 | 0 47 | 5 26 | 0 51 | 20 50 | 0 30 | 18 10 | 17 57 | 8 2 | 16 52 | 6 31 | F 26 |
| S 27 | 20 59 | 9 8 | 2 57 | 14 0 | 2 24 | 24 45 | 3 9 | 7 39 | 1 6 | 21 18 | 0 54 | 20 5 | 1 41 | 4 21 | 0 47 | 5 26 | 0 51 | 20 50 | 0 30 | 18 10 | 17 58 | 8 4 | 16 52 | 6 31 | S 27 |
| S 28 | 21 10 | 5 8 | 3 45 | 14 18 | 2 22 | 24 34 | 3 8 | 7 53 | 1 6 | 21 17 | 0 54 | 20 6 | 1 40 | 4 21 | 0 47 | 5 26 | 0 51 | 20 51 | 0 30 | 18 11 | 17 58 | 8 6 | 16 51 | 6 31 | S 28 |
| M29 | 21 20 | 0 59 | 4 23 | 14 39 | 2 19 | 24 23 | 3 6 | 8 7 | 1 6 | 21 16 | 0 53 | 20 7 | 1 40 | 4 21 | 0 47 | 5 25 | 0 51 | 20 51 | 0 30 | 18 12 | 17 59 | 8 8 | 16 51 | 6 32 | M29 |
| T 30 | 21s31 | 3n10 | 4s49 | 15s 0 | 2n16 | 24s11 | 3s 5 | 8s21 | 1n 6 | 21n15 | 0s53 | 20s 8 | 1n40 | 4s21 | 0s47 | 5n25 | 0n52 | 20n51 | 0n31 | 18n14 | 18n 0 | 8n10 | 16n51 | 6s32 | T 30 |

Julian Day Number = 2607807.5, Delta T = 10m00s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'19, Lahiri = 29°50'20


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# ASTRODIENST EPHEMERIS for the year 2427
# geocentric

## DECEMBER 2427 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 39 2 | 8♐30'26 | 1♉24 | 19♏18 | 25♑36 | 24♎49 | 11°R34 | 9♐25 | 20♓48 | 18♍17 | 28°R47 | 7°R48 | 8♌48 | 4♉41 | 0°R34 | W 1 |
| T 2 | 4 42 58 | 9°31'03 | 13°18 | 20°32 | 26°35 | 25°26 | 11♊26 | 9°32 | 20°49 | 18°18 | 28♋46 | 7♌37 | 8°45 | 4°47 | 0♋31 | T 2 |
| F 3 | 4 46 55 | 10°31'42 | 25°16 | 21°49 | 27°33 | 26° 4 | 11°17 | 9°39 | 20°49 | 18°18 | 28°45 | 7°25 | 8°42 | 4°54 | 0°28 | F 3 |
| S 4 | 4 50 52 | 11°32'22 | 7♊20 | 23° 9 | 28°31 | 26°41 | 11° 9 | 9°47 | 20°49 | 18°19 | 28°45 | 7°14 | 8°39 | 5° 1 | 0°24 | S 4 |
| S 5 | 4 54 48 | 12°33'03 | 19°31 | 24°30 | 29°28 | 27°18 | 11° 1 | 9°54 | 20°49 | 18°19 | 28°44 | 7° 4 | 8°35 | 5° 8 | 0°21 | S 5 |
| M 6 | 4 58 45 | 13°33'46 | 1♋50 | 25°54 | 0♒25 | 27°56 | 10°53 | 10° 1 | 20°49 | 18°20 | 28°43 | 6°57 | 8°32 | 5°14 | 0°17 | M 6 |
| T 7 | 5 2 41 | 14°34'30 | 14°18 | 27°18 | 1°22 | 28°33 | 10°45 | 10° 8 | 20°50 | 18°20 | 28°42 | 6°52 | 8°29 | 5°21 | 0°13 | T 7 |
| W 8 | 5 6 38 | 15°35'16 | 26°56 | 28°45 | 2°17 | 29°11 | 10°37 | 10°15 | 20°50 | 18°21 | 28°41 | 6°49 | 8°26 | 5°28 | 0°10 | W 8 |
| T 9 | 5 10 34 | 16°36'02 | 9♌46 | 0♐12 | 3°12 | 29°48 | 10°29 | 10°22 | 20°50 | 18°21 | 28°40 | 6°D49 | 8°23 | 5°34 | 0° 6 | T 9 |
| F 10 | 5 14 31 | 17°36'51 | 22°50 | 1°40 | 4° 7 | 0♏25 | 10°20 | 10°29 | 20°51 | 18°22 | 28°39 | 6°49 | 8°20 | 5°41 | 0° 3 | F 10 |
| S 11 | 5 18 27 | 18°37'40 | 6♍ 9 | 3° 9 | 5° 1 | 1° 2 | 10°12 | 10°36 | 20°51 | 18°22 | 28°38 | 6°51 | 8°16 | 5°48 | 29♊59 | S 11 |
| S 12 | 5 22 24 | 19°38'31 | 19°48 | 4°38 | 5°54 | 1°40 | 10° 4 | 10°43 | 20°52 | 18°22 | 28°38 | 6°R51 | 8°13 | 5°55 | 29°55 | S 12 |
| M13 | 5 26 21 | 20°39'23 | 3♎46 | 6° 8 | 6°47 | 2°17 | 9°57 | 10°51 | 20°53 | 18°23 | 28°37 | 6°50 | 8°10 | 6° 1 | 29°52 | M13 |
| T 14 | 5 30 17 | 21°40'17 | 18° 3 | 7°39 | 7°39 | 2°54 | 9°49 | 10°58 | 20°53 | 18°23 | 28°36 | 6°48 | 8° 7 | 6° 8 | 29°48 | T 14 |
| W15 | 5 34 14 | 22°41'12 | 2♏38 | 9°10 | 8°30 | 3°32 | 9°41 | 11° 5 | 20°54 | 18°23 | 28°35 | 6°43 | 8° 4 | 6°15 | 29°44 | W15 |
| T 16 | 5 38 10 | 23°42'08 | 17°25 | 10°41 | 9°20 | 4° 9 | 9°33 | 11°12 | 20°55 | 18°23 | 28°34 | 6°37 | 8° 0 | 6°22 | 29°40 | T 16 |
| F 17 | 5 42 7 | 24°43'05 | 2♐19 | 12°12 | 10°10 | 4°46 | 9°25 | 11°19 | 20°56 | 18°23 | 28°33 | 6°30 | 7°57 | 6°28 | 29°36 | F 17 |
| S 18 | 5 46 3 | 25°44'04 | 17° 9 | 13°44 | 10°59 | 5°23 | 9°18 | 11°26 | 20°56 | 18°24 | 28°32 | 6°23 | 7°54 | 6°35 | 29°33 | S 18 |
| S 19 | 5 50 0 | 26°45'03 | 1♑49 | 15°16 | 11°47 | 6° 0 | 9°10 | 11°33 | 20°57 | 18°24 | 28°30 | 6°18 | 7°51 | 6°42 | 29°29 | S 19 |
| M20 | 5 53 56 | 27°46'03 | 16°10 | 16°48 | 12°34 | 6°38 | 9° 3 | 11°40 | 20°58 | 18°24 | 28°29 | 6°14 | 7°48 | 6°48 | 29°25 | M20 |
| T 21 | 5 57 53 | 28°47'04 | 0♒ 7 | 18°21 | 13°20 | 7°15 | 8°56 | 11°47 | 20°59 | 18°R24 | 28°28 | 6°D13 | 7°45 | 6°55 | 29°21 | T 21 |
| W22 | 6 1 50 | 29°48'06 | 13°39 | 19°53 | 14° 6 | 7°52 | 8°49 | 11°53 | 21° 1 | 18°24 | 28°27 | 6°13 | 7°41 | 7° 2 | 29°17 | W22 |
| T 23 | 6 5 46 | 0♑49'08 | 26°45 | 21°26 | 14°50 | 8°29 | 8°42 | 12° 0 | 21° 2 | 18°24 | 28°26 | 6°14 | 7°38 | 7° 9 | 29°14 | T 23 |
| F 24 | 6 9 43 | 1°50'10 | 9♓27 | 22°58 | 15°33 | 9° 6 | 8°35 | 12° 7 | 21° 3 | 18°24 | 28°25 | 6°16 | 7°35 | 7°15 | 29°10 | F 24 |
| S 25 | 6 13 39 | 2°51'13 | 21°51 | 24°31 | 16°15 | 9°43 | 8°28 | 12°14 | 21° 4 | 18°23 | 28°24 | 6°17 | 7°32 | 7°22 | 29° 6 | S 25 |
| S 26 | 6 17 36 | 3°52'16 | 3♈59 | 26° 4 | 16°56 | 10°20 | 8°21 | 12°21 | 21° 5 | 18°23 | 28°23 | 6°R18 | 7°29 | 7°29 | 29° 2 | S 26 |
| M27 | 6 21 32 | 4°53'19 | 15°57 | 27°38 | 17°36 | 10°57 | 8°15 | 12°28 | 21° 7 | 18°23 | 28°22 | 6°17 | 7°26 | 7°36 | 28°58 | M27 |
| T 28 | 6 25 29 | 5°54'23 | 27°49 | 29°11 | 18°14 | 11°34 | 8° 8 | 12°34 | 21° 8 | 18°23 | 28°20 | 6°15 | 7°22 | 7°42 | 28°55 | T 28 |
| W29 | 6 29 25 | 6°55'27 | 9♉41 | 0♑45 | 18°51 | 12°11 | 8° 2 | 12°41 | 21° 9 | 18°23 | 28°19 | 6°11 | 7°19 | 7°49 | 28°51 | W29 |
| T 30 | 6 33 22 | 7°56'31 | 21°36 | 2°18 | 19°27 | 12°48 | 7°56 | 12°48 | 21°11 | 18°22 | 28°18 | 6° 7 | 7°16 | 7°56 | 28°47 | T 30 |
| F 31 | 6 37 19 | 8♑57'36 | 3♊38 | 3♑52 | 20♒ 1 | 13♏25 | 7♊50 | 12♐54 | 21♓12 | 18♍22 | 28♋17 | 6♌ 2 | 7♌13 | 8♉ 2 | 28♊43 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21s40 | 7n13 | 5s 2 | 15s24 | 2n12 | 23s58 | 3s 3 | 8s34 | 1n 5 | 21n14 | 0s53 | 20s 9 | 1n40 | 4s21 | 0s47 | 5n25 | 0n52 | 20n51 | 0n31 | 18n17 | 18n 1 | 8n13 | 16n51 | 6s32 |
| T 2 | 21 49 | 10 59 | 5 2 | 15 48 | 2 7 | 23 45 | 3 1 | 8 48 | 1 5 | 21 13 | 0 53 | 20 11 | 1 40 | 4 21 | 0 47 | 5 25 | 0 52 | 20 51 | 0 31 | 18 19 | 18 2 | 8 15 | 16 50 | 6 33 |
| F 3 | 21 58 | 14 21 | 4 49 | 16 13 | 2 2 | 23 31 | 2 59 | 9 2 | 1 5 | 21 12 | 0 53 | 20 12 | 1 40 | 4 21 | 0 47 | 5 24 | 0 52 | 20 52 | 0 31 | 18 22 | 18 3 | 8 17 | 16 50 | 6 33 |
| S 4 | 22 7 | 17 9 | 4 24 | 16 39 | 1 56 | 23 17 | 2 57 | 9 16 | 1 5 | 21 11 | 0 53 | 20 13 | 1 40 | 4 21 | 0 47 | 5 24 | 0 52 | 20 52 | 0 31 | 18 25 | 18 3 | 8 19 | 16 50 | 6 33 |
| S 5 | 22 15 | 19 13 | 3 45 | 17 4 | 1 50 | 23 3 | 2 54 | 9 29 | 1 5 | 21 10 | 0 53 | 20 14 | 1 40 | 4 21 | 0 47 | 5 24 | 0 52 | 20 52 | 0 31 | 18 28 | 18 4 | 8 21 | 16 50 | 6 33 |
| M 6 | 22 22 | 20 26 | 2 56 | 17 30 | 1 44 | 22 48 | 2 52 | 9 43 | 1 4 | 21 9 | 0 53 | 20 15 | 1 40 | 4 21 | 0 47 | 5 24 | 0 52 | 20 52 | 0 31 | 18 30 | 18 5 | 8 23 | 16 49 | 6 34 |
| T 7 | 22 30 | 20 40 | 1 58 | 17 56 | 1 37 | 22 33 | 2 49 | 9 56 | 1 4 | 21 8 | 0 52 | 20 16 | 1 40 | 4 20 | 0 47 | 5 24 | 0 52 | 20 53 | 0 31 | 18 31 | 18 6 | 8 25 | 16 49 | 6 34 |
| W 8 | 22 36 | 19 51 | 0 53 | 18 22 | 1 30 | 22 17 | 2 45 | 10 9 | 1 4 | 21 7 | 0 52 | 20 17 | 1 40 | 4 20 | 0 47 | 5 24 | 0 52 | 20 53 | 0 31 | 18 31 | 18 7 | 8 28 | 16 49 | 6 34 |
| T 9 | 22 43 | 18 1 | 0n16 | 18 47 | 1 23 | 22 1 | 2 42 | 10 23 | 1 4 | 21 6 | 0 52 | 20 18 | 1 40 | 4 20 | 0 47 | 5 23 | 0 52 | 20 53 | 0 31 | 18 32 | 18 8 | 8 30 | 16 49 | 6 34 |
| F 10 | 22 48 | 15 13 | 1 25 | 19 12 | 1 16 | 21 45 | 2 39 | 10 36 | 1 4 | 21 5 | 0 52 | 20 19 | 1 40 | 4 20 | 0 46 | 5 23 | 0 52 | 20 53 | 0 31 | 18 31 | 18 8 | 8 32 | 16 48 | 6 35 |
| S 11 | 22 54 | 11 35 | 2 32 | 19 37 | 1 9 | 21 28 | 2 35 | 10 49 | 1 3 | 21 4 | 0 52 | 20 20 | 1 40 | 4 20 | 0 46 | 5 23 | 0 52 | 20 54 | 0 31 | 18 31 | 18 9 | 8 34 | 16 48 | 6 35 |
| S 12 | 22 59 | 7 16 | 3 31 | 20 0 | 1 1 | 21 11 | 2 31 | 11 2 | 1 3 | 21 3 | 0 52 | 20 21 | 1 40 | 4 19 | 0 46 | 5 23 | 0 52 | 20 54 | 0 31 | 18 31 | 18 10 | 8 36 | 16 48 | 6 35 |
| M13 | 23 3 | 2 28 | 4 19 | 20 24 | 0 54 | 20 54 | 2 27 | 11 15 | 1 3 | 21 2 | 0 52 | 20 22 | 1 40 | 4 19 | 0 46 | 5 23 | 0 52 | 20 54 | 0 32 | 18 31 | 18 11 | 8 38 | 16 48 | 6 35 |
| T 14 | 23 7 | 2s33 | 4 52 | 20 46 | 0 47 | 20 36 | 2 22 | 11 28 | 1 3 | 21 1 | 0 51 | 20 23 | 1 40 | 4 19 | 0 46 | 5 23 | 0 52 | 20 55 | 0 32 | 18 32 | 18 12 | 8 40 | 16 48 | 6 35 |
| W15 | 23 11 | 7 32 | 5 8 | 21 7 | 0 39 | 20 18 | 2 17 | 11 41 | 1 2 | 21 0 | 0 51 | 20 24 | 1 40 | 4 18 | 0 46 | 5 23 | 0 52 | 20 55 | 0 32 | 18 33 | 18 12 | 8 43 | 16 47 | 6 35 |
| T 16 | 23 14 | 12 8 | 5 3 | 21 28 | 0 32 | 20 0 | 2 12 | 11 54 | 1 2 | 20 59 | 0 51 | 20 25 | 1 40 | 4 18 | 0 46 | 5 23 | 0 52 | 20 55 | 0 32 | 18 35 | 18 13 | 8 45 | 16 47 | 6 36 |
| F 17 | 23 17 | 16 1 | 4 38 | 21 48 | 0 25 | 19 42 | 2 7 | 12 6 | 1 2 | 20 58 | 0 51 | 20 26 | 1 40 | 4 18 | 0 46 | 5 23 | 0 52 | 20 55 | 0 32 | 18 36 | 18 14 | 8 47 | 16 47 | 6 36 |
| S 18 | 23 19 | 18 52 | 3 55 | 22 6 | 0 17 | 19 23 | 2 2 | 12 19 | 1 2 | 20 57 | 0 51 | 20 27 | 1 40 | 4 17 | 0 46 | 5 23 | 0 52 | 20 56 | 0 32 | 18 38 | 18 15 | 8 49 | 16 47 | 6 36 |
| S 19 | 23 21 | 20 26 | 2 56 | 22 24 | 0 10 | 19 4 | 1 56 | 12 32 | 1 1 | 20 56 | 0 50 | 20 28 | 1 40 | 4 17 | 0 46 | 5 23 | 0 52 | 20 56 | 0 32 | 18 39 | 18 16 | 8 51 | 16 47 | 6 36 |
| M20 | 23 22 | 20 38 | 1 47 | 22 41 | 0 3 | 18 45 | 1 50 | 12 44 | 1 1 | 20 56 | 0 50 | 20 29 | 1 40 | 4 17 | 0 46 | 5 23 | 0 52 | 20 56 | 0 32 | 18 40 | 18 17 | 8 53 | 16 47 | 6 36 |
| T 21 | 23 23 | 19 32 | 0 33 | 22 56 | 0s 4 | 18 26 | 1 44 | 12 56 | 1 1 | 20 55 | 0 50 | 20 30 | 1 40 | 4 16 | 0 46 | 5 23 | 0 52 | 20 56 | 0 32 | 18 40 | 18 17 | 8 55 | 16 47 | 6 36 |
| W22 | 23 23 | 17 20 | 0s40 | 23 11 | 0 11 | 18 7 | 1 37 | 13 9 | 1 0 | 20 54 | 0 50 | 20 31 | 1 40 | 4 16 | 0 46 | 5 23 | 0 52 | 20 57 | 0 32 | 18 40 | 18 18 | 8 58 | 16 46 | 6 36 |
| T 23 | 23 23 | 14 17 | 1 50 | 23 24 | 0 18 | 17 47 | 1 31 | 13 21 | 1 0 | 20 53 | 0 50 | 20 32 | 1 40 | 4 15 | 0 46 | 5 23 | 0 52 | 20 57 | 0 32 | 18 40 | 18 19 | 9 0 | 16 46 | 6 36 |
| F 24 | 23 22 | 10 39 | 2 51 | 23 36 | 0 25 | 17 28 | 1 23 | 13 33 | 1 0 | 20 52 | 0 50 | 20 32 | 1 40 | 4 15 | 0 46 | 5 23 | 0 52 | 20 57 | 0 32 | 18 40 | 18 20 | 9 2 | 16 46 | 6 36 |
| S 25 | 23 21 | 6 39 | 3 43 | 23 47 | 0 31 | 17 8 | 1 16 | 13 45 | 1 0 | 20 51 | 0 49 | 20 33 | 1 40 | 4 14 | 0 46 | 5 23 | 0 52 | 20 58 | 0 32 | 18 39 | 18 21 | 9 4 | 16 46 | 6 37 |
| S 26 | 23 20 | 2 28 | 4 24 | 23 57 | 0 38 | 16 49 | 1 8 | 13 57 | 0 59 | 20 50 | 0 49 | 20 34 | 1 40 | 4 14 | 0 46 | 5 23 | 0 53 | 20 58 | 0 32 | 18 39 | 18 21 | 9 6 | 16 46 | 6 37 |
| M27 | 23 18 | 1n45 | 4 53 | 24 6 | 0 44 | 16 29 | 1 0 | 14 9 | 0 59 | 20 49 | 0 49 | 20 35 | 1 40 | 4 13 | 0 46 | 5 23 | 0 53 | 20 58 | 0 33 | 18 39 | 18 22 | 9 8 | 16 46 | 6 37 |
| T 28 | 23 15 | 5 51 | 5 9 | 24 13 | 0 50 | 16 9 | 0 52 | 14 20 | 0 59 | 20 49 | 0 49 | 20 36 | 1 40 | 4 12 | 0 46 | 5 24 | 0 53 | 20 59 | 0 33 | 18 40 | 18 23 | 9 10 | 16 46 | 6 37 |
| W29 | 23 12 | 9 44 | 5 12 | 24 19 | 0 56 | 15 50 | 0 44 | 14 32 | 0 58 | 20 48 | 0 48 | 20 37 | 1 40 | 4 12 | 0 46 | 5 24 | 0 53 | 20 59 | 0 33 | 18 41 | 18 24 | 9 13 | 16 46 | 6 37 |
| T 30 | 23 9 | 13 16 | 5 1 | 24 24 | 1 2 | 15 30 | 0 35 | 14 43 | 0 58 | 20 47 | 0 48 | 20 38 | 1 40 | 4 11 | 0 46 | 5 24 | 0 53 | 20 59 | 0 33 | 18 42 | 18 25 | 9 15 | 16 46 | 6 37 |
| F 31 | 23s 5 | 16n17 | 4s37 | 24s27 | 1s 8 | 15s11 | 0s25 | 14s55 | 0n58 | 20n46 | 0s48 | 20s38 | 1n40 | 4s11 | 0s46 | 5n24 | 0n53 | 20n59 | 0n33 | 18n43 | 18n25 | 9n17 | 16n46 | 6s37 |

Julian Day Number = 2607837.5, Delta T = 10m00s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'23, Lahiri = 29°50'24


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## JANUARY 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 41 15 | 9♑58'40 | 15♊49 | 5♑27 | 20♒34 | 14♏ 2 | 7°R44 | 13♐ 1 | 21♓14 | 18°R22 | 28°R16 | 5°R57 | 7♌10 | 8♉ 9 | 28°R40 | S 1 |
| S 2 | 6 45 12 | 10°59'46 | 28°11 | 7° 1 | 21° 6 | 14°39 | 7♊38 | 13° 8 | 21°16 | 18♍21 | 28♋14 | 5♌53 | 7° 6 | 8°16 | 28♊36 | S 2 |
| M 3 | 6 49 8 | 12° 0'51 | 10♋45 | 8°36 | 21°35 | 15°16 | 7°33 | 13°14 | 21°17 | 18°21 | 28°13 | 5°50 | 7° 3 | 8°23 | 28°32 | M 3 |
| T 4 | 6 53 5 | 13° 1'57 | 23°32 | 10°10 | 22° 4 | 15°53 | 7°27 | 13°21 | 21°19 | 18°20 | 28°12 | 5°48 | 7° 0 | 8°29 | 28°29 | T 4 |
| W 5 | 6 57 1 | 14° 3'03 | 6♌31 | 11°46 | 22°30 | 16°30 | 7°22 | 13°27 | 21°21 | 18°20 | 28°11 | 5°D48 | 6°57 | 8°36 | 28°25 | W 5 |
| T 6 | 7 0 58 | 15° 4'09 | 19°43 | 13°21 | 22°55 | 17° 7 | 7°17 | 13°34 | 21°22 | 18°19 | 28° 9 | 5°48 | 6°54 | 8°43 | 28°21 | T 6 |
| F 7 | 7 4 54 | 16° 5'16 | 3♍ 7 | 14°57 | 23°18 | 17°43 | 7°12 | 13°40 | 21°24 | 18°19 | 28° 8 | 5°49 | 6°51 | 8°50 | 28°18 | F 7 |
| S 8 | 7 8 51 | 17° 6'23 | 16°42 | 16°33 | 23°39 | 18°20 | 7° 8 | 13°46 | 21°26 | 18°18 | 28° 7 | 5°51 | 6°47 | 8°56 | 28°14 | S 8 |
| S 9 | 7 12 48 | 18° 7'30 | 0♎30 | 18° 9 | 23°58 | 18°57 | 7° 3 | 13°53 | 21°28 | 18°17 | 28° 6 | 5°52 | 6°44 | 9° 3 | 28°11 | S 9 |
| M10 | 7 16 44 | 19° 8'38 | 14°28 | 19°46 | 24°15 | 19°34 | 6°59 | 13°59 | 21°30 | 18°17 | 28° 4 | 5°R53 | 6°41 | 9°10 | 28° 7 | M10 |
| T 11 | 7 20 41 | 20° 9'46 | 28°37 | 21°23 | 24°29 | 20°10 | 6°55 | 14° 5 | 21°32 | 18°16 | 28° 3 | 5°53 | 6°38 | 9°16 | 28° 4 | T 11 |
| W12 | 7 24 37 | 21°10'54 | 12♏53 | 23° 1 | 24°42 | 20°47 | 6°51 | 14°12 | 21°34 | 18°15 | 28° 2 | 5°52 | 6°35 | 9°23 | 28° 0 | W12 |
| T 13 | 7 28 34 | 22°12'03 | 27°16 | 24°39 | 24°53 | 21°24 | 6°47 | 14°18 | 21°36 | 18°15 | 28° 1 | 5°50 | 6°32 | 9°30 | 27°57 | T 13 |
| F 14 | 7 32 30 | 23°13'12 | 11♐40 | 26°17 | 25° 1 | 22° 0 | 6°44 | 14°24 | 21°38 | 18°14 | 27°59 | 5°49 | 6°28 | 9°37 | 27°54 | F 14 |
| S 15 | 7 36 27 | 24°14'21 | 26° 1 | 27°55 | 25° 7 | 22°37 | 6°40 | 14°30 | 21°40 | 18°13 | 27°58 | 5°47 | 6°25 | 9°43 | 27°50 | S 15 |
| S 16 | 7 40 23 | 25°15'30 | 10♑14 | 29°34 | 25°11 | 23°14 | 6°37 | 14°36 | 21°43 | 18°12 | 27°57 | 5°46 | 6°22 | 9°50 | 27°47 | S 16 |
| M17 | 7 44 20 | 26°16'39 | 24°15 | 1♒14 | 25°R12 | 23°50 | 6°34 | 14°42 | 21°45 | 18°11 | 27°55 | 5°45 | 6°19 | 9°57 | 27°44 | M17 |
| T 18 | 7 48 17 | 27°17'48 | 7♒58 | 2°54 | 25°11 | 24°27 | 6°32 | 14°48 | 21°47 | 18°11 | 27°54 | 5°D45 | 6°16 | 10° 3 | 27°41 | T 18 |
| W19 | 7 52 13 | 28°18'56 | 21°23 | 4°34 | 25° 7 | 25° 3 | 6°29 | 14°53 | 21°50 | 18°10 | 27°53 | 5°45 | 6°12 | 10°10 | 27°38 | W19 |
| T 20 | 7 56 10 | 29°20'04 | 4♓26 | 6°14 | 25° 1 | 25°40 | 6°27 | 14°59 | 21°52 | 18° 9 | 27°52 | 5°46 | 6° 9 | 10°17 | 27°35 | T 20 |
| F 21 | 8 0 6 | 0♒21'11 | 17°10 | 7°55 | 24°52 | 26°16 | 6°24 | 15° 5 | 21°54 | 18° 8 | 27°50 | 5°47 | 6° 6 | 10°24 | 27°32 | F 21 |
| S 22 | 8 4 3 | 1°22'18 | 29°36 | 9°36 | 24°41 | 26°53 | 6°23 | 15°11 | 21°57 | 18° 7 | 27°49 | 5°47 | 6° 3 | 10°30 | 27°29 | S 22 |
| S 23 | 8 7 59 | 2°23'24 | 11♈48 | 11°17 | 24°27 | 27°29 | 6°21 | 15°16 | 21°59 | 18° 6 | 27°48 | 5°48 | 6° 0 | 10°37 | 27°26 | S 23 |
| M24 | 8 11 56 | 3°24'29 | 23°48 | 12°59 | 24°11 | 28° 5 | 6°19 | 15°22 | 22° 2 | 18° 5 | 27°46 | 5°48 | 5°57 | 10°44 | 27°23 | M24 |
| T 25 | 8 15 52 | 4°25'34 | 5♉42 | 14°40 | 23°52 | 28°42 | 6°18 | 15°27 | 22° 4 | 18° 3 | 27°45 | 5°R48 | 5°53 | 10°51 | 27°20 | T 25 |
| W26 | 8 19 49 | 5°26'38 | 17°34 | 16°21 | 23°31 | 29°18 | 6°17 | 15°33 | 22° 7 | 18° 2 | 27°44 | 5°D48 | 5°50 | 10°57 | 27°17 | W26 |
| T 27 | 8 23 46 | 6°27'41 | 29°30 | 18° 3 | 23° 8 | 29°54 | 6°16 | 15°38 | 22° 9 | 18° 1 | 27°43 | 5°48 | 5°47 | 11° 4 | 27°15 | T 27 |
| F 28 | 8 27 42 | 7°28'43 | 11♊33 | 19°44 | 22°42 | 0♐30 | 6°15 | 15°43 | 22°12 | 18° 0 | 27°41 | 5°48 | 5°44 | 11°11 | 27°12 | F 28 |
| S 29 | 8 31 39 | 8°29'45 | 23°47 | 21°24 | 22°15 | 1° 6 | 6°15 | 15°49 | 22°15 | 17°59 | 27°40 | 5°48 | 5°41 | 11°17 | 27° 9 | S 29 |
| S 30 | 8 35 35 | 9°30'45 | 6♋17 | 23° 4 | 21°45 | 1°43 | 6°15 | 15°54 | 22°17 | 17°58 | 27°39 | 5°49 | 5°37 | 11°24 | 27° 7 | S 30 |
| M31 | 8 39 32 | 10♒31'45 | 19♋ 3 | 24♒43 | 21♒14 | 2♐19 | 6°D14 | 15♐59 | 22♓20 | 17♍56 | 27♋37 | 5♌49 | 5♌34 | 11♉31 | 27♊ 4 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 0 | 18n38 | 4s 1 | 24s29 | 1s13 | 14s51 | 0s16 | 15s 6 | 0n57 | 20n46 | 0s48 | 20s39 | 1n40 | 4s10 | 0s46 | 5n24 | 0n53 | 21n 0 | 0n33 | 18n44 | 18n26 | 9n19 | 16n46 | 6s37 |
| S 2 | 22 56 | 20 10 | 3 12 | 24 30 | 1 19 | 14 32 | 0 6 | 15 17 | 0 57 | 20 45 | 0 48 | 20 40 | 1 40 | 4 9 | 0 46 | 5 24 | 0 53 | 21 0 | 0 33 | 18 45 | 18 27 | 9 21 | 16 46 | 6 37 |
| M 3 | 22 50 | 20 44 | 2 13 | 24 30 | 1 24 | 14 13 | 0n 4 | 15 28 | 0 57 | 20 44 | 0 47 | 20 41 | 1 40 | 4 9 | 0 46 | 5 25 | 0 53 | 21 0 | 0 33 | 18 46 | 18 28 | 9 23 | 16 46 | 6 37 |
| T 4 | 22 45 | 20 14 | 1 7 | 24 28 | 1 29 | 13 53 | 0 15 | 15 39 | 0 56 | 20 44 | 0 47 | 20 42 | 1 40 | 4 8 | 0 45 | 5 25 | 0 53 | 21 1 | 0 33 | 18 47 | 18 29 | 9 25 | 16 46 | 6 37 |
| W 5 | 22 39 | 18 40 | 0n 4 | 24 25 | 1 33 | 13 35 | 0 26 | 15 50 | 0 56 | 20 43 | 0 47 | 20 42 | 1 40 | 4 7 | 0 45 | 5 25 | 0 53 | 21 1 | 0 33 | 18 47 | 18 29 | 9 27 | 16 46 | 6 36 |
| T 6 | 22 32 | 16 4 | 1 16 | 24 20 | 1 38 | 13 16 | 0 37 | 16 1 | 0 56 | 20 42 | 0 47 | 20 43 | 1 40 | 4 6 | 0 45 | 5 25 | 0 53 | 21 1 | 0 33 | 18 47 | 18 30 | 9 30 | 16 46 | 6 36 |
| F 7 | 22 25 | 12 36 | 2 25 | 24 14 | 1 42 | 12 58 | 0 48 | 16 11 | 0 55 | 20 42 | 0 46 | 20 44 | 1 40 | 4 6 | 0 45 | 5 25 | 0 53 | 21 2 | 0 33 | 18 46 | 18 31 | 9 32 | 16 46 | 6 36 |
| S 8 | 22 17 | 8 25 | 3 27 | 24 6 | 1 46 | 12 40 | 1 0 | 16 22 | 0 55 | 20 41 | 0 46 | 20 45 | 1 40 | 4 5 | 0 45 | 5 26 | 0 53 | 21 2 | 0 33 | 18 46 | 18 32 | 9 34 | 16 46 | 6 36 |
| S 9 | 22 9 | 3 45 | 4 18 | 23 57 | 1 49 | 12 22 | 1 12 | 16 32 | 0 55 | 20 41 | 0 46 | 20 45 | 1 40 | 4 4 | 0 45 | 5 26 | 0 53 | 21 2 | 0 33 | 18 46 | 18 33 | 9 36 | 16 46 | 6 36 |
| M10 | 22 1 | 1s10 | 4 54 | 23 47 | 1 52 | 12 5 | 1 25 | 16 43 | 0 54 | 20 40 | 0 46 | 20 46 | 1 40 | 4 3 | 0 45 | 5 26 | 0 53 | 21 3 | 0 33 | 18 45 | 18 33 | 9 38 | 16 46 | 6 36 |
| T 11 | 21 52 | 6 4 | 5 13 | 23 35 | 1 55 | 11 48 | 1 37 | 16 53 | 0 54 | 20 40 | 0 46 | 20 47 | 1 40 | 4 3 | 0 45 | 5 27 | 0 53 | 21 3 | 0 34 | 18 45 | 18 34 | 9 40 | 16 46 | 6 36 |
| W12 | 21 43 | 10 41 | 5 14 | 23 22 | 1 58 | 11 31 | 1 51 | 17 3 | 0 53 | 20 39 | 0 45 | 20 47 | 1 40 | 4 2 | 0 45 | 5 27 | 0 53 | 21 3 | 0 34 | 18 46 | 18 35 | 9 42 | 16 46 | 6 36 |
| T 13 | 21 33 | 14 43 | 4 54 | 23 7 | 2 1 | 11 15 | 2 4 | 17 13 | 0 53 | 20 39 | 0 45 | 20 48 | 1 40 | 4 1 | 0 45 | 5 27 | 0 53 | 21 4 | 0 34 | 18 46 | 18 36 | 9 44 | 16 46 | 6 36 |
| F 14 | 21 23 | 17 54 | 4 16 | 22 51 | 2 3 | 10 59 | 2 18 | 17 23 | 0 53 | 20 39 | 0 45 | 20 49 | 1 40 | 4 0 | 0 45 | 5 28 | 0 53 | 21 4 | 0 34 | 18 46 | 18 37 | 9 47 | 16 46 | 6 35 |
| S 15 | 21 13 | 19 57 | 3 23 | 22 33 | 2 4 | 10 44 | 2 32 | 17 32 | 0 52 | 20 38 | 0 45 | 20 49 | 1 40 | 3 59 | 0 45 | 5 28 | 0 53 | 21 4 | 0 34 | 18 47 | 18 37 | 9 49 | 16 47 | 6 35 |
| S 16 | 21 2 | 20 43 | 2 17 | 22 14 | 2 6 | 10 30 | 2 46 | 17 42 | 0 52 | 20 38 | 0 44 | 20 50 | 1 40 | 3 58 | 0 45 | 5 28 | 0 53 | 21 5 | 0 34 | 18 47 | 18 38 | 9 51 | 16 47 | 6 35 |
| M17 | 20 51 | 20 10 | 1 3 | 21 54 | 2 7 | 10 16 | 3 0 | 17 52 | 0 51 | 20 38 | 0 44 | 20 50 | 1 41 | 3 57 | 0 45 | 5 29 | 0 53 | 21 5 | 0 34 | 18 47 | 18 39 | 9 53 | 16 47 | 6 35 |
| T 18 | 20 39 | 18 26 | 0s12 | 21 32 | 2 7 | 10 2 | 3 15 | 18 1 | 0 51 | 20 38 | 0 44 | 20 51 | 1 41 | 3 56 | 0 45 | 5 29 | 0 53 | 21 5 | 0 34 | 18 47 | 18 40 | 9 55 | 16 47 | 6 35 |
| W19 | 20 27 | 15 42 | 1 26 | 21 8 | 2 7 | 9 49 | 3 30 | 18 10 | 0 50 | 20 37 | 0 44 | 20 52 | 1 41 | 3 55 | 0 45 | 5 29 | 0 53 | 21 6 | 0 34 | 18 47 | 18 41 | 9 57 | 16 47 | 6 35 |
| T 20 | 20 14 | 12 14 | 2 32 | 20 43 | 2 7 | 9 37 | 3 44 | 18 19 | 0 50 | 20 37 | 0 43 | 20 52 | 1 41 | 3 54 | 0 45 | 5 30 | 0 53 | 21 6 | 0 34 | 18 47 | 18 41 | 9 59 | 16 47 | 6 34 |
| F 21 | 20 2 | 8 17 | 3 30 | 20 17 | 2 6 | 9 26 | 3 59 | 18 28 | 0 49 | 20 37 | 0 43 | 20 53 | 1 41 | 3 53 | 0 45 | 5 30 | 0 53 | 21 6 | 0 34 | 18 47 | 18 42 | 10 1 | 16 47 | 6 34 |
| S 22 | 19 48 | 4 5 | 4 16 | 19 49 | 2 5 | 9 16 | 4 15 | 18 37 | 0 49 | 20 37 | 0 43 | 20 53 | 1 41 | 3 53 | 0 45 | 5 31 | 0 54 | 21 7 | 0 34 | 18 47 | 18 43 | 10 4 | 16 48 | 6 34 |
| S 23 | 19 35 | 0n12 | 4 50 | 19 19 | 2 3 | 9 6 | 4 30 | 18 46 | 0 49 | 20 37 | 0 43 | 20 54 | 1 41 | 3 52 | 0 45 | 5 31 | 0 54 | 21 7 | 0 34 | 18 47 | 18 44 | 10 6 | 16 48 | 6 34 |
| M24 | 19 21 | 4 24 | 5 10 | 18 49 | 2 1 | 8 57 | 4 45 | 18 54 | 0 48 | 20 37 | 0 42 | 20 54 | 1 41 | 3 50 | 0 45 | 5 32 | 0 54 | 21 7 | 0 34 | 18 47 | 18 44 | 10 8 | 16 48 | 6 33 |
| T 25 | 19 7 | 8 24 | 5 17 | 18 16 | 1 58 | 8 49 | 5 0 | 19 3 | 0 48 | 20 37 | 0 42 | 20 55 | 1 41 | 3 49 | 0 45 | 5 32 | 0 54 | 21 7 | 0 34 | 18 47 | 18 45 | 10 10 | 16 48 | 6 33 |
| W26 | 18 52 | 12 4 | 5 11 | 17 43 | 1 55 | 8 41 | 5 15 | 19 11 | 0 47 | 20 37 | 0 42 | 20 55 | 1 41 | 3 48 | 0 45 | 5 32 | 0 54 | 21 8 | 0 35 | 18 47 | 18 46 | 10 12 | 16 48 | 6 33 |
| T 27 | 18 37 | 15 16 | 4 51 | 17 8 | 1 50 | 8 35 | 5 29 | 19 19 | 0 47 | 20 37 | 0 42 | 20 56 | 1 41 | 3 47 | 0 45 | 5 33 | 0 54 | 21 8 | 0 35 | 18 47 | 18 47 | 10 14 | 16 49 | 6 33 |
| F 28 | 18 21 | 17 51 | 4 18 | 16 32 | 1 46 | 8 30 | 5 44 | 19 27 | 0 46 | 20 37 | 0 41 | 20 56 | 1 41 | 3 46 | 0 45 | 5 33 | 0 54 | 21 8 | 0 35 | 18 47 | 18 48 | 10 16 | 16 49 | 6 32 |
| S 29 | 18 6 | 19 42 | 3 33 | 15 55 | 1 40 | 8 25 | 5 58 | 19 35 | 0 46 | 20 37 | 0 41 | 20 57 | 1 41 | 3 45 | 0 45 | 5 34 | 0 54 | 21 9 | 0 35 | 18 47 | 18 48 | 10 18 | 16 49 | 6 32 |
| S 30 | 17 50 | 20 38 | 2 37 | 15 17 | 1 34 | 8 21 | 6 11 | 19 43 | 0 45 | 20 38 | 0 41 | 20 57 | 1 41 | 3 44 | 0 45 | 5 34 | 0 54 | 21 9 | 0 35 | 18 46 | 18 49 | 10 20 | 16 49 | 6 32 |
| M31 | 17s33 | 20n31 | 1s32 | 14s38 | 1s28 | 8s19 | 6n24 | 19s51 | 0n44 | 20n38 | 0s41 | 20s58 | 1n41 | 3s43 | 0s45 | 5n35 | 0n54 | 21n 9 | 0n35 | 18n46 | 18n50 | 10n23 | 16n50 | 6s32 |

Julian Day Number = 2607868.5, Delta T = 10m01s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'27, Lahiri = 29°50'29


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## FEBRUARY 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 43 28 | 11♒32'44 | 2♌ 7 | 26♒21 | 20°R41 | 2♐55 | 6♊15 | 16♐ 4 | 22♓23 | 17°R55 | 27°R36 | 5°R49 | 5♌31 | 11♉38 | 27°R 2 | T 1 |
| W 2 | 8 47 25 | 12°33'42 | 15°29 | 27°58 | 20♒ 7 | 3°31 | 6°15 | 16° 9 | 22°26 | 17♍54 | 27♋35 | 5♌49 | 5°28 | 11°44 | 27♊ 0 | W 2 |
| T 3 | 8 51 22 | 13°34'40 | 29° 7 | 29°32 | 19°32 | 4° 7 | 6°15 | 16°14 | 22°29 | 17°53 | 27°34 | 5°49 | 5°25 | 11°51 | 26°58 | T 3 |
| F 4 | 8 55 18 | 14°35'36 | 12♍59 | 1♓ 4 | 18°56 | 4°43 | 6°16 | 16°19 | 22°31 | 17°51 | 27°32 | 5°48 | 5°22 | 11°58 | 26°55 | F 4 |
| S 5 | 8 59 15 | 15°36'32 | 27° 2 | 2°34 | 18°19 | 5°19 | 6°17 | 16°23 | 22°34 | 17°50 | 27°31 | 5°46 | 5°18 | 12° 4 | 26°53 | S 5 |
| S 6 | 9 3 11 | 16°37'27 | 11♎12 | 4° 0 | 17°42 | 5°54 | 6°18 | 16°28 | 22°37 | 17°49 | 27°30 | 5°45 | 5°15 | 12°11 | 26°51 | S 6 |
| M 7 | 9 7 8 | 17°38'21 | 25°26 | 5°22 | 17° 5 | 6°30 | 6°20 | 16°33 | 22°40 | 17°47 | 27°29 | 5°44 | 5°12 | 12°18 | 26°49 | M 7 |
| T 8 | 9 11 4 | 18°39'15 | 9♏40 | 6°40 | 16°28 | 7° 6 | 6°21 | 16°37 | 22°43 | 17°46 | 27°28 | 5°43 | 5° 9 | 12°25 | 26°47 | T 8 |
| W 9 | 9 15 1 | 19°40'08 | 23°52 | 7°52 | 15°51 | 7°42 | 6°23 | 16°42 | 22°46 | 17°44 | 27°26 | 5°D43 | 5° 6 | 12°31 | 26°46 | W 9 |
| T 10 | 9 18 57 | 20°41'00 | 7♐59 | 8°58 | 15°15 | 8°17 | 6°25 | 16°46 | 22°49 | 17°43 | 27°25 | 5°44 | 5° 3 | 12°38 | 26°44 | T 10 |
| F 11 | 9 22 54 | 21°41'51 | 21°59 | 9°58 | 14°40 | 8°53 | 6°27 | 16°50 | 22°52 | 17°41 | 27°24 | 5°45 | 4°59 | 12°45 | 26°42 | F 11 |
| S 12 | 9 26 50 | 22°42'42 | 5♑52 | 10°49 | 14° 6 | 9°29 | 6°29 | 16°54 | 22°55 | 17°40 | 27°23 | 5°46 | 4°56 | 12°52 | 26°41 | S 12 |
| S 13 | 9 30 47 | 23°43'32 | 19°35 | 11°33 | 13°34 | 10° 4 | 6°32 | 16°59 | 22°58 | 17°39 | 27°22 | 5°47 | 4°53 | 12°58 | 26°39 | S 13 |
| M14 | 9 34 44 | 24°44'21 | 3♒ 8 | 12° 7 | 13° 3 | 10°40 | 6°35 | 17° 3 | 23° 1 | 17°37 | 27°21 | 5°R48 | 4°50 | 13° 5 | 26°38 | M14 |
| T 15 | 9 38 40 | 25°45'09 | 16°28 | 12°31 | 12°33 | 11°15 | 6°38 | 17° 7 | 23° 5 | 17°36 | 27°20 | 5°48 | 4°47 | 13°12 | 26°36 | T 15 |
| W16 | 9 42 37 | 26°45'55 | 29°34 | 12°45 | 12° 6 | 11°51 | 6°41 | 17°10 | 23° 8 | 17°34 | 27°18 | 5°46 | 4°43 | 13°18 | 26°35 | W16 |
| T 17 | 9 46 33 | 27°46'41 | 12♓25 | 12°R48 | 11°41 | 12°26 | 6°44 | 17°14 | 23°11 | 17°32 | 27°17 | 5°44 | 4°40 | 13°25 | 26°34 | T 17 |
| F 18 | 9 50 30 | 28°47'25 | 25° 2 | 12°41 | 11°17 | 13° 1 | 6°48 | 17°18 | 23°14 | 17°31 | 27°16 | 5°40 | 4°37 | 13°32 | 26°33 | F 18 |
| S 19 | 9 54 26 | 29°48'07 | 7♈25 | 12°23 | 10°56 | 13°36 | 6°51 | 17°22 | 23°17 | 17°29 | 27°15 | 5°36 | 4°34 | 13°39 | 26°32 | S 19 |
| S 20 | 9 58 23 | 0♓48'48 | 19°36 | 11°54 | 10°37 | 14°11 | 6°55 | 17°25 | 23°20 | 17°28 | 27°14 | 5°32 | 4°31 | 13°45 | 26°31 | S 20 |
| M21 | 10 2 19 | 1°49'27 | 1♉36 | 11°16 | 10°21 | 14°47 | 6°59 | 17°29 | 23°24 | 17°26 | 27°13 | 5°28 | 4°28 | 13°52 | 26°30 | M21 |
| T 22 | 10 6 16 | 2°50'05 | 13°30 | 10°29 | 10° 7 | 15°22 | 7° 4 | 17°32 | 23°27 | 17°25 | 27°12 | 5°25 | 4°24 | 13°59 | 26°29 | T 22 |
| W23 | 10 10 13 | 3°50'41 | 25°22 | 9°35 | 9°56 | 15°57 | 7° 8 | 17°35 | 23°30 | 17°23 | 27°11 | 5°23 | 4°21 | 14° 5 | 26°28 | W23 |
| T 24 | 10 14 9 | 4°51'16 | 7♊16 | 8°35 | 9°47 | 16°31 | 7°13 | 17°39 | 23°34 | 17°21 | 27°10 | 5°D23 | 4°18 | 14°12 | 26°28 | T 24 |
| F 25 | 10 18 6 | 5°51'48 | 19°17 | 7°30 | 9°40 | 17° 6 | 7°18 | 17°42 | 23°37 | 17°20 | 27° 9 | 5°24 | 4°15 | 14°19 | 26°27 | F 25 |
| S 26 | 10 22 2 | 6°52'19 | 1♋31 | 6°23 | 9°36 | 17°41 | 7°23 | 17°45 | 23°40 | 17°18 | 27° 8 | 5°25 | 4°12 | 14°26 | 26°27 | S 26 |
| S 27 | 10 25 59 | 7°52'49 | 14° 0 | 5°16 | 9°D34 | 18°16 | 7°28 | 17°48 | 23°43 | 17°16 | 27° 7 | 5°27 | 4° 9 | 14°32 | 26°26 | S 27 |
| M28 | 10 29 55 | 8°53'16 | 26°51 | 4° 9 | 9°35 | 18°50 | 7°33 | 17°50 | 23°47 | 17°15 | 27° 6 | 5°28 | 4° 5 | 14°39 | 26°26 | M28 |
| T 29 | 10 33 52 | 9♓53'42 | 10♌ 4 | 3♓ 5 | 9♒38 | 19♐25 | 7♊39 | 17♐53 | 23♓50 | 17♍13 | 27♋ 5 | 5°R29 | 4♌ 2 | 14♉46 | 26♊26 | T 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s17 | 19n19 | 0s21 | 13s57 | 1s20 | 8s17 | 6n37 | 19s58 | 0n44 | 20n38 | 0s40 | 20s58 | 1n42 | 3s42 | 0s45 | 5n35 | 0n54 | 21n10 | 0n35 | 18n46 | 18n51 | 10n25 | 16n50 | 6s31 |
| W 2 | 17 0 | 17 0 | 0n53 | 13 17 | 1 12 | 8 16 | 6 49 | 20 6 | 0 43 | 20 38 | 0 40 | 20 59 | 1 42 | 3 41 | 0 45 | 5 36 | 0 54 | 21 10 | 0 35 | 18 46 | 18 51 | 10 27 | 16 50 | 6 31 |
| T 3 | 16 43 | 13 43 | 2 6 | 12 35 | 1 3 | 8 16 | 7 0 | 20 13 | 0 43 | 20 39 | 0 40 | 20 59 | 1 42 | 3 40 | 0 45 | 5 36 | 0 54 | 21 10 | 0 35 | 18 46 | 18 52 | 10 29 | 16 50 | 6 31 |
| F 4 | 16 25 | 9 37 | 3 12 | 11 53 | 0 53 | 8 16 | 7 11 | 20 20 | 0 42 | 20 39 | 0 40 | 21 0 | 1 42 | 3 39 | 0 45 | 5 37 | 0 54 | 21 11 | 0 35 | 18 47 | 18 53 | 10 31 | 16 51 | 6 30 |
| S 5 | 16 7 | 4 57 | 4 7 | 11 11 | 0 42 | 8 18 | 7 21 | 20 27 | 0 42 | 20 40 | 0 39 | 21 0 | 1 42 | 3 37 | 0 44 | 5 38 | 0 54 | 21 11 | 0 35 | 18 47 | 18 54 | 10 33 | 16 51 | 6 30 |
| S 6 | 15 49 | 0s 0 | 4 48 | 10 30 | 0 31 | 8 20 | 7 30 | 20 34 | 0 41 | 20 40 | 0 39 | 21 0 | 1 42 | 3 36 | 0 44 | 5 38 | 0 54 | 21 11 | 0 35 | 18 47 | 18 55 | 10 35 | 16 51 | 6 30 |
| M 7 | 15 31 | 4 59 | 5 11 | 9 48 | 0 18 | 8 23 | 7 38 | 20 41 | 0 40 | 20 40 | 0 39 | 21 1 | 1 42 | 3 35 | 0 44 | 5 39 | 0 54 | 21 11 | 0 35 | 18 48 | 18 55 | 10 37 | 16 51 | 6 29 |
| T 8 | 15 12 | 9 41 | 5 16 | 9 7 | 0 5 | 8 27 | 7 45 | 20 47 | 0 40 | 20 41 | 0 39 | 21 1 | 1 42 | 3 34 | 0 44 | 5 39 | 0 54 | 21 12 | 0 35 | 18 48 | 18 56 | 10 39 | 16 52 | 6 29 |
| W 9 | 14 53 | 13 50 | 5 1 | 8 28 | 0n 9 | 8 31 | 7 52 | 20 54 | 0 39 | 20 41 | 0 38 | 21 1 | 1 42 | 3 33 | 0 44 | 5 40 | 0 54 | 21 12 | 0 35 | 18 48 | 18 57 | 10 42 | 16 52 | 6 29 |
| T 10 | 14 34 | 17 11 | 4 28 | 7 49 | 0 23 | 8 36 | 7 57 | 21 0 | 0 39 | 20 42 | 0 38 | 21 2 | 1 42 | 3 31 | 0 44 | 5 40 | 0 54 | 21 12 | 0 35 | 18 48 | 18 58 | 10 44 | 16 52 | 6 28 |
| F 11 | 14 14 | 19 30 | 3 39 | 7 13 | 0 39 | 8 42 | 8 2 | 21 6 | 0 38 | 20 43 | 0 38 | 21 2 | 1 42 | 3 30 | 0 44 | 5 41 | 0 54 | 21 13 | 0 36 | 18 47 | 18 58 | 10 46 | 16 53 | 6 28 |
| S 12 | 13 55 | 20 37 | 2 38 | 6 39 | 0 54 | 8 48 | 8 5 | 21 12 | 0 37 | 20 43 | 0 38 | 21 2 | 1 43 | 3 29 | 0 44 | 5 42 | 0 54 | 21 13 | 0 36 | 18 47 | 18 59 | 10 48 | 16 53 | 6 28 |
| S 13 | 13 35 | 20 30 | 1 28 | 6 8 | 1 11 | 8 54 | 8 8 | 21 18 | 0 37 | 20 44 | 0 38 | 21 3 | 1 43 | 3 28 | 0 44 | 5 42 | 0 54 | 21 13 | 0 36 | 18 47 | 19 0 | 10 50 | 16 53 | 6 27 |
| M14 | 13 15 | 19 10 | 0 15 | 5 40 | 1 27 | 9 1 | 8 10 | 21 24 | 0 36 | 20 45 | 0 37 | 21 3 | 1 43 | 3 26 | 0 44 | 5 43 | 0 54 | 21 13 | 0 36 | 18 47 | 19 1 | 10 52 | 16 54 | 6 27 |
| T 15 | 12 54 | 16 48 | 0s58 | 5 15 | 1 44 | 9 8 | 8 11 | 21 30 | 0 35 | 20 45 | 0 37 | 21 3 | 1 43 | 3 25 | 0 44 | 5 43 | 0 54 | 21 14 | 0 36 | 18 47 | 19 1 | 10 54 | 16 54 | 6 26 |
| W16 | 12 34 | 13 35 | 2 7 | 4 54 | 2 0 | 9 15 | 8 11 | 21 35 | 0 35 | 20 46 | 0 37 | 21 3 | 1 43 | 3 24 | 0 44 | 5 44 | 0 54 | 21 14 | 0 36 | 18 47 | 19 2 | 10 56 | 16 54 | 6 26 |
| T 17 | 12 13 | 9 47 | 3 8 | 4 38 | 2 16 | 9 23 | 8 10 | 21 40 | 0 34 | 20 47 | 0 37 | 21 4 | 1 43 | 3 23 | 0 44 | 5 45 | 0 54 | 21 14 | 0 36 | 18 48 | 19 3 | 10 58 | 16 55 | 6 26 |
| F 18 | 11 52 | 5 37 | 3 58 | 4 27 | 2 32 | 9 30 | 8 9 | 21 46 | 0 33 | 20 48 | 0 36 | 21 4 | 1 43 | 3 21 | 0 44 | 5 45 | 0 54 | 21 15 | 0 36 | 18 49 | 19 4 | 11 0 | 16 55 | 6 25 |
| S 19 | 11 31 | 1 18 | 4 37 | 4 20 | 2 46 | 9 38 | 8 6 | 21 51 | 0 32 | 20 49 | 0 36 | 21 4 | 1 43 | 3 20 | 0 44 | 5 46 | 0 54 | 21 15 | 0 36 | 18 50 | 19 5 | 11 3 | 16 55 | 6 25 |
| S 20 | 11 10 | 2n59 | 5 1 | 4 18 | 3 0 | 9 46 | 8 3 | 21 56 | 0 32 | 20 49 | 0 36 | 21 4 | 1 43 | 3 19 | 0 44 | 5 47 | 0 54 | 21 15 | 0 36 | 18 51 | 19 5 | 11 5 | 16 56 | 6 24 |
| M21 | 10 48 | 7 6 | 5 13 | 4 22 | 3 12 | 9 54 | 8 0 | 22 0 | 0 31 | 20 50 | 0 36 | 21 5 | 1 43 | 3 18 | 0 44 | 5 47 | 0 54 | 21 15 | 0 36 | 18 52 | 19 6 | 11 7 | 16 56 | 6 24 |
| T 22 | 10 26 | 10 55 | 5 10 | 4 30 | 3 22 | 10 1 | 7 55 | 22 5 | 0 30 | 20 51 | 0 35 | 21 5 | 1 44 | 3 16 | 0 44 | 5 48 | 0 54 | 21 16 | 0 36 | 18 52 | 19 7 | 11 9 | 16 57 | 6 24 |
| W23 | 10 5 | 14 17 | 4 55 | 4 42 | 3 30 | 10 9 | 7 51 | 22 9 | 0 29 | 20 52 | 0 35 | 21 5 | 1 44 | 3 15 | 0 44 | 5 48 | 0 54 | 21 16 | 0 36 | 18 53 | 19 8 | 11 11 | 16 57 | 6 23 |
| T 24 | 9 43 | 17 5 | 4 26 | 4 59 | 3 37 | 10 17 | 7 45 | 22 14 | 0 28 | 20 53 | 0 35 | 21 5 | 1 44 | 3 14 | 0 44 | 5 49 | 0 54 | 21 16 | 0 36 | 18 53 | 19 8 | 11 13 | 16 57 | 6 23 |
| F 25 | 9 20 | 19 12 | 3 46 | 5 19 | 3 41 | 10 24 | 7 39 | 22 18 | 0 28 | 20 54 | 0 35 | 21 5 | 1 44 | 3 12 | 0 44 | 5 50 | 0 54 | 21 16 | 0 36 | 18 53 | 19 9 | 11 15 | 16 58 | 6 22 |
| S 26 | 8 58 | 20 27 | 2 55 | 5 42 | 3 42 | 10 31 | 7 33 | 22 22 | 0 27 | 20 55 | 0 35 | 21 6 | 1 44 | 3 11 | 0 44 | 5 50 | 0 54 | 21 17 | 0 36 | 18 52 | 19 10 | 11 17 | 16 58 | 6 22 |
| S 27 | 8 36 | 20 45 | 1 55 | 6 7 | 3 41 | 10 38 | 7 26 | 22 26 | 0 26 | 20 56 | 0 34 | 21 6 | 1 44 | 3 10 | 0 44 | 5 51 | 0 54 | 21 17 | 0 36 | 18 52 | 19 11 | 11 19 | 16 59 | 6 22 |
| M28 | 8 13 | 19 58 | 0 47 | 6 34 | 3 38 | 10 45 | 7 19 | 22 30 | 0 25 | 20 57 | 0 34 | 21 6 | 1 44 | 3 8 | 0 44 | 5 52 | 0 54 | 21 17 | 0 36 | 18 51 | 19 11 | 11 21 | 16 59 | 6 21 |
| T 29 | 7s50 | 18n 5 | 0n25 | 7s 2 | 3n33 | 10s51 | 7n12 | 22s33 | 0n24 | 20n58 | 0s34 | 21s 6 | 1n44 | 3s 7 | 0s44 | 5n52 | 0n54 | 21n17 | 0n37 | 18n51 | 19n12 | 11n23 | 16n59 | 6s21 |

Julian Day Number = 2607899.5, Delta T = 10m01s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'31, Lahiri = 29°50'33


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## MARCH 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 37 48 | 10♓54'06 | 23♌41 | 2°R 4 | 9♒44 | 20♐ 0 | 7♊44 | 17♐56 | 23♓54 | 17°R11 | 27°R 4 | 5°R27 | 3♌59 | 14♉53 | 26°R26 | W 1 |
| T 2 | 10 41 45 | 11°54'28 | 7♍41 | 1♓ 9 | 9°51 | 20°34 | 7°50 | 17°58 | 23°57 | 17♍10 | 27♋ 4 | 5♌24 | 3°56 | 14°59 | 26°D25 | T 2 |
| F 3 | 10 45 42 | 12°54'49 | 22° 1 | 0°19 | 10° 2 | 21° 8 | 7°56 | 18° 1 | 24° 0 | 17° 8 | 27° 3 | 5°19 | 3°53 | 15° 6 | 26♊25 | F 3 |
| S 4 | 10 49 38 | 13°55'08 | 6♎34 | 29♒36 | 10°14 | 21°43 | 8° 2 | 18° 3 | 24° 4 | 17° 6 | 27° 2 | 5°13 | 3°49 | 15°13 | 26°26 | S 4 |
| S 5 | 10 53 35 | 14°55'25 | 21°14 | 29° 1 | 10°28 | 22°17 | 8° 9 | 18° 5 | 24° 7 | 17° 5 | 27° 1 | 5° 7 | 3°46 | 15°19 | 26°26 | S 5 |
| M 6 | 10 57 31 | 15°55'41 | 5♏53 | 28°32 | 10°44 | 22°51 | 8°15 | 18° 8 | 24°10 | 17° 3 | 27° 0 | 5° 2 | 3°43 | 15°26 | 26°26 | M 6 |
| T 7 | 11 1 28 | 16°55'55 | 20°26 | 28°10 | 11° 3 | 23°25 | 8°22 | 18°10 | 24°14 | 17° 1 | 27° 0 | 4°57 | 3°40 | 15°33 | 26°26 | T 7 |
| W 8 | 11 5 24 | 17°56'08 | 4♐47 | 27°56 | 11°23 | 23°59 | 8°29 | 18°12 | 24°17 | 17° 0 | 26°59 | 4°54 | 3°37 | 15°40 | 26°27 | W 8 |
| T 9 | 11 9 21 | 18°56'20 | 18°53 | 27°48 | 11°45 | 24°33 | 8°36 | 18°14 | 24°21 | 16°58 | 26°58 | 4°D54 | 3°34 | 15°46 | 26°27 | T 9 |
| F 10 | 11 13 17 | 19°56'30 | 2♑43 | 27°D47 | 12°10 | 25° 7 | 8°43 | 18°15 | 24°24 | 16°56 | 26°57 | 4°54 | 3°30 | 15°53 | 26°28 | F 10 |
| S 11 | 11 17 14 | 20°56'39 | 16°19 | 27°53 | 12°35 | 25°41 | 8°50 | 18°17 | 24°28 | 16°55 | 26°57 | 4°56 | 3°27 | 16° 0 | 26°28 | S 11 |
| S 12 | 11 21 11 | 21°56'46 | 29°40 | 28° 4 | 13° 3 | 26°14 | 8°57 | 18°19 | 24°31 | 16°53 | 26°56 | 4°R57 | 3°24 | 16° 6 | 26°29 | S 12 |
| M13 | 11 25 7 | 22°56'52 | 12♒47 | 28°22 | 13°32 | 26°48 | 9° 5 | 18°20 | 24°34 | 16°51 | 26°55 | 4°56 | 3°21 | 16°13 | 26°30 | M13 |
| T 14 | 11 29 4 | 23°56'56 | 25°43 | 28°44 | 14° 2 | 27°21 | 9°13 | 18°22 | 24°38 | 16°50 | 26°55 | 4°54 | 3°18 | 16°20 | 26°31 | T 14 |
| W15 | 11 33 0 | 24°56'58 | 8♓28 | 29°12 | 14°34 | 27°55 | 9°20 | 18°23 | 24°41 | 16°48 | 26°54 | 4°50 | 3°15 | 16°27 | 26°32 | W15 |
| T 16 | 11 36 57 | 25°56'58 | 21° 2 | 29°44 | 15° 8 | 28°28 | 9°28 | 18°24 | 24°45 | 16°46 | 26°53 | 4°43 | 3°11 | 16°33 | 26°33 | T 16 |
| F 17 | 11 40 53 | 26°56'57 | 3♈26 | 0♓21 | 15°43 | 29° 1 | 9°37 | 18°25 | 24°48 | 16°45 | 26°53 | 4°34 | 3° 8 | 16°40 | 26°34 | F 17 |
| S 18 | 11 44 50 | 27°56'53 | 15°40 | 1° 2 | 16°19 | 29°34 | 9°45 | 18°26 | 24°52 | 16°43 | 26°52 | 4°23 | 3° 5 | 16°47 | 26°35 | S 18 |
| S 19 | 11 48 46 | 28°56'48 | 27°46 | 1°46 | 16°56 | 0♑ 7 | 9°53 | 18°27 | 24°55 | 16°42 | 26°52 | 4°13 | 3° 2 | 16°53 | 26°37 | S 19 |
| M20 | 11 52 43 | 29°56'40 | 9♉43 | 2°35 | 17°35 | 0°40 | 10° 2 | 18°28 | 24°58 | 16°40 | 26°51 | 4° 3 | 2°59 | 17° 0 | 26°38 | M20 |
| T 21 | 11 56 39 | 0♈56'31 | 21°36 | 3°26 | 18°15 | 1°13 | 10°11 | 18°28 | 25° 2 | 16°38 | 26°51 | 3°54 | 2°55 | 17° 7 | 26°40 | T 21 |
| W22 | 12 0 36 | 1°56'19 | 3♊27 | 4°21 | 18°56 | 1°46 | 10°19 | 18°29 | 25° 5 | 16°37 | 26°50 | 3°47 | 2°52 | 17°14 | 26°41 | W22 |
| T 23 | 12 4 33 | 2°56'06 | 15°19 | 5°18 | 19°37 | 2°18 | 10°28 | 18°30 | 25° 9 | 16°35 | 26°50 | 3°43 | 2°49 | 17°20 | 26°43 | T 23 |
| F 24 | 12 8 29 | 3°55'50 | 27°17 | 6°18 | 20°20 | 2°50 | 10°37 | 18°30 | 25°12 | 16°33 | 26°50 | 3°42 | 2°46 | 17°27 | 26°45 | F 24 |
| S 25 | 12 12 26 | 4°55'32 | 9♋27 | 7°21 | 21° 4 | 3°23 | 10°47 | 18°30 | 25°15 | 16°32 | 26°49 | 3°D41 | 2°43 | 17°34 | 26°46 | S 25 |
| S 26 | 12 16 22 | 5°55'11 | 21°53 | 8°27 | 21°49 | 3°55 | 10°56 | 18°30 | 25°19 | 16°30 | 26°49 | 3°42 | 2°40 | 17°41 | 26°48 | S 26 |
| M27 | 12 20 19 | 6°54'49 | 4♌40 | 9°34 | 22°35 | 4°27 | 11° 5 | 18°R30 | 25°22 | 16°29 | 26°49 | 3°R42 | 2°36 | 17°47 | 26°50 | M27 |
| T 28 | 12 24 15 | 7°54'24 | 17°53 | 10°44 | 23°22 | 4°59 | 11°15 | 18°30 | 25°26 | 16°27 | 26°48 | 3°42 | 2°33 | 17°54 | 26°52 | T 28 |
| W29 | 12 28 12 | 8°53'57 | 1♍34 | 11°56 | 24° 9 | 5°31 | 11°25 | 18°30 | 25°29 | 16°26 | 26°48 | 3°38 | 2°30 | 18° 1 | 26°54 | W29 |
| T 30 | 12 32 8 | 9°53'27 | 15°43 | 13°10 | 24°58 | 6° 2 | 11°34 | 18°30 | 25°32 | 16°24 | 26°48 | 3°33 | 2°27 | 18° 7 | 26°56 | T 30 |
| F 31 | 12 36 5 | 10♈52'56 | 0♎18 | 14♓26 | 25♒47 | 6♑34 | 11♊44 | 18♐30 | 25♓36 | 16♍23 | 26♋47 | 3♌25 | 2♌24 | 18♉14 | 26♊59 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| W 1 | 7s28 | 15n 8 | 1n38 | 7s30 | 3n26 | 10s57 | 7n 4 | 22s37 | 0n23 | 21n 0 | 0s34 | 21s 6 | 1n45 | 3s 6 | 0s44 | 5n53 | 0n54 | 21n18 | 0n37 | 18n52 | 19n13 | 11n25 | 17n 0 | 6s20 | W 1 |
| T 2 | 7 5 | 11 14 | 2 46 | 7 57 | 3 18 | 11 3 | 6 56 | 22 40 | 0 23 | 21 1 | 0 33 | 21 6 | 1 45 | 3 4 | 0 44 | 5 54 | 0 54 | 21 18 | 0 37 | 18 52 | 19 14 | 11 28 | 17 0 | 6 20 | T 2 |
| F 3 | 6 42 | 6 37 | 3 46 | 8 24 | 3 8 | 11 8 | 6 48 | 22 44 | 0 22 | 21 2 | 0 33 | 21 6 | 1 45 | 3 3 | 0 44 | 5 54 | 0 54 | 21 18 | 0 37 | 18 54 | 19 14 | 11 30 | 17 1 | 6 20 | F 3 |
| S 4 | 6 19 | 1 34 | 4 32 | 8 50 | 2 56 | 11 13 | 6 40 | 22 47 | 0 21 | 21 3 | 0 33 | 21 6 | 1 45 | 3 2 | 0 44 | 5 55 | 0 54 | 21 18 | 0 37 | 18 55 | 19 15 | 11 32 | 17 1 | 6 19 | S 4 |
| S 5 | 5 55 | 3s37 | 5 1 | 9 13 | 2 44 | 11 17 | 6 31 | 22 50 | 0 20 | 21 4 | 0 33 | 21 6 | 1 45 | 3 0 | 0 44 | 5 56 | 0 54 | 21 18 | 0 37 | 18 57 | 19 16 | 11 34 | 17 2 | 6 19 | S 5 |
| M 6 | 5 32 | 8 35 | 5 9 | 9 35 | 2 31 | 11 21 | 6 23 | 22 53 | 0 19 | 21 6 | 0 33 | 21 6 | 1 45 | 2 59 | 0 44 | 5 56 | 0 54 | 21 19 | 0 37 | 18 58 | 19 17 | 11 36 | 17 2 | 6 18 | M 6 |
| T 7 | 5 9 | 13 1 | 4 58 | 9 55 | 2 18 | 11 25 | 6 14 | 22 55 | 0 18 | 21 7 | 0 32 | 21 7 | 1 45 | 2 58 | 0 44 | 5 57 | 0 55 | 21 19 | 0 37 | 18 59 | 19 17 | 11 38 | 17 2 | 6 18 | T 7 |
| W 8 | 4 45 | 16 38 | 4 29 | 10 13 | 2 4 | 11 28 | 6 5 | 22 58 | 0 17 | 21 8 | 0 32 | 21 7 | 1 45 | 2 56 | 0 44 | 5 58 | 0 55 | 21 19 | 0 37 | 19 0 | 19 18 | 11 40 | 17 3 | 6 17 | W 8 |
| T 9 | 4 22 | 19 13 | 3 43 | 10 29 | 1 50 | 11 31 | 5 56 | 23 0 | 0 16 | 21 9 | 0 32 | 21 7 | 1 45 | 2 55 | 0 44 | 5 58 | 0 55 | 21 19 | 0 37 | 19 0 | 19 19 | 11 42 | 17 3 | 6 17 | T 9 |
| F 10 | 3 58 | 20 36 | 2 45 | 10 42 | 1 36 | 11 33 | 5 47 | 23 3 | 0 15 | 21 11 | 0 32 | 21 7 | 1 46 | 2 54 | 0 44 | 5 59 | 0 55 | 21 19 | 0 37 | 19 0 | 19 19 | 11 44 | 17 4 | 6 17 | F 10 |
| S 11 | 3 35 | 20 45 | 1 39 | 10 53 | 1 23 | 11 35 | 5 38 | 23 5 | 0 14 | 21 12 | 0 32 | 21 7 | 1 46 | 2 52 | 0 44 | 6 0 | 0 55 | 21 20 | 0 37 | 18 59 | 19 20 | 11 46 | 17 4 | 6 16 | S 11 |
| S 12 | 3 11 | 19 43 | 0 29 | 11 2 | 1 9 | 11 36 | 5 29 | 23 7 | 0 13 | 21 13 | 0 31 | 21 7 | 1 46 | 2 51 | 0 44 | 6 0 | 0 55 | 21 20 | 0 37 | 18 59 | 19 21 | 11 48 | 17 5 | 6 16 | S 12 |
| M13 | 2 48 | 17 36 | 0s42 | 11 9 | 0 55 | 11 37 | 5 19 | 23 9 | 0 12 | 21 15 | 0 31 | 21 7 | 1 46 | 2 49 | 0 44 | 6 1 | 0 55 | 21 20 | 0 37 | 18 59 | 19 22 | 11 50 | 17 5 | 6 15 | M13 |
| T 14 | 2 24 | 14 38 | 1 50 | 11 14 | 0 42 | 11 37 | 5 10 | 23 11 | 0 11 | 21 16 | 0 31 | 21 7 | 1 46 | 2 48 | 0 44 | 6 2 | 0 55 | 21 20 | 0 37 | 19 0 | 19 22 | 11 52 | 17 6 | 6 15 | T 14 |
| W15 | 2 0 | 11 0 | 2 50 | 11 16 | 0 29 | 11 37 | 5 1 | 23 12 | 0 10 | 21 17 | 0 31 | 21 7 | 1 46 | 2 47 | 0 44 | 6 2 | 0 55 | 21 20 | 0 37 | 19 1 | 19 23 | 11 55 | 17 6 | 6 14 | W15 |
| T 16 | 1 36 | 6 56 | 3 42 | 11 17 | 0 17 | 11 36 | 4 52 | 23 14 | 0 9 | 21 19 | 0 31 | 21 7 | 1 46 | 2 45 | 0 44 | 6 3 | 0 55 | 21 20 | 0 37 | 19 2 | 19 24 | 11 57 | 17 6 | 6 14 | T 16 |
| F 17 | 1 13 | 2 38 | 4 22 | 11 15 | 0 5 | 11 35 | 4 43 | 23 15 | 0 7 | 21 20 | 0 30 | 21 7 | 1 46 | 2 44 | 0 44 | 6 4 | 0 55 | 21 21 | 0 37 | 19 5 | 19 25 | 11 59 | 17 7 | 6 14 | F 17 |
| S 18 | 0 49 | 1n42 | 4 49 | 11 12 | 0s 7 | 11 33 | 4 34 | 23 17 | 0 6 | 21 22 | 0 30 | 21 7 | 1 47 | 2 43 | 0 44 | 6 4 | 0 55 | 21 21 | 0 37 | 19 7 | 19 25 | 12 1 | 17 7 | 6 13 | S 18 |
| S 19 | 0 25 | 5 56 | 5 3 | 11 6 | 0 18 | 11 31 | 4 25 | 23 18 | 0 5 | 21 23 | 0 30 | 21 7 | 1 47 | 2 41 | 0 44 | 6 5 | 0 55 | 21 21 | 0 38 | 19 10 | 19 26 | 12 3 | 17 8 | 6 13 | S 19 |
| M20 | 0 1 | 9 53 | 5 3 | 10 59 | 0 29 | 11 28 | 4 16 | 23 19 | 0 4 | 21 24 | 0 30 | 21 7 | 1 47 | 2 40 | 0 44 | 6 5 | 0 55 | 21 21 | 0 38 | 19 12 | 19 27 | 12 5 | 17 8 | 6 12 | M20 |
| T 21 | 0n22 | 13 26 | 4 51 | 10 50 | 0 40 | 11 25 | 4 7 | 23 20 | 0 3 | 21 26 | 0 30 | 21 6 | 1 47 | 2 39 | 0 44 | 6 6 | 0 55 | 21 21 | 0 38 | 19 14 | 19 28 | 12 7 | 17 9 | 6 12 | T 21 |
| W22 | 0 46 | 16 27 | 4 25 | 10 40 | 0 49 | 11 21 | 3 58 | 23 21 | 0 1 | 21 27 | 0 30 | 21 6 | 1 47 | 2 37 | 0 44 | 6 7 | 0 55 | 21 21 | 0 38 | 19 15 | 19 28 | 12 9 | 17 9 | 6 11 | W22 |
| T 23 | 1 10 | 18 47 | 3 49 | 10 28 | 0 59 | 11 16 | 3 49 | 23 22 | 0 0 | 21 29 | 0 29 | 21 6 | 1 47 | 2 36 | 0 44 | 6 7 | 0 55 | 21 21 | 0 38 | 19 16 | 19 29 | 12 11 | 17 10 | 6 11 | T 23 |
| F 24 | 1 34 | 20 20 | 3 2 | 10 14 | 1 8 | 11 11 | 3 40 | 23 22 | 0s 1 | 21 30 | 0 29 | 21 6 | 1 47 | 2 35 | 0 44 | 6 8 | 0 55 | 21 22 | 0 38 | 19 17 | 19 30 | 12 13 | 17 10 | 6 11 | F 24 |
| S 25 | 1 57 | 20 57 | 2 6 | 9 58 | 1 16 | 11 6 | 3 31 | 23 23 | 0 2 | 21 32 | 0 29 | 21 6 | 1 47 | 2 33 | 0 44 | 6 9 | 0 55 | 21 22 | 0 38 | 19 17 | 19 30 | 12 15 | 17 11 | 6 10 | S 25 |
| S 26 | 2 21 | 20 35 | 1 3 | 9 41 | 1 24 | 11 0 | 3 23 | 23 23 | 0 4 | 21 33 | 0 29 | 21 6 | 1 48 | 2 32 | 0 44 | 6 9 | 0 55 | 21 22 | 0 38 | 19 17 | 19 31 | 12 17 | 17 11 | 6 10 | S 26 |
| M27 | 2 44 | 19 8 | 0n 5 | 9 23 | 1 32 | 10 53 | 3 14 | 23 23 | 0 5 | 21 35 | 0 29 | 21 6 | 1 48 | 2 31 | 0 44 | 6 10 | 0 55 | 21 22 | 0 38 | 19 17 | 19 32 | 12 19 | 17 11 | 6 9 | M27 |
| T 28 | 3 8 | 16 37 | 1 15 | 9 3 | 1 39 | 10 46 | 3 6 | 23 24 | 0 6 | 21 36 | 0 28 | 21 6 | 1 48 | 2 29 | 0 44 | 6 10 | 0 55 | 21 22 | 0 38 | 19 17 | 19 33 | 12 21 | 17 12 | 6 9 | T 28 |
| W29 | 3 31 | 13 7 | 2 23 | 8 42 | 1 46 | 10 39 | 2 57 | 23 24 | 0 8 | 21 38 | 0 28 | 21 6 | 1 48 | 2 28 | 0 44 | 6 11 | 0 55 | 21 22 | 0 38 | 19 18 | 19 33 | 12 23 | 17 12 | 6 8 | W29 |
| T 30 | 3 55 | 8 45 | 3 24 | 8 19 | 1 52 | 10 31 | 2 49 | 23 24 | 0 9 | 21 39 | 0 28 | 21 6 | 1 48 | 2 27 | 0 44 | 6 12 | 0 55 | 21 22 | 0 38 | 19 19 | 19 34 | 12 25 | 17 13 | 6 8 | T 30 |
| F 31 | 4n18 | 3n46 | 4n14 | 7s55 | 1s58 | 10s22 | 2n41 | 23s24 | 0s10 | 21n41 | 0s28 | 21s 5 | 1n48 | 2s25 | 0s44 | 6n12 | 0n55 | 21n22 | 0n38 | 19n21 | 19n35 | 12n27 | 17n13 | 6s 8 | F 31 |

Julian Day Number = 2607928.5, Delta T = 10m01s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'35, Lahiri = 29°50'37


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## APRIL 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 40 2 | 11♈52'22 | 15♎12 | 15♓44 | 26♒37 | 7♑ 5 | 11♊54 | 18°R29 | 25♓39 | 16°R21 | 26°R47 | 3°R15 | 2♌20 | 18♉21 | 27♊ 1 | S 1 |
| S 2 | 12 43 58 | 12°51'47 | 0♏17 | 17° 3 | 27°27 | 7°37 | 12° 4 | 18♐29 | 25°42 | 16♍20 | 26♋47 | 3♌ 5 | 2°17 | 18°28 | 27° 3 | S 2 |
| M 3 | 12 47 55 | 13°51'09 | 15°22 | 18°25 | 28°19 | 8° 8 | 12°14 | 18°28 | 25°46 | 16°18 | 26°47 | 2°55 | 2°14 | 18°34 | 27° 6 | M 3 |
| T 4 | 12 51 51 | 14°50'30 | 0♐18 | 19°48 | 29°11 | 8°39 | 12°25 | 18°28 | 25°49 | 16°17 | 26°47 | 2°47 | 2°11 | 18°41 | 27° 8 | T 4 |
| W 5 | 12 55 48 | 15°49'49 | 14°57 | 21°12 | 0♓ 3 | 9° 9 | 12°35 | 18°27 | 25°52 | 16°15 | 26°47 | 2°41 | 2° 8 | 18°48 | 27°11 | W 5 |
| T 6 | 12 59 44 | 16°49'06 | 29°14 | 22°38 | 0°57 | 9°40 | 12°46 | 18°26 | 25°55 | 16°14 | 26°47 | 2°38 | 2° 5 | 18°54 | 27°14 | T 6 |
| F 7 | 13 3 41 | 17°48'22 | 13♑ 8 | 24° 6 | 1°50 | 10°11 | 12°56 | 18°25 | 25°59 | 16°13 | 26°47 | 2°D37 | 2° 1 | 19° 1 | 27°16 | F 7 |
| S 8 | 13 7 37 | 18°47'36 | 26°40 | 25°36 | 2°45 | 10°41 | 13° 7 | 18°24 | 26° 2 | 16°11 | 26°47 | 2°R37 | 1°58 | 19° 8 | 27°19 | S 8 |
| S 9 | 13 11 34 | 19°46'48 | 9♒51 | 27° 7 | 3°40 | 11°11 | 13°18 | 18°22 | 26° 5 | 16°10 | 26°D46 | 2°37 | 1°55 | 19°15 | 27°22 | S 9 |
| M10 | 13 15 31 | 20°45'59 | 22°45 | 28°39 | 4°35 | 11°41 | 13°29 | 18°21 | 26° 8 | 16° 9 | 26°47 | 2°35 | 1°52 | 19°21 | 27°25 | M10 |
| T 11 | 13 19 27 | 21°45'07 | 5♓24 | 0♈13 | 5°32 | 12°11 | 13°40 | 18°20 | 26°12 | 16° 7 | 26°47 | 2°31 | 1°49 | 19°28 | 27°28 | T 11 |
| W12 | 13 23 24 | 22°44'14 | 17°52 | 1°48 | 6°28 | 12°41 | 13°51 | 18°18 | 26°15 | 16° 6 | 26°47 | 2°25 | 1°46 | 19°35 | 27°31 | W12 |
| T 13 | 13 27 20 | 23°43'19 | 0♈11 | 3°25 | 7°25 | 13°10 | 14° 2 | 18°17 | 26°18 | 16° 5 | 26°47 | 2°15 | 1°42 | 19°41 | 27°34 | T 13 |
| F 14 | 13 31 17 | 24°42'22 | 12°21 | 5° 4 | 8°23 | 13°40 | 14°13 | 18°15 | 26°21 | 16° 4 | 26°47 | 2° 3 | 1°39 | 19°48 | 27°37 | F 14 |
| S 15 | 13 35 13 | 25°41'23 | 24°25 | 6°44 | 9°20 | 14° 9 | 14°25 | 18°13 | 26°24 | 16° 2 | 26°47 | 1°49 | 1°36 | 19°55 | 27°41 | S 15 |
| S 16 | 13 39 10 | 26°40'22 | 6♉23 | 8°25 | 10°19 | 14°38 | 14°36 | 18°11 | 26°27 | 16° 1 | 26°47 | 1°35 | 1°33 | 20° 2 | 27°44 | S 16 |
| M17 | 13 43 6 | 27°39'19 | 18°17 | 10° 8 | 11°17 | 15° 6 | 14°48 | 18° 9 | 26°30 | 16° 0 | 26°47 | 1°21 | 1°30 | 20° 8 | 27°47 | M17 |
| T 18 | 13 47 3 | 28°38'14 | 0♊ 8 | 11°53 | 12°17 | 15°35 | 14°59 | 18° 7 | 26°33 | 15°59 | 26°48 | 1° 9 | 1°26 | 20°15 | 27°51 | T 18 |
| W19 | 13 51 0 | 29°37'07 | 11°58 | 13°39 | 13°16 | 16° 3 | 15°11 | 18° 5 | 26°36 | 15°58 | 26°48 | 0°59 | 1°23 | 20°22 | 27°54 | W19 |
| T 20 | 13 54 56 | 0♉35'57 | 23°50 | 15°26 | 14°16 | 16°31 | 15°23 | 18° 3 | 26°39 | 15°57 | 26°48 | 0°52 | 1°20 | 20°28 | 27°58 | T 20 |
| F 21 | 13 58 53 | 1°34'46 | 5♋48 | 17°15 | 15°16 | 16°59 | 15°35 | 18° 1 | 26°42 | 15°56 | 26°48 | 0°48 | 1°17 | 20°35 | 28° 2 | F 21 |
| S 22 | 14 2 49 | 2°33'33 | 17°56 | 19° 6 | 16°17 | 17°27 | 15°46 | 17°58 | 26°45 | 15°55 | 26°49 | 0°47 | 1°14 | 20°42 | 28° 5 | S 22 |
| S 23 | 14 6 46 | 3°32'17 | 0♌19 | 20°58 | 17°17 | 17°54 | 15°58 | 17°56 | 26°48 | 15°54 | 26°49 | 0°47 | 1°11 | 20°49 | 28° 9 | S 23 |
| M24 | 14 10 42 | 4°30'59 | 13° 2 | 22°52 | 18°19 | 18°21 | 16°11 | 17°53 | 26°51 | 15°53 | 26°49 | 0°46 | 1° 7 | 20°55 | 28°13 | M24 |
| T 25 | 14 14 39 | 5°29'39 | 26° 9 | 24°47 | 19°20 | 18°48 | 16°23 | 17°51 | 26°54 | 15°52 | 26°50 | 0°45 | 1° 4 | 21° 2 | 28°17 | T 25 |
| W26 | 14 18 35 | 6°28'16 | 9♍45 | 26°44 | 20°22 | 19°15 | 16°35 | 17°48 | 26°57 | 15°51 | 26°50 | 0°42 | 1° 1 | 21° 9 | 28°21 | W26 |
| T 27 | 14 22 32 | 7°26'51 | 23°51 | 28°42 | 21°24 | 19°41 | 16°47 | 17°45 | 27° 0 | 15°50 | 26°51 | 0°37 | 0°58 | 21°15 | 28°25 | T 27 |
| F 28 | 14 26 28 | 8°25'25 | 8♎26 | 0♉42 | 22°26 | 20° 7 | 16°59 | 17°42 | 27° 2 | 15°49 | 26°51 | 0°29 | 0°55 | 21°22 | 28°29 | F 28 |
| S 29 | 14 30 25 | 9°23'56 | 23°25 | 2°43 | 23°29 | 20°33 | 17°12 | 17°39 | 27° 5 | 15°48 | 26°51 | 0°19 | 0°51 | 21°29 | 28°33 | S 29 |
| S 30 | 14 34 22 | 10♉22'25 | 8♏40 | 4♉46 | 24♓32 | 20♑59 | 17♊24 | 17♐36 | 27♓ 8 | 15♍47 | 26♋52 | 0♌ 8 | 0♌48 | 21♉36 | 28♊37 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 4n41 | 1s33 | 4n47 | 7s30 | 2s 3 | 10s13 | 2n33 | 23s23 | 0s12 | 21n42 | 0s28 | 21s 5 | 1n48 | 2s24 | 0s44 | 6n13 | 0n55 | 21n22 | 0n38 | 19n23 | 19n35 | 12n29 | 17n14 | 6s 7 | S 1 |
| S 2 | 5 4 | 6 50 | 5 2 | 7 4 | 2 8 | 10 4 | 2 25 | 23 23 | 0 13 | 21 44 | 0 28 | 21 5 | 1 48 | 2 23 | 0 44 | 6 13 | 0 55 | 21 22 | 0 38 | 19 25 | 19 36 | 12 31 | 17 14 | 6 7 | S 2 |
| M 3 | 5 27 | 11 42 | 4 55 | 6 36 | 2 12 | 9 54 | 2 17 | 23 23 | 0 15 | 21 45 | 0 27 | 21 5 | 1 49 | 2 21 | 0 44 | 6 14 | 0 55 | 21 23 | 0 38 | 19 28 | 19 37 | 12 34 | 17 15 | 6 7 | M 3 |
| T 4 | 5 50 | 15 48 | 4 28 | 6 7 | 2 16 | 9 43 | 2 9 | 23 22 | 0 16 | 21 47 | 0 27 | 21 5 | 1 49 | 2 20 | 0 44 | 6 14 | 0 55 | 21 23 | 0 38 | 19 30 | 19 38 | 12 36 | 17 15 | 6 6 | T 4 |
| W 5 | 6 13 | 18 49 | 3 44 | 5 36 | 2 19 | 9 32 | 2 1 | 23 22 | 0 18 | 21 48 | 0 27 | 21 5 | 1 49 | 2 19 | 0 44 | 6 15 | 0 55 | 21 23 | 0 38 | 19 31 | 19 38 | 12 38 | 17 15 | 6 6 | W 5 |
| T 6 | 6 36 | 20 36 | 2 47 | 5 5 | 2 22 | 9 21 | 1 53 | 23 21 | 0 19 | 21 50 | 0 27 | 21 4 | 1 49 | 2 17 | 0 44 | 6 15 | 0 55 | 21 23 | 0 38 | 19 32 | 19 39 | 12 40 | 17 16 | 6 5 | T 6 |
| F 7 | 6 58 | 21 3 | 1 41 | 4 32 | 2 24 | 9 9 | 1 46 | 23 21 | 0 21 | 21 51 | 0 27 | 21 4 | 1 49 | 2 16 | 0 44 | 6 16 | 0 55 | 21 23 | 0 38 | 19 32 | 19 40 | 12 42 | 17 16 | 6 5 | F 7 |
| S 8 | 7 21 | 20 15 | 0 31 | 3 59 | 2 26 | 8 56 | 1 38 | 23 20 | 0 23 | 21 53 | 0 27 | 21 4 | 1 49 | 2 15 | 0 44 | 6 16 | 0 55 | 21 23 | 0 38 | 19 32 | 19 40 | 12 44 | 17 17 | 6 5 | S 8 |
| S 9 | 7 43 | 18 21 | 0s38 | 3 24 | 2 27 | 8 43 | 1 31 | 23 19 | 0 24 | 21 54 | 0 26 | 21 4 | 1 49 | 2 14 | 0 44 | 6 17 | 0 55 | 21 23 | 0 39 | 19 32 | 19 41 | 12 46 | 17 17 | 6 4 | S 9 |
| M10 | 8 5 | 15 33 | 1 44 | 2 48 | 2 28 | 8 30 | 1 24 | 23 18 | 0 26 | 21 56 | 0 26 | 21 4 | 1 49 | 2 12 | 0 44 | 6 17 | 0 55 | 21 23 | 0 39 | 19 32 | 19 42 | 12 48 | 17 18 | 6 4 | M10 |
| T 11 | 8 27 | 12 3 | 2 44 | 2 11 | 2 29 | 8 16 | 1 17 | 23 17 | 0 28 | 21 57 | 0 26 | 21 3 | 1 49 | 2 11 | 0 44 | 6 18 | 0 55 | 21 23 | 0 39 | 19 33 | 19 43 | 12 50 | 17 18 | 6 3 | T 11 |
| W12 | 8 49 | 8 5 | 3 35 | 1 33 | 2 29 | 8 2 | 1 10 | 23 16 | 0 29 | 21 59 | 0 26 | 21 3 | 1 49 | 2 10 | 0 44 | 6 18 | 0 55 | 21 23 | 0 39 | 19 34 | 19 43 | 12 52 | 17 18 | 6 3 | W12 |
| T 13 | 9 11 | 3 49 | 4 15 | 0 54 | 2 28 | 7 47 | 1 3 | 23 15 | 0 31 | 22 0 | 0 26 | 21 3 | 1 50 | 2 9 | 0 44 | 6 19 | 0 54 | 21 23 | 0 39 | 19 37 | 19 44 | 12 54 | 17 19 | 6 3 | T 13 |
| F 14 | 9 33 | 0n32 | 4 42 | 0 15 | 2 27 | 7 32 | 0 56 | 23 14 | 0 33 | 22 2 | 0 26 | 21 3 | 1 50 | 2 7 | 0 44 | 6 19 | 0 54 | 21 23 | 0 39 | 19 39 | 19 45 | 12 56 | 17 19 | 6 2 | F 14 |
| S 15 | 9 54 | 4 50 | 4 57 | 0n26 | 2 25 | 7 17 | 0 50 | 23 13 | 0 35 | 22 3 | 0 26 | 21 2 | 1 50 | 2 6 | 0 44 | 6 20 | 0 54 | 21 23 | 0 39 | 19 42 | 19 45 | 12 58 | 17 20 | 6 2 | S 15 |
| S 16 | 10 16 | 8 55 | 4 58 | 1 8 | 2 23 | 7 1 | 0 43 | 23 11 | 0 37 | 22 5 | 0 25 | 21 2 | 1 50 | 2 5 | 0 44 | 6 20 | 0 54 | 21 23 | 0 39 | 19 46 | 19 46 | 13 0 | 17 20 | 6 2 | S 16 |
| M17 | 10 37 | 12 38 | 4 47 | 1 51 | 2 21 | 6 45 | 0 37 | 23 10 | 0 38 | 22 6 | 0 25 | 21 2 | 1 50 | 2 4 | 0 44 | 6 21 | 0 54 | 21 23 | 0 39 | 19 49 | 19 47 | 13 2 | 17 20 | 6 1 | M17 |
| T 18 | 10 58 | 15 51 | 4 23 | 2 34 | 2 18 | 6 28 | 0 30 | 23 9 | 0 40 | 22 7 | 0 25 | 21 2 | 1 50 | 2 3 | 0 44 | 6 21 | 0 54 | 21 23 | 0 39 | 19 51 | 19 47 | 13 4 | 17 21 | 6 1 | T 18 |
| W19 | 11 19 | 18 25 | 3 47 | 3 19 | 2 14 | 6 11 | 0 24 | 23 7 | 0 42 | 22 9 | 0 25 | 21 1 | 1 50 | 2 1 | 0 44 | 6 22 | 0 54 | 21 23 | 0 39 | 19 53 | 19 48 | 13 6 | 17 21 | 6 1 | W19 |
| T 20 | 11 39 | 20 13 | 3 2 | 4 4 | 2 10 | 5 54 | 0 18 | 23 6 | 0 44 | 22 10 | 0 25 | 21 1 | 1 50 | 2 0 | 0 44 | 6 22 | 0 54 | 21 23 | 0 39 | 19 55 | 19 49 | 13 8 | 17 22 | 6 0 | T 20 |
| F 21 | 12 0 | 21 8 | 2 8 | 4 49 | 2 6 | 5 36 | 0 12 | 23 4 | 0 46 | 22 12 | 0 25 | 21 1 | 1 50 | 1 59 | 0 44 | 6 22 | 0 54 | 21 23 | 0 39 | 19 56 | 19 50 | 13 10 | 17 22 | 6 0 | F 21 |
| S 22 | 12 20 | 21 4 | 1 7 | 5 36 | 2 1 | 5 18 | 0 7 | 23 3 | 0 48 | 22 13 | 0 25 | 21 0 | 1 50 | 1 58 | 0 44 | 6 23 | 0 54 | 21 23 | 0 39 | 19 56 | 19 50 | 13 12 | 17 22 | 6 0 | S 22 |
| S 23 | 12 40 | 20 0 | 0 2 | 6 23 | 1 55 | 5 0 | 0 1 | 23 1 | 0 50 | 22 15 | 0 24 | 21 0 | 1 50 | 1 57 | 0 44 | 6 23 | 0 54 | 21 23 | 0 39 | 19 56 | 19 51 | 13 14 | 17 23 | 5 59 | S 23 |
| M24 | 13 0 | 17 54 | 1n 4 | 7 11 | 1 49 | 4 41 | 0s 5 | 23 0 | 0 52 | 22 16 | 0 24 | 21 0 | 1 51 | 1 56 | 0 44 | 6 24 | 0 54 | 21 23 | 0 39 | 19 56 | 19 52 | 13 16 | 17 23 | 5 59 | M24 |
| T 25 | 13 19 | 14 48 | 2 10 | 7 59 | 1 42 | 4 22 | 0 10 | 22 58 | 0 54 | 22 17 | 0 24 | 20 59 | 1 51 | 1 55 | 0 44 | 6 24 | 0 54 | 21 23 | 0 39 | 19 56 | 19 52 | 13 18 | 17 23 | 5 59 | T 25 |
| W26 | 13 39 | 10 50 | 3 10 | 8 48 | 1 35 | 4 3 | 0 15 | 22 56 | 0 57 | 22 19 | 0 24 | 20 59 | 1 51 | 1 53 | 0 44 | 6 24 | 0 54 | 21 23 | 0 39 | 19 57 | 19 53 | 13 20 | 17 24 | 5 59 | W26 |
| T 27 | 13 58 | 6 8 | 4 2 | 9 37 | 1 28 | 3 43 | 0 21 | 22 55 | 0 59 | 22 20 | 0 24 | 20 59 | 1 51 | 1 52 | 0 44 | 6 25 | 0 54 | 21 23 | 0 39 | 19 58 | 19 54 | 13 22 | 17 24 | 5 58 | T 27 |
| F 28 | 14 17 | 0 56 | 4 39 | 10 26 | 1 20 | 3 23 | 0 26 | 22 53 | 1 1 | 22 21 | 0 24 | 20 59 | 1 51 | 1 51 | 0 44 | 6 25 | 0 54 | 21 23 | 0 39 | 20 0 | 19 54 | 13 24 | 17 24 | 5 58 | F 28 |
| S 29 | 14 35 | 4s27 | 4 59 | 11 16 | 1 12 | 3 3 | 0 31 | 22 52 | 1 3 | 22 23 | 0 24 | 20 58 | 1 51 | 1 50 | 0 44 | 6 25 | 0 54 | 21 23 | 0 39 | 20 2 | 19 55 | 13 26 | 17 25 | 5 58 | S 29 |
| S 30 | 14n54 | 9s39 | 4n57 | 12n 5 | 1s 3 | 2s43 | 0s35 | 22s50 | 1s 6 | 22n24 | 0s23 | 20s58 | 1n51 | 1s49 | 0s44 | 6n26 | 0n54 | 21n23 | 0n40 | 20n 5 | 19n56 | 13n28 | 17n25 | 5s57 | S 30 |

Julian Day Number = 2607959.5, Delta T = 10m01s
Ecliptic obliquity = 23°22'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'40, Lahiri = 29°50'41


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## MAY 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 38 18 | 11♉20'52 | 23♏59 | 6♉50 | 25♓35 | 21♑24 | 17♊37 | 17°R33 | 27♓11 | 15°R46 | 26♋52 | 29°R57 | 0♌45 | 21♉42 | 28♊41 | M 1 |
| T 2 | 14 42 15 | 12°19'18 | 9♐12 | 8°55 | 26°38 | 21°49 | 17°49 | 17♐30 | 27°13 | 15♍46 | 26°53 | 29♋48 | 0°42 | 21°49 | 28°45 | T 2 |
| W 3 | 14 46 11 | 13°17'42 | 24° 8 | 11° 2 | 27°42 | 22°14 | 18° 2 | 17°27 | 27°16 | 15°45 | 26°54 | 29°42 | 0°39 | 21°56 | 28°49 | W 3 |
| T 4 | 14 50 8 | 14°16'04 | 8♑40 | 13° 9 | 28°46 | 22°38 | 18°15 | 17°24 | 27°18 | 15°44 | 26°54 | 29°38 | 0°36 | 22° 2 | 28°54 | T 4 |
| F 5 | 14 54 4 | 15°14'25 | 22°45 | 15°17 | 29°50 | 23° 3 | 18°27 | 17°20 | 27°21 | 15°43 | 26°55 | 29°37 | 0°32 | 22° 9 | 28°58 | F 5 |
| S 6 | 14 58 1 | 16°12'45 | 6♒23 | 17°26 | 0♈54 | 23°26 | 18°40 | 17°17 | 27°24 | 15°43 | 26°55 | 29°D37 | 0°29 | 22°16 | 29° 3 | S 6 |
| S 7 | 15 1 58 | 17°11'03 | 19°35 | 19°36 | 1°58 | 23°50 | 18°53 | 17°13 | 27°26 | 15°42 | 26°56 | 29°R37 | 0°26 | 22°23 | 29° 7 | S 7 |
| M 8 | 15 5 54 | 18° 9'19 | 2♓26 | 21°45 | 3° 3 | 24°13 | 19° 6 | 17°10 | 27°29 | 15°42 | 26°57 | 29°36 | 0°23 | 22°29 | 29°12 | M 8 |
| T 9 | 15 9 51 | 19° 7'34 | 14°59 | 23°55 | 4° 8 | 24°36 | 19°19 | 17° 6 | 27°31 | 15°41 | 26°58 | 29°34 | 0°20 | 22°36 | 29°16 | T 9 |
| W10 | 15 13 47 | 20° 5'47 | 27°18 | 26° 4 | 5°13 | 24°58 | 19°32 | 17° 2 | 27°33 | 15°40 | 26°58 | 29°28 | 0°17 | 22°43 | 29°21 | W10 |
| T 11 | 15 17 44 | 21° 3'59 | 9♈27 | 28°12 | 6°18 | 25°21 | 19°45 | 16°59 | 27°36 | 15°40 | 26°59 | 29°20 | 0°13 | 22°49 | 29°25 | T 11 |
| F 12 | 15 21 40 | 22° 2'09 | 21°28 | 0♊20 | 7°24 | 25°42 | 19°58 | 16°55 | 27°38 | 15°39 | 27° 0 | 29°10 | 0°10 | 22°56 | 29°30 | F 12 |
| S 13 | 15 25 37 | 23° 0'18 | 3♉25 | 2°26 | 8°29 | 26° 4 | 20°11 | 16°51 | 27°40 | 15°39 | 27° 1 | 28°58 | 0° 7 | 23° 3 | 29°35 | S 13 |
| S 14 | 15 29 33 | 23°58'25 | 15°18 | 4°30 | 9°35 | 26°25 | 20°24 | 16°47 | 27°43 | 15°39 | 27° 1 | 28°46 | 0° 4 | 23°10 | 29°39 | S 14 |
| M15 | 15 33 30 | 24°56'31 | 27° 9 | 6°33 | 10°41 | 26°45 | 20°37 | 16°43 | 27°45 | 15°38 | 27° 2 | 28°34 | 0° 1 | 23°16 | 29°44 | M15 |
| T 16 | 15 37 26 | 25°54'35 | 9♊ 0 | 8°34 | 11°47 | 27° 5 | 20°51 | 16°39 | 27°47 | 15°38 | 27° 3 | 28°23 | 29♋57 | 23°23 | 29°49 | T 16 |
| W17 | 15 41 23 | 26°52'38 | 20°52 | 10°32 | 12°54 | 27°25 | 21° 4 | 16°35 | 27°49 | 15°38 | 27° 4 | 28°15 | 29°54 | 23°30 | 29°54 | W17 |
| T 18 | 15 45 20 | 27°50'38 | 2♋48 | 12°28 | 14° 0 | 27°45 | 21°17 | 16°31 | 27°51 | 15°37 | 27° 5 | 28° 9 | 29°51 | 23°36 | 29°59 | T 18 |
| F 19 | 15 49 16 | 28°48'38 | 14°51 | 14°21 | 15° 6 | 28° 3 | 21°31 | 16°27 | 27°53 | 15°37 | 27° 6 | 28° 6 | 29°48 | 23°43 | 0♌ 4 | F 19 |
| S 20 | 15 53 13 | 29°46'35 | 27° 2 | 16°12 | 16°13 | 28°22 | 21°44 | 16°23 | 27°55 | 15°37 | 27° 7 | 28°D 5 | 29°45 | 23°50 | 0° 9 | S 20 |
| S 21 | 15 57 9 | 0♊44'31 | 9♌27 | 17°59 | 17°20 | 28°40 | 21°58 | 16°19 | 27°57 | 15°37 | 27° 8 | 28° 6 | 29°42 | 23°57 | 0°14 | S 21 |
| M22 | 16 1 6 | 1°42'25 | 22°10 | 19°43 | 18°27 | 28°57 | 22°11 | 16°14 | 27°59 | 15°36 | 27° 9 | 28° 6 | 29°38 | 24° 3 | 0°19 | M22 |
| T 23 | 16 5 2 | 2°40'17 | 5♍14 | 21°25 | 19°34 | 29°14 | 22°24 | 16°10 | 28° 1 | 15°36 | 27°10 | 28°R 7 | 29°35 | 24°10 | 0°24 | T 23 |
| W24 | 16 8 59 | 3°38'07 | 18°43 | 23° 2 | 20°41 | 29°31 | 22°38 | 16° 6 | 28° 3 | 15°36 | 27°11 | 28° 6 | 29°32 | 24°17 | 0°29 | W24 |
| T 25 | 16 12 55 | 4°35'56 | 2♎40 | 24°37 | 21°48 | 29°47 | 22°52 | 16° 2 | 28° 5 | 15°36 | 27°12 | 28° 3 | 29°29 | 24°23 | 0°34 | T 25 |
| F 26 | 16 16 52 | 5°33'43 | 17° 5 | 26° 8 | 22°56 | 0♒ 3 | 23° 5 | 15°57 | 28° 7 | 15°D36 | 27°13 | 27°58 | 29°26 | 24°30 | 0°39 | F 26 |
| S 27 | 16 20 49 | 6°31'28 | 1♏54 | 27°36 | 24° 3 | 0°18 | 23°19 | 15°53 | 28° 8 | 15°36 | 27°14 | 27°51 | 29°23 | 24°37 | 0°45 | S 27 |
| S 28 | 16 24 45 | 7°29'12 | 17° 1 | 29° 0 | 25°11 | 0°32 | 23°32 | 15°48 | 28°10 | 15°36 | 27°15 | 27°44 | 29°19 | 24°43 | 0°50 | S 28 |
| M29 | 16 28 42 | 8°26'54 | 2♐17 | 0♋21 | 26°19 | 0°46 | 23°46 | 15°44 | 28°12 | 15°36 | 27°16 | 27°36 | 29°16 | 24°50 | 0°55 | M29 |
| T 30 | 16 32 38 | 9°24'35 | 17°31 | 1°38 | 27°27 | 1° 0 | 24° 0 | 15°40 | 28°13 | 15°36 | 27°17 | 27°30 | 29°13 | 24°57 | 1° 0 | T 30 |
| W31 | 16 36 35 | 10♊22'15 | 2♑33 | 2♋51 | 28♈35 | 1♒13 | 24♊13 | 15♐35 | 28♓15 | 15♍37 | 27♋18 | 27♋26 | 29♋10 | 25♉ 4 | 1♌ 6 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n12 | 14s17 | 4n35 | 12n55 | 0s54 | 2s22 | 0s40 | 22s48 | 1s 8 | 22n25 | 0s23 | 20s58 | 1n51 | 1s48 | 0s45 | 6n26 | 0n54 | 21n23 | 0n40 | 20n 7 | 19n56 | 13n30 | 17n25 | 5s57 |
| T 2 | 15 30 | 17 56 | 3 53 | 13 44 | 0 44 | 2 1 | 0 45 | 22 47 | 1 10 | 22 26 | 0 23 | 20 57 | 1 51 | 1 47 | 0 45 | 6 26 | 0 54 | 21 23 | 0 40 | 20 9 | 19 57 | 13 32 | 17 26 | 5 57 |
| W 3 | 15 48 | 20 19 | 2 56 | 14 33 | 0 34 | 1 40 | 0 49 | 22 45 | 1 13 | 22 28 | 0 23 | 20 57 | 1 51 | 1 46 | 0 45 | 6 26 | 0 54 | 21 23 | 0 40 | 20 10 | 19 58 | 13 34 | 17 26 | 5 57 |
| T 4 | 16 5 | 21 18 | 1 49 | 15 22 | 0 24 | 1 19 | 0 54 | 22 43 | 1 15 | 22 29 | 0 23 | 20 56 | 1 51 | 1 45 | 0 45 | 6 27 | 0 54 | 21 23 | 0 40 | 20 11 | 19 59 | 13 36 | 17 26 | 5 56 |
| F 5 | 16 22 | 20 52 | 0 36 | 16 9 | 0 14 | 0 57 | 0 58 | 22 42 | 1 18 | 22 30 | 0 23 | 20 56 | 1 51 | 1 44 | 0 45 | 6 27 | 0 54 | 21 23 | 0 40 | 20 11 | 19 59 | 13 38 | 17 27 | 5 56 |
| S 6 | 16 39 | 19 13 | 0s36 | 16 56 | 0 4 | 0 35 | 1 2 | 22 40 | 1 20 | 22 31 | 0 23 | 20 56 | 1 51 | 1 43 | 0 45 | 6 27 | 0 54 | 21 22 | 0 40 | 20 11 | 20 0 | 13 40 | 17 27 | 5 56 |
| S 7 | 16 55 | 16 33 | 1 44 | 17 42 | 0n 7 | 0 13 | 1 6 | 22 39 | 1 23 | 22 33 | 0 23 | 20 55 | 1 51 | 1 42 | 0 45 | 6 27 | 0 54 | 21 22 | 0 40 | 20 11 | 20 1 | 13 42 | 17 27 | 5 56 |
| M 8 | 17 12 | 13 9 | 2 45 | 18 27 | 0 18 | 0n 9 | 1 10 | 22 37 | 1 26 | 22 34 | 0 22 | 20 55 | 1 51 | 1 41 | 0 45 | 6 28 | 0 54 | 21 22 | 0 40 | 20 11 | 20 1 | 13 44 | 17 27 | 5 55 |
| T 9 | 17 28 | 9 13 | 3 36 | 19 10 | 0 28 | 0 31 | 1 13 | 22 36 | 1 28 | 22 35 | 0 22 | 20 55 | 1 51 | 1 40 | 0 45 | 6 28 | 0 54 | 21 22 | 0 40 | 20 12 | 20 2 | 13 46 | 17 28 | 5 55 |
| W10 | 17 43 | 4 59 | 4 16 | 19 51 | 0 39 | 0 53 | 1 17 | 22 35 | 1 31 | 22 36 | 0 22 | 20 54 | 1 51 | 1 39 | 0 45 | 6 28 | 0 54 | 21 22 | 0 40 | 20 13 | 20 3 | 13 48 | 17 28 | 5 55 |
| T 11 | 17 59 | 0 37 | 4 44 | 20 30 | 0 49 | 1 16 | 1 21 | 22 33 | 1 34 | 22 37 | 0 22 | 20 54 | 1 51 | 1 38 | 0 45 | 6 28 | 0 54 | 21 22 | 0 40 | 20 14 | 20 3 | 13 50 | 17 28 | 5 55 |
| F 12 | 18 14 | 3n43 | 4 59 | 21 8 | 0 59 | 1 39 | 1 24 | 22 32 | 1 36 | 22 38 | 0 22 | 20 53 | 1 52 | 1 37 | 0 45 | 6 28 | 0 54 | 21 22 | 0 40 | 20 17 | 20 4 | 13 52 | 17 28 | 5 55 |
| S 13 | 18 29 | 7 54 | 5 1 | 21 43 | 1 9 | 2 1 | 1 27 | 22 31 | 1 39 | 22 39 | 0 22 | 20 53 | 1 52 | 1 37 | 0 45 | 6 29 | 0 54 | 21 22 | 0 40 | 20 19 | 20 5 | 13 54 | 17 29 | 5 54 |
| S 14 | 18 43 | 11 45 | 4 50 | 22 16 | 1 18 | 2 24 | 1 30 | 22 30 | 1 42 | 22 41 | 0 22 | 20 53 | 1 52 | 1 36 | 0 45 | 6 29 | 0 54 | 21 22 | 0 40 | 20 22 | 20 5 | 13 56 | 17 29 | 5 54 |
| M15 | 18 57 | 15 9 | 4 26 | 22 47 | 1 27 | 2 47 | 1 33 | 22 28 | 1 45 | 22 42 | 0 22 | 20 52 | 1 52 | 1 35 | 0 45 | 6 29 | 0 54 | 21 22 | 0 40 | 20 24 | 20 6 | 13 58 | 17 29 | 5 54 |
| T 16 | 19 11 | 17 57 | 3 51 | 23 15 | 1 35 | 3 11 | 1 36 | 22 27 | 1 48 | 22 43 | 0 21 | 20 52 | 1 52 | 1 34 | 0 45 | 6 29 | 0 54 | 21 21 | 0 40 | 20 26 | 20 7 | 14 0 | 17 29 | 5 54 |
| W17 | 19 25 | 20 0 | 3 5 | 23 40 | 1 43 | 3 34 | 1 39 | 22 27 | 1 51 | 22 44 | 0 21 | 20 51 | 1 52 | 1 33 | 0 45 | 6 29 | 0 54 | 21 21 | 0 40 | 20 28 | 20 7 | 14 2 | 17 29 | 5 54 |
| T 18 | 19 38 | 21 10 | 2 11 | 24 3 | 1 50 | 3 57 | 1 41 | 22 26 | 1 54 | 22 45 | 0 21 | 20 51 | 1 52 | 1 32 | 0 45 | 6 29 | 0 54 | 21 21 | 0 40 | 20 29 | 20 8 | 14 4 | 17 30 | 5 53 |
| F 19 | 19 51 | 21 24 | 1 10 | 24 23 | 1 56 | 4 20 | 1 44 | 22 25 | 1 57 | 22 46 | 0 21 | 20 51 | 1 52 | 1 32 | 0 45 | 6 29 | 0 54 | 21 21 | 0 40 | 20 30 | 20 9 | 14 6 | 17 30 | 5 53 |
| S 20 | 20 3 | 20 37 | 0 6 | 24 41 | 2 2 | 4 44 | 1 46 | 22 24 | 2 0 | 22 47 | 0 21 | 20 50 | 1 52 | 1 31 | 0 45 | 6 29 | 0 54 | 21 21 | 0 40 | 20 30 | 20 9 | 14 8 | 17 30 | 5 53 |
| S 21 | 20 15 | 18 49 | 1n 1 | 24 57 | 2 7 | 5 7 | 1 49 | 22 24 | 2 4 | 22 48 | 0 21 | 20 50 | 1 52 | 1 30 | 0 45 | 6 29 | 0 54 | 21 21 | 0 41 | 20 30 | 20 10 | 14 10 | 17 30 | 5 53 |
| M22 | 20 27 | 16 4 | 2 5 | 25 9 | 2 11 | 5 30 | 1 51 | 22 23 | 2 7 | 22 48 | 0 21 | 20 49 | 1 52 | 1 29 | 0 45 | 6 29 | 0 54 | 21 21 | 0 41 | 20 29 | 20 11 | 14 12 | 17 30 | 5 53 |
| T 23 | 20 39 | 12 27 | 3 6 | 25 20 | 2 14 | 5 54 | 1 53 | 22 23 | 2 10 | 22 49 | 0 21 | 20 49 | 1 52 | 1 29 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 29 | 20 11 | 14 14 | 17 30 | 5 53 |
| W24 | 20 50 | 8 6 | 3 58 | 25 28 | 2 16 | 6 17 | 1 55 | 22 23 | 2 14 | 22 50 | 0 21 | 20 49 | 1 52 | 1 28 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 30 | 20 12 | 14 16 | 17 30 | 5 52 |
| T 25 | 21 0 | 3 11 | 4 37 | 25 34 | 2 18 | 6 40 | 1 57 | 22 23 | 2 17 | 22 51 | 0 20 | 20 48 | 1 52 | 1 27 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 30 | 20 13 | 14 18 | 17 31 | 5 52 |
| F 26 | 21 11 | 2s 3 | 5 1 | 25 38 | 2 19 | 7 4 | 1 58 | 22 23 | 2 20 | 22 52 | 0 20 | 20 48 | 1 52 | 1 27 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 31 | 20 13 | 14 19 | 17 31 | 5 52 |
| S 27 | 21 21 | 7 19 | 5 6 | 25 40 | 2 18 | 7 27 | 2 0 | 22 23 | 2 24 | 22 53 | 0 20 | 20 47 | 1 51 | 1 26 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 33 | 20 14 | 14 21 | 17 31 | 5 52 |
| S 28 | 21 30 | 12 15 | 4 50 | 25 40 | 2 17 | 7 50 | 2 1 | 22 23 | 2 28 | 22 53 | 0 20 | 20 47 | 1 51 | 1 25 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 34 | 20 15 | 14 23 | 17 31 | 5 52 |
| M29 | 21 40 | 16 26 | 4 13 | 25 38 | 2 16 | 8 13 | 2 3 | 22 24 | 2 31 | 22 54 | 0 20 | 20 46 | 1 51 | 1 25 | 0 45 | 6 29 | 0 54 | 21 20 | 0 41 | 20 35 | 20 15 | 14 25 | 17 31 | 5 52 |
| T 30 | 21 49 | 19 31 | 3 18 | 25 35 | 2 13 | 8 36 | 2 4 | 22 24 | 2 35 | 22 55 | 0 20 | 20 46 | 1 51 | 1 24 | 0 45 | 6 29 | 0 54 | 21 19 | 0 41 | 20 37 | 20 16 | 14 27 | 17 31 | 5 52 |
| W31 | 21n57 | 21s12 | 2n10 | 25n30 | 2n 9 | 9n 0 | 2s 5 | 22s25 | 2s38 | 22n56 | 0s20 | 20s46 | 1n51 | 1s23 | 0s45 | 6n29 | 0n54 | 21n19 | 0n41 | 20n37 | 20n17 | 14n29 | 17n31 | 5s52 |

Julian Day Number = 2607989.5, Delta T = 10m02s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'44, Lahiri = 29°50'45


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## JUNE 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 40 31 | 11♊19'54 | 17♉14 | 4♋ 1 | 29♈43 | 1♒25 | 24♊27 | 15°R31 | 28♓16 | 15♍37 | 27♋19 | 27°R24 | 29♋ 7 | 25♉10 | 1♋11 | T 1 |
| F 2 | 16 44 28 | 12°17'32 | 1♒29 | 5° 7 | 0♉51 | 1°37 | 24°41 | 15♐26 | 28°18 | 15°37 | 27°21 | 27°D23 | 29° 3 | 25°17 | 1°16 | F 2 |
| S 3 | 16 48 25 | 13°15'09 | 15°16 | 6° 9 | 1°59 | 1°48 | 24°55 | 15°22 | 28°19 | 15°37 | 27°22 | 27♋24 | 29° 0 | 25°24 | 1°22 | S 3 |
| S 4 | 16 52 21 | 14°12'45 | 28°35 | 7° 8 | 3° 8 | 1°58 | 25° 8 | 15°17 | 28°21 | 15°37 | 27°23 | 27°26 | 28°57 | 25°30 | 1°27 | S 4 |
| M 5 | 16 56 18 | 15°10'20 | 11♓31 | 8° 2 | 4°16 | 2° 8 | 25°22 | 15°13 | 28°22 | 15°38 | 27°24 | 27°R27 | 28°54 | 25°37 | 1°32 | M 5 |
| T 6 | 17 0 14 | 16° 7'54 | 24° 5 | 8°53 | 5°25 | 2°18 | 25°36 | 15° 9 | 28°23 | 15°38 | 27°26 | 27°26 | 28°51 | 25°44 | 1°38 | T 6 |
| W 7 | 17 4 11 | 17° 5'27 | 6♈23 | 9°39 | 6°33 | 2°26 | 25°50 | 15° 4 | 28°25 | 15°38 | 27°27 | 27°24 | 28°48 | 25°51 | 1°43 | W 7 |
| T 8 | 17 8 7 | 18° 3'00 | 18°28 | 10°22 | 7°42 | 2°34 | 26° 4 | 15° 0 | 28°26 | 15°39 | 27°28 | 27°21 | 28°44 | 25°57 | 1°49 | T 8 |
| F 9 | 17 12 4 | 19° 0'31 | 0♉26 | 11° 0 | 8°51 | 2°41 | 26°17 | 14°55 | 28°27 | 15°39 | 27°29 | 27°16 | 28°41 | 26° 4 | 1°54 | F 9 |
| S 10 | 17 16 0 | 19°58'02 | 12°18 | 11°34 | 10° 0 | 2°48 | 26°31 | 14°51 | 28°28 | 15°40 | 27°31 | 27° 9 | 28°38 | 26°11 | 2° 0 | S 10 |
| S 11 | 17 19 57 | 20°55'32 | 24° 9 | 12° 3 | 11° 9 | 2°54 | 26°45 | 14°46 | 28°29 | 15°40 | 27°32 | 27° 3 | 28°35 | 26°17 | 2° 5 | S 11 |
| M12 | 17 23 54 | 21°53'02 | 6♊ 0 | 12°28 | 12°18 | 2°59 | 26°59 | 14°42 | 28°30 | 15°41 | 27°33 | 26°56 | 28°32 | 26°24 | 2°11 | M12 |
| T 13 | 17 27 50 | 22°50'30 | 17°54 | 12°48 | 13°27 | 3° 4 | 27°13 | 14°38 | 28°31 | 15°41 | 27°35 | 26°51 | 28°29 | 26°31 | 2°16 | T 13 |
| W14 | 17 31 47 | 23°47'58 | 29°53 | 13° 4 | 14°36 | 3° 7 | 27°27 | 14°33 | 28°32 | 15°42 | 27°36 | 26°47 | 28°25 | 26°38 | 2°22 | W14 |
| T 15 | 17 35 43 | 24°45'25 | 11♋57 | 13°16 | 15°46 | 3°10 | 27°41 | 14°29 | 28°33 | 15°43 | 27°37 | 26°44 | 28°22 | 26°44 | 2°27 | T 15 |
| F 16 | 17 39 40 | 25°42'51 | 24°10 | 13°22 | 16°55 | 3°13 | 27°54 | 14°24 | 28°34 | 15°43 | 27°39 | 26°D43 | 28°19 | 26°51 | 2°33 | F 16 |
| S 17 | 17 43 36 | 26°40'15 | 6♌32 | 13°R24 | 18° 5 | 3°14 | 28° 8 | 14°20 | 28°35 | 15°44 | 27°40 | 26°43 | 28°16 | 26°58 | 2°38 | S 17 |
| S 18 | 17 47 33 | 27°37'39 | 19° 8 | 13°22 | 19°14 | 3°15 | 28°22 | 14°16 | 28°35 | 15°45 | 27°42 | 26°45 | 28°13 | 27° 4 | 2°44 | S 18 |
| M19 | 17 51 29 | 28°35'02 | 1♍58 | 13°15 | 20°24 | 3°R15 | 28°36 | 14°12 | 28°36 | 15°45 | 27°43 | 26°46 | 28° 9 | 27°11 | 2°50 | M19 |
| T 20 | 17 55 26 | 29°32'24 | 15° 6 | 13° 4 | 21°33 | 3°14 | 28°50 | 14° 7 | 28°37 | 15°46 | 27°44 | 26°48 | 28° 6 | 27°18 | 2°55 | T 20 |
| W21 | 17 59 23 | 0♋29'45 | 28°35 | 12°49 | 22°43 | 3°13 | 29° 4 | 14° 3 | 28°37 | 15°47 | 27°46 | 26°R48 | 28° 3 | 27°24 | 3° 1 | W21 |
| T 22 | 18 3 19 | 1°27'05 | 12♎25 | 12°30 | 23°53 | 3°11 | 29°18 | 13°59 | 28°38 | 15°48 | 27°47 | 26°48 | 28° 0 | 27°31 | 3° 6 | T 22 |
| F 23 | 18 7 16 | 2°24'24 | 26°38 | 12° 8 | 25° 3 | 3° 8 | 29°31 | 13°55 | 28°38 | 15°49 | 27°49 | 26°46 | 27°57 | 27°38 | 3°12 | F 23 |
| S 24 | 18 11 12 | 3°21'42 | 11♏10 | 11°42 | 26°13 | 3° 4 | 29°45 | 13°51 | 28°39 | 15°50 | 27°50 | 26°44 | 27°54 | 27°45 | 3°17 | S 24 |
| S 25 | 18 15 9 | 4°19'00 | 25°59 | 11°13 | 27°23 | 3° 0 | 29°59 | 13°47 | 28°39 | 15°51 | 27°52 | 26°41 | 27°50 | 27°51 | 3°23 | S 25 |
| M26 | 18 19 5 | 5°16'17 | 10♐57 | 10°42 | 28°33 | 2°55 | 0♋13 | 13°43 | 28°40 | 15°51 | 27°53 | 26°38 | 27°47 | 27°58 | 3°29 | M26 |
| T 27 | 18 23 2 | 6°13'33 | 25°56 | 10°10 | 29°43 | 2°49 | 0°27 | 13°39 | 28°40 | 15°52 | 27°55 | 26°36 | 27°44 | 28° 5 | 3°34 | T 27 |
| W28 | 18 26 58 | 7°10'48 | 10♑48 | 9°36 | 0♊53 | 2°42 | 0°41 | 13°35 | 28°40 | 15°53 | 27°56 | 26°35 | 27°41 | 28°11 | 3°40 | W28 |
| T 29 | 18 30 55 | 8° 8'04 | 25°24 | 9° 1 | 2° 3 | 2°35 | 0°54 | 13°31 | 28°40 | 15°55 | 27°58 | 26°D34 | 27°38 | 28°18 | 3°45 | T 29 |
| F 30 | 18 34 52 | 9♋ 5'18 | 9♒40 | 8♋26 | 3♊13 | 2♒27 | 1♋ 8 | 13♐27 | 28♓40 | 15♍56 | 27♋59 | 26♋34 | 27♋35 | 28♉25 | 3♋51 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 5 | 21s22 | 0n55 | 25n24 | 2n 5 | 9n22 | 2s 6 | 22s26 | 2s42 | 22n56 | 0s20 | 20s45 | 1n51 | 1s23 | 0s45 | 6n29 | 0n54 | 21n19 | 0n41 | 20n38 | 20n17 | 14n31 | 17n31 | 5s52 |
| F 2 | 22 13 | 20 9 | 0s22 | 25 16 | 1 59 | 9 45 | 2 7 | 22 27 | 2 46 | 22 57 | 0 20 | 20 45 | 1 51 | 1 22 | 0 45 | 6 29 | 0 54 | 21 19 | 0 41 | 20 38 | 20 18 | 14 33 | 17 31 | 5 51 |
| S 3 | 22 20 | 17 44 | 1 35 | 25 7 | 1 53 | 10 8 | 2 8 | 22 28 | 2 50 | 22 58 | 0 19 | 20 44 | 1 51 | 1 22 | 0 46 | 6 29 | 0 54 | 21 19 | 0 41 | 20 38 | 20 19 | 14 35 | 17 31 | 5 51 |
| S 4 | 22 27 | 14 27 | 2 41 | 24 57 | 1 46 | 10 31 | 2 9 | 22 30 | 2 54 | 22 58 | 0 19 | 20 44 | 1 51 | 1 21 | 0 46 | 6 29 | 0 54 | 21 18 | 0 41 | 20 38 | 20 19 | 14 37 | 17 31 | 5 51 |
| M 5 | 22 34 | 10 34 | 3 36 | 24 46 | 1 38 | 10 53 | 2 9 | 22 31 | 2 58 | 22 59 | 0 19 | 20 43 | 1 51 | 1 21 | 0 46 | 6 29 | 0 54 | 21 18 | 0 41 | 20 37 | 20 20 | 14 39 | 17 31 | 5 51 |
| T 6 | 22 40 | 6 19 | 4 19 | 24 34 | 1 29 | 11 15 | 2 10 | 22 33 | 3 2 | 22 59 | 0 19 | 20 43 | 1 51 | 1 20 | 0 46 | 6 28 | 0 54 | 21 18 | 0 41 | 20 37 | 20 21 | 14 41 | 17 31 | 5 51 |
| W 7 | 22 45 | 1 54 | 4 50 | 24 21 | 1 19 | 11 37 | 2 10 | 22 35 | 3 6 | 23 0 | 0 19 | 20 43 | 1 51 | 1 20 | 0 46 | 6 28 | 0 54 | 21 18 | 0 41 | 20 38 | 20 21 | 14 43 | 17 31 | 5 51 |
| T 8 | 22 51 | 2n30 | 5 6 | 24 8 | 1 9 | 11 59 | 2 10 | 22 37 | 3 10 | 23 0 | 0 19 | 20 42 | 1 51 | 1 19 | 0 46 | 6 28 | 0 54 | 21 18 | 0 41 | 20 38 | 20 22 | 14 45 | 17 31 | 5 51 |
| F 9 | 22 56 | 6 45 | 5 9 | 23 53 | 0 58 | 12 21 | 2 11 | 22 39 | 3 14 | 23 1 | 0 19 | 20 42 | 1 51 | 1 19 | 0 46 | 6 28 | 0 54 | 21 17 | 0 41 | 20 39 | 20 22 | 14 47 | 17 31 | 5 51 |
| S 10 | 23 0 | 10 44 | 4 59 | 23 38 | 0 46 | 12 43 | 2 11 | 22 42 | 3 18 | 23 1 | 0 19 | 20 41 | 1 51 | 1 18 | 0 46 | 6 28 | 0 53 | 21 17 | 0 42 | 20 41 | 20 23 | 14 49 | 17 31 | 5 51 |
| S 11 | 23 4 | 14 18 | 4 36 | 23 23 | 0 33 | 13 4 | 2 11 | 22 45 | 3 22 | 23 2 | 0 19 | 20 41 | 1 51 | 1 18 | 0 46 | 6 28 | 0 53 | 21 17 | 0 42 | 20 42 | 20 24 | 14 50 | 17 31 | 5 51 |
| M12 | 23 8 | 17 18 | 4 1 | 23 7 | 0 19 | 13 25 | 2 11 | 22 47 | 3 26 | 23 2 | 0 19 | 20 41 | 1 51 | 1 18 | 0 46 | 6 27 | 0 53 | 21 17 | 0 42 | 20 43 | 20 24 | 14 52 | 17 31 | 5 51 |
| T 13 | 23 11 | 19 35 | 3 16 | 22 51 | 0 5 | 13 46 | 2 10 | 22 51 | 3 31 | 23 3 | 0 18 | 20 40 | 1 50 | 1 17 | 0 46 | 6 27 | 0 53 | 21 17 | 0 42 | 20 44 | 20 25 | 14 54 | 17 31 | 5 51 |
| W14 | 23 14 | 21 2 | 2 21 | 22 35 | 0s10 | 14 6 | 2 10 | 22 54 | 3 35 | 23 3 | 0 18 | 20 40 | 1 50 | 1 17 | 0 46 | 6 27 | 0 53 | 21 16 | 0 42 | 20 45 | 20 26 | 14 56 | 17 31 | 5 51 |
| T 15 | 23 17 | 21 31 | 1 20 | 22 19 | 0 25 | 14 27 | 2 10 | 22 57 | 3 39 | 23 3 | 0 18 | 20 39 | 1 50 | 1 17 | 0 46 | 6 27 | 0 53 | 21 16 | 0 42 | 20 46 | 20 26 | 14 58 | 17 31 | 5 51 |
| F 16 | 23 19 | 21 0 | 0 14 | 22 2 | 0 41 | 14 47 | 2 9 | 23 1 | 3 44 | 23 4 | 0 18 | 20 39 | 1 50 | 1 16 | 0 46 | 6 26 | 0 53 | 21 16 | 0 42 | 20 46 | 20 27 | 15 0 | 17 31 | 5 51 |
| S 17 | 23 20 | 19 28 | 0n54 | 21 46 | 0 57 | 15 7 | 2 9 | 23 5 | 3 48 | 23 4 | 0 18 | 20 39 | 1 50 | 1 16 | 0 46 | 6 26 | 0 53 | 21 16 | 0 42 | 20 46 | 20 28 | 15 2 | 17 30 | 5 51 |
| S 18 | 23 22 | 16 57 | 2 0 | 21 29 | 1 14 | 15 26 | 2 8 | 23 9 | 3 52 | 23 4 | 0 18 | 20 38 | 1 50 | 1 16 | 0 46 | 6 26 | 0 53 | 21 16 | 0 42 | 20 45 | 20 28 | 15 4 | 17 30 | 5 51 |
| M19 | 23 22 | 13 34 | 3 1 | 21 13 | 1 31 | 15 45 | 2 7 | 23 13 | 3 57 | 23 5 | 0 18 | 20 38 | 1 50 | 1 16 | 0 46 | 6 25 | 0 53 | 21 15 | 0 42 | 20 45 | 20 29 | 15 6 | 17 30 | 5 51 |
| T 20 | 23 23 | 9 28 | 3 55 | 20 57 | 1 48 | 16 4 | 2 7 | 23 18 | 4 1 | 23 5 | 0 18 | 20 37 | 1 50 | 1 15 | 0 46 | 6 25 | 0 53 | 21 15 | 0 42 | 20 45 | 20 29 | 15 8 | 17 30 | 5 51 |
| W21 | 23 23 | 4 48 | 4 37 | 20 42 | 2 5 | 16 23 | 2 6 | 23 22 | 4 6 | 23 5 | 0 18 | 20 37 | 1 50 | 1 15 | 0 46 | 6 25 | 0 53 | 21 15 | 0 42 | 20 45 | 20 30 | 15 10 | 17 30 | 5 51 |
| T 22 | 23 22 | 0s13 | 5 4 | 20 27 | 2 21 | 16 41 | 2 5 | 23 27 | 4 10 | 23 5 | 0 18 | 20 37 | 1 49 | 1 15 | 0 46 | 6 24 | 0 53 | 21 15 | 0 42 | 20 45 | 20 31 | 15 12 | 17 30 | 5 51 |
| F 23 | 23 22 | 5 21 | 5 14 | 20 13 | 2 38 | 16 59 | 2 4 | 23 32 | 4 14 | 23 5 | 0 17 | 20 36 | 1 49 | 1 15 | 0 46 | 6 24 | 0 53 | 21 14 | 0 42 | 20 45 | 20 31 | 15 13 | 17 30 | 5 51 |
| S 24 | 23 20 | 10 19 | 5 4 | 19 59 | 2 54 | 17 16 | 2 3 | 23 37 | 4 19 | 23 6 | 0 17 | 20 36 | 1 49 | 1 15 | 0 46 | 6 24 | 0 53 | 21 14 | 0 42 | 20 46 | 20 32 | 15 15 | 17 29 | 5 51 |
| S 25 | 23 19 | 14 45 | 4 34 | 19 46 | 3 10 | 17 33 | 2 1 | 23 43 | 4 23 | 23 6 | 0 17 | 20 36 | 1 49 | 1 15 | 0 46 | 6 23 | 0 53 | 21 14 | 0 42 | 20 46 | 20 33 | 15 17 | 17 29 | 5 51 |
| M26 | 23 17 | 18 19 | 3 45 | 19 33 | 3 24 | 17 50 | 2 0 | 23 48 | 4 28 | 23 6 | 0 17 | 20 35 | 1 49 | 1 14 | 0 46 | 6 23 | 0 53 | 21 14 | 0 42 | 20 47 | 20 33 | 15 19 | 17 29 | 5 51 |
| T 27 | 23 14 | 20 38 | 2 41 | 19 22 | 3 38 | 18 7 | 1 59 | 23 54 | 4 32 | 23 6 | 0 17 | 20 35 | 1 49 | 1 14 | 0 46 | 6 22 | 0 53 | 21 13 | 0 42 | 20 47 | 20 34 | 15 21 | 17 29 | 5 51 |
| W28 | 23 11 | 21 31 | 1 26 | 19 12 | 3 51 | 18 22 | 1 57 | 23 59 | 4 36 | 23 6 | 0 17 | 20 35 | 1 49 | 1 14 | 0 46 | 6 22 | 0 53 | 21 13 | 0 43 | 20 47 | 20 35 | 15 23 | 17 28 | 5 52 |
| T 29 | 23 8 | 20 54 | 0 6 | 19 2 | 4 3 | 18 38 | 1 56 | 24 5 | 4 41 | 23 6 | 0 17 | 20 34 | 1 49 | 1 14 | 0 46 | 6 22 | 0 53 | 21 13 | 0 43 | 20 47 | 20 35 | 15 25 | 17 28 | 5 52 |
| F 30 | 23n 4 | 18s56 | 1s12 | 18n54 | 4s13 | 18n53 | 1s54 | 24s12 | 4s45 | 23n 6 | 0s17 | 20s34 | 1n48 | 1s14 | 0s46 | 6n21 | 0n53 | 21n13 | 0n43 | 20n47 | 20n36 | 15n27 | 17n28 | 5s52 |

Julian Day Number = 2608020.5, Delta T = 10m02s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'48, Lahiri = 29°50'50


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## JULY 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 38 48 | 10♋ 2'33 | 23♒30 | 7°R52 | 4♊24 | 2°R18 | 1♋22 | 13°R23 | 28♓41 | 15♍57 | 28♋ 1 | 26♋35 | 27♋31 | 28♉32 | 3♋57 | S 1 |
| S 2 | 18 42 45 | 10°59'47 | 6♓56 | 7♋18 | 5°34 | 2♒ 9 | 1°36 | 13♐20 | 28°41 | 15°58 | 28° 2 | 26°37 | 27°28 | 28°38 | 4° 2 | S 2 |
| M 3 | 18 46 41 | 11°57'02 | 19°56 | 6°47 | 6°45 | 1°59 | 1°50 | 13°16 | 28°R41 | 15°59 | 28° 4 | 26°38 | 27°25 | 28°45 | 4° 8 | M 3 |
| T 4 | 18 50 38 | 12°54'16 | 2♈35 | 6°17 | 7°55 | 1°48 | 2° 3 | 13°13 | 28°41 | 16° 0 | 28° 5 | 26°38 | 27°22 | 28°52 | 4°13 | T 4 |
| W 5 | 18 54 34 | 13°51'30 | 14°55 | 5°51 | 9° 6 | 1°37 | 2°17 | 13° 9 | 28°41 | 16° 1 | 28° 7 | 26°R39 | 27°19 | 28°58 | 4°19 | W 5 |
| T 6 | 18 58 31 | 14°48'45 | 27° 2 | 5°27 | 10°16 | 1°25 | 2°31 | 13° 6 | 28°40 | 16° 3 | 28° 8 | 26°38 | 27°15 | 29° 5 | 4°25 | T 6 |
| F 7 | 19 2 27 | 15°45'59 | 8♉59 | 5° 7 | 11°27 | 1°12 | 2°44 | 13° 2 | 28°40 | 16° 4 | 28°10 | 26°38 | 27°12 | 29°12 | 4°30 | F 7 |
| S 8 | 19 6 24 | 16°43'14 | 20°51 | 4°51 | 12°38 | 0°59 | 2°58 | 12°59 | 28°40 | 16° 5 | 28°11 | 26°36 | 27° 9 | 29°18 | 4°36 | S 8 |
| S 9 | 19 10 21 | 17°40'28 | 2♊42 | 4°39 | 13°49 | 0°45 | 3°12 | 12°56 | 28°40 | 16° 7 | 28°13 | 26°35 | 27° 6 | 29°25 | 4°41 | S 9 |
| M10 | 19 14 17 | 18°37'43 | 14°35 | 4°32 | 15° 0 | 0°31 | 3°25 | 12°52 | 28°39 | 16° 8 | 28°15 | 26°34 | 27° 3 | 29°32 | 4°47 | M10 |
| T 11 | 19 18 14 | 19°34'58 | 26°34 | 4°D29 | 16°10 | 0°16 | 3°39 | 12°49 | 28°39 | 16° 9 | 28°16 | 26°33 | 27° 0 | 29°39 | 4°52 | T 11 |
| W12 | 19 22 10 | 20°32'13 | 8♋41 | 4°31 | 17°21 | 0° 1 | 3°52 | 12°46 | 28°39 | 16°11 | 28°18 | 26°32 | 26°56 | 29°45 | 4°58 | W12 |
| T 13 | 19 26 7 | 21°29'28 | 20°57 | 4°39 | 18°32 | 29♑45 | 4° 6 | 12°43 | 28°38 | 16°12 | 28°19 | 26°D32 | 26°53 | 29°52 | 5° 3 | T 13 |
| F 14 | 19 30 3 | 22°26'43 | 3♌25 | 4°51 | 19°44 | 29°29 | 4°19 | 12°40 | 28°38 | 16°14 | 28°21 | 26°32 | 26°50 | 29°59 | 5° 9 | F 14 |
| S 15 | 19 34 0 | 23°23'58 | 16° 5 | 5° 9 | 20°55 | 29°13 | 4°33 | 12°37 | 28°37 | 16°15 | 28°23 | 26°32 | 26°47 | 0♊ 5 | 5°14 | S 15 |
| S 16 | 19 37 56 | 24°21'13 | 28°59 | 5°31 | 22° 6 | 28°56 | 4°46 | 12°35 | 28°36 | 16°17 | 28°24 | 26°33 | 26°44 | 0°12 | 5°19 | S 16 |
| M17 | 19 41 53 | 25°18'28 | 12♍ 6 | 5°59 | 23°17 | 28°39 | 5° 0 | 12°32 | 28°36 | 16°18 | 28°26 | 26°33 | 26°41 | 0°19 | 5°25 | M17 |
| T 18 | 19 45 50 | 26°15'43 | 25°28 | 6°32 | 24°28 | 28°22 | 5°13 | 12°29 | 28°35 | 16°20 | 28°27 | 26°R33 | 26°37 | 0°25 | 5°30 | T 18 |
| W19 | 19 49 46 | 27°12'58 | 9♎ 5 | 7°10 | 25°40 | 28° 5 | 5°26 | 12°27 | 28°34 | 16°21 | 28°29 | 26°33 | 26°34 | 0°32 | 5°36 | W19 |
| T 20 | 19 53 43 | 28°10'12 | 22°57 | 7°54 | 26°51 | 27°48 | 5°40 | 12°24 | 28°34 | 16°23 | 28°31 | 26°D33 | 26°31 | 0°39 | 5°41 | T 20 |
| F 21 | 19 57 39 | 29° 7'27 | 7♏ 3 | 8°42 | 28° 2 | 27°31 | 5°53 | 12°22 | 28°33 | 16°24 | 28°32 | 26°33 | 26°28 | 0°46 | 5°46 | F 21 |
| S 22 | 20 1 36 | 0♌ 4'42 | 21°21 | 9°35 | 29°14 | 27°13 | 6° 6 | 12°20 | 28°32 | 16°26 | 28°34 | 26°33 | 26°25 | 0°52 | 5°52 | S 22 |
| S 23 | 20 5 32 | 1° 1'57 | 5♐49 | 10°34 | 0♋25 | 26°56 | 6°19 | 12°17 | 28°31 | 16°28 | 28°35 | 26°33 | 26°21 | 0°59 | 5°57 | S 23 |
| M24 | 20 9 29 | 1°59'11 | 20°22 | 11°37 | 1°37 | 26°39 | 6°32 | 12°15 | 28°30 | 16°29 | 28°37 | 26°34 | 26°18 | 1° 6 | 6° 2 | M24 |
| T 25 | 20 13 25 | 2°56'27 | 4♑56 | 12°45 | 2°49 | 26°22 | 6°45 | 12°13 | 28°29 | 16°31 | 28°39 | 26°34 | 26°15 | 1°12 | 6° 7 | T 25 |
| W26 | 20 17 22 | 3°53'42 | 19°26 | 13°57 | 4° 0 | 26° 5 | 6°58 | 12°11 | 28°28 | 16°33 | 28°40 | 26°R35 | 26°12 | 1°19 | 6°13 | W26 |
| T 27 | 20 21 19 | 4°50'58 | 3♒45 | 15°15 | 5°12 | 25°48 | 7°11 | 12°10 | 28°27 | 16°35 | 28°42 | 26°35 | 26° 9 | 1°26 | 6°18 | T 27 |
| F 28 | 20 25 15 | 5°48'14 | 17°49 | 16°37 | 6°24 | 25°32 | 7°24 | 12° 8 | 28°26 | 16°36 | 28°43 | 26°34 | 26° 6 | 1°32 | 6°23 | F 28 |
| S 29 | 20 29 12 | 6°45'31 | 1♓33 | 18° 3 | 7°36 | 25°16 | 7°37 | 12° 6 | 28°25 | 16°38 | 28°45 | 26°33 | 26° 2 | 1°39 | 6°28 | S 29 |
| S 30 | 20 33 8 | 7°42'48 | 14°57 | 19°33 | 8°48 | 25° 0 | 7°50 | 12° 5 | 28°23 | 16°40 | 28°46 | 26°32 | 25°59 | 1°46 | 6°33 | S 30 |
| M31 | 20 37 5 | 8♌40'06 | 27♓58 | 21♋ 8 | 9♋59 | 24♑44 | 8♋ 3 | 12♐ 3 | 28♓22 | 16♍42 | 28♋48 | 26♋30 | 25♋56 | 1♊53 | 6♋38 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 0 | 15s54 | 2s23 | 18n47 | 4s22 | 19n 8 | 1s52 | 24s18 | 4s49 | 23n 6 | 0s17 | 20s34 | 1n48 | 1s14 | 0s47 | 6n21 | 0n53 | 21n12 | 0n43 | 20n47 | 20n36 | 15n29 | 17n28 | 5s52 |
| S 2 | 22 56 | 12 7 | 3 25 | 18 41 | 4 30 | 19 22 | 1 51 | 24 24 | 4 54 | 23 6 | 0 17 | 20 33 | 1 48 | 1 14 | 0 47 | 6 20 | 0 53 | 21 12 | 0 43 | 20 47 | 20 37 | 15 30 | 17 27 | 5 52 |
| M 3 | 22 51 | 7 52 | 4 14 | 18 37 | 4 36 | 19 36 | 1 49 | 24 30 | 4 58 | 23 6 | 0 17 | 20 33 | 1 48 | 1 14 | 0 47 | 6 20 | 0 53 | 21 12 | 0 43 | 20 47 | 20 38 | 15 32 | 17 27 | 5 52 |
| T 4 | 22 45 | 3 24 | 4 49 | 18 33 | 4 41 | 19 49 | 1 47 | 24 37 | 5 2 | 23 5 | 0 17 | 20 33 | 1 48 | 1 14 | 0 47 | 6 19 | 0 53 | 21 12 | 0 43 | 20 47 | 20 38 | 15 34 | 17 27 | 5 52 |
| W 5 | 22 40 | 1n 6 | 5 10 | 18 31 | 4 44 | 20 2 | 1 45 | 24 43 | 5 6 | 23 5 | 0 16 | 20 33 | 1 48 | 1 14 | 0 47 | 6 19 | 0 53 | 21 11 | 0 43 | 20 47 | 20 39 | 15 36 | 17 27 | 5 52 |
| T 6 | 22 34 | 5 28 | 5 16 | 18 31 | 4 46 | 20 14 | 1 43 | 24 50 | 5 10 | 23 5 | 0 16 | 20 32 | 1 47 | 1 14 | 0 47 | 6 18 | 0 53 | 21 11 | 0 43 | 20 47 | 20 40 | 15 38 | 17 26 | 5 53 |
| F 7 | 22 27 | 9 34 | 5 9 | 18 31 | 4 46 | 20 26 | 1 41 | 24 57 | 5 14 | 23 5 | 0 16 | 20 32 | 1 47 | 1 15 | 0 47 | 6 18 | 0 53 | 21 11 | 0 43 | 20 47 | 20 40 | 15 40 | 17 26 | 5 53 |
| S 8 | 22 20 | 13 17 | 4 49 | 18 33 | 4 45 | 20 37 | 1 39 | 25 3 | 5 18 | 23 5 | 0 16 | 20 32 | 1 47 | 1 15 | 0 47 | 6 17 | 0 53 | 21 11 | 0 43 | 20 47 | 20 41 | 15 42 | 17 26 | 5 53 |
| S 9 | 22 13 | 16 28 | 4 16 | 18 36 | 4 42 | 20 48 | 1 37 | 25 10 | 5 22 | 23 5 | 0 16 | 20 32 | 1 47 | 1 15 | 0 47 | 6 17 | 0 53 | 21 10 | 0 43 | 20 47 | 20 41 | 15 44 | 17 25 | 5 53 |
| M10 | 22 5 | 18 59 | 3 32 | 18 41 | 4 38 | 20 58 | 1 35 | 25 17 | 5 25 | 23 4 | 0 16 | 20 31 | 1 47 | 1 15 | 0 47 | 6 16 | 0 53 | 21 10 | 0 43 | 20 47 | 20 42 | 15 45 | 17 25 | 5 53 |
| T 11 | 21 57 | 20 42 | 2 39 | 18 46 | 4 32 | 21 8 | 1 33 | 25 24 | 5 29 | 23 4 | 0 16 | 20 31 | 1 47 | 1 15 | 0 47 | 6 16 | 0 53 | 21 10 | 0 43 | 20 48 | 20 43 | 15 47 | 17 24 | 5 53 |
| W12 | 21 49 | 21 29 | 1 37 | 18 53 | 4 26 | 21 17 | 1 30 | 25 30 | 5 32 | 23 4 | 0 16 | 20 31 | 1 46 | 1 15 | 0 47 | 6 15 | 0 53 | 21 10 | 0 43 | 20 48 | 20 43 | 15 49 | 17 24 | 5 53 |
| T 13 | 21 40 | 21 15 | 0 31 | 19 0 | 4 18 | 21 26 | 1 28 | 25 37 | 5 35 | 23 3 | 0 16 | 20 31 | 1 46 | 1 16 | 0 47 | 6 15 | 0 53 | 21 9 | 0 43 | 20 48 | 20 44 | 15 51 | 17 24 | 5 54 |
| F 14 | 21 31 | 19 58 | 0n38 | 19 8 | 4 10 | 21 34 | 1 26 | 25 43 | 5 39 | 23 3 | 0 16 | 20 31 | 1 46 | 1 16 | 0 47 | 6 14 | 0 53 | 21 9 | 0 43 | 20 48 | 20 44 | 15 53 | 17 23 | 5 54 |
| S 15 | 21 22 | 17 40 | 1 46 | 19 17 | 4 0 | 21 41 | 1 23 | 25 50 | 5 42 | 23 3 | 0 16 | 20 30 | 1 46 | 1 16 | 0 47 | 6 13 | 0 53 | 21 9 | 0 43 | 20 48 | 20 45 | 15 55 | 17 23 | 5 54 |
| S 16 | 21 12 | 14 28 | 2 50 | 19 26 | 3 50 | 21 48 | 1 21 | 25 56 | 5 45 | 23 2 | 0 16 | 20 30 | 1 46 | 1 16 | 0 47 | 6 13 | 0 53 | 21 9 | 0 44 | 20 48 | 20 46 | 15 57 | 17 23 | 5 54 |
| M17 | 21 2 | 10 30 | 3 47 | 19 36 | 3 39 | 21 55 | 1 18 | 26 3 | 5 47 | 23 2 | 0 15 | 20 30 | 1 45 | 1 17 | 0 47 | 6 12 | 0 53 | 21 8 | 0 44 | 20 48 | 20 46 | 15 58 | 17 22 | 5 54 |
| T 18 | 20 51 | 5 57 | 4 32 | 19 46 | 3 27 | 22 0 | 1 16 | 26 9 | 5 50 | 23 1 | 0 15 | 20 30 | 1 45 | 1 17 | 0 47 | 6 12 | 0 53 | 21 8 | 0 44 | 20 48 | 20 47 | 16 0 | 17 22 | 5 55 |
| W19 | 20 40 | 1 3 | 5 3 | 19 56 | 3 15 | 22 6 | 1 13 | 26 15 | 5 52 | 23 1 | 0 15 | 20 30 | 1 45 | 1 17 | 0 47 | 6 11 | 0 53 | 21 8 | 0 44 | 20 48 | 20 47 | 16 2 | 17 21 | 5 55 |
| T 20 | 20 29 | 4s 0 | 5 17 | 20 7 | 3 2 | 22 10 | 1 11 | 26 21 | 5 55 | 23 1 | 0 15 | 20 30 | 1 45 | 1 18 | 0 47 | 6 10 | 0 53 | 21 8 | 0 44 | 20 48 | 20 48 | 16 4 | 17 21 | 5 55 |
| F 21 | 20 17 | 8 55 | 5 12 | 20 17 | 2 49 | 22 14 | 1 8 | 26 26 | 5 57 | 23 0 | 0 15 | 20 30 | 1 45 | 1 18 | 0 47 | 6 10 | 0 53 | 21 7 | 0 44 | 20 48 | 20 49 | 16 6 | 17 20 | 5 55 |
| S 22 | 20 5 | 13 25 | 4 48 | 20 27 | 2 36 | 22 18 | 1 5 | 26 32 | 5 59 | 22 59 | 0 15 | 20 29 | 1 44 | 1 18 | 0 47 | 6 9 | 0 53 | 21 7 | 0 44 | 20 48 | 20 49 | 16 8 | 17 20 | 5 56 |
| S 23 | 19 53 | 17 11 | 4 6 | 20 36 | 2 22 | 22 20 | 1 3 | 26 37 | 6 1 | 22 59 | 0 15 | 20 29 | 1 44 | 1 19 | 0 47 | 6 8 | 0 53 | 21 7 | 0 44 | 20 48 | 20 50 | 16 9 | 17 19 | 5 56 |
| M24 | 19 40 | 19 55 | 3 8 | 20 45 | 2 8 | 22 22 | 1 0 | 26 42 | 6 2 | 22 58 | 0 15 | 20 29 | 1 44 | 1 19 | 0 47 | 6 8 | 0 53 | 21 6 | 0 44 | 20 48 | 20 50 | 16 11 | 17 19 | 5 56 |
| T 25 | 19 27 | 21 20 | 1 57 | 20 53 | 1 54 | 22 24 | 0 57 | 26 47 | 6 4 | 22 58 | 0 15 | 20 29 | 1 44 | 1 20 | 0 47 | 6 7 | 0 53 | 21 6 | 0 44 | 20 47 | 20 51 | 16 13 | 17 18 | 5 56 |
| W26 | 19 14 | 21 20 | 0 40 | 21 0 | 1 40 | 22 25 | 0 54 | 26 51 | 6 5 | 22 57 | 0 15 | 20 29 | 1 44 | 1 20 | 0 47 | 6 6 | 0 53 | 21 6 | 0 44 | 20 47 | 20 52 | 16 15 | 17 18 | 5 57 |
| T 27 | 19 0 | 19 55 | 0s40 | 21 6 | 1 25 | 22 25 | 0 52 | 26 56 | 6 6 | 22 57 | 0 15 | 20 29 | 1 43 | 1 21 | 0 47 | 6 6 | 0 53 | 21 6 | 0 44 | 20 47 | 20 52 | 16 17 | 17 17 | 5 57 |
| F 28 | 18 47 | 17 17 | 1 55 | 21 11 | 1 11 | 22 25 | 0 49 | 27 0 | 6 7 | 22 56 | 0 15 | 20 29 | 1 43 | 1 21 | 0 47 | 6 5 | 0 53 | 21 5 | 0 44 | 20 47 | 20 53 | 16 19 | 17 17 | 5 57 |
| S 29 | 18 32 | 13 44 | 3 2 | 21 13 | 0 57 | 22 24 | 0 46 | 27 4 | 6 8 | 22 55 | 0 14 | 20 29 | 1 43 | 1 21 | 0 47 | 6 4 | 0 53 | 21 5 | 0 44 | 20 48 | 20 53 | 16 20 | 17 16 | 5 58 |
| S 30 | 18 18 | 9 33 | 3 57 | 21 15 | 0 43 | 22 22 | 0 43 | 27 7 | 6 9 | 22 55 | 0 14 | 20 29 | 1 43 | 1 22 | 0 48 | 6 4 | 0 53 | 21 5 | 0 44 | 20 48 | 20 54 | 16 22 | 17 16 | 5 58 |
| M31 | 18n 3 | 5s 3 | 4s38 | 21n14 | 0s30 | 22n20 | 0s40 | 27s11 | 6s 9 | 22n54 | 0s14 | 20s29 | 1n43 | 1s23 | 0s48 | 6n 3 | 0n53 | 21n 5 | 0n45 | 20n48 | 20n55 | 16n24 | 17n15 | 5s58 |

Julian Day Number = 2608050.5, Delta T = 10m02s
Ecliptic obliquity = 23°22'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'52, Lahiri = 29°50'54


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## AUGUST 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 41 1 | 9♌37'25 | 10♈39 | 22♋47 | 11♋11 | 24°R29 | 8♋16 | 12°R 2 | 28°R21 | 16♍44 | 28♋50 | 26°R29 | 25♋53 | 1♊59 | 6♋43 | T 1 |
| W 2 | 20 44 58 | 10°34'44 | 23° 2 | 24°30 | 12°23 | 24♑15 | 8°28 | 12♐ 0 | 28♓19 | 16°45 | 28°51 | 26♋28 | 25°50 | 2° 6 | 6°48 | W 2 |
| T 3 | 20 48 54 | 11°32'05 | 5♉10 | 26°16 | 13°36 | 24° 1 | 8°41 | 11°59 | 28°18 | 16°47 | 28°53 | 26°27 | 25°47 | 2°13 | 6°53 | T 3 |
| F 4 | 20 52 51 | 12°29'27 | 17° 8 | 28° 5 | 14°48 | 23°47 | 8°54 | 11°58 | 28°17 | 16°49 | 28°54 | 26°D27 | 25°43 | 2°19 | 6°58 | F 4 |
| S 5 | 20 56 48 | 13°26'49 | 29° 1 | 29°58 | 16° 0 | 23°34 | 9° 6 | 11°57 | 28°15 | 16°51 | 28°56 | 26°27 | 25°40 | 2°26 | 7° 3 | S 5 |
| S 6 | 21 0 44 | 14°24'13 | 10♊52 | 1♌53 | 17°12 | 23°22 | 9°19 | 11°56 | 28°14 | 16°53 | 28°57 | 26°29 | 25°37 | 2°33 | 7° 8 | S 6 |
| M 7 | 21 4 41 | 15°21'38 | 22°47 | 3°50 | 18°24 | 23°10 | 9°31 | 11°55 | 28°12 | 16°55 | 28°59 | 26°30 | 25°34 | 2°39 | 7°13 | M 7 |
| T 8 | 21 8 37 | 16°19'03 | 4♋50 | 5°50 | 19°37 | 22°59 | 9°43 | 11°54 | 28°11 | 16°57 | 29° 1 | 26°32 | 25°31 | 2°46 | 7°17 | T 8 |
| W 9 | 21 12 34 | 17°16'30 | 17° 5 | 7°51 | 20°49 | 22°49 | 9°56 | 11°54 | 28° 9 | 16°59 | 29° 2 | 26°33 | 25°27 | 2°53 | 7°22 | W 9 |
| T 10 | 21 16 30 | 18°13'58 | 29°33 | 9°53 | 22° 2 | 22°39 | 10° 8 | 11°53 | 28° 7 | 17° 1 | 29° 4 | 26°R33 | 25°24 | 2°59 | 7°27 | T 10 |
| F 11 | 21 20 27 | 19°11'27 | 12♌17 | 11°57 | 23°14 | 22°30 | 10°20 | 11°53 | 28° 6 | 17° 3 | 29° 5 | 26°32 | 25°21 | 3° 6 | 7°31 | F 11 |
| S 12 | 21 24 23 | 20° 8'56 | 25°18 | 14° 1 | 24°27 | 22°22 | 10°32 | 11°52 | 28° 4 | 17° 5 | 29° 7 | 26°30 | 25°18 | 3°13 | 7°36 | S 12 |
| S 13 | 21 28 20 | 21° 6'27 | 8♍36 | 16° 6 | 25°39 | 22°14 | 10°44 | 11°52 | 28° 2 | 17° 7 | 29° 8 | 26°27 | 25°15 | 3°20 | 7°41 | S 13 |
| M14 | 21 32 17 | 22° 3'58 | 22° 8 | 18°10 | 26°52 | 22° 8 | 10°56 | 11°52 | 28° 0 | 17° 9 | 29°10 | 26°24 | 25°12 | 3°26 | 7°45 | M14 |
| T 15 | 21 36 13 | 23° 1'31 | 5♎53 | 20°15 | 28° 4 | 22° 2 | 11° 8 | 11°D52 | 27°59 | 17°11 | 29°11 | 26°20 | 25° 8 | 3°33 | 7°50 | T 15 |
| W16 | 21 40 10 | 23°59'04 | 19°48 | 22°18 | 29°17 | 21°57 | 11°20 | 11°52 | 27°57 | 17°13 | 29°13 | 26°16 | 25° 5 | 3°40 | 7°54 | W16 |
| T 17 | 21 44 6 | 24°56'38 | 3♏52 | 24°22 | 0♌30 | 21°53 | 11°32 | 11°52 | 27°55 | 17°15 | 29°14 | 26°14 | 25° 2 | 3°46 | 7°58 | T 17 |
| F 18 | 21 48 3 | 25°54'12 | 18° 0 | 26°24 | 1°43 | 21°49 | 11°43 | 11°52 | 27°53 | 17°17 | 29°16 | 26°12 | 24°59 | 3°53 | 8° 3 | F 18 |
| S 19 | 21 51 59 | 26°51'48 | 2♐12 | 28°26 | 2°55 | 21°47 | 11°55 | 11°53 | 27°51 | 17°19 | 29°17 | 26°D12 | 24°56 | 4° 0 | 8° 7 | S 19 |
| S 20 | 21 55 56 | 27°49'24 | 16°25 | 0♍26 | 4° 8 | 21°45 | 12° 7 | 11°53 | 27°49 | 17°21 | 29°18 | 26°13 | 24°52 | 4° 6 | 8°11 | S 20 |
| M21 | 21 59 52 | 28°47'02 | 0♑36 | 2°25 | 5°21 | 21°D44 | 12°18 | 11°54 | 27°47 | 17°24 | 29°20 | 26°14 | 24°49 | 4°13 | 8°16 | M21 |
| T 22 | 22 3 49 | 29°44'40 | 14°45 | 4°23 | 6°34 | 21°44 | 12°29 | 11°54 | 27°45 | 17°26 | 29°21 | 26°16 | 24°46 | 4°20 | 8°20 | T 22 |
| W23 | 22 7 46 | 0♍42'20 | 28°47 | 6°20 | 7°47 | 21°45 | 12°41 | 11°55 | 27°43 | 17°28 | 29°23 | 26°R16 | 24°43 | 4°26 | 8°24 | W23 |
| T 24 | 22 11 42 | 1°40'00 | 12♒41 | 8°15 | 9° 0 | 21°47 | 12°52 | 11°56 | 27°41 | 17°30 | 29°24 | 26°15 | 24°40 | 4°33 | 8°28 | T 24 |
| F 25 | 22 15 39 | 2°37'42 | 26°24 | 10° 9 | 10°13 | 21°49 | 13° 3 | 11°57 | 27°39 | 17°32 | 29°25 | 26°12 | 24°37 | 4°40 | 8°32 | F 25 |
| S 26 | 22 19 35 | 3°35'24 | 9♓52 | 12° 2 | 11°27 | 21°53 | 13°14 | 11°58 | 27°37 | 17°34 | 29°27 | 26° 8 | 24°33 | 4°47 | 8°36 | S 26 |
| S 27 | 22 23 32 | 4°33'08 | 23° 4 | 13°53 | 12°40 | 21°57 | 13°25 | 11°59 | 27°35 | 17°37 | 29°28 | 26° 2 | 24°30 | 4°53 | 8°40 | S 27 |
| M28 | 22 27 28 | 5°30'54 | 5♈59 | 15°43 | 13°53 | 22° 2 | 13°36 | 12° 0 | 27°33 | 17°39 | 29°30 | 25°55 | 24°27 | 5° 0 | 8°44 | M28 |
| T 29 | 22 31 25 | 6°28'41 | 18°37 | 17°32 | 15° 6 | 22° 7 | 13°47 | 12° 1 | 27°30 | 17°41 | 29°31 | 25°49 | 24°24 | 5° 7 | 8°47 | T 29 |
| W30 | 22 35 21 | 7°26'29 | 0♉58 | 19°19 | 16°20 | 22°14 | 13°57 | 12° 2 | 27°28 | 17°43 | 29°32 | 25°43 | 24°21 | 5°13 | 8°51 | W30 |
| T 31 | 22 39 18 | 8♍24'20 | 13♉ 6 | 21♍ 5 | 17♌33 | 22♑21 | 14♋ 8 | 12♐ 4 | 27♓26 | 17♍45 | 29♋33 | 25♋38 | 24♋18 | 5♊20 | 8♋55 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n48 | 0s28 | 5s 4 | 21n11 | 0s17 | 22n17 | 0s38 | 27s14 | 6s10 | 22n53 | 0s14 | 20s29 | 1n42 | 1s23 | 0s48 | 6n 2 | 0n53 | 21n 4 | 0n45 | 20n48 | 20n55 | 16n26 | 17n15 | 5s58 |
| W 2 | 17 33 | 4n 2 | 5 16 | 21 6 | 0 4 | 22 14 | 0 35 | 27 17 | 6 10 | 22 53 | 0 14 | 20 29 | 1 42 | 1 24 | 0 48 | 6 2 | 0 53 | 21 4 | 0 45 | 20 49 | 20 56 | 16 28 | 17 14 | 5 59 |
| T 3 | 17 17 | 8 18 | 5 13 | 20 59 | 0n 8 | 22 10 | 0 32 | 27 19 | 6 10 | 22 52 | 0 14 | 20 29 | 1 42 | 1 24 | 0 48 | 6 1 | 0 53 | 21 4 | 0 45 | 20 49 | 20 56 | 16 29 | 17 14 | 5 59 |
| F 4 | 17 1 | 12 11 | 4 56 | 20 49 | 0 20 | 22 5 | 0 29 | 27 21 | 6 10 | 22 51 | 0 14 | 20 29 | 1 42 | 1 25 | 0 48 | 6 0 | 0 53 | 21 4 | 0 45 | 20 49 | 20 57 | 16 31 | 17 13 | 5 59 |
| S 5 | 16 45 | 15 33 | 4 27 | 20 37 | 0 31 | 22 0 | 0 26 | 27 23 | 6 9 | 22 50 | 0 14 | 20 29 | 1 42 | 1 25 | 0 48 | 5 59 | 0 53 | 21 3 | 0 45 | 20 49 | 20 58 | 16 33 | 17 12 | 6 0 |
| S 6 | 16 28 | 18 17 | 3 46 | 20 22 | 0 42 | 21 54 | 0 23 | 27 25 | 6 9 | 22 50 | 0 14 | 20 30 | 1 41 | 1 26 | 0 48 | 5 59 | 0 53 | 21 3 | 0 45 | 20 48 | 20 58 | 16 35 | 17 12 | 6 0 |
| M 7 | 16 12 | 20 16 | 2 56 | 20 5 | 0 51 | 21 47 | 0 21 | 27 26 | 6 8 | 22 49 | 0 14 | 20 30 | 1 41 | 1 27 | 0 48 | 5 58 | 0 53 | 21 3 | 0 45 | 20 48 | 20 59 | 16 37 | 17 11 | 6 0 |
| T 8 | 15 54 | 21 21 | 1 57 | 19 45 | 1 0 | 21 40 | 0 18 | 27 28 | 6 7 | 22 48 | 0 14 | 20 30 | 1 41 | 1 27 | 0 48 | 5 57 | 0 53 | 21 3 | 0 45 | 20 48 | 20 59 | 16 38 | 17 11 | 6 1 |
| W 9 | 15 37 | 21 26 | 0 52 | 19 22 | 1 9 | 21 32 | 0 15 | 27 29 | 6 6 | 22 47 | 0 14 | 20 30 | 1 41 | 1 28 | 0 48 | 5 56 | 0 53 | 21 2 | 0 45 | 20 48 | 21 0 | 16 40 | 17 10 | 6 1 |
| T 10 | 15 20 | 20 28 | 0n17 | 18 57 | 1 16 | 21 23 | 0 12 | 27 29 | 6 5 | 22 46 | 0 14 | 20 30 | 1 40 | 1 29 | 0 48 | 5 55 | 0 53 | 21 2 | 0 45 | 20 48 | 21 0 | 16 42 | 17 9 | 6 2 |
| F 11 | 15 2 | 18 26 | 1 26 | 18 29 | 1 23 | 21 14 | 0 9 | 27 29 | 6 4 | 22 45 | 0 14 | 20 30 | 1 40 | 1 29 | 0 48 | 5 55 | 0 53 | 21 2 | 0 45 | 20 48 | 21 1 | 16 44 | 17 9 | 6 2 |
| S 12 | 14 44 | 15 26 | 2 32 | 17 59 | 1 28 | 21 4 | 0 6 | 27 30 | 6 3 | 22 45 | 0 13 | 20 30 | 1 40 | 1 30 | 0 48 | 5 54 | 0 53 | 21 2 | 0 45 | 20 48 | 21 2 | 16 46 | 17 8 | 6 2 |
| S 13 | 14 26 | 11 35 | 3 31 | 17 27 | 1 33 | 20 54 | 0 4 | 27 29 | 6 1 | 22 44 | 0 13 | 20 31 | 1 40 | 1 31 | 0 48 | 5 53 | 0 53 | 21 1 | 0 45 | 20 49 | 21 2 | 16 47 | 17 8 | 6 3 |
| M14 | 14 7 | 7 5 | 4 19 | 16 53 | 1 37 | 20 43 | 0 1 | 27 29 | 6 0 | 22 43 | 0 13 | 20 31 | 1 40 | 1 31 | 0 48 | 5 52 | 0 53 | 21 1 | 0 45 | 20 49 | 21 3 | 16 49 | 17 7 | 6 3 |
| T 15 | 13 49 | 2 10 | 4 54 | 16 17 | 1 40 | 20 32 | 0n 2 | 27 28 | 5 58 | 22 42 | 0 13 | 20 31 | 1 39 | 1 32 | 0 48 | 5 51 | 0 53 | 21 1 | 0 46 | 20 50 | 21 3 | 16 51 | 17 6 | 6 3 |
| W16 | 13 30 | 2s55 | 5 11 | 15 40 | 1 43 | 20 20 | 0 5 | 27 27 | 5 56 | 22 41 | 0 13 | 20 31 | 1 39 | 1 33 | 0 48 | 5 51 | 0 53 | 21 1 | 0 46 | 20 51 | 21 4 | 16 53 | 17 6 | 6 4 |
| T 17 | 13 11 | 7 54 | 5 10 | 15 1 | 1 44 | 20 7 | 0 7 | 27 26 | 5 54 | 22 40 | 0 13 | 20 31 | 1 39 | 1 34 | 0 48 | 5 50 | 0 53 | 21 0 | 0 46 | 20 51 | 21 4 | 16 54 | 17 5 | 6 4 |
| F 18 | 12 51 | 12 30 | 4 51 | 14 20 | 1 45 | 19 54 | 0 10 | 27 25 | 5 52 | 22 39 | 0 13 | 20 32 | 1 39 | 1 34 | 0 48 | 5 49 | 0 53 | 21 0 | 0 46 | 20 52 | 21 5 | 16 56 | 17 4 | 6 5 |
| S 19 | 12 32 | 16 25 | 4 14 | 13 38 | 1 45 | 19 40 | 0 13 | 27 23 | 5 50 | 22 38 | 0 13 | 20 32 | 1 38 | 1 35 | 0 48 | 5 48 | 0 53 | 21 0 | 0 46 | 20 52 | 21 6 | 16 58 | 17 4 | 6 5 |
| S 20 | 12 12 | 19 22 | 3 21 | 12 56 | 1 45 | 19 26 | 0 15 | 27 21 | 5 48 | 22 37 | 0 13 | 20 32 | 1 38 | 1 36 | 0 48 | 5 47 | 0 53 | 21 0 | 0 46 | 20 51 | 21 6 | 17 0 | 17 3 | 6 6 |
| M21 | 11 52 | 21 7 | 2 16 | 12 12 | 1 44 | 19 11 | 0 18 | 27 19 | 5 46 | 22 36 | 0 13 | 20 33 | 1 38 | 1 37 | 0 48 | 5 47 | 0 53 | 20 59 | 0 46 | 20 51 | 21 7 | 17 1 | 17 2 | 6 6 |
| T 22 | 11 32 | 21 32 | 1 3 | 11 28 | 1 42 | 18 55 | 0 21 | 27 17 | 5 43 | 22 35 | 0 13 | 20 33 | 1 38 | 1 38 | 0 48 | 5 46 | 0 53 | 20 59 | 0 46 | 20 51 | 21 7 | 17 3 | 17 2 | 6 6 |
| W23 | 11 12 | 20 35 | 0s14 | 10 43 | 1 40 | 18 39 | 0 23 | 27 14 | 5 41 | 22 34 | 0 13 | 20 33 | 1 38 | 1 38 | 0 48 | 5 45 | 0 53 | 20 59 | 0 46 | 20 51 | 21 8 | 17 5 | 17 1 | 6 7 |
| T 24 | 10 51 | 18 22 | 1 28 | 9 57 | 1 37 | 18 23 | 0 26 | 27 12 | 5 39 | 22 33 | 0 13 | 20 33 | 1 37 | 1 39 | 0 48 | 5 44 | 0 53 | 20 59 | 0 46 | 20 51 | 21 8 | 17 7 | 17 0 | 6 7 |
| F 25 | 10 31 | 15 9 | 2 37 | 9 11 | 1 34 | 18 6 | 0 28 | 27 9 | 5 36 | 22 32 | 0 12 | 20 34 | 1 37 | 1 40 | 0 48 | 5 43 | 0 53 | 20 59 | 0 46 | 20 52 | 21 9 | 17 8 | 17 0 | 6 8 |
| S 26 | 10 10 | 11 10 | 3 35 | 8 25 | 1 30 | 17 48 | 0 31 | 27 6 | 5 34 | 22 31 | 0 12 | 20 34 | 1 37 | 1 41 | 0 48 | 5 42 | 0 53 | 20 58 | 0 46 | 20 52 | 21 10 | 17 10 | 16 59 | 6 8 |
| S 27 | 9 49 | 6 44 | 4 20 | 7 38 | 1 26 | 17 30 | 0 33 | 27 2 | 5 31 | 22 30 | 0 12 | 20 35 | 1 37 | 1 42 | 0 48 | 5 42 | 0 53 | 20 58 | 0 46 | 20 54 | 21 10 | 17 12 | 16 58 | 6 9 |
| M28 | 9 28 | 2 5 | 4 51 | 6 52 | 1 21 | 17 11 | 0 36 | 26 59 | 5 28 | 22 29 | 0 12 | 20 35 | 1 36 | 1 43 | 0 48 | 5 41 | 0 53 | 20 58 | 0 46 | 20 55 | 21 11 | 17 14 | 16 57 | 6 9 |
| T 29 | 9 7 | 2n32 | 5 7 | 6 5 | 1 16 | 16 52 | 0 38 | 26 55 | 5 25 | 22 28 | 0 12 | 20 35 | 1 36 | 1 44 | 0 48 | 5 40 | 0 53 | 20 58 | 0 47 | 20 56 | 21 11 | 17 15 | 16 57 | 6 10 |
| W30 | 8 45 | 6 58 | 5 8 | 5 18 | 1 10 | 16 33 | 0 40 | 26 51 | 5 23 | 22 27 | 0 12 | 20 36 | 1 36 | 1 44 | 0 48 | 5 39 | 0 53 | 20 58 | 0 47 | 20 57 | 21 12 | 17 17 | 16 56 | 6 10 |
| T 31 | 8n24 | 11n 2 | 4s55 | 4n31 | 1n 5 | 16n13 | 0n42 | 26s47 | 5s20 | 22n26 | 0s12 | 20s36 | 1n36 | 1s45 | 0s48 | 5n38 | 0n53 | 20n57 | 0n47 | 20n58 | 21n12 | 17n19 | 16n55 | 6s11 |

Julian Day Number = 2608081.5, Delta T = 10m02s
Ecliptic obliquity = 23°22'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°43'56, Lahiri = 29°50'58


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## SEPTEMBER 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 43 15 | 9♍22'12 | 25♉ 3 | 22♍49 | 18♌46 | 22♏29 | 14♋18 | 12♐ 6 | 27°R24 | 17♍47 | 29♋35 | 25°R35 | 24♋14 | 5♊27 | 8♋58 | F 1 |
| S 2 | 22 47 11 | 10°20'06 | 6♊55 | 24°32 | 20° 0 | 22°38 | 14°29 | 12° 7 | 27♓21 | 17°50 | 29°36 | 25°D34 | 24°11 | 5°33 | 9° 2 | S 2 |
| S 3 | 22 51 8 | 11°18'01 | 18°46 | 26°14 | 21°13 | 22°48 | 14°39 | 12° 9 | 27°19 | 17°52 | 29°37 | 25♋34 | 24° 8 | 5°40 | 9° 5 | S 3 |
| M 4 | 22 55 4 | 12°15'58 | 0♋42 | 27°54 | 22°27 | 22°58 | 14°49 | 12°11 | 27°17 | 17°54 | 29°39 | 25°35 | 24° 5 | 5°47 | 9° 9 | M 4 |
| T 5 | 22 59 1 | 13°13'58 | 12°46 | 29°33 | 23°41 | 23° 9 | 14°59 | 12°13 | 27°15 | 17°56 | 29°40 | 25°36 | 24° 2 | 5°53 | 9°12 | T 5 |
| W 6 | 23 2 57 | 14°11'58 | 25° 5 | 1♎11 | 24°54 | 23°21 | 15° 9 | 12°15 | 27°12 | 17°59 | 29°41 | 25°R37 | 23°58 | 6° 0 | 9°15 | W 6 |
| T 7 | 23 6 54 | 15°10'01 | 7♎42 | 2°48 | 26° 8 | 23°34 | 15°19 | 12°17 | 27°10 | 18° 1 | 29°42 | 25°36 | 23°55 | 6° 7 | 9°19 | T 7 |
| F 8 | 23 10 50 | 16° 8'06 | 20°39 | 4°23 | 27°22 | 23°47 | 15°29 | 12°19 | 27° 8 | 18° 3 | 29°43 | 25°33 | 23°52 | 6°13 | 9°22 | F 8 |
| S 9 | 23 14 47 | 17° 6'12 | 3♏58 | 5°57 | 28°35 | 24° 1 | 15°38 | 12°21 | 27° 5 | 18° 5 | 29°45 | 25°28 | 23°49 | 6°20 | 9°25 | S 9 |
| S 10 | 23 18 44 | 18° 4'20 | 17°38 | 7°30 | 29°49 | 24°16 | 15°48 | 12°24 | 27° 3 | 18° 7 | 29°46 | 25°22 | 23°46 | 6°27 | 9°28 | S 10 |
| M11 | 23 22 40 | 19° 2'29 | 1♎37 | 9° 1 | 1♏ 3 | 24°31 | 15°57 | 12°26 | 27° 1 | 18°10 | 29°47 | 25°13 | 23°43 | 6°34 | 9°31 | M11 |
| T 12 | 23 26 37 | 20° 0'40 | 15°50 | 10°32 | 2°17 | 24°47 | 16° 7 | 12°29 | 26°58 | 18°12 | 29°48 | 25° 4 | 23°39 | 6°40 | 9°34 | T 12 |
| W13 | 23 30 33 | 20°58'53 | 0♏11 | 12° 1 | 3°31 | 25° 4 | 16°16 | 12°32 | 26°56 | 18°14 | 29°49 | 24°56 | 23°36 | 6°47 | 9°37 | W13 |
| T 14 | 23 34 30 | 21°57'07 | 14°36 | 13°29 | 4°45 | 25°21 | 16°25 | 12°34 | 26°53 | 18°16 | 29°50 | 24°49 | 23°33 | 6°54 | 9°39 | T 14 |
| F 15 | 23 38 26 | 22°55'22 | 28°58 | 14°55 | 5°59 | 25°39 | 16°34 | 12°37 | 26°51 | 18°19 | 29°51 | 24°45 | 23°30 | 7° 0 | 9°42 | F 15 |
| S 16 | 23 42 23 | 23°53'40 | 13♐14 | 16°21 | 7°13 | 25°58 | 16°43 | 12°40 | 26°49 | 18°21 | 29°52 | 24°43 | 23°27 | 7° 7 | 9°45 | S 16 |
| S 17 | 23 46 19 | 24°51'58 | 27°23 | 17°45 | 8°27 | 26°17 | 16°51 | 12°43 | 26°46 | 18°23 | 29°53 | 24°D42 | 23°24 | 7°14 | 9°47 | S 17 |
| M18 | 23 50 16 | 25°50'19 | 11♑21 | 19° 7 | 9°41 | 26°37 | 17° 0 | 12°46 | 26°44 | 18°25 | 29°54 | 24°43 | 23°20 | 7°20 | 9°50 | M18 |
| T 19 | 23 54 13 | 26°48'40 | 25°10 | 20°29 | 10°55 | 26°58 | 17° 9 | 12°50 | 26°41 | 18°27 | 29°55 | 24°R43 | 23°17 | 7°27 | 9°52 | T 19 |
| W20 | 23 58 9 | 27°47'03 | 8♒49 | 21°48 | 12° 9 | 27°19 | 17°17 | 12°53 | 26°39 | 18°30 | 29°56 | 24°42 | 23°14 | 7°34 | 9°55 | W20 |
| T 21 | 0 2 6 | 28°45'28 | 22°18 | 23° 7 | 13°23 | 27°40 | 17°25 | 12°56 | 26°37 | 18°32 | 29°57 | 24°39 | 23°11 | 7°40 | 9°57 | T 21 |
| F 22 | 0 6 2 | 29°43'54 | 5♓37 | 24°24 | 14°38 | 28° 2 | 17°33 | 13° 0 | 26°34 | 18°34 | 29°58 | 24°34 | 23° 8 | 7°47 | 9°59 | F 22 |
| S 23 | 0 9 59 | 0♎42'22 | 18°44 | 25°39 | 15°52 | 28°25 | 17°41 | 13° 3 | 26°32 | 18°36 | 29°59 | 24°25 | 23° 4 | 7°54 | 10° 1 | S 23 |
| S 24 | 0 13 55 | 1°40'52 | 1♈38 | 26°53 | 17° 6 | 28°48 | 17°49 | 13° 7 | 26°29 | 18°38 | 29°59 | 24°15 | 23° 1 | 8° 0 | 10° 3 | S 24 |
| M25 | 0 17 52 | 2°39'24 | 14°20 | 28° 5 | 18°20 | 29°12 | 17°56 | 13°11 | 26°27 | 18°41 | 0♎ 1 | 24° 3 | 22°58 | 8° 7 | 10° 5 | M25 |
| T 26 | 0 21 48 | 3°37'58 | 26°48 | 29°15 | 19°35 | 29°36 | 18° 4 | 13°14 | 26°25 | 18°43 | 0° 1 | 23°50 | 22°55 | 8°14 | 10° 7 | T 26 |
| W27 | 0 25 45 | 4°36'33 | 9♉ 4 | 0♏24 | 20°49 | 0♒ 0 | 18°11 | 13°18 | 26°22 | 18°45 | 0° 2 | 23°39 | 22°52 | 8°21 | 10° 9 | W27 |
| T 28 | 0 29 41 | 5°35'11 | 21° 8 | 1°30 | 22° 4 | 0°25 | 18°19 | 13°22 | 26°20 | 18°47 | 0° 3 | 23°29 | 22°49 | 8°27 | 10°11 | T 28 |
| F 29 | 0 33 38 | 6°33'51 | 3♊ 3 | 2°34 | 23°18 | 0°51 | 18°26 | 13°26 | 26°18 | 18°49 | 0° 4 | 23°22 | 22°45 | 8°34 | 10°12 | F 29 |
| S 30 | 0 37 35 | 7♎32'33 | 14♊53 | 3♏36 | 24♏32 | 1♒17 | 18♋33 | 13♐30 | 26♓15 | 18♍51 | 0♎ 5 | 23♋18 | 22♋42 | 8♊41 | 10♋14 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 8n 2 | 14n37 | 4s30 | 3n45 | 0n59 | 15n52 | 0n45 | 26s43 | 5s17 | 22n25 | 0s12 | 20s37 | 1n36 | 1s46 | 0s48 | 5n37 | 0n53 | 20n57 | 0n47 | 20n59 | 21n13 | 17n21 | 16n55 | 6s11 |
| S 2 | 7 40 | 17 35 | 3 53 | 2 58 | 0 52 | 15 31 | 0 47 | 26 39 | 5 14 | 22 24 | 0 12 | 20 37 | 1 35 | 1 47 | 0 48 | 5 36 | 0 53 | 20 57 | 0 47 | 20 59 | 21 14 | 17 22 | 16 54 | 6 12 |
| S 3 | 7 19 | 19 49 | 3 6 | 2 12 | 0 46 | 15 10 | 0 49 | 26 34 | 5 11 | 22 23 | 0 12 | 20 37 | 1 35 | 1 48 | 0 48 | 5 36 | 0 53 | 20 57 | 0 47 | 20 59 | 21 14 | 17 24 | 16 53 | 6 12 |
| M 4 | 6 57 | 21 12 | 2 11 | 1 26 | 0 39 | 14 48 | 0 51 | 26 30 | 5 8 | 22 22 | 0 12 | 20 38 | 1 35 | 1 49 | 0 48 | 5 35 | 0 53 | 20 57 | 0 47 | 20 59 | 21 15 | 17 26 | 16 52 | 6 13 |
| T 5 | 6 34 | 21 38 | 1 9 | 0 40 | 0 32 | 14 26 | 0 53 | 26 25 | 5 5 | 22 21 | 0 12 | 20 38 | 1 35 | 1 50 | 0 48 | 5 34 | 0 53 | 20 56 | 0 47 | 20 58 | 21 15 | 17 28 | 16 52 | 6 13 |
| W 6 | 6 12 | 21 1 | 0 3 | 0s 5 | 0 25 | 14 3 | 0 55 | 26 20 | 5 2 | 22 20 | 0 12 | 20 39 | 1 34 | 1 51 | 0 48 | 5 33 | 0 53 | 20 56 | 0 47 | 20 58 | 21 16 | 17 29 | 16 51 | 6 14 |
| T 7 | 5 50 | 19 21 | 1n 5 | 0 50 | 0 18 | 13 40 | 0 57 | 26 15 | 4 59 | 22 19 | 0 11 | 20 39 | 1 34 | 1 52 | 0 48 | 5 32 | 0 53 | 20 56 | 0 47 | 20 58 | 21 16 | 17 31 | 16 50 | 6 14 |
| F 8 | 5 27 | 16 38 | 2 11 | 1 35 | 0 10 | 13 17 | 0 59 | 26 9 | 4 56 | 22 18 | 0 11 | 20 40 | 1 34 | 1 53 | 0 48 | 5 31 | 0 53 | 20 56 | 0 47 | 20 59 | 21 17 | 17 33 | 16 49 | 6 15 |
| S 9 | 5 5 | 13 0 | 3 11 | 2 19 | 0 3 | 12 53 | 1 1 | 26 4 | 4 53 | 22 17 | 0 11 | 20 40 | 1 34 | 1 54 | 0 48 | 5 30 | 0 53 | 20 56 | 0 47 | 21 0 | 21 17 | 17 34 | 16 49 | 6 15 |
| S 10 | 4 42 | 8 36 | 4 2 | 3 3 | 0s 5 | 12 29 | 1 3 | 25 58 | 4 50 | 22 16 | 0 11 | 20 41 | 1 34 | 1 55 | 0 48 | 5 30 | 0 53 | 20 56 | 0 47 | 21 1 | 21 18 | 17 36 | 16 48 | 6 16 |
| M11 | 4 20 | 3 39 | 4 40 | 3 46 | 0 13 | 12 5 | 1 4 | 25 52 | 4 47 | 22 15 | 0 11 | 20 41 | 1 33 | 1 56 | 0 48 | 5 29 | 0 53 | 20 55 | 0 48 | 21 2 | 21 18 | 17 38 | 16 47 | 6 16 |
| T 12 | 3 57 | 1s34 | 5 1 | 4 29 | 0 21 | 11 40 | 1 6 | 25 46 | 4 44 | 22 14 | 0 11 | 20 42 | 1 33 | 1 56 | 0 48 | 5 28 | 0 53 | 20 55 | 0 48 | 21 4 | 21 19 | 17 39 | 16 47 | 6 17 |
| W13 | 3 34 | 6 46 | 5 4 | 5 11 | 0 29 | 11 15 | 1 8 | 25 40 | 4 41 | 22 13 | 0 11 | 20 42 | 1 33 | 1 57 | 0 48 | 5 27 | 0 53 | 20 55 | 0 48 | 21 6 | 21 20 | 17 41 | 16 46 | 6 17 |
| T 14 | 3 11 | 11 36 | 4 47 | 5 53 | 0 37 | 10 49 | 1 9 | 25 34 | 4 38 | 22 12 | 0 11 | 20 43 | 1 33 | 1 58 | 0 48 | 5 26 | 0 53 | 20 55 | 0 48 | 21 7 | 21 20 | 17 43 | 16 45 | 6 18 |
| F 15 | 2 48 | 15 46 | 4 13 | 6 34 | 0 45 | 10 24 | 1 11 | 25 28 | 4 35 | 22 11 | 0 11 | 20 44 | 1 33 | 1 59 | 0 48 | 5 25 | 0 53 | 20 55 | 0 48 | 21 8 | 21 21 | 17 45 | 16 44 | 6 18 |
| S 16 | 2 25 | 18 59 | 3 23 | 7 14 | 0 53 | 9 57 | 1 12 | 25 21 | 4 32 | 22 10 | 0 11 | 20 44 | 1 32 | 2 0 | 0 48 | 5 24 | 0 53 | 20 55 | 0 48 | 21 8 | 21 21 | 17 46 | 16 44 | 6 19 |
| S 17 | 2 2 | 21 1 | 2 21 | 7 54 | 1 2 | 9 31 | 1 13 | 25 14 | 4 29 | 22 9 | 0 11 | 20 45 | 1 32 | 2 1 | 0 48 | 5 24 | 0 53 | 20 54 | 0 48 | 21 8 | 21 22 | 17 48 | 16 43 | 6 20 |
| M18 | 1 39 | 21 43 | 1 11 | 8 33 | 1 10 | 9 5 | 1 15 | 25 7 | 4 25 | 22 8 | 0 11 | 20 45 | 1 32 | 2 2 | 0 48 | 5 23 | 0 53 | 20 54 | 0 48 | 21 8 | 21 22 | 17 50 | 16 42 | 6 20 |
| T 19 | 1 16 | 21 5 | 0s 2 | 9 11 | 1 18 | 8 38 | 1 16 | 25 0 | 4 22 | 22 7 | 0 11 | 20 46 | 1 32 | 2 3 | 0 48 | 5 22 | 0 53 | 20 54 | 0 48 | 21 8 | 21 23 | 17 51 | 16 41 | 6 21 |
| W20 | 0 53 | 19 13 | 1 15 | 9 49 | 1 26 | 8 11 | 1 17 | 24 53 | 4 19 | 22 6 | 0 10 | 20 47 | 1 32 | 2 4 | 0 48 | 5 21 | 0 53 | 20 54 | 0 48 | 21 8 | 21 23 | 17 53 | 16 41 | 6 21 |
| T 21 | 0 30 | 16 16 | 2 21 | 10 25 | 1 34 | 7 43 | 1 18 | 24 46 | 4 16 | 22 5 | 0 10 | 20 47 | 1 31 | 2 5 | 0 48 | 5 20 | 0 53 | 20 54 | 0 48 | 21 9 | 21 24 | 17 55 | 16 40 | 6 22 |
| F 22 | 0 6 | 12 31 | 3 20 | 11 1 | 1 42 | 7 16 | 1 19 | 24 38 | 4 13 | 22 4 | 0 10 | 20 48 | 1 31 | 2 6 | 0 48 | 5 19 | 0 53 | 20 54 | 0 48 | 21 10 | 21 24 | 17 56 | 16 39 | 6 22 |
| S 23 | 0s17 | 8 13 | 4 6 | 11 36 | 1 50 | 6 48 | 1 20 | 24 31 | 4 10 | 22 3 | 0 10 | 20 48 | 1 31 | 2 7 | 0 48 | 5 19 | 0 53 | 20 54 | 0 48 | 21 11 | 21 25 | 17 58 | 16 38 | 6 23 |
| S 24 | 0 40 | 3 37 | 4 39 | 12 10 | 1 58 | 6 20 | 1 21 | 24 23 | 4 7 | 22 2 | 0 10 | 20 49 | 1 31 | 2 8 | 0 48 | 5 18 | 0 53 | 20 54 | 0 49 | 21 13 | 21 25 | 18 0 | 16 38 | 6 24 |
| M25 | 1 3 | 1n 4 | 4 58 | 12 44 | 2 6 | 5 52 | 1 22 | 24 15 | 4 4 | 22 1 | 0 10 | 20 50 | 1 31 | 2 9 | 0 48 | 5 17 | 0 53 | 20 54 | 0 49 | 21 15 | 21 26 | 18 1 | 16 37 | 6 24 |
| T 26 | 1 26 | 5 37 | 5 1 | 13 16 | 2 14 | 5 23 | 1 23 | 24 7 | 4 1 | 22 0 | 0 10 | 20 50 | 1 30 | 2 10 | 0 48 | 5 16 | 0 53 | 20 53 | 0 49 | 21 17 | 21 26 | 18 3 | 16 36 | 6 25 |
| W27 | 1 50 | 9 53 | 4 51 | 13 47 | 2 21 | 4 55 | 1 24 | 23 59 | 3 58 | 21 59 | 0 10 | 20 51 | 1 30 | 2 11 | 0 48 | 5 15 | 0 53 | 20 53 | 0 49 | 21 19 | 21 27 | 18 5 | 16 35 | 6 25 |
| T 28 | 2 13 | 13 41 | 4 28 | 14 17 | 2 28 | 4 26 | 1 24 | 23 50 | 3 55 | 21 58 | 0 10 | 20 52 | 1 30 | 2 12 | 0 48 | 5 14 | 0 53 | 20 53 | 0 49 | 21 21 | 21 28 | 18 6 | 16 35 | 6 26 |
| F 29 | 2 36 | 16 54 | 3 53 | 14 46 | 2 35 | 3 57 | 1 25 | 23 42 | 3 52 | 21 57 | 0 10 | 20 52 | 1 30 | 2 12 | 0 48 | 5 14 | 0 53 | 20 53 | 0 49 | 21 22 | 21 28 | 18 8 | 16 34 | 6 27 |
| S 30 | 2s59 | 19n24 | 3s 9 | 15s14 | 2s42 | 3n28 | 1n26 | 23s33 | 3s49 | 21n57 | 0s10 | 20s53 | 1n30 | 2s13 | 0s48 | 5n13 | 0n53 | 20n53 | 0n49 | 21n23 | 21n29 | 18n10 | 16n33 | 6s27 |

Julian Day Number = 2608112.5, Delta T = 10m03s
Ecliptic obliquity = 23°22'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'01, Lahiri = 29°51'02


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## OCTOBER 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 41 31 | 8♎31'17 | 26♊42 | 4♏36 | 25♍47 | 1♒43 | 18♋39 | 13♐34 | 26°R13 | 18♍53 | 0♌ 5 | 23°R15 | 22♋39 | 8♊47 | 10♋16 | S 1 |
| M 2 | 0 45 28 | 9°30'04 | 8♋35 | 5°33 | 27° 1 | 2°10 | 18°46 | 13°39 | 26♓11 | 18°56 | 0° 6 | 23°D15 | 22°36 | 8°54 | 10°17 | M 2 |
| T 3 | 0 49 24 | 10°28'53 | 20°38 | 6°27 | 28°16 | 2°37 | 18°53 | 13°43 | 26° 8 | 18°58 | 0° 7 | 23°R15 | 22°33 | 9° 1 | 10°18 | T 3 |
| W 4 | 0 53 21 | 11°27'44 | 2♌56 | 7°18 | 29°31 | 3° 5 | 18°59 | 13°47 | 26° 6 | 19° 0 | 0° 7 | 23♋15 | 22°29 | 9° 7 | 10°20 | W 4 |
| T 5 | 0 57 17 | 12°26'37 | 15°34 | 8° 6 | 0♎45 | 3°33 | 19° 5 | 13°52 | 26° 4 | 19° 2 | 0° 8 | 23°13 | 22°26 | 9°14 | 10°21 | T 5 |
| F 6 | 1 1 14 | 13°25'32 | 28°36 | 8°50 | 2° 0 | 4° 1 | 19°11 | 13°56 | 26° 2 | 19° 4 | 0° 9 | 23° 9 | 22°23 | 9°21 | 10°22 | F 6 |
| S 7 | 1 5 10 | 14°24'30 | 12♍ 5 | 9°30 | 3°15 | 4°30 | 19°17 | 14° 1 | 25°59 | 19° 6 | 0° 9 | 23° 2 | 22°20 | 9°27 | 10°23 | S 7 |
| S 8 | 1 9 7 | 15°23'29 | 26° 0 | 10° 6 | 4°29 | 4°59 | 19°23 | 14° 6 | 25°57 | 19° 8 | 0°10 | 22°53 | 22°17 | 9°34 | 10°24 | S 8 |
| M 9 | 1 13 4 | 16°22'31 | 10♎19 | 10°37 | 5°44 | 5°29 | 19°28 | 14°10 | 25°55 | 19°10 | 0°10 | 22°42 | 22°14 | 9°41 | 10°25 | M 9 |
| T 10 | 1 17 0 | 17°21'35 | 24°57 | 11° 3 | 6°59 | 5°59 | 19°34 | 14°15 | 25°53 | 19°12 | 0°11 | 22°30 | 22°10 | 9°47 | 10°26 | T 10 |
| W11 | 1 20 57 | 18°20'41 | 9♏45 | 11°24 | 8°14 | 6°29 | 19°39 | 14°20 | 25°50 | 19°14 | 0°11 | 22°19 | 22° 7 | 9°54 | 10°26 | W11 |
| T 12 | 1 24 53 | 19°19'49 | 24°35 | 11°38 | 9°28 | 7° 0 | 19°44 | 14°25 | 25°48 | 19°16 | 0°12 | 22° 9 | 22° 4 | 10° 1 | 10°27 | T 12 |
| F 13 | 1 28 50 | 20°18'58 | 9♐19 | 11°47 | 10°43 | 7°31 | 19°49 | 14°30 | 25°46 | 19°18 | 0°12 | 22° 3 | 22° 1 | 10° 7 | 10°27 | F 13 |
| S 14 | 1 32 46 | 21°18'10 | 23°51 | 11°R48 | 11°58 | 8° 2 | 19°53 | 14°35 | 25°44 | 19°20 | 0°13 | 21°59 | 21°58 | 10°14 | 10°28 | S 14 |
| S 15 | 1 36 43 | 22°17'23 | 8♑ 6 | 11°43 | 13°13 | 8°34 | 19°58 | 14°40 | 25°42 | 19°22 | 0°13 | 21°57 | 21°55 | 10°21 | 10°28 | S 15 |
| M16 | 1 40 39 | 23°16'38 | 22° 5 | 11°29 | 14°28 | 9° 5 | 20° 2 | 14°46 | 25°40 | 19°24 | 0°14 | 21°57 | 21°51 | 10°27 | 10°29 | M16 |
| T 17 | 1 44 36 | 24°15'54 | 5♒46 | 11° 8 | 15°43 | 9°38 | 20° 6 | 14°51 | 25°38 | 19°26 | 0°14 | 21°57 | 21°48 | 10°34 | 10°29 | T 17 |
| W18 | 1 48 33 | 25°15'13 | 19°11 | 10°38 | 16°58 | 10°10 | 20°10 | 14°56 | 25°36 | 19°28 | 0°14 | 21°55 | 21°45 | 10°41 | 10°29 | W18 |
| T 19 | 1 52 29 | 26°14'33 | 2♓21 | 10° 0 | 18°13 | 10°43 | 20°14 | 15° 2 | 25°34 | 19°30 | 0°15 | 21°51 | 21°42 | 10°47 | 10°R29 | T 19 |
| F 20 | 1 56 26 | 27°13'54 | 15°20 | 9°14 | 19°28 | 11°16 | 20°18 | 15° 7 | 25°32 | 19°31 | 0°15 | 21°45 | 21°39 | 10°54 | 10°29 | F 20 |
| S 21 | 2 0 22 | 28°13'18 | 28° 6 | 8°20 | 20°43 | 11°49 | 20°21 | 15°13 | 25°30 | 19°33 | 0°15 | 21°35 | 21°35 | 11° 1 | 10°29 | S 21 |
| S 22 | 2 4 19 | 29°12'43 | 10♈42 | 7°20 | 21°57 | 12°23 | 20°25 | 15°18 | 25°28 | 19°35 | 0°15 | 21°23 | 21°32 | 11° 8 | 10°29 | S 22 |
| M23 | 2 8 15 | 0♏12'11 | 23° 8 | 6°13 | 23°12 | 12°57 | 20°28 | 15°24 | 25°26 | 19°37 | 0°16 | 21°10 | 21°29 | 11°14 | 10°28 | M23 |
| T 24 | 2 12 12 | 1°11'40 | 5♉24 | 5° 2 | 24°27 | 13°31 | 20°31 | 15°30 | 25°25 | 19°39 | 0°16 | 20°56 | 21°26 | 11°21 | 10°28 | T 24 |
| W25 | 2 16 8 | 2°11'11 | 17°30 | 3°49 | 25°43 | 14° 5 | 20°33 | 15°35 | 25°23 | 19°40 | 0°16 | 20°43 | 21°23 | 11°28 | 10°27 | W25 |
| T 26 | 2 20 5 | 3°10'45 | 29°28 | 2°34 | 26°58 | 14°40 | 20°36 | 15°41 | 25°21 | 19°42 | 0°16 | 20°31 | 21°20 | 11°34 | 10°27 | T 26 |
| F 27 | 2 24 1 | 4°10'20 | 11♊20 | 1°22 | 28°13 | 15°15 | 20°38 | 15°47 | 25°19 | 19°44 | 0°16 | 20°23 | 21°16 | 11°41 | 10°26 | F 27 |
| S 28 | 2 27 58 | 5° 9'58 | 23° 8 | 0°13 | 29°28 | 15°50 | 20°40 | 15°53 | 25°18 | 19°45 | 0°16 | 20°17 | 21°13 | 11°48 | 10°26 | S 28 |
| S 29 | 2 31 55 | 6° 9'38 | 4♋56 | 29♎ 9 | 0♏43 | 16°25 | 20°42 | 15°59 | 25°16 | 19°47 | 0°16 | 20°14 | 21°10 | 11°54 | 10°25 | S 29 |
| M30 | 2 35 51 | 7° 9'20 | 16°47 | 28°14 | 1°58 | 17° 0 | 20°44 | 16° 5 | 25°14 | 19°49 | 0°16 | 20°D13 | 21° 7 | 12° 1 | 10°24 | M30 |
| T 31 | 2 39 48 | 8♏ 9'05 | 28♋48 | 27♎28 | 3♏13 | 17♒36 | 20♋46 | 16♐11 | 25♓13 | 19♍50 | 0°R16 | 20♋13 | 21♋ 4 | 12♊ 8 | 10♋23 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s22 | 21n 5 | 2s16 | 15s40 | 2s49 | 2n59 | 1n26 | 23s24 | 3s46 | 21n56 | 0s10 | 20s54 | 1n29 | 2s14 | 0s48 | 5n12 | 0n53 | 20n53 | 0n49 | 21n23 | 21n29 | 18n11 | 16n33 | 6s28 |
| M 2 | 3 45 | 21 49 | 1 17 | 16 5 | 2 55 | 2 30 | 1 26 | 23 15 | 3 43 | 21 55 | 0 9 | 20 54 | 1 29 | 2 15 | 0 48 | 5 11 | 0 53 | 20 53 | 0 49 | 21 23 | 21 30 | 18 13 | 16 32 | 6 28 |
| T 3 | 4 8 | 21 34 | 0 14 | 16 29 | 3 1 | 2 1 | 1 27 | 23 6 | 3 40 | 21 54 | 0 9 | 20 55 | 1 29 | 2 16 | 0 48 | 5 10 | 0 53 | 20 53 | 0 49 | 21 23 | 21 30 | 18 14 | 16 31 | 6 29 |
| W 4 | 4 31 | 20 17 | 0n51 | 16 51 | 3 7 | 1 32 | 1 27 | 22 57 | 3 37 | 21 53 | 0 9 | 20 56 | 1 29 | 2 17 | 0 48 | 5 9 | 0 53 | 20 53 | 0 49 | 21 23 | 21 31 | 18 16 | 16 30 | 6 30 |
| T 5 | 4 54 | 17 58 | 1 55 | 17 12 | 3 12 | 1 2 | 1 27 | 22 47 | 3 34 | 21 53 | 0 9 | 20 57 | 1 29 | 2 18 | 0 48 | 5 9 | 0 53 | 20 53 | 0 49 | 21 23 | 21 31 | 18 18 | 16 30 | 6 30 |
| F 6 | 5 17 | 14 40 | 2 55 | 17 31 | 3 17 | 0 33 | 1 27 | 22 38 | 3 31 | 21 52 | 0 9 | 20 57 | 1 28 | 2 19 | 0 48 | 5 8 | 0 53 | 20 53 | 0 50 | 21 24 | 21 32 | 18 19 | 16 29 | 6 31 |
| S 7 | 5 40 | 10 31 | 3 48 | 17 47 | 3 21 | 0 3 | 1 27 | 22 28 | 3 29 | 21 51 | 0 9 | 20 58 | 1 28 | 2 20 | 0 48 | 5 7 | 0 53 | 20 53 | 0 50 | 21 25 | 21 32 | 18 21 | 16 28 | 6 31 |
| S 8 | 6 3 | 5 41 | 4 28 | 18 2 | 3 24 | 0s26 | 1 27 | 22 18 | 3 26 | 21 50 | 0 9 | 20 59 | 1 28 | 2 21 | 0 48 | 5 6 | 0 53 | 20 53 | 0 50 | 21 27 | 21 33 | 18 23 | 16 28 | 6 32 |
| M 9 | 6 25 | 0 25 | 4 54 | 18 15 | 3 27 | 0 56 | 1 27 | 22 8 | 3 23 | 21 50 | 0 9 | 20 59 | 1 28 | 2 21 | 0 48 | 5 6 | 0 53 | 20 53 | 0 50 | 21 29 | 21 33 | 18 24 | 16 27 | 6 33 |
| T 10 | 6 48 | 4s59 | 5 0 | 18 25 | 3 29 | 1 26 | 1 27 | 21 58 | 3 20 | 21 49 | 0 9 | 21 0 | 1 28 | 2 22 | 0 48 | 5 5 | 0 53 | 20 53 | 0 50 | 21 31 | 21 34 | 18 26 | 16 26 | 6 33 |
| W11 | 7 11 | 10 10 | 4 47 | 18 33 | 3 31 | 1 55 | 1 27 | 21 47 | 3 17 | 21 48 | 0 9 | 21 1 | 1 28 | 2 23 | 0 48 | 5 4 | 0 53 | 20 53 | 0 50 | 21 32 | 21 34 | 18 27 | 16 26 | 6 34 |
| T 12 | 7 33 | 14 45 | 4 14 | 18 38 | 3 31 | 2 25 | 1 27 | 21 37 | 3 14 | 21 48 | 0 9 | 21 2 | 1 27 | 2 24 | 0 48 | 5 3 | 0 53 | 20 53 | 0 50 | 21 34 | 21 35 | 18 29 | 16 25 | 6 34 |
| F 13 | 7 55 | 18 25 | 3 25 | 18 40 | 3 31 | 2 54 | 1 26 | 21 26 | 3 12 | 21 47 | 0 9 | 21 2 | 1 27 | 2 25 | 0 48 | 5 3 | 0 53 | 20 52 | 0 50 | 21 35 | 21 35 | 18 31 | 16 24 | 6 35 |
| S 14 | 8 17 | 20 52 | 2 23 | 18 39 | 3 29 | 3 24 | 1 26 | 21 15 | 3 9 | 21 46 | 0 8 | 21 3 | 1 27 | 2 26 | 0 48 | 5 2 | 0 53 | 20 52 | 0 50 | 21 36 | 21 36 | 18 32 | 16 24 | 6 36 |
| S 15 | 8 39 | 21 56 | 1 12 | 18 35 | 3 26 | 3 53 | 1 26 | 21 4 | 3 6 | 21 46 | 0 8 | 21 4 | 1 27 | 2 26 | 0 48 | 5 1 | 0 53 | 20 52 | 0 50 | 21 36 | 21 36 | 18 34 | 16 23 | 6 36 |
| M16 | 9 1 | 21 35 | 0s 1 | 18 26 | 3 22 | 4 23 | 1 25 | 20 53 | 3 3 | 21 45 | 0 8 | 21 5 | 1 27 | 2 27 | 0 48 | 5 0 | 0 53 | 20 52 | 0 50 | 21 36 | 21 37 | 18 35 | 16 22 | 6 37 |
| T 17 | 9 23 | 19 57 | 1 12 | 18 14 | 3 16 | 4 52 | 1 24 | 20 42 | 3 1 | 21 45 | 0 8 | 21 5 | 1 27 | 2 28 | 0 48 | 5 0 | 0 53 | 20 52 | 0 50 | 21 36 | 21 37 | 18 37 | 16 22 | 6 38 |
| W18 | 9 45 | 17 14 | 2 19 | 17 57 | 3 8 | 5 21 | 1 24 | 20 31 | 2 58 | 21 44 | 0 8 | 21 6 | 1 26 | 2 29 | 0 48 | 4 59 | 0 53 | 20 53 | 0 51 | 21 36 | 21 38 | 18 39 | 16 21 | 6 38 |
| T 19 | 10 6 | 13 40 | 3 16 | 17 37 | 2 59 | 5 51 | 1 23 | 20 19 | 2 55 | 21 44 | 0 8 | 21 7 | 1 26 | 2 29 | 0 48 | 4 58 | 0 53 | 20 53 | 0 51 | 21 37 | 21 38 | 18 40 | 16 21 | 6 39 |
| F 20 | 10 28 | 9 30 | 4 2 | 17 11 | 2 48 | 6 20 | 1 22 | 20 7 | 2 53 | 21 43 | 0 8 | 21 8 | 1 26 | 2 30 | 0 48 | 4 57 | 0 53 | 20 53 | 0 51 | 21 38 | 21 39 | 18 42 | 16 20 | 6 39 |
| S 21 | 10 49 | 4 58 | 4 36 | 16 42 | 2 35 | 6 48 | 1 21 | 19 55 | 2 50 | 21 43 | 0 8 | 21 8 | 1 26 | 2 31 | 0 48 | 4 57 | 0 53 | 20 53 | 0 51 | 21 39 | 21 39 | 18 43 | 16 19 | 6 40 |
| S 22 | 11 10 | 0 18 | 4 55 | 16 8 | 2 20 | 7 17 | 1 21 | 19 43 | 2 47 | 21 43 | 0 8 | 21 9 | 1 26 | 2 32 | 0 48 | 4 56 | 0 53 | 20 53 | 0 51 | 21 41 | 21 40 | 18 45 | 16 19 | 6 41 |
| M23 | 11 31 | 4n19 | 5 0 | 15 31 | 2 4 | 7 46 | 1 20 | 19 31 | 2 45 | 21 42 | 0 8 | 21 10 | 1 26 | 2 32 | 0 48 | 4 55 | 0 53 | 20 53 | 0 51 | 21 43 | 21 40 | 18 46 | 16 18 | 6 41 |
| T 24 | 11 52 | 8 43 | 4 51 | 14 50 | 1 46 | 8 14 | 1 19 | 19 19 | 2 42 | 21 42 | 0 8 | 21 11 | 1 25 | 2 33 | 0 48 | 4 55 | 0 54 | 20 53 | 0 51 | 21 45 | 21 41 | 18 48 | 16 18 | 6 42 |
| W25 | 12 12 | 12 43 | 4 29 | 14 8 | 1 27 | 8 43 | 1 18 | 19 7 | 2 40 | 21 42 | 0 7 | 21 11 | 1 25 | 2 34 | 0 48 | 4 54 | 0 54 | 20 53 | 0 51 | 21 47 | 21 41 | 18 50 | 16 17 | 6 42 |
| T 26 | 12 33 | 16 10 | 3 55 | 13 23 | 1 7 | 9 11 | 1 16 | 18 54 | 2 37 | 21 41 | 0 7 | 21 12 | 1 25 | 2 34 | 0 48 | 4 53 | 0 54 | 20 53 | 0 51 | 21 49 | 21 42 | 18 51 | 16 16 | 6 43 |
| F 27 | 12 53 | 18 56 | 3 11 | 12 39 | 0 47 | 9 39 | 1 15 | 18 41 | 2 35 | 21 41 | 0 7 | 21 13 | 1 25 | 2 35 | 0 48 | 4 53 | 0 54 | 20 53 | 0 51 | 21 50 | 21 42 | 18 53 | 16 16 | 6 44 |
| S 28 | 13 13 | 20 54 | 2 18 | 11 55 | 0 26 | 10 6 | 1 14 | 18 28 | 2 32 | 21 41 | 0 7 | 21 14 | 1 25 | 2 36 | 0 48 | 4 52 | 0 54 | 20 53 | 0 51 | 21 51 | 21 43 | 18 54 | 16 15 | 6 44 |
| S 29 | 13 33 | 21 57 | 1 20 | 11 14 | 0 6 | 10 34 | 1 13 | 18 15 | 2 30 | 21 41 | 0 7 | 21 14 | 1 25 | 2 36 | 0 48 | 4 52 | 0 54 | 20 53 | 0 51 | 21 52 | 21 43 | 18 56 | 16 15 | 6 45 |
| M30 | 13 52 | 22 2 | 0 18 | 10 36 | 0n14 | 11 1 | 1 11 | 18 2 | 2 27 | 21 40 | 0 7 | 21 15 | 1 25 | 2 37 | 0 48 | 4 51 | 0 54 | 20 53 | 0 52 | 21 52 | 21 44 | 18 57 | 16 14 | 6 45 |
| T 31 | 14s11 | 21n 6 | 0n46 | 10s 2 | 0n33 | 11s28 | 1n10 | 17s49 | 2s25 | 21n40 | 0s 7 | 21s16 | 1n24 | 2s38 | 0s48 | 4n50 | 0n54 | 20n53 | 0n52 | 21n52 | 21n44 | 18n59 | 16n14 | 6s46 |

Julian Day Number = 2608142.5, Delta T = 10m03s
Ecliptic obliquity = 23°22'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'05, Lahiri = 29°51'06


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## NOVEMBER 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 43 44 | 9♏ 8'51 | 11♌ 3 | 26°R52 | 4♏28 | 18♒12 | 20♋47 | 16♐17 | 25°R11 | 19♍52 | 0°R16 | 20°R13 | 21♋ 1 | 12♊14 | 10°R22 | W 1 |
| T 2 | 2 47 41 | 10° 8'40 | 23°37 | 26♎27 | 5°43 | 18°48 | 20°48 | 16°23 | 25♓10 | 19°54 | 0♌16 | 20♋12 | 20°57 | 12°21 | 10♋21 | T 2 |
| F 3 | 2 51 37 | 11° 8'31 | 6♍36 | 26°13 | 6°59 | 19°24 | 20°49 | 16°29 | 25° 8 | 19°55 | 0°16 | 20° 9 | 20°54 | 12°28 | 10°20 | F 3 |
| S 4 | 2 55 34 | 12° 8'24 | 20° 4 | 26°D12 | 8°14 | 20° 1 | 20°50 | 16°36 | 25° 7 | 19°57 | 0°16 | 20° 4 | 20°51 | 12°34 | 10°18 | S 4 |
| S 5 | 2 59 30 | 13° 8'19 | 4♎ 0 | 26°21 | 9°29 | 20°37 | 20°50 | 16°42 | 25° 6 | 19°58 | 0°16 | 19°57 | 20°48 | 12°41 | 10°17 | S 5 |
| M 6 | 3 3 27 | 14° 8'16 | 18°26 | 26°40 | 10°44 | 21°14 | 20°51 | 16°48 | 25° 4 | 20° 0 | 0°16 | 19°47 | 20°45 | 12°48 | 10°15 | M 6 |
| T 7 | 3 7 24 | 15° 8'16 | 3♏15 | 27°10 | 11°59 | 21°51 | 20°R51 | 16°54 | 25° 3 | 20° 1 | 0°16 | 19°37 | 20°41 | 12°54 | 10°14 | T 7 |
| W 8 | 3 11 20 | 16° 8'17 | 18°20 | 27°49 | 13°15 | 22°28 | 20°51 | 17° 1 | 25° 2 | 20° 3 | 0°15 | 19°27 | 20°38 | 13° 1 | 10°12 | W 8 |
| T 9 | 3 15 17 | 17° 8'20 | 3♐30 | 28°35 | 14°30 | 23° 6 | 20°51 | 17° 7 | 25° 0 | 20° 4 | 0°15 | 19°19 | 20°35 | 13° 8 | 10°11 | T 9 |
| F 10 | 3 19 13 | 18° 8'25 | 18°36 | 29°29 | 15°45 | 23°43 | 20°50 | 17°14 | 24°59 | 20° 5 | 0°15 | 19°13 | 20°32 | 13°14 | 10° 9 | F 10 |
| S 11 | 3 23 10 | 19° 8'32 | 3♑28 | 0♏30 | 17° 0 | 24°21 | 20°49 | 17°20 | 24°58 | 20° 7 | 0°15 | 19°10 | 20°29 | 13°21 | 10° 7 | S 11 |
| S 12 | 3 27 6 | 20° 8'41 | 18° 0 | 1°36 | 18°16 | 24°59 | 20°49 | 17°27 | 24°57 | 20° 8 | 0°14 | 19°D 9 | 20°26 | 13°28 | 10° 5 | S 12 |
| M13 | 3 31 3 | 21° 8'50 | 2♒10 | 2°47 | 19°31 | 25°37 | 20°48 | 17°33 | 24°56 | 20° 9 | 0°14 | 19° 9 | 20°22 | 13°34 | 10° 3 | M13 |
| T 14 | 3 35 0 | 22° 9'02 | 15°55 | 4° 2 | 20°46 | 26°15 | 20°46 | 17°40 | 24°55 | 20°11 | 0°14 | 19°R10 | 20°19 | 13°41 | 10° 1 | T 14 |
| W15 | 3 38 56 | 23° 9'14 | 29°19 | 5°21 | 22° 2 | 26°53 | 20°45 | 17°47 | 24°54 | 20°12 | 0°13 | 19°10 | 20°16 | 13°48 | 9°59 | W15 |
| T 16 | 3 42 53 | 24° 9'28 | 12♓22 | 6°43 | 23°17 | 27°31 | 20°43 | 17°53 | 24°53 | 20°13 | 0°13 | 19° 8 | 20°13 | 13°54 | 9°57 | T 16 |
| F 17 | 3 46 49 | 25° 9'44 | 25° 9 | 8° 7 | 24°32 | 28°10 | 20°41 | 18° 0 | 24°52 | 20°14 | 0°13 | 19° 4 | 20°10 | 14° 1 | 9°55 | F 17 |
| S 18 | 3 50 46 | 26°10'01 | 7♈42 | 9°33 | 25°47 | 28°48 | 20°39 | 18° 7 | 24°52 | 20°15 | 0°12 | 18°58 | 20° 6 | 14° 8 | 9°52 | S 18 |
| S 19 | 3 54 42 | 27°10'19 | 20° 3 | 11° 2 | 27° 3 | 29°27 | 20°37 | 18°14 | 24°51 | 20°16 | 0°12 | 18°49 | 20° 3 | 14°14 | 9°50 | S 19 |
| M20 | 3 58 39 | 28°10'39 | 2♉15 | 12°31 | 28°18 | 0♓ 6 | 20°35 | 18°20 | 24°50 | 20°18 | 0°11 | 18°40 | 20° 0 | 14°21 | 9°47 | M20 |
| T 21 | 4 2 35 | 29°11'01 | 14°19 | 14° 2 | 29°33 | 0°45 | 20°32 | 18°27 | 24°50 | 20°19 | 0°11 | 18°30 | 19°57 | 14°28 | 9°45 | T 21 |
| W22 | 4 6 32 | 0♐11'24 | 26°16 | 15°34 | 0♐49 | 1°24 | 20°29 | 18°34 | 24°49 | 20°20 | 0°10 | 18°20 | 19°54 | 14°34 | 9°42 | W22 |
| T 23 | 4 10 28 | 1°11'49 | 8♊ 9 | 17° 7 | 2° 4 | 2° 3 | 20°26 | 18°41 | 24°48 | 20°21 | 0°10 | 18°12 | 19°51 | 14°41 | 9°40 | T 23 |
| F 24 | 4 14 25 | 2°12'15 | 19°58 | 18°40 | 3°19 | 2°43 | 20°23 | 18°48 | 24°48 | 20°22 | 0° 9 | 18° 6 | 19°47 | 14°48 | 9°37 | F 24 |
| S 25 | 4 18 22 | 3°12'43 | 1♋46 | 20°13 | 4°35 | 3°22 | 20°20 | 18°55 | 24°47 | 20°22 | 0° 8 | 18° 2 | 19°44 | 14°54 | 9°34 | S 25 |
| S 26 | 4 22 18 | 4°13'13 | 13°35 | 21°47 | 5°50 | 4° 2 | 20°16 | 19° 2 | 24°47 | 20°23 | 0° 8 | 18°D 1 | 19°41 | 15° 1 | 9°31 | S 26 |
| M27 | 4 26 15 | 5°13'44 | 25°29 | 23°22 | 7° 5 | 4°41 | 20°12 | 19° 9 | 24°47 | 20°24 | 0° 7 | 18° 1 | 19°38 | 15° 8 | 9°28 | M27 |
| T 28 | 4 30 11 | 6°14'17 | 7♌31 | 24°56 | 8°21 | 5°21 | 20° 8 | 19°16 | 24°46 | 20°25 | 0° 7 | 18° 2 | 19°35 | 15°14 | 9°25 | T 28 |
| W29 | 4 34 8 | 7°14'52 | 19°45 | 26°31 | 9°36 | 6° 1 | 20° 4 | 19°22 | 24°46 | 20°26 | 0° 6 | 18° 4 | 19°32 | 15°21 | 9°22 | W29 |
| T 30 | 4 38 4 | 8♐15'28 | 2♍17 | 28♏ 5 | 10♐51 | 6♓41 | 20♋ 0 | 19♐29 | 24♓46 | 20♍27 | 0♌ 5 | 18♋ 5 | 19♋28 | 15♊28 | 9♋19 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| W 1 | 14s31 | 19n 9 | 1n49 | 9s33 | 0n50 | 11s54 | 1n 8 | 17s36 | 2s22 | 21n40 | 0s 7 | 21s17 | 1n24 | 2s38 | 0s48 | 4n50 | 0n54 | 20n53 | 0n52 | 21n52 | 21n45 | 19n 0 | 16n13 | 6s47 | W 1 |
| T 2 | 14 49 | 16 15 | 2 48 | 9 9 | 1 6 | 12 21 | 1 7 | 17 22 | 2 20 | 21 40 | 0 7 | 21 17 | 1 24 | 2 39 | 0 48 | 4 49 | 0 54 | 20 53 | 0 52 | 21 52 | 21 45 | 19 2 | 16 13 | 6 47 | T 2 |
| F 3 | 15 8 | 12 29 | 3 41 | 8 51 | 1 20 | 12 47 | 1 5 | 17 8 | 2 17 | 21 40 | 0 7 | 21 18 | 1 24 | 2 39 | 0 47 | 4 49 | 0 54 | 20 53 | 0 52 | 21 52 | 21 46 | 19 3 | 16 12 | 6 48 | F 3 |
| S 4 | 15 27 | 7 58 | 4 23 | 8 39 | 1 33 | 13 13 | 1 4 | 16 55 | 2 15 | 21 40 | 0 6 | 21 19 | 1 24 | 2 40 | 0 47 | 4 48 | 0 54 | 20 54 | 0 52 | 21 53 | 21 46 | 19 5 | 16 12 | 6 48 | S 4 |
| S 5 | 15 45 | 2 53 | 4 52 | 8 32 | 1 43 | 13 38 | 1 2 | 16 41 | 2 13 | 21 40 | 0 6 | 21 20 | 1 24 | 2 40 | 0 47 | 4 47 | 0 54 | 20 54 | 0 52 | 21 54 | 21 47 | 19 7 | 16 11 | 6 49 | S 5 |
| M 6 | 16 3 | 2s32 | 5 3 | 8 31 | 1 52 | 14 3 | 1 0 | 16 27 | 2 10 | 21 40 | 0 6 | 21 20 | 1 24 | 2 41 | 0 47 | 4 47 | 0 54 | 20 54 | 0 52 | 21 56 | 21 47 | 19 8 | 16 11 | 6 50 | M 6 |
| T 7 | 16 20 | 7 56 | 4 55 | 8 35 | 1 59 | 14 28 | 0 59 | 16 12 | 2 8 | 21 40 | 0 6 | 21 21 | 1 24 | 2 41 | 0 47 | 4 46 | 0 54 | 20 54 | 0 52 | 21 57 | 21 48 | 19 10 | 16 10 | 6 50 | T 7 |
| W 8 | 16 38 | 12 59 | 4 26 | 8 43 | 2 5 | 14 52 | 0 57 | 15 58 | 2 6 | 21 40 | 0 6 | 21 22 | 1 23 | 2 42 | 0 47 | 4 46 | 0 54 | 20 54 | 0 52 | 21 59 | 21 48 | 19 11 | 16 10 | 6 51 | W 8 |
| T 9 | 16 55 | 17 14 | 3 38 | 8 56 | 2 9 | 15 16 | 0 55 | 15 44 | 2 3 | 21 40 | 0 6 | 21 23 | 1 23 | 2 42 | 0 47 | 4 45 | 0 54 | 20 54 | 0 52 | 22 0 | 21 49 | 19 13 | 16 9 | 6 51 | T 9 |
| F 10 | 17 12 | 20 19 | 2 36 | 9 12 | 2 12 | 15 40 | 0 53 | 15 29 | 2 1 | 21 41 | 0 6 | 21 23 | 1 23 | 2 43 | 0 47 | 4 45 | 0 54 | 20 54 | 0 53 | 22 1 | 21 49 | 19 14 | 16 9 | 6 52 | F 10 |
| S 11 | 17 28 | 21 57 | 1 23 | 9 32 | 2 13 | 16 3 | 0 51 | 15 15 | 1 59 | 21 41 | 0 6 | 21 24 | 1 23 | 2 43 | 0 47 | 4 44 | 0 54 | 20 54 | 0 53 | 22 1 | 21 50 | 19 16 | 16 9 | 6 52 | S 11 |
| S 12 | 17 44 | 22 4 | 0 6 | 9 54 | 2 14 | 16 26 | 0 49 | 15 0 | 1 57 | 21 41 | 0 6 | 21 25 | 1 23 | 2 43 | 0 47 | 4 44 | 0 54 | 20 55 | 0 53 | 22 1 | 21 50 | 19 17 | 16 8 | 6 53 | S 12 |
| M13 | 18 0 | 20 45 | 1s 9 | 10 19 | 2 13 | 16 49 | 0 47 | 14 45 | 1 54 | 21 41 | 0 5 | 21 26 | 1 23 | 2 44 | 0 47 | 4 43 | 0 54 | 20 55 | 0 53 | 22 1 | 21 51 | 19 19 | 16 8 | 6 53 | M13 |
| T 14 | 18 16 | 18 14 | 2 18 | 10 46 | 2 12 | 17 11 | 0 45 | 14 30 | 1 52 | 21 42 | 0 5 | 21 26 | 1 23 | 2 44 | 0 47 | 4 43 | 0 54 | 20 55 | 0 53 | 22 1 | 21 51 | 19 20 | 16 7 | 6 54 | T 14 |
| W15 | 18 31 | 14 47 | 3 18 | 11 14 | 2 9 | 17 32 | 0 43 | 14 15 | 1 50 | 21 42 | 0 5 | 21 27 | 1 23 | 2 44 | 0 47 | 4 42 | 0 54 | 20 55 | 0 53 | 22 1 | 21 51 | 19 22 | 16 7 | 6 54 | W15 |
| T 16 | 18 46 | 10 41 | 4 6 | 11 44 | 2 6 | 17 53 | 0 41 | 14 0 | 1 48 | 21 42 | 0 5 | 21 28 | 1 23 | 2 45 | 0 47 | 4 42 | 0 54 | 20 55 | 0 53 | 22 1 | 21 52 | 19 23 | 16 7 | 6 55 | T 16 |
| F 17 | 19 1 | 6 13 | 4 40 | 12 15 | 2 3 | 18 14 | 0 39 | 13 44 | 1 46 | 21 43 | 0 5 | 21 28 | 1 22 | 2 45 | 0 47 | 4 42 | 0 54 | 20 55 | 0 53 | 22 2 | 21 52 | 19 25 | 16 6 | 6 56 | F 17 |
| S 18 | 19 15 | 1 33 | 5 0 | 12 46 | 1 58 | 18 34 | 0 37 | 13 29 | 1 44 | 21 43 | 0 5 | 21 29 | 1 22 | 2 45 | 0 47 | 4 41 | 0 54 | 20 56 | 0 53 | 22 3 | 21 53 | 19 26 | 16 6 | 6 56 | S 18 |
| S 19 | 19 29 | 3n 5 | 5 6 | 13 18 | 1 54 | 18 53 | 0 35 | 13 13 | 1 41 | 21 44 | 0 5 | 21 30 | 1 22 | 2 46 | 0 47 | 4 41 | 0 54 | 20 56 | 0 53 | 22 4 | 21 53 | 19 28 | 16 6 | 6 57 | S 19 |
| M20 | 19 42 | 7 34 | 4 58 | 13 50 | 1 49 | 19 12 | 0 32 | 12 58 | 1 39 | 21 44 | 0 5 | 21 31 | 1 22 | 2 46 | 0 47 | 4 40 | 0 54 | 20 56 | 0 53 | 22 5 | 21 54 | 19 29 | 16 5 | 6 57 | M20 |
| T 21 | 19 56 | 11 42 | 4 36 | 14 22 | 1 43 | 19 31 | 0 30 | 12 42 | 1 37 | 21 45 | 0 5 | 21 31 | 1 22 | 2 46 | 0 47 | 4 40 | 0 54 | 20 56 | 0 53 | 22 7 | 21 54 | 19 30 | 16 5 | 6 57 | T 21 |
| W22 | 20 9 | 15 20 | 4 3 | 14 55 | 1 37 | 19 49 | 0 28 | 12 26 | 1 35 | 21 45 | 0 4 | 21 32 | 1 22 | 2 46 | 0 47 | 4 40 | 0 55 | 20 56 | 0 54 | 22 8 | 21 55 | 19 32 | 16 5 | 6 58 | W22 |
| T 23 | 20 21 | 18 21 | 3 18 | 15 27 | 1 31 | 20 6 | 0 26 | 12 10 | 1 33 | 21 46 | 0 4 | 21 33 | 1 22 | 2 46 | 0 47 | 4 39 | 0 55 | 20 56 | 0 54 | 22 9 | 21 55 | 19 33 | 16 5 | 6 58 | T 23 |
| F 24 | 20 33 | 20 35 | 2 26 | 15 59 | 1 25 | 20 23 | 0 23 | 11 54 | 1 31 | 21 46 | 0 4 | 21 33 | 1 22 | 2 47 | 0 47 | 4 39 | 0 55 | 20 57 | 0 54 | 22 10 | 21 56 | 19 35 | 16 4 | 6 59 | F 24 |
| S 25 | 20 45 | 21 55 | 1 27 | 16 30 | 1 18 | 20 40 | 0 21 | 11 38 | 1 29 | 21 47 | 0 4 | 21 34 | 1 22 | 2 47 | 0 47 | 4 39 | 0 55 | 20 57 | 0 54 | 22 10 | 21 56 | 19 36 | 16 4 | 6 59 | S 25 |
| S 26 | 20 56 | 22 18 | 0 24 | 17 1 | 1 12 | 20 55 | 0 19 | 11 22 | 1 27 | 21 48 | 0 4 | 21 35 | 1 22 | 2 47 | 0 47 | 4 38 | 0 55 | 20 57 | 0 54 | 22 10 | 21 57 | 19 38 | 16 4 | 7 0 | S 26 |
| M27 | 21 7 | 21 39 | 0n41 | 17 31 | 1 5 | 21 10 | 0 16 | 11 5 | 1 25 | 21 48 | 0 4 | 21 35 | 1 21 | 2 47 | 0 47 | 4 38 | 0 55 | 20 57 | 0 54 | 22 10 | 21 57 | 19 39 | 16 4 | 7 0 | M27 |
| T 28 | 21 18 | 20 2 | 1 44 | 18 1 | 0 58 | 21 25 | 0 14 | 10 49 | 1 23 | 21 49 | 0 4 | 21 36 | 1 21 | 2 47 | 0 47 | 4 38 | 0 55 | 20 58 | 0 54 | 22 10 | 21 57 | 19 41 | 16 3 | 7 1 | T 28 |
| W29 | 21 28 | 17 27 | 2 44 | 18 30 | 0 51 | 21 39 | 0 12 | 10 33 | 1 21 | 21 50 | 0 4 | 21 36 | 1 21 | 2 47 | 0 47 | 4 37 | 0 55 | 20 58 | 0 54 | 22 10 | 21 58 | 19 42 | 16 3 | 7 1 | W29 |
| T 30 | 21s38 | 14n 1 | 3n38 | 18s58 | 0n44 | 21s52 | 0n 9 | 10s16 | 1s19 | 21n50 | 0s 3 | 21s37 | 1n21 | 2s47 | 0s46 | 4n37 | 0n55 | 20n58 | 0n54 | 22n10 | 21n58 | 19n43 | 16n 3 | 7s 1 | T 30 |

Julian Day Number = 2608173.5, Delta T = 10m03s
Ecliptic obliquity = 23°22'58, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'09, Lahiri = 29°51'11


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# ASTRODIENST EPHEMERIS for the year 2428
# geocentric

## DECEMBER 2428 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 42 1 | 9♐16'06 | 15♍10 | 29♏40 | 12♐ 7 | 7♓20 | 19°R55 | 19♐36 | 24°R46 | 20♍27 | 0°R 4 | 18°R 5 | 19♋25 | 15♊34 | 9°R16 | F 1 |
| S 2 | 4 45 58 | 10°16'46 | 28°30 | 1♐15 | 13°22 | 8° 1 | 19♋51 | 19°44 | 24♓46 | 20°28 | 0♌ 4 | 18♋ 3 | 19°22 | 15°41 | 9♋13 | S 2 |
| S 3 | 4 49 54 | 11°17'27 | 12♎17 | 2°49 | 14°38 | 8°41 | 19°46 | 19°51 | 24°46 | 20°29 | 0° 3 | 18° 0 | 19°19 | 15°48 | 9°10 | S 3 |
| M 4 | 4 53 51 | 12°18'10 | 26°34 | 4°24 | 15°53 | 9°21 | 19°41 | 19°58 | 24°D46 | 20°29 | 0° 2 | 17°56 | 19°16 | 15°54 | 9° 6 | M 4 |
| T 5 | 4 57 47 | 13°18'54 | 11♏17 | 5°58 | 17° 8 | 10° 1 | 19°36 | 20° 5 | 24°46 | 20°30 | 0° 1 | 17°50 | 19°12 | 16° 1 | 9° 3 | T 5 |
| W 6 | 5 1 44 | 14°19'40 | 26°20 | 7°33 | 18°24 | 10°42 | 19°30 | 20°12 | 24°46 | 20°31 | 0° 1 | 17°45 | 19° 9 | 16° 8 | 8°59 | W 6 |
| T 7 | 5 5 40 | 15°20'28 | 11♐35 | 9° 7 | 19°39 | 11°22 | 19°25 | 20°19 | 24°46 | 20°31 | 29♋59 | 17°41 | 19° 6 | 16°14 | 8°56 | T 7 |
| F 8 | 5 9 37 | 16°21'16 | 26°51 | 10°42 | 20°55 | 12° 2 | 19°19 | 20°26 | 24°46 | 20°32 | 29°59 | 17°38 | 19° 3 | 16°21 | 8°53 | F 8 |
| S 9 | 5 13 33 | 17°22'06 | 11♑58 | 12°16 | 22°10 | 12°43 | 19°13 | 20°33 | 24°46 | 20°32 | 29°58 | 17°D36 | 19° 0 | 16°28 | 8°49 | S 9 |
| S 10 | 5 17 30 | 18°22'57 | 26°46 | 13°50 | 23°25 | 13°24 | 19° 7 | 20°40 | 24°47 | 20°33 | 29°57 | 17°37 | 18°57 | 16°34 | 8°45 | S 10 |
| M11 | 5 21 27 | 19°23'49 | 11♒12 | 15°25 | 24°41 | 14° 4 | 19° 1 | 20°47 | 24°47 | 20°33 | 29°56 | 17°38 | 18°53 | 16°41 | 8°42 | M11 |
| T 12 | 5 25 23 | 20°24'41 | 25°10 | 16°59 | 25°56 | 14°45 | 18°55 | 20°54 | 24°47 | 20°33 | 29°55 | 17°39 | 18°50 | 16°48 | 8°38 | T 12 |
| W13 | 5 29 20 | 21°25'34 | 8♓42 | 18°33 | 27°12 | 15°26 | 18°48 | 21° 1 | 24°48 | 20°34 | 29°54 | 17°41 | 18°47 | 16°54 | 8°35 | W13 |
| T 14 | 5 33 16 | 22°26'28 | 21°50 | 20° 7 | 28°27 | 16° 7 | 18°42 | 21° 8 | 24°48 | 20°34 | 29°53 | 17°R41 | 18°44 | 17° 1 | 8°31 | T 14 |
| F 15 | 5 37 13 | 23°27'23 | 4♈35 | 21°41 | 29°43 | 16°48 | 18°35 | 21°16 | 24°49 | 20°34 | 29°52 | 17°41 | 18°41 | 17° 8 | 8°27 | F 15 |
| S 16 | 5 41 9 | 24°28'18 | 17° 3 | 23°15 | 0♑58 | 17°29 | 18°28 | 21°23 | 24°50 | 20°34 | 29°51 | 17°39 | 18°38 | 17°14 | 8°23 | S 16 |
| S 17 | 5 45 6 | 25°29'14 | 29°17 | 24°50 | 2°13 | 18°10 | 18°22 | 21°30 | 24°50 | 20°35 | 29°50 | 17°36 | 18°34 | 17°21 | 8°20 | S 17 |
| M18 | 5 49 2 | 26°30'10 | 11♉20 | 26°24 | 3°29 | 18°51 | 18°15 | 21°37 | 24°51 | 20°35 | 29°49 | 17°33 | 18°31 | 17°28 | 8°16 | M18 |
| T 19 | 5 52 59 | 27°31'08 | 23°15 | 27°58 | 4°44 | 19°32 | 18° 7 | 21°44 | 24°52 | 20°35 | 29°48 | 17°29 | 18°28 | 17°34 | 8°12 | T 19 |
| W20 | 5 56 56 | 28°32'06 | 5♊ 6 | 29°33 | 5°59 | 20°13 | 18° 0 | 21°51 | 24°53 | 20°35 | 29°47 | 17°26 | 18°25 | 17°41 | 8° 8 | W20 |
| T 21 | 6 0 52 | 29°33'04 | 16°56 | 1♑ 7 | 7°15 | 20°54 | 17°53 | 21°58 | 24°53 | 20°35 | 29°46 | 17°23 | 18°22 | 17°48 | 8° 4 | T 21 |
| F 22 | 6 4 49 | 0♑34'04 | 28°45 | 2°42 | 8°30 | 21°36 | 17°45 | 22° 5 | 24°54 | 20°R35 | 29°45 | 17°21 | 18°18 | 17°54 | 8° 0 | F 22 |
| S 23 | 6 8 45 | 1°35'04 | 10♋36 | 4°17 | 9°46 | 22°17 | 17°38 | 22°12 | 24°55 | 20°35 | 29°44 | 17°21 | 18°15 | 18° 1 | 7°56 | S 23 |
| S 24 | 6 12 42 | 2°36'05 | 22°32 | 5°52 | 11° 1 | 22°58 | 17°30 | 22°19 | 24°56 | 20°35 | 29°43 | 17°D20 | 18°12 | 18° 8 | 7°52 | S 24 |
| M25 | 6 16 38 | 3°37'06 | 4♌34 | 7°27 | 12°16 | 23°40 | 17°23 | 22°26 | 24°57 | 20°35 | 29°42 | 17°21 | 18° 9 | 18°14 | 7°48 | M25 |
| T 26 | 6 20 35 | 4°38'09 | 16°44 | 9° 2 | 13°32 | 24°21 | 17°15 | 22°33 | 24°59 | 20°35 | 29°40 | 17°22 | 18° 6 | 18°21 | 7°45 | T 26 |
| W27 | 6 24 31 | 5°39'12 | 29° 6 | 10°37 | 14°47 | 25° 2 | 17° 7 | 22°40 | 25° 0 | 20°35 | 29°39 | 17°23 | 18° 3 | 18°28 | 7°41 | W27 |
| T 28 | 6 28 28 | 6°40'15 | 11♍42 | 12°13 | 16° 3 | 25°44 | 16°59 | 22°47 | 25° 1 | 20°35 | 29°38 | 17°24 | 17°59 | 18°34 | 7°37 | T 28 |
| F 29 | 6 32 25 | 7°41'20 | 24°36 | 13°48 | 17°18 | 26°25 | 16°51 | 22°54 | 25° 2 | 20°34 | 29°37 | 17°25 | 17°56 | 18°41 | 7°33 | F 29 |
| S 30 | 6 36 21 | 8°42'25 | 7♎50 | 15°24 | 18°33 | 27° 7 | 16°43 | 23° 1 | 25° 3 | 20°34 | 29°36 | 17°R25 | 17°53 | 18°48 | 7°29 | S 30 |
| S 31 | 6 40 18 | 9♑43'31 | 21♎27 | 17♑ 0 | 19♑49 | 27♓48 | 16♋35 | 23♐ 8 | 25♓ 5 | 20♍34 | 29♋34 | 17♋25 | 17♋50 | 18♊54 | 7♋25 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 21s47 | 9n51 | 4n22 | 19s26 | 0n37 | 22s 5 | 0n 7 | 10s 0 | 1s17 | 21n51 | 0s 3 | 21s38 | 1n21 | 2s47 | 0s46 | 4n37 | 0n55 | 20n58 | 0n54 | 22n10 | 21n59 | 19n45 | 16n 3 | 7s 2 | F 1 |
| S 2 | 21 56 | 5 6 | 4 54 | 19 52 | 0 30 | 22 17 | 0 4 | 9 43 | 1 16 | 21 52 | 0 3 | 21 38 | 1 21 | 2 47 | 0 46 | 4 37 | 0 55 | 20 59 | 0 54 | 22 10 | 21 59 | 19 46 | 16 2 | 7 2 | S 2 |
| S 3 | 22 5 | 0s 5 | 5 10 | 20 18 | 0 23 | 22 28 | 0 2 | 9 26 | 1 14 | 21 53 | 0 3 | 21 39 | 1 21 | 2 47 | 0 46 | 4 36 | 0 55 | 20 59 | 0 54 | 22 11 | 22 0 | 19 48 | 16 2 | 7 3 | S 3 |
| M 4 | 22 13 | 5 26 | 5 8 | 20 43 | 0 16 | 22 39 | 0s 0 | 9 9 | 1 12 | 21 54 | 0 3 | 21 40 | 1 21 | 2 47 | 0 46 | 4 36 | 0 55 | 20 59 | 0 55 | 22 11 | 22 0 | 19 49 | 16 2 | 7 3 | M 4 |
| T 5 | 22 21 | 10 38 | 4 46 | 21 6 | 0 9 | 22 48 | 0 3 | 8 53 | 1 10 | 21 55 | 0 3 | 21 40 | 1 21 | 2 47 | 0 46 | 4 36 | 0 55 | 20 59 | 0 55 | 22 12 | 22 1 | 19 51 | 16 2 | 7 3 | T 5 |
| W 6 | 22 28 | 15 20 | 4 4 | 21 29 | 0 2 | 22 58 | 0 5 | 8 36 | 1 8 | 21 55 | 0 3 | 21 41 | 1 21 | 2 47 | 0 46 | 4 36 | 0 55 | 21 0 | 0 55 | 22 12 | 22 1 | 19 52 | 16 2 | 7 4 | W 6 |
| T 7 | 22 35 | 19 4 | 3 4 | 21 51 | 0s 5 | 23 6 | 0 8 | 8 19 | 1 6 | 21 56 | 0 3 | 21 41 | 1 21 | 2 47 | 0 46 | 4 36 | 0 55 | 21 0 | 0 55 | 22 13 | 22 2 | 19 53 | 16 2 | 7 4 | T 7 |
| F 8 | 22 41 | 21 29 | 1 51 | 22 11 | 0 12 | 23 14 | 0 10 | 8 2 | 1 5 | 21 57 | 0 2 | 21 42 | 1 21 | 2 47 | 0 46 | 4 35 | 0 55 | 21 0 | 0 55 | 22 13 | 22 2 | 19 55 | 16 2 | 7 4 | F 8 |
| S 9 | 22 47 | 22 20 | 0 31 | 22 31 | 0 18 | 23 21 | 0 12 | 7 44 | 1 3 | 21 58 | 0 2 | 21 42 | 1 21 | 2 47 | 0 46 | 4 35 | 0 55 | 21 0 | 0 55 | 22 14 | 22 2 | 19 56 | 16 2 | 7 5 | S 9 |
| S 10 | 22 53 | 21 34 | 0s50 | 22 49 | 0 25 | 23 28 | 0 15 | 7 27 | 1 1 | 21 59 | 0 2 | 21 43 | 1 21 | 2 47 | 0 46 | 4 35 | 0 55 | 21 1 | 0 55 | 22 14 | 22 3 | 19 58 | 16 1 | 7 5 | S 10 |
| M11 | 22 58 | 19 24 | 2 6 | 23 6 | 0 32 | 23 34 | 0 17 | 7 10 | 0 59 | 22 0 | 0 2 | 21 44 | 1 20 | 2 46 | 0 46 | 4 35 | 0 55 | 21 1 | 0 55 | 22 13 | 22 3 | 19 59 | 16 1 | 7 5 | M11 |
| T 12 | 23 2 | 16 7 | 3 12 | 23 23 | 0 38 | 23 39 | 0 19 | 6 53 | 0 58 | 22 1 | 0 2 | 21 44 | 1 20 | 2 46 | 0 46 | 4 35 | 0 55 | 21 1 | 0 55 | 22 13 | 22 4 | 20 0 | 16 1 | 7 6 | T 12 |
| W13 | 23 6 | 12 4 | 4 5 | 23 37 | 0 44 | 23 43 | 0 22 | 6 35 | 0 56 | 22 2 | 0 2 | 21 45 | 1 20 | 2 46 | 0 46 | 4 35 | 0 55 | 21 1 | 0 55 | 22 13 | 22 4 | 20 2 | 16 1 | 7 6 | W13 |
| T 14 | 23 10 | 7 34 | 4 43 | 23 51 | 0 50 | 23 47 | 0 24 | 6 18 | 0 54 | 22 3 | 0 2 | 21 45 | 1 20 | 2 46 | 0 46 | 4 35 | 0 55 | 21 2 | 0 55 | 22 13 | 22 5 | 20 3 | 16 1 | 7 6 | T 14 |
| F 15 | 23 13 | 2 52 | 5 7 | 24 4 | 0 56 | 23 49 | 0 27 | 6 1 | 0 53 | 22 4 | 0 1 | 21 46 | 1 20 | 2 45 | 0 46 | 4 35 | 0 55 | 21 2 | 0 55 | 22 13 | 22 5 | 20 5 | 16 1 | 7 6 | F 15 |
| S 16 | 23 16 | 1n50 | 5 15 | 24 15 | 1 2 | 23 52 | 0 29 | 5 43 | 0 51 | 22 5 | 0 1 | 21 46 | 1 20 | 2 45 | 0 46 | 4 35 | 0 55 | 21 2 | 0 56 | 22 13 | 22 5 | 20 6 | 16 1 | 7 7 | S 16 |
| S 17 | 23 18 | 6 23 | 5 8 | 24 25 | 1 8 | 23 53 | 0 31 | 5 26 | 0 49 | 22 6 | 0 1 | 21 47 | 1 20 | 2 45 | 0 46 | 4 35 | 0 56 | 21 3 | 0 56 | 22 14 | 22 6 | 20 7 | 16 1 | 7 7 | S 17 |
| M18 | 23 20 | 10 37 | 4 48 | 24 33 | 1 13 | 23 54 | 0 33 | 5 8 | 0 48 | 22 8 | 0 1 | 21 47 | 1 20 | 2 45 | 0 46 | 4 35 | 0 56 | 21 3 | 0 56 | 22 14 | 22 6 | 20 9 | 16 1 | 7 7 | M18 |
| T 19 | 23 22 | 14 25 | 4 16 | 24 41 | 1 19 | 23 54 | 0 36 | 4 50 | 0 46 | 22 9 | 0 1 | 21 48 | 1 20 | 2 44 | 0 46 | 4 35 | 0 56 | 21 3 | 0 56 | 22 15 | 22 7 | 20 10 | 16 1 | 7 7 | T 19 |
| W20 | 23 22 | 17 37 | 3 33 | 24 47 | 1 24 | 23 53 | 0 38 | 4 33 | 0 45 | 22 10 | 0 1 | 21 48 | 1 20 | 2 44 | 0 46 | 4 35 | 0 56 | 21 3 | 0 56 | 22 15 | 22 7 | 20 11 | 16 1 | 7 7 | W20 |
| T 21 | 23 23 | 20 5 | 2 40 | 24 52 | 1 29 | 23 51 | 0 40 | 4 15 | 0 43 | 22 11 | 0 1 | 21 49 | 1 20 | 2 43 | 0 46 | 4 35 | 0 56 | 21 4 | 0 56 | 22 15 | 22 8 | 20 13 | 16 1 | 7 8 | T 21 |
| F 22 | 23 23 | 21 41 | 1 41 | 24 55 | 1 34 | 23 49 | 0 42 | 3 58 | 0 41 | 22 12 | 0 1 | 21 49 | 1 20 | 2 43 | 0 46 | 4 35 | 0 56 | 21 4 | 0 56 | 22 16 | 22 8 | 20 14 | 16 1 | 7 8 | F 22 |
| S 23 | 23 22 | 22 20 | 0 37 | 24 57 | 1 38 | 23 46 | 0 44 | 3 40 | 0 40 | 22 13 | 0 0 | 21 49 | 1 20 | 2 43 | 0 46 | 4 35 | 0 56 | 21 4 | 0 56 | 22 16 | 22 8 | 20 15 | 16 1 | 7 8 | S 23 |
| S 24 | 23 21 | 21 59 | 0n29 | 24 58 | 1 42 | 23 42 | 0 47 | 3 22 | 0 38 | 22 14 | 0 0 | 21 50 | 1 20 | 2 42 | 0 45 | 4 35 | 0 56 | 21 5 | 0 56 | 22 16 | 22 9 | 20 17 | 16 2 | 7 8 | S 24 |
| M25 | 23 20 | 20 36 | 1 34 | 24 57 | 1 46 | 23 37 | 0 49 | 3 5 | 0 37 | 22 15 | 0 0 | 21 50 | 1 20 | 2 42 | 0 45 | 4 35 | 0 56 | 21 5 | 0 56 | 22 16 | 22 9 | 20 18 | 16 2 | 7 8 | M25 |
| T 26 | 23 18 | 18 16 | 2 36 | 24 55 | 1 50 | 23 32 | 0 51 | 2 47 | 0 35 | 22 16 | 0n 0 | 21 51 | 1 20 | 2 41 | 0 45 | 4 35 | 0 56 | 21 5 | 0 56 | 22 15 | 22 10 | 20 19 | 16 2 | 7 8 | T 26 |
| W27 | 23 16 | 15 4 | 3 32 | 24 51 | 1 54 | 23 26 | 0 53 | 2 29 | 0 34 | 22 18 | 0 0 | 21 51 | 1 20 | 2 41 | 0 45 | 4 35 | 0 56 | 21 6 | 0 56 | 22 15 | 22 10 | 20 21 | 16 2 | 7 8 | W27 |
| T 28 | 23 13 | 11 8 | 4 18 | 24 46 | 1 57 | 23 20 | 0 55 | 2 11 | 0 32 | 22 19 | 0 0 | 21 52 | 1 20 | 2 40 | 0 45 | 4 35 | 0 56 | 21 6 | 0 56 | 22 15 | 22 11 | 20 22 | 16 2 | 7 9 | T 28 |
| F 29 | 23 10 | 6 37 | 4 53 | 24 39 | 2 0 | 23 12 | 0 57 | 1 54 | 0 31 | 22 20 | 0 0 | 21 52 | 1 20 | 2 40 | 0 45 | 4 35 | 0 56 | 21 6 | 0 57 | 22 15 | 22 11 | 20 23 | 16 2 | 7 9 | F 29 |
| S 30 | 23 6 | 1 42 | 5 13 | 24 31 | 2 2 | 23 4 | 0 59 | 1 36 | 0 30 | 22 21 | 0 1 | 21 52 | 1 20 | 2 39 | 0 45 | 4 35 | 0 56 | 21 7 | 0 57 | 22 15 | 22 11 | 20 25 | 16 2 | 7 9 | S 30 |
| S 31 | 23s 2 | 3s27 | 5n17 | 24s22 | 2s 5 | 22s55 | 1s 0 | 1s18 | 0s28 | 22n22 | 0n 1 | 21s53 | 1n20 | 2s39 | 0s45 | 4n35 | 0n56 | 21n 7 | 0n57 | 22n15 | 22n12 | 20n26 | 16n 2 | 7s 9 | S 31 |

Julian Day Number = 2608203.5, Delta T = 10m03s
Ecliptic obliquity = 23°22'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'13, Lahiri = 29°51'15


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## JANUARY 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 44 14 | 10♉44'38 | 5♏29 | 18♉37 | 21♉ 4 | 28♓30 | 16°R27 | 23♐15 | 25♓ 6 | 20°R34 | 29°R33 | 17°R25 | 17♋47 | 19♊ 1 | 7°R21 | M 1 |
| T 2 | 6 48 11 | 11°45'45 | 19°53 | 20°13 | 22°19 | 29°11 | 16♋19 | 23°22 | 25° 8 | 20♍33 | 29♋32 | 17♋24 | 17°44 | 19° 8 | 7♋17 | T 2 |
| W 3 | 6 52 7 | 12°46'53 | 4♐38 | 21°50 | 23°35 | 29°53 | 16°11 | 23°28 | 25° 9 | 20°33 | 29°31 | 17°24 | 17°40 | 19°14 | 7°13 | W 3 |
| T 4 | 6 56 4 | 13°48'01 | 19°38 | 23°26 | 24°50 | 0♈35 | 16° 3 | 23°35 | 25°11 | 20°32 | 29°30 | 17°23 | 17°37 | 19°21 | 7° 9 | T 4 |
| F 5 | 7 0 0 | 14°49'10 | 4♉45 | 25° 3 | 26° 6 | 1°16 | 15°55 | 23°42 | 25°12 | 20°32 | 29°28 | 17°23 | 17°34 | 19°28 | 7° 5 | F 5 |
| S 6 | 7 3 57 | 15°50'20 | 19°49 | 26°40 | 27°21 | 1°58 | 15°47 | 23°49 | 25°14 | 20°31 | 29°27 | 17°D23 | 17°31 | 19°34 | 7° 1 | S 6 |
| S 7 | 7 7 54 | 16°51'29 | 4♒42 | 28°17 | 28°36 | 2°40 | 15°39 | 23°56 | 25°16 | 20°31 | 29°26 | 17°R23 | 17°28 | 19°41 | 6°57 | S 7 |
| M 8 | 7 11 50 | 17°52'38 | 19°16 | 29°53 | 29°52 | 3°21 | 15°30 | 24° 2 | 25°17 | 20°30 | 29°25 | 17°23 | 17°24 | 19°48 | 6°53 | M 8 |
| T 9 | 7 15 47 | 18°53'47 | 3♓26 | 1♒30 | 1♒ 7 | 4° 3 | 15°22 | 24° 9 | 25°19 | 20°30 | 29°23 | 17°23 | 17°21 | 19°54 | 6°49 | T 9 |
| W10 | 7 19 43 | 19°54'56 | 17°10 | 3° 6 | 2°22 | 4°45 | 15°14 | 24°16 | 25°21 | 20°29 | 29°22 | 17°23 | 17°18 | 20° 1 | 6°46 | W10 |
| T 11 | 7 23 40 | 20°56'05 | 0♈26 | 4°42 | 3°38 | 5°26 | 15° 6 | 24°22 | 25°23 | 20°29 | 29°21 | 17°22 | 17°15 | 20° 8 | 6°42 | T 11 |
| F 12 | 7 27 36 | 21°57'13 | 13°18 | 6°18 | 4°53 | 6° 8 | 14°58 | 24°29 | 25°25 | 20°28 | 29°19 | 17°22 | 17°12 | 20°14 | 6°38 | F 12 |
| S 13 | 7 31 33 | 22°58'22 | 25°48 | 7°52 | 6° 8 | 6°50 | 14°50 | 24°35 | 25°27 | 20°27 | 29°18 | 17°D22 | 17° 9 | 20°21 | 6°34 | S 13 |
| S 14 | 7 35 29 | 23°59'29 | 8♉ 1 | 9°26 | 7°24 | 7°32 | 14°42 | 24°42 | 25°29 | 20°26 | 29°17 | 17°22 | 17° 5 | 20°28 | 6°30 | S 14 |
| M15 | 7 39 26 | 25° 0'37 | 20° 2 | 10°59 | 8°39 | 8°13 | 14°34 | 24°48 | 25°31 | 20°26 | 29°16 | 17°23 | 17° 2 | 20°34 | 6°27 | M15 |
| T 16 | 7 43 23 | 26° 1'44 | 1♊54 | 12°30 | 9°54 | 8°55 | 14°26 | 24°55 | 25°33 | 20°25 | 29°14 | 17°24 | 16°59 | 20°41 | 6°23 | T 16 |
| W17 | 7 47 19 | 27° 2'50 | 13°42 | 13°59 | 11° 9 | 9°37 | 14°19 | 25° 1 | 25°35 | 20°24 | 29°13 | 17°25 | 16°56 | 20°48 | 6°19 | W17 |
| T 18 | 7 51 16 | 28° 3'56 | 25°30 | 15°27 | 12°25 | 10°19 | 14°11 | 25° 8 | 25°37 | 20°23 | 29°12 | 17°26 | 16°53 | 20°54 | 6°16 | T 18 |
| F 19 | 7 55 12 | 29° 5'02 | 7♋22 | 16°51 | 13°40 | 11° 0 | 14° 3 | 25°14 | 25°39 | 20°22 | 29°10 | 17°26 | 16°50 | 21° 1 | 6°12 | F 19 |
| S 20 | 7 59 9 | 0♒ 6'07 | 19°19 | 18°13 | 14°55 | 11°42 | 13°56 | 25°20 | 25°42 | 20°21 | 29° 9 | 17°R27 | 16°46 | 21° 8 | 6° 9 | S 20 |
| S 21 | 8 3 5 | 1° 7'12 | 1♌25 | 19°31 | 16°10 | 12°24 | 13°48 | 25°26 | 25°44 | 20°21 | 29° 8 | 17°26 | 16°43 | 21°14 | 6° 5 | S 21 |
| M22 | 8 7 2 | 2° 8'17 | 13°40 | 20°45 | 17°25 | 13° 6 | 13°41 | 25°33 | 25°46 | 20°20 | 29° 6 | 17°25 | 16°40 | 21°21 | 6° 2 | M22 |
| T 23 | 8 10 59 | 3° 9'21 | 26° 6 | 21°54 | 18°41 | 13°47 | 13°34 | 25°39 | 25°48 | 20°19 | 29° 5 | 17°23 | 16°37 | 21°28 | 5°58 | T 23 |
| W24 | 8 14 55 | 4°10'24 | 8♍44 | 22°57 | 19°56 | 14°29 | 13°27 | 25°45 | 25°51 | 20°18 | 29° 4 | 17°20 | 16°34 | 21°34 | 5°55 | W24 |
| T 25 | 8 18 52 | 5°11'28 | 21°36 | 23°54 | 21°11 | 15°11 | 13°19 | 25°51 | 25°53 | 20°16 | 29° 3 | 17°18 | 16°30 | 21°41 | 5°52 | T 25 |
| F 26 | 8 22 48 | 6°12'31 | 4♎41 | 24°43 | 22°26 | 15°53 | 13°12 | 25°57 | 25°56 | 20°15 | 29° 1 | 17°15 | 16°27 | 21°48 | 5°49 | F 26 |
| S 27 | 8 26 45 | 7°13'33 | 18° 1 | 25°24 | 23°41 | 16°34 | 13° 6 | 26° 3 | 25°58 | 20°14 | 29° 0 | 17°13 | 16°24 | 21°54 | 5°45 | S 27 |
| S 28 | 8 30 41 | 8°14'35 | 1♏37 | 25°56 | 24°56 | 17°16 | 12°59 | 26° 9 | 26° 1 | 20°13 | 28°59 | 17°12 | 16°21 | 22° 1 | 5°42 | S 28 |
| M29 | 8 34 38 | 9°15'37 | 15°29 | 26°18 | 26°11 | 17°58 | 12°52 | 26°14 | 26° 3 | 20°12 | 28°57 | 17°D12 | 16°18 | 22° 8 | 5°39 | M29 |
| T 30 | 8 38 34 | 10°16'39 | 29°37 | 26°30 | 27°27 | 18°40 | 12°46 | 26°20 | 26° 6 | 20°11 | 28°56 | 17°13 | 16°15 | 22°14 | 5°36 | T 30 |
| W31 | 8 42 31 | 11♒17'40 | 13♐59 | 26°R30 | 28♒42 | 19♈21 | 12♋40 | 26♐26 | 26♓ 9 | 20♍10 | 28♋55 | 17♋14 | 16♋11 | 22♊21 | 5♋33 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 22s57 | 8s34 | 5n 2 | 24s11 | 2s 7 | 22s46 | 1s 2 | 1s 0 | 0s27 | 22n23 | 0n 1 | 21s53 | 1n20 | 2s38 | 0s45 | 4n36 | 0n56 | 21n 7 | 0n57 | 22n15 | 22n12 | 20n27 | 16n 3 | 7s 9 | |
| T 2 | 22 52 | 13 22 | 4 28 | 23 59 | 2 8 | 22 35 | 1 4 | 0 43 | 0 25 | 22 24 | 0 1 | 21 53 | 1 20 | 2 37 | 0 45 | 4 36 | 0 56 | 21 8 | 0 57 | 22 15 | 22 13 | 20 29 | 16 3 | 7 9 | |
| W 3 | 22 46 | 17 28 | 3 36 | 23 45 | 2 9 | 22 25 | 1 6 | 0 25 | 0 24 | 22 25 | 0 1 | 21 54 | 1 20 | 2 37 | 0 45 | 4 36 | 0 56 | 21 8 | 0 57 | 22 15 | 22 13 | 20 30 | 16 3 | 7 9 | |
| T 4 | 22 40 | 20 31 | 2 28 | 23 29 | 2 10 | 22 13 | 1 7 | 0 7 | 0 23 | 22 27 | 0 1 | 21 54 | 1 20 | 2 36 | 0 45 | 4 36 | 0 56 | 21 8 | 0 57 | 22 15 | 22 14 | 20 31 | 16 3 | 7 9 | |
| F 5 | 22 34 | 22 8 | 1 10 | 23 13 | 2 10 | 22 1 | 1 9 | 0n11 | 0 21 | 22 28 | 0 1 | 21 55 | 1 20 | 2 35 | 0 45 | 4 36 | 0 56 | 21 9 | 0 57 | 22 15 | 22 14 | 20 33 | 16 3 | 7 9 | |
| S 6 | 22 27 | 22 9 | 0s14 | 22 54 | 2 10 | 21 48 | 1 11 | 0 28 | 0 20 | 22 29 | 0 2 | 21 55 | 1 20 | 2 35 | 0 45 | 4 37 | 0 56 | 21 9 | 0 57 | 22 15 | 22 14 | 20 34 | 16 4 | 7 9 | |
| S 7 | 22 19 | 20 35 | 1 35 | 22 35 | 2 10 | 21 34 | 1 12 | 0 46 | 0 19 | 22 30 | 0 2 | 21 55 | 1 20 | 2 34 | 0 45 | 4 37 | 0 56 | 21 9 | 0 57 | 22 15 | 22 15 | 20 35 | 16 4 | 7 9 | |
| M 8 | 22 12 | 17 40 | 2 48 | 22 13 | 2 9 | 21 20 | 1 14 | 1 4 | 0 17 | 22 31 | 0 2 | 21 55 | 1 20 | 2 33 | 0 45 | 4 37 | 0 56 | 21 10 | 0 57 | 22 15 | 22 15 | 20 37 | 16 4 | 7 9 | |
| T 9 | 22 3 | 13 47 | 3 49 | 21 51 | 2 7 | 21 5 | 1 15 | 1 22 | 0 16 | 22 32 | 0 2 | 21 56 | 1 20 | 2 33 | 0 45 | 4 37 | 0 56 | 21 10 | 0 57 | 22 15 | 22 16 | 20 38 | 16 4 | 7 9 | |
| W10 | 21 55 | 9 17 | 4 35 | 21 27 | 2 5 | 20 50 | 1 17 | 1 39 | 0 15 | 22 33 | 0 2 | 21 56 | 1 20 | 2 32 | 0 45 | 4 38 | 0 56 | 21 10 | 0 57 | 22 15 | 22 16 | 20 39 | 16 4 | 7 9 | |
| T 11 | 21 45 | 4 29 | 5 4 | 21 1 | 2 2 | 20 34 | 1 18 | 1 57 | 0 13 | 22 34 | 0 2 | 21 56 | 1 20 | 2 31 | 0 45 | 4 38 | 0 57 | 21 11 | 0 57 | 22 15 | 22 16 | 20 40 | 16 5 | 7 9 | |
| F 12 | 21 36 | 0n22 | 5 17 | 20 34 | 1 59 | 20 17 | 1 19 | 2 15 | 0 12 | 22 35 | 0 2 | 21 57 | 1 20 | 2 30 | 0 45 | 4 38 | 0 57 | 21 11 | 0 58 | 22 15 | 22 17 | 20 42 | 16 5 | 7 9 | |
| S 13 | 21 26 | 5 4 | 5 14 | 20 6 | 1 55 | 20 0 | 1 21 | 2 32 | 0 11 | 22 36 | 0 3 | 21 57 | 1 20 | 2 29 | 0 45 | 4 38 | 0 57 | 21 11 | 0 58 | 22 15 | 22 17 | 20 43 | 16 5 | 7 8 | |
| S 14 | 21 16 | 9 27 | 4 58 | 19 37 | 1 50 | 19 42 | 1 22 | 2 50 | 0 10 | 22 37 | 0 3 | 21 57 | 1 20 | 2 29 | 0 45 | 4 39 | 0 57 | 21 12 | 0 58 | 22 15 | 22 18 | 20 44 | 16 6 | 7 8 | |
| M15 | 21 5 | 13 24 | 4 28 | 19 7 | 1 45 | 19 23 | 1 23 | 3 7 | 0 9 | 22 38 | 0 3 | 21 57 | 1 20 | 2 28 | 0 45 | 4 39 | 0 57 | 21 12 | 0 58 | 22 15 | 22 18 | 20 45 | 16 6 | 7 8 | |
| T 16 | 20 54 | 16 47 | 3 47 | 18 35 | 1 39 | 19 4 | 1 24 | 3 25 | 0 7 | 22 39 | 0 3 | 21 58 | 1 20 | 2 27 | 0 45 | 4 39 | 0 57 | 21 12 | 0 58 | 22 15 | 22 18 | 20 47 | 16 6 | 7 8 | |
| W17 | 20 42 | 19 28 | 2 57 | 18 3 | 1 32 | 18 45 | 1 25 | 3 42 | 0 6 | 22 40 | 0 3 | 21 58 | 1 20 | 2 26 | 0 45 | 4 40 | 0 57 | 21 13 | 0 58 | 22 15 | 22 19 | 20 48 | 16 6 | 7 8 | |
| T 18 | 20 30 | 21 20 | 1 59 | 17 30 | 1 24 | 18 25 | 1 26 | 4 0 | 0 5 | 22 41 | 0 3 | 21 58 | 1 20 | 2 25 | 0 45 | 4 40 | 0 57 | 21 13 | 0 58 | 22 15 | 22 19 | 20 49 | 16 7 | 7 8 | |
| F 19 | 20 18 | 22 15 | 0 56 | 16 56 | 1 15 | 18 4 | 1 27 | 4 17 | 0 4 | 22 42 | 0 3 | 21 58 | 1 20 | 2 24 | 0 45 | 4 41 | 0 57 | 21 13 | 0 58 | 22 15 | 22 20 | 20 50 | 16 7 | 7 8 | |
| S 20 | 20 5 | 22 10 | 0n10 | 16 22 | 1 6 | 17 43 | 1 28 | 4 35 | 0 3 | 22 43 | 0 3 | 21 59 | 1 20 | 2 23 | 0 44 | 4 41 | 0 57 | 21 14 | 0 58 | 22 15 | 22 20 | 20 52 | 16 7 | 7 7 | |
| S 21 | 19 52 | 21 3 | 1 17 | 15 48 | 0 55 | 17 21 | 1 28 | 4 52 | 0 2 | 22 44 | 0 4 | 21 59 | 1 20 | 2 22 | 0 44 | 4 41 | 0 57 | 21 14 | 0 58 | 22 15 | 22 20 | 20 53 | 16 8 | 7 7 | |
| M22 | 19 38 | 18 55 | 2 20 | 15 14 | 0 44 | 16 59 | 1 29 | 5 9 | 0 0 | 22 45 | 0 4 | 21 59 | 1 20 | 2 21 | 0 44 | 4 42 | 0 57 | 21 14 | 0 58 | 22 15 | 22 21 | 20 54 | 16 8 | 7 7 | |
| T 23 | 19 24 | 15 54 | 3 18 | 14 40 | 0 31 | 16 37 | 1 30 | 5 26 | 0n 1 | 22 46 | 0 4 | 21 59 | 1 20 | 2 21 | 0 44 | 4 42 | 0 57 | 21 15 | 0 58 | 22 15 | 22 21 | 20 55 | 16 9 | 7 7 | |
| W24 | 19 10 | 12 5 | 4 7 | 14 7 | 0 18 | 16 14 | 1 30 | 5 43 | 0 2 | 22 46 | 0 4 | 21 59 | 1 20 | 2 20 | 0 44 | 4 43 | 0 57 | 21 15 | 0 58 | 22 16 | 22 22 | 20 56 | 16 9 | 7 7 | |
| T 25 | 18 56 | 7 41 | 4 45 | 13 35 | 0 4 | 15 50 | 1 31 | 6 1 | 0 3 | 22 47 | 0 4 | 21 59 | 1 20 | 2 19 | 0 44 | 4 43 | 0 57 | 21 15 | 0 58 | 22 16 | 22 22 | 20 58 | 16 9 | 7 6 | |
| F 26 | 18 41 | 2 51 | 5 8 | 13 4 | 0n11 | 15 26 | 1 31 | 6 18 | 0 4 | 22 48 | 0 4 | 22 0 | 1 20 | 2 18 | 0 44 | 4 44 | 0 57 | 21 16 | 0 58 | 22 16 | 22 22 | 20 59 | 16 10 | 7 6 | |
| S 27 | 18 25 | 2s11 | 5 16 | 12 36 | 0 27 | 15 2 | 1 32 | 6 35 | 0 5 | 22 49 | 0 4 | 22 0 | 1 20 | 2 17 | 0 44 | 4 44 | 0 57 | 21 16 | 0 59 | 22 17 | 22 23 | 21 0 | 16 10 | 7 6 | |
| S 28 | 18 10 | 7 13 | 5 6 | 12 9 | 0 44 | 14 37 | 1 32 | 6 51 | 0 6 | 22 50 | 0 5 | 22 0 | 1 20 | 2 15 | 0 44 | 4 44 | 0 57 | 21 16 | 0 59 | 22 17 | 22 23 | 21 1 | 16 10 | 7 6 | |
| M29 | 17 54 | 12 0 | 4 38 | 11 45 | 1 1 | 14 12 | 1 32 | 7 8 | 0 7 | 22 50 | 0 5 | 22 0 | 1 20 | 2 14 | 0 44 | 4 45 | 0 57 | 21 17 | 0 59 | 22 17 | 22 23 | 21 2 | 16 11 | 7 5 | |
| T 30 | 17 37 | 16 13 | 3 53 | 11 25 | 1 19 | 13 47 | 1 32 | 7 25 | 0 8 | 22 51 | 0 5 | 22 0 | 1 20 | 2 13 | 0 44 | 4 45 | 0 57 | 21 17 | 0 59 | 22 17 | 22 24 | 21 4 | 16 11 | 7 5 | |
| W31 | 17s21 | 19s33 | 2n53 | 11s 8 | 1n37 | 13s21 | 1s32 | 7n42 | 0n 9 | 22n52 | 0n 5 | 22s 0 | 1n20 | 2s12 | 0s44 | 4n46 | 0n57 | 21n17 | 0n59 | 22n16 | 22n24 | 21n 5 | 16n12 | 7s 5 | |

Julian Day Number = 2608234.5, Delta T = 10m04s
Ecliptic obliquity = 23°22'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'18, Lahiri = 29°51'19


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## FEBRUARY 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 46 28 | 12♒18'41 | 28♐33 | 26°R19 | 29♒57 | 20♈ 3 | 12°R33 | 26♐32 | 26♓11 | 20°R 8 | 28°R54 | 17♋16 | 16♋ 8 | 22♊28 | 5°R30 | T 1 |
| F 2 | 8 50 24 | 13°19'41 | 13♑15 | 25♒56 | 1♓12 | 20°45 | 12♋27 | 26°37 | 26°14 | 20♍ 7 | 28♋52 | 17°R17 | 16° 5 | 22°34 | 5♋27 | F 2 |
| S 3 | 8 54 21 | 14°20'41 | 27°59 | 25°22 | 2°27 | 21°26 | 12°21 | 26°43 | 26°17 | 20° 6 | 28°51 | 17°16 | 16° 2 | 22°41 | 5°25 | S 3 |
| S 4 | 8 58 17 | 15°21'40 | 12♒38 | 24°38 | 3°42 | 22° 8 | 12°16 | 26°48 | 26°19 | 20° 5 | 28°50 | 17°15 | 15°59 | 22°48 | 5°22 | S 4 |
| M 5 | 9 2 14 | 16°22'38 | 27° 5 | 23°44 | 4°57 | 22°50 | 12°10 | 26°54 | 26°22 | 20° 3 | 28°49 | 17°11 | 15°56 | 22°54 | 5°19 | M 5 |
| T 6 | 9 6 10 | 17°23'35 | 11♓14 | 22°43 | 6°12 | 23°31 | 12° 5 | 26°59 | 26°25 | 20° 2 | 28°47 | 17° 7 | 15°52 | 23° 1 | 5°17 | T 6 |
| W 7 | 9 10 7 | 18°24'30 | 25° 0 | 21°35 | 7°27 | 24°13 | 11°59 | 27° 4 | 26°28 | 20° 1 | 28°46 | 17° 2 | 15°49 | 23° 8 | 5°14 | W 7 |
| T 8 | 9 14 3 | 19°25'25 | 8♈22 | 20°24 | 8°42 | 24°55 | 11°54 | 27°10 | 26°31 | 19°59 | 28°45 | 16°57 | 15°46 | 23°14 | 5°12 | T 8 |
| F 9 | 9 18 0 | 20°26'18 | 21°20 | 19°10 | 9°56 | 25°36 | 11°49 | 27°15 | 26°34 | 19°58 | 28°44 | 16°52 | 15°43 | 23°21 | 5° 9 | F 9 |
| S 10 | 9 21 57 | 21°27'10 | 3♉55 | 17°56 | 11°11 | 26°18 | 11°45 | 27°20 | 26°37 | 19°56 | 28°43 | 16°49 | 15°40 | 23°27 | 5° 7 | S 10 |
| S 11 | 9 25 53 | 22°28'01 | 16°11 | 16°45 | 12°26 | 27° 0 | 11°40 | 27°25 | 26°40 | 19°55 | 28°41 | 16°48 | 15°36 | 23°34 | 5° 5 | S 11 |
| M12 | 9 29 50 | 23°28'50 | 28°12 | 15°37 | 13°41 | 27°41 | 11°36 | 27°30 | 26°43 | 19°54 | 28°40 | 16°D47 | 15°33 | 23°41 | 5° 2 | M12 |
| T 13 | 9 33 46 | 24°29'38 | 10♊ 5 | 14°35 | 14°56 | 28°23 | 11°31 | 27°35 | 26°46 | 19°52 | 28°39 | 16°49 | 15°30 | 23°47 | 5° 0 | T 13 |
| W14 | 9 37 43 | 25°30'25 | 21°53 | 13°40 | 16°11 | 29° 4 | 11°27 | 27°40 | 26°49 | 19°51 | 28°38 | 16°50 | 15°27 | 23°54 | 4°58 | W14 |
| T 15 | 9 41 39 | 26°31'10 | 3♋41 | 12°52 | 17°25 | 29°46 | 11°23 | 27°44 | 26°52 | 19°49 | 28°37 | 16°52 | 15°24 | 24° 1 | 4°56 | T 15 |
| F 16 | 9 45 36 | 27°31'53 | 15°36 | 12°11 | 18°40 | 0♉27 | 11°20 | 27°49 | 26°55 | 19°48 | 28°36 | 16°R53 | 15°21 | 24° 7 | 4°55 | F 16 |
| S 17 | 9 49 32 | 28°32'35 | 27°39 | 11°39 | 19°55 | 1° 9 | 11°16 | 27°54 | 26°58 | 19°46 | 28°35 | 16°52 | 15°17 | 24°14 | 4°53 | S 17 |
| S 18 | 9 53 29 | 29°33'16 | 9♌55 | 11°15 | 21° 9 | 1°50 | 11°13 | 27°58 | 27° 1 | 19°45 | 28°34 | 16°49 | 15°14 | 24°21 | 4°51 | S 18 |
| M19 | 9 57 26 | 0♓33'55 | 22°25 | 10°59 | 22°24 | 2°32 | 11°10 | 28° 3 | 27° 4 | 19°43 | 28°32 | 16°45 | 15°11 | 24°27 | 4°49 | M19 |
| T 20 | 10 1 22 | 1°34'33 | 5♍10 | 10°51 | 23°38 | 3°13 | 11° 7 | 28° 7 | 27° 7 | 19°42 | 28°31 | 16°38 | 15° 8 | 24°34 | 4°48 | T 20 |
| W21 | 10 5 19 | 2°35'10 | 18°11 | 10°D50 | 24°53 | 3°55 | 11° 4 | 28°11 | 27°10 | 19°40 | 28°30 | 16°30 | 15° 5 | 24°41 | 4°46 | W21 |
| T 22 | 10 9 15 | 3°35'45 | 1♎26 | 10°56 | 26° 8 | 4°36 | 11° 2 | 28°16 | 27°14 | 19°38 | 28°29 | 16°22 | 15° 2 | 24°47 | 4°45 | T 22 |
| F 23 | 10 13 12 | 4°36'18 | 14°54 | 11° 9 | 27°22 | 5°18 | 10°59 | 28°20 | 27°17 | 19°37 | 28°28 | 16°14 | 14°58 | 24°54 | 4°44 | F 23 |
| S 24 | 10 17 8 | 5°36'51 | 28°32 | 11°27 | 28°36 | 5°59 | 10°57 | 28°24 | 27°20 | 19°35 | 28°27 | 16° 7 | 14°55 | 25° 1 | 4°42 | S 24 |
| S 25 | 10 21 5 | 6°37'22 | 12♏20 | 11°52 | 29°51 | 6°40 | 10°55 | 28°28 | 27°23 | 19°34 | 28°26 | 16° 2 | 14°52 | 25° 7 | 4°41 | S 25 |
| M26 | 10 25 1 | 7°37'52 | 26°15 | 12°21 | 1♈ 5 | 7°22 | 10°53 | 28°32 | 27°27 | 19°32 | 28°25 | 15°59 | 14°49 | 25°14 | 4°40 | M26 |
| T 27 | 10 28 58 | 8°38'21 | 10♐17 | 12°56 | 2°20 | 8° 3 | 10°52 | 28°36 | 27°30 | 19°30 | 28°24 | 15°D59 | 14°46 | 25°21 | 4°39 | T 27 |
| W28 | 10 32 54 | 9♓38'49 | 24♐25 | 13♒35 | 3♈34 | 8♉44 | 10♋51 | 28♐39 | 27♓33 | 19♍29 | 28♋23 | 15♋59 | 14♋42 | 25♊27 | 4♋38 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s 4 | 21s41 | 1n41 | 10s55 | 1n55 | 12s54 | 1s32 | 7n59 | 0n10 | 22n53 | 0n 5 | 22s 0 | 1n20 | 2s11 | 0s44 | 4n46 | 0n57 | 21n18 | 0n59 | 22n16 | 22n25 | 21n 6 | 16n12 | 7s 4 |
| F 2 | 16 47 | 22 21 | 0 22 | 10 46 | 2 12 | 12 28 | 1 32 | 8 15 | 0 11 | 22 53 | 0 5 | 22 1 | 1 20 | 2 10 | 0 44 | 4 47 | 0 57 | 21 18 | 0 59 | 22 16 | 22 25 | 21 7 | 16 12 | 7 4 |
| S 3 | 16 29 | 21 28 | 0s59 | 10 42 | 2 29 | 12 1 | 1 32 | 8 32 | 0 12 | 22 54 | 0 5 | 22 1 | 1 20 | 2 9 | 0 44 | 4 47 | 0 57 | 21 18 | 0 59 | 22 16 | 22 25 | 21 8 | 16 13 | 7 4 |
| S 4 | 16 12 | 19 8 | 2 15 | 10 42 | 2 44 | 11 34 | 1 32 | 8 48 | 0 13 | 22 55 | 0 5 | 22 1 | 1 20 | 2 8 | 0 44 | 4 48 | 0 57 | 21 18 | 0 59 | 22 16 | 22 26 | 21 10 | 16 13 | 7 3 |
| M 5 | 15 53 | 15 36 | 3 21 | 10 46 | 2 58 | 11 6 | 1 32 | 9 4 | 0 14 | 22 55 | 0 6 | 22 1 | 1 20 | 2 7 | 0 44 | 4 49 | 0 57 | 21 19 | 0 59 | 22 17 | 22 26 | 21 11 | 16 14 | 7 3 |
| T 6 | 15 35 | 11 15 | 4 14 | 10 54 | 3 11 | 10 38 | 1 32 | 9 21 | 0 15 | 22 56 | 0 6 | 22 1 | 1 20 | 2 6 | 0 44 | 4 49 | 0 57 | 21 19 | 0 59 | 22 17 | 22 26 | 21 12 | 16 14 | 7 3 |
| W 7 | 15 17 | 6 25 | 4 50 | 11 6 | 3 21 | 10 10 | 1 31 | 9 37 | 0 16 | 22 56 | 0 6 | 22 1 | 1 20 | 2 4 | 0 44 | 4 50 | 0 57 | 21 19 | 0 59 | 22 18 | 22 27 | 21 13 | 16 15 | 7 2 |
| T 8 | 14 58 | 1 25 | 5 9 | 11 21 | 3 29 | 9 42 | 1 31 | 9 53 | 0 17 | 22 57 | 0 6 | 22 1 | 1 20 | 2 3 | 0 44 | 4 50 | 0 57 | 21 20 | 0 59 | 22 19 | 22 27 | 21 14 | 16 15 | 7 2 |
| F 9 | 14 39 | 3n29 | 5 12 | 11 38 | 3 35 | 9 13 | 1 30 | 10 9 | 0 18 | 22 58 | 0 6 | 22 1 | 1 20 | 2 2 | 0 44 | 4 51 | 0 57 | 21 20 | 0 59 | 22 19 | 22 28 | 21 15 | 16 16 | 7 2 |
| S 10 | 14 19 | 8 6 | 4 59 | 11 57 | 3 38 | 8 44 | 1 30 | 10 25 | 0 18 | 22 58 | 0 6 | 22 1 | 1 20 | 2 1 | 0 44 | 4 51 | 0 57 | 21 20 | 0 59 | 22 20 | 22 28 | 21 17 | 16 16 | 7 1 |
| S 11 | 14 0 | 12 17 | 4 33 | 12 18 | 3 39 | 8 15 | 1 29 | 10 41 | 0 19 | 22 59 | 0 6 | 22 1 | 1 20 | 2 0 | 0 44 | 4 52 | 0 58 | 21 21 | 0 59 | 22 20 | 22 28 | 21 18 | 16 17 | 7 1 |
| M12 | 13 40 | 15 54 | 3 55 | 12 39 | 3 37 | 7 46 | 1 28 | 10 56 | 0 20 | 22 59 | 0 6 | 22 1 | 1 20 | 1 59 | 0 44 | 4 53 | 0 58 | 21 21 | 0 59 | 22 20 | 22 29 | 21 19 | 16 17 | 7 0 |
| T 13 | 13 20 | 18 49 | 3 7 | 13 1 | 3 33 | 7 16 | 1 27 | 11 12 | 0 21 | 23 0 | 0 7 | 22 1 | 1 20 | 1 57 | 0 44 | 4 53 | 0 58 | 21 21 | 1 0 | 22 20 | 22 29 | 21 20 | 16 17 | 7 0 |
| W14 | 12 59 | 20 56 | 2 12 | 13 22 | 3 27 | 6 46 | 1 26 | 11 28 | 0 22 | 23 0 | 0 7 | 22 1 | 1 20 | 1 56 | 0 44 | 4 54 | 0 58 | 21 21 | 1 0 | 22 19 | 22 29 | 21 21 | 16 18 | 7 0 |
| T 15 | 12 39 | 22 9 | 1 11 | 13 43 | 3 20 | 6 16 | 1 26 | 11 43 | 0 23 | 23 0 | 0 7 | 22 1 | 1 20 | 1 55 | 0 44 | 4 54 | 0 58 | 21 22 | 1 0 | 22 19 | 22 30 | 21 22 | 16 18 | 6 59 |
| F 16 | 12 18 | 22 21 | 0 7 | 14 2 | 3 11 | 5 46 | 1 25 | 11 58 | 0 24 | 23 1 | 0 7 | 22 1 | 1 20 | 1 54 | 0 44 | 4 55 | 0 58 | 21 22 | 1 0 | 22 19 | 22 30 | 21 23 | 16 19 | 6 59 |
| S 17 | 11 57 | 21 32 | 0n58 | 14 21 | 3 1 | 5 16 | 1 23 | 12 14 | 0 24 | 23 1 | 0 7 | 22 2 | 1 20 | 1 52 | 0 44 | 4 56 | 0 58 | 21 22 | 1 0 | 22 19 | 22 31 | 21 24 | 16 19 | 6 58 |
| S 18 | 11 36 | 19 41 | 2 2 | 14 38 | 2 50 | 4 46 | 1 22 | 12 29 | 0 25 | 23 2 | 0 7 | 22 2 | 1 21 | 1 51 | 0 44 | 4 56 | 0 58 | 21 23 | 1 0 | 22 20 | 22 31 | 21 25 | 16 20 | 6 58 |
| M19 | 11 15 | 16 51 | 3 1 | 14 53 | 2 39 | 4 15 | 1 21 | 12 44 | 0 26 | 23 2 | 0 7 | 22 2 | 1 21 | 1 50 | 0 44 | 4 57 | 0 58 | 21 23 | 1 0 | 22 20 | 22 31 | 21 27 | 16 20 | 6 58 |
| T 20 | 10 53 | 13 11 | 3 51 | 15 7 | 2 27 | 3 44 | 1 20 | 12 59 | 0 27 | 23 2 | 0 7 | 22 2 | 1 21 | 1 49 | 0 44 | 4 57 | 0 58 | 21 23 | 1 0 | 22 21 | 22 32 | 21 28 | 16 21 | 6 57 |
| W21 | 10 32 | 8 49 | 4 31 | 15 19 | 2 15 | 3 14 | 1 18 | 13 14 | 0 28 | 23 3 | 0 7 | 22 2 | 1 21 | 1 47 | 0 44 | 4 58 | 0 58 | 21 23 | 1 0 | 22 22 | 22 32 | 21 29 | 16 21 | 6 57 |
| T 22 | 10 10 | 3 59 | 4 57 | 15 29 | 2 2 | 2 43 | 1 17 | 13 28 | 0 28 | 23 3 | 0 8 | 22 2 | 1 21 | 1 46 | 0 44 | 4 59 | 0 58 | 21 24 | 1 0 | 22 23 | 22 32 | 21 30 | 16 22 | 6 56 |
| F 23 | 9 48 | 1s 7 | 5 7 | 15 38 | 1 49 | 2 12 | 1 16 | 13 43 | 0 29 | 23 3 | 0 8 | 22 2 | 1 21 | 1 45 | 0 44 | 4 59 | 0 58 | 21 24 | 1 0 | 22 24 | 22 33 | 21 31 | 16 22 | 6 56 |
| S 24 | 9 26 | 6 15 | 5 0 | 15 45 | 1 37 | 1 41 | 1 14 | 13 57 | 0 30 | 23 4 | 0 8 | 22 2 | 1 21 | 1 44 | 0 44 | 5 0 | 0 58 | 21 24 | 1 0 | 22 25 | 22 33 | 21 32 | 16 23 | 6 55 |
| S 25 | 9 4 | 11 7 | 4 36 | 15 51 | 1 24 | 1 10 | 1 12 | 14 12 | 0 31 | 23 4 | 0 8 | 22 2 | 1 21 | 1 42 | 0 44 | 5 1 | 0 58 | 21 24 | 1 0 | 22 25 | 22 33 | 21 33 | 16 23 | 6 55 |
| M26 | 8 41 | 15 27 | 3 55 | 15 54 | 1 12 | 0 39 | 1 11 | 14 26 | 0 31 | 23 4 | 0 8 | 22 2 | 1 21 | 1 41 | 0 44 | 5 1 | 0 58 | 21 25 | 1 0 | 22 26 | 22 34 | 21 34 | 16 24 | 6 54 |
| T 27 | 8 19 | 18 58 | 3 0 | 15 56 | 1 0 | 0 8 | 1 9 | 14 40 | 0 32 | 23 4 | 0 8 | 22 2 | 1 21 | 1 40 | 0 44 | 5 2 | 0 58 | 21 25 | 1 0 | 22 26 | 22 34 | 21 35 | 16 24 | 6 54 |
| W28 | 7s56 | 21s23 | 1n53 | 15s57 | 0n48 | 0n23 | 1s 7 | 14n54 | 0n33 | 23n 5 | 0n 8 | 22s 1 | 1n21 | 1s38 | 0s44 | 5n 3 | 0n58 | 21n25 | 1n 0 | 22n26 | 22n34 | 21n36 | 16n25 | 6s53 |

Julian Day Number = 2608265.5, Delta T = 10m04s
Ecliptic obliquity = 23°22'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'22, Lahiri = 29°51'23


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## MARCH 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 36 51 | 10♓39'15 | 8♉38 | 14♒18 | 4♈48 | 9♉25 | 10°R49 | 28♐43 | 27♓36 | 19°R27 | 28°R22 | 16°R 0 | 14♋39 | 25♊34 | 4°R38 | T 1 |
| F 2 | 10 40 48 | 11°39'41 | 22°54 | 15° 5 | 6° 2 | 10° 7 | 10♋48 | 28°47 | 27°40 | 19♍25 | 28♋22 | 16♋ 0 | 14°36 | 25°41 | 4♋37 | F 2 |
| S 3 | 10 44 44 | 12°40'04 | 7♒ 9 | 15°55 | 7°17 | 10°48 | 10°48 | 28°50 | 27°43 | 19°24 | 28°21 | 15°58 | 14°33 | 25°47 | 4°36 | S 3 |
| S 4 | 10 48 41 | 13°40'27 | 21°22 | 16°49 | 8°31 | 11°29 | 10°47 | 28°53 | 27°46 | 19°22 | 28°20 | 15°54 | 14°30 | 25°54 | 4°36 | S 4 |
| M 5 | 10 52 37 | 14°40'47 | 5♓27 | 17°46 | 9°45 | 12°10 | 10°47 | 28°57 | 27°50 | 19°20 | 28°19 | 15°47 | 14°27 | 26° 1 | 4°35 | M 5 |
| T 6 | 10 56 34 | 15°41'06 | 19°19 | 18°45 | 10°59 | 12°51 | 10°D47 | 29° 0 | 27°53 | 19°19 | 28°18 | 15°37 | 14°23 | 26° 7 | 4°35 | T 6 |
| W 7 | 11 0 30 | 16°41'23 | 2♈55 | 19°47 | 12°13 | 13°33 | 10°47 | 29° 3 | 27°57 | 19°17 | 28°17 | 15°27 | 14°20 | 26°14 | 4°34 | W 7 |
| T 8 | 11 4 27 | 17°41'39 | 16°12 | 20°52 | 13°27 | 14°14 | 10°47 | 29° 6 | 28° 0 | 19°15 | 28°17 | 15°16 | 14°17 | 26°20 | 4°34 | T 8 |
| F 9 | 11 8 23 | 18°41'52 | 29° 7 | 21°59 | 14°41 | 14°55 | 10°47 | 29° 9 | 28° 3 | 19°14 | 28°16 | 15° 6 | 14°14 | 26°27 | 4°34 | F 9 |
| S 10 | 11 12 20 | 19°42'04 | 11♉43 | 23° 8 | 15°55 | 15°36 | 10°48 | 29°12 | 28° 7 | 19°12 | 28°15 | 14°57 | 14°11 | 26°34 | 4°D34 | S 10 |
| S 11 | 11 16 17 | 20°42'13 | 24° 0 | 24°19 | 17° 9 | 16°17 | 10°49 | 29°15 | 28°10 | 19°10 | 28°14 | 14°51 | 14° 7 | 26°40 | 4°34 | S 11 |
| M12 | 11 20 13 | 21°42'21 | 6♊ 3 | 25°32 | 18°23 | 16°58 | 10°50 | 29°18 | 28°14 | 19° 9 | 28°14 | 14°48 | 14° 4 | 26°47 | 4°34 | M12 |
| T 13 | 11 24 10 | 22°42'27 | 17°55 | 26°47 | 19°37 | 17°39 | 10°51 | 29°20 | 28°17 | 19° 7 | 28°13 | 14°D46 | 14° 1 | 26°54 | 4°35 | T 13 |
| W14 | 11 28 6 | 23°42'30 | 29°44 | 28° 3 | 20°50 | 18°20 | 10°53 | 29°23 | 28°20 | 19° 5 | 28°12 | 14°46 | 13°58 | 27° 0 | 4°35 | W14 |
| T 15 | 11 32 3 | 24°42'31 | 11♋33 | 29°21 | 22° 4 | 19° 1 | 10°54 | 29°25 | 28°24 | 19° 4 | 28°12 | 14°R47 | 13°55 | 27° 7 | 4°35 | T 15 |
| F 16 | 11 35 59 | 25°42'31 | 23°28 | 0♓41 | 23°18 | 19°42 | 10°56 | 29°27 | 28°27 | 19° 2 | 28°11 | 14°47 | 13°52 | 27°14 | 4°36 | F 16 |
| S 17 | 11 39 56 | 26°42'28 | 5♌35 | 2° 3 | 24°31 | 20°23 | 10°58 | 29°30 | 28°31 | 19° 0 | 28°10 | 14°45 | 13°48 | 27°20 | 4°36 | S 17 |
| S 18 | 11 43 52 | 27°42'23 | 17°58 | 3°25 | 25°45 | 21° 3 | 11° 0 | 29°32 | 28°34 | 18°59 | 28°10 | 14°40 | 13°45 | 27°27 | 4°37 | S 18 |
| M19 | 11 47 49 | 28°42'16 | 0♍39 | 4°50 | 26°58 | 21°44 | 11° 3 | 29°34 | 28°38 | 18°57 | 28° 9 | 14°33 | 13°42 | 27°34 | 4°38 | M19 |
| T 20 | 11 51 46 | 29°42'07 | 13°41 | 6°15 | 28°12 | 22°25 | 11° 5 | 29°36 | 28°41 | 18°55 | 28° 9 | 14°23 | 13°39 | 27°40 | 4°39 | T 20 |
| W21 | 11 55 42 | 0♈41'55 | 27° 3 | 7°42 | 29°25 | 23° 6 | 11° 8 | 29°38 | 28°44 | 18°54 | 28° 8 | 14°12 | 13°36 | 27°47 | 4°39 | W21 |
| T 22 | 11 59 39 | 1°41'42 | 10♎42 | 9°11 | 0♉38 | 23°46 | 11°11 | 29°39 | 28°48 | 18°52 | 28° 8 | 14° 0 | 13°33 | 27°54 | 4°40 | T 22 |
| F 23 | 12 3 35 | 2°41'27 | 24°37 | 10°40 | 1°52 | 24°27 | 11°14 | 29°41 | 28°51 | 18°51 | 28° 7 | 13°48 | 13°29 | 28° 0 | 4°42 | F 23 |
| S 24 | 12 7 32 | 3°41'10 | 8♏42 | 12°11 | 3° 5 | 25° 8 | 11°17 | 29°42 | 28°55 | 18°49 | 28° 7 | 13°37 | 13°26 | 28° 7 | 4°43 | S 24 |
| S 25 | 12 11 28 | 4°40'52 | 22°53 | 13°44 | 4°18 | 25°49 | 11°21 | 29°44 | 28°58 | 18°47 | 28° 6 | 13°30 | 13°23 | 28°14 | 4°44 | S 25 |
| M26 | 12 15 25 | 5°40'31 | 7♐ 5 | 15°17 | 5°31 | 26°29 | 11°24 | 29°45 | 29° 1 | 18°46 | 28° 6 | 13°25 | 13°20 | 28°20 | 4°45 | M26 |
| T 27 | 12 19 21 | 6°40'09 | 21°16 | 16°52 | 6°44 | 27°10 | 11°28 | 29°47 | 29° 5 | 18°44 | 28° 6 | 13°22 | 13°17 | 28°27 | 4°47 | T 27 |
| W28 | 12 23 18 | 7°39'46 | 5♑24 | 18°29 | 7°57 | 27°50 | 11°32 | 29°48 | 29° 8 | 18°43 | 28° 5 | 13°22 | 13°13 | 28°33 | 4°48 | W28 |
| T 29 | 12 27 15 | 8°39'21 | 19°28 | 20° 6 | 9°10 | 28°31 | 11°37 | 29°49 | 29°12 | 18°41 | 28° 5 | 13°22 | 13°10 | 28°40 | 4°50 | T 29 |
| F 30 | 12 31 11 | 9°38'54 | 3♒26 | 21°45 | 10°23 | 29°11 | 11°41 | 29°50 | 29°15 | 18°40 | 28° 5 | 13°21 | 13° 7 | 28°47 | 4°52 | F 30 |
| S 31 | 12 35 8 | 10♈38'25 | 17♒19 | 23♓25 | 11♉36 | 29♉52 | 11♋46 | 29♐51 | 29♓18 | 18♍38 | 28♋ 4 | 13♋18 | 13♋ 4 | 28♊53 | 4♋53 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s33 | 22s27 | 0n40 | 15s56 | 0n36 | 0n54 | 1s 5 | 15n 8 | 0n33 | 23n 5 | 0n 8 | 22s 1 | 1n21 | 1s37 | 0s44 | 5n 3 | 0n58 | 21n25 | 1n 0 | 22n26 | 22n35 | 21n37 | 16n25 | 6s53 |
| F 2 | 7 10 | 22 3 | 0s37 | 15 53 | 0 25 | 1 25 | 1 4 | 15 21 | 0 34 | 23 5 | 0 8 | 22 1 | 1 21 | 1 36 | 0 44 | 5 4 | 0 58 | 21 26 | 1 0 | 22 26 | 22 35 | 21 38 | 16 26 | 6 52 |
| S 3 | 6 47 | 20 14 | 1 51 | 15 49 | 0 14 | 1 56 | 1 2 | 15 35 | 0 35 | 23 5 | 0 8 | 22 1 | 1 21 | 1 34 | 0 44 | 5 5 | 0 58 | 21 26 | 1 0 | 22 26 | 22 35 | 21 39 | 16 26 | 6 52 |
| S 4 | 6 24 | 17 9 | 2 58 | 15 43 | 0 3 | 2 27 | 1 0 | 15 48 | 0 36 | 23 5 | 0 9 | 22 1 | 1 21 | 1 33 | 0 44 | 5 5 | 0 58 | 21 26 | 1 0 | 22 26 | 22 36 | 21 41 | 16 27 | 6 51 |
| M 5 | 6 1 | 13 6 | 3 53 | 15 36 | 0s 8 | 2 58 | 0 57 | 16 2 | 0 36 | 23 5 | 0 9 | 22 1 | 1 21 | 1 32 | 0 44 | 5 6 | 0 58 | 21 26 | 1 1 | 22 27 | 22 36 | 21 42 | 16 27 | 6 51 |
| T 6 | 5 38 | 8 24 | 4 33 | 15 27 | 0 18 | 3 29 | 0 55 | 16 15 | 0 37 | 23 6 | 0 9 | 22 1 | 1 21 | 1 30 | 0 44 | 5 7 | 0 58 | 21 26 | 1 1 | 22 28 | 22 36 | 21 43 | 16 28 | 6 50 |
| W 7 | 5 15 | 3 23 | 4 57 | 15 17 | 0 27 | 4 0 | 0 53 | 16 28 | 0 37 | 23 6 | 0 9 | 22 1 | 1 22 | 1 29 | 0 43 | 5 7 | 0 58 | 21 27 | 1 1 | 22 29 | 22 37 | 21 44 | 16 29 | 6 50 |
| T 8 | 4 51 | 1n41 | 5 4 | 15 5 | 0 37 | 4 31 | 0 51 | 16 41 | 0 38 | 23 6 | 0 9 | 22 1 | 1 22 | 1 28 | 0 43 | 5 8 | 0 58 | 21 27 | 1 1 | 22 31 | 22 37 | 21 45 | 16 29 | 6 49 |
| F 9 | 4 28 | 6 32 | 4 55 | 14 52 | 0 45 | 5 2 | 0 49 | 16 53 | 0 39 | 23 6 | 0 9 | 22 1 | 1 22 | 1 26 | 0 43 | 5 9 | 0 58 | 21 27 | 1 1 | 22 32 | 22 37 | 21 46 | 16 30 | 6 49 |
| S 10 | 4 4 | 11 0 | 4 32 | 14 38 | 0 54 | 5 32 | 0 46 | 17 6 | 0 39 | 23 6 | 0 9 | 22 1 | 1 22 | 1 25 | 0 43 | 5 9 | 0 58 | 21 27 | 1 1 | 22 33 | 22 38 | 21 47 | 16 30 | 6 48 |
| S 11 | 3 41 | 14 54 | 3 56 | 14 22 | 1 2 | 6 3 | 0 44 | 17 18 | 0 40 | 23 6 | 0 9 | 22 1 | 1 22 | 1 23 | 0 43 | 5 10 | 0 58 | 21 27 | 1 1 | 22 33 | 22 38 | 21 48 | 16 31 | 6 48 |
| M12 | 3 17 | 18 8 | 3 11 | 14 5 | 1 10 | 6 33 | 0 41 | 17 31 | 0 41 | 23 6 | 0 9 | 22 1 | 1 22 | 1 22 | 0 43 | 5 11 | 0 58 | 21 28 | 1 1 | 22 34 | 22 38 | 21 49 | 16 31 | 6 47 |
| T 13 | 2 53 | 20 33 | 2 18 | 13 46 | 1 17 | 7 3 | 0 39 | 17 43 | 0 41 | 23 6 | 0 9 | 22 1 | 1 22 | 1 21 | 0 43 | 5 11 | 0 58 | 21 28 | 1 1 | 22 34 | 22 39 | 21 50 | 16 32 | 6 47 |
| W14 | 2 30 | 22 4 | 1 19 | 13 26 | 1 24 | 7 33 | 0 36 | 17 55 | 0 42 | 23 6 | 0 9 | 22 1 | 1 22 | 1 19 | 0 43 | 5 12 | 0 58 | 21 28 | 1 1 | 22 34 | 22 39 | 21 51 | 16 32 | 6 46 |
| T 15 | 2 6 | 22 36 | 0 17 | 13 5 | 1 31 | 8 3 | 0 34 | 18 7 | 0 42 | 23 6 | 0 10 | 22 1 | 1 22 | 1 18 | 0 43 | 5 13 | 0 58 | 21 28 | 1 1 | 22 34 | 22 39 | 21 52 | 16 33 | 6 46 |
| F 16 | 1 42 | 22 6 | 0n46 | 12 43 | 1 37 | 8 33 | 0 31 | 18 18 | 0 43 | 23 6 | 0 10 | 22 1 | 1 22 | 1 17 | 0 43 | 5 13 | 0 58 | 21 28 | 1 1 | 22 34 | 22 40 | 21 53 | 16 33 | 6 45 |
| S 17 | 1 18 | 20 35 | 1 48 | 12 19 | 1 43 | 9 2 | 0 29 | 18 30 | 0 44 | 23 6 | 0 10 | 22 1 | 1 22 | 1 15 | 0 43 | 5 14 | 0 58 | 21 29 | 1 1 | 22 34 | 22 40 | 21 54 | 16 34 | 6 45 |
| S 18 | 0 55 | 18 3 | 2 47 | 11 55 | 1 48 | 9 32 | 0 26 | 18 41 | 0 44 | 23 5 | 0 10 | 22 1 | 1 22 | 1 14 | 0 43 | 5 15 | 0 58 | 21 29 | 1 1 | 22 35 | 22 40 | 21 55 | 16 34 | 6 44 |
| M19 | 0 31 | 14 37 | 3 38 | 11 28 | 1 53 | 10 1 | 0 23 | 18 52 | 0 45 | 23 5 | 0 10 | 22 1 | 1 22 | 1 13 | 0 43 | 5 15 | 0 58 | 21 29 | 1 1 | 22 35 | 22 41 | 21 56 | 16 34 | 6 44 |
| T 20 | 0 7 | 10 24 | 4 19 | 11 1 | 1 58 | 10 30 | 0 20 | 19 4 | 0 45 | 23 5 | 0 10 | 22 0 | 1 22 | 1 11 | 0 43 | 5 16 | 0 58 | 21 29 | 1 1 | 22 36 | 22 41 | 21 57 | 16 35 | 6 43 |
| W21 | 0n17 | 5 35 | 4 48 | 10 33 | 2 2 | 10 58 | 0 17 | 19 14 | 0 46 | 23 5 | 0 10 | 22 0 | 1 23 | 1 10 | 0 43 | 5 16 | 0 58 | 21 29 | 1 1 | 22 38 | 22 41 | 21 58 | 16 35 | 6 43 |
| T 22 | 0 40 | 0 23 | 5 0 | 10 3 | 2 6 | 11 26 | 0 15 | 19 25 | 0 46 | 23 5 | 0 10 | 22 0 | 1 23 | 1 9 | 0 43 | 5 17 | 0 58 | 21 29 | 1 1 | 22 39 | 22 42 | 21 59 | 16 36 | 6 42 |
| F 23 | 1 4 | 4s56 | 4 56 | 9 32 | 2 9 | 11 55 | 0 12 | 19 36 | 0 47 | 23 5 | 0 10 | 22 0 | 1 23 | 1 7 | 0 43 | 5 18 | 0 58 | 21 29 | 1 1 | 22 40 | 22 42 | 21 59 | 16 36 | 6 42 |
| S 24 | 1 28 | 10 3 | 4 33 | 9 0 | 2 12 | 12 22 | 0 9 | 19 46 | 0 47 | 23 5 | 0 10 | 22 0 | 1 23 | 1 6 | 0 43 | 5 18 | 0 58 | 21 30 | 1 1 | 22 41 | 22 42 | 22 0 | 16 37 | 6 41 |
| S 25 | 1 51 | 14 41 | 3 53 | 8 27 | 2 14 | 12 50 | 0 6 | 19 56 | 0 48 | 23 4 | 0 10 | 22 0 | 1 23 | 1 4 | 0 43 | 5 19 | 0 58 | 21 30 | 1 1 | 22 42 | 22 43 | 22 1 | 16 37 | 6 41 |
| M26 | 2 15 | 18 30 | 2 59 | 7 53 | 2 16 | 13 17 | 0 3 | 20 6 | 0 48 | 23 4 | 0 11 | 22 0 | 1 23 | 1 3 | 0 43 | 5 20 | 0 58 | 21 30 | 1 1 | 22 43 | 22 43 | 22 2 | 16 38 | 6 40 |
| T 27 | 2 39 | 21 12 | 1 54 | 7 17 | 2 18 | 13 44 | 0n 0 | 20 16 | 0 49 | 23 4 | 0 11 | 22 0 | 1 23 | 1 2 | 0 43 | 5 20 | 0 58 | 21 30 | 1 1 | 22 43 | 22 43 | 22 3 | 16 38 | 6 40 |
| W28 | 3 2 | 22 34 | 0 42 | 6 41 | 2 19 | 14 11 | 0 3 | 20 26 | 0 49 | 23 4 | 0 11 | 22 0 | 1 23 | 1 0 | 0 43 | 5 21 | 0 58 | 21 30 | 1 2 | 22 43 | 22 44 | 22 4 | 16 39 | 6 39 |
| T 29 | 3 25 | 22 30 | 0s32 | 6 3 | 2 20 | 14 37 | 0 6 | 20 35 | 0 50 | 23 3 | 0 11 | 22 0 | 1 23 | 0 59 | 0 43 | 5 21 | 0 58 | 21 30 | 1 2 | 22 43 | 22 44 | 22 5 | 16 39 | 6 39 |
| F 30 | 3 49 | 21 2 | 1 44 | 5 25 | 2 20 | 15 3 | 0 9 | 20 45 | 0 50 | 23 3 | 0 11 | 22 0 | 1 23 | 0 58 | 0 43 | 5 22 | 0 58 | 21 30 | 1 2 | 22 43 | 22 44 | 22 6 | 16 40 | 6 38 |
| S 31 | 4n12 | 18s17 | 2s49 | 4s45 | 2s20 | 15n28 | 0n12 | 20n54 | 0n51 | 23n 3 | 0n11 | 22s 0 | 1n23 | 0s56 | 0s43 | 5n23 | 0n58 | 21n30 | 1n 2 | 22n43 | 22n45 | 22n 7 | 16n40 | 6s38 |

Julian Day Number = 2608293.5, Delta T = 10m04s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'26, Lahiri = 29°51'27


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## APRIL 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 39 4 | 11♈37'54 | 1♓ 6 | 25♓ 6 | 12♉49 | 0♊32 | 11♋50 | 29♐51 | 29♓22 | 18°R36 | 28°R 4 | 13°R12 | 13♋ 1 | 29♊ 0 | 4♋55 | S 1 |
| M 2 | 12 43 1 | 12°37'22 | 14°44 | 26°49 | 14° 1 | 1°13 | 11°55 | 29°52 | 29°25 | 18♍35 | 28♋ 4 | 13♋ 3 | 12°58 | 29° 7 | 4°57 | M 2 |
| T 3 | 12 46 57 | 13°36'48 | 28°12 | 28°33 | 15°14 | 1°53 | 12° 0 | 29°53 | 29°29 | 18°33 | 28° 4 | 12°52 | 12°54 | 29°13 | 4°59 | T 3 |
| W 4 | 12 50 54 | 14°36'11 | 11♈27 | 0♈19 | 16°27 | 2°34 | 12° 5 | 29°53 | 29°32 | 18°32 | 28° 4 | 12°39 | 12°51 | 29°20 | 5° 1 | W 4 |
| T 5 | 12 54 50 | 15°35'33 | 24°28 | 2° 5 | 17°39 | 3°14 | 12°11 | 29°53 | 29°35 | 18°31 | 28° 3 | 12°26 | 12°48 | 29°27 | 5° 3 | T 5 |
| F 6 | 12 58 47 | 16°34'53 | 7♉12 | 3°53 | 18°51 | 3°54 | 12°16 | 29°54 | 29°39 | 18°29 | 28° 3 | 12°13 | 12°45 | 29°33 | 5° 6 | F 6 |
| S 7 | 13 2 43 | 17°34'11 | 19°40 | 5°43 | 20° 4 | 4°35 | 12°22 | 29°54 | 29°42 | 18°28 | 28° 3 | 12° 2 | 12°42 | 29°40 | 5° 8 | S 7 |
| S 8 | 13 6 40 | 18°33'26 | 1♊53 | 7°34 | 21°16 | 5°15 | 12°28 | 29°R54 | 29°45 | 18°26 | 28° 3 | 11°54 | 12°39 | 29°47 | 5°10 | S 8 |
| M 9 | 13 10 37 | 19°32'39 | 13°54 | 9°26 | 22°28 | 5°55 | 12°34 | 29°54 | 29°48 | 18°25 | 28° 3 | 11°49 | 12°35 | 29°53 | 5°13 | M 9 |
| T 10 | 13 14 33 | 20°31'50 | 25°46 | 11°20 | 23°41 | 6°36 | 12°40 | 29°54 | 29°52 | 18°24 | 28°D 3 | 11°46 | 12°32 | 29°59 | 5°15 | T 10 |
| W11 | 13 18 30 | 21°30'59 | 7♋33 | 13°15 | 24°53 | 7°16 | 12°46 | 29°53 | 29°55 | 18°22 | 28° 3 | 11°D45 | 12°29 | 0♋ 7 | 5°18 | W11 |
| T 12 | 13 22 26 | 22°30'06 | 19°22 | 15°11 | 26° 5 | 7°56 | 12°53 | 29°53 | 29°58 | 18°21 | 28° 3 | 11°R45 | 12°26 | 0°13 | 5°21 | T 12 |
| F 13 | 13 26 23 | 23°29'10 | 1♌17 | 17° 9 | 27°17 | 8°36 | 13° 0 | 29°53 | 0♈ 1 | 18°20 | 28° 3 | 11°45 | 12°23 | 0°20 | 5°23 | F 13 |
| S 14 | 13 30 19 | 24°28'12 | 13°25 | 19° 8 | 28°29 | 9°16 | 13° 6 | 29°52 | 0° 5 | 18°18 | 28° 3 | 11°44 | 12°19 | 0°26 | 5°26 | S 14 |
| S 15 | 13 34 16 | 25°27'12 | 25°49 | 21° 8 | 29°40 | 9°56 | 13°13 | 29°51 | 0° 8 | 18°17 | 28° 3 | 11°40 | 12°16 | 0°33 | 5°29 | S 15 |
| M16 | 13 38 12 | 26°26'10 | 8♍35 | 23°10 | 0♊52 | 10°36 | 13°20 | 29°51 | 0°11 | 18°16 | 28° 3 | 11°34 | 12°13 | 0°40 | 5°32 | M16 |
| T 17 | 13 42 9 | 27°25'05 | 21°44 | 25°12 | 2° 4 | 11°16 | 13°28 | 29°50 | 0°14 | 18°15 | 28° 4 | 11°26 | 12°10 | 0°46 | 5°35 | T 17 |
| W18 | 13 46 6 | 28°23'58 | 5♎19 | 27°16 | 3°15 | 11°56 | 13°35 | 29°49 | 0°17 | 18°13 | 28° 4 | 11°15 | 12° 7 | 0°53 | 5°38 | W18 |
| T 19 | 13 50 2 | 29°22'49 | 19°17 | 29°21 | 4°27 | 12°36 | 13°42 | 29°48 | 0°20 | 18°12 | 28° 4 | 11° 4 | 12° 4 | 1° 0 | 5°42 | T 19 |
| F 20 | 13 53 59 | 0♉21'38 | 3♏34 | 1♉26 | 5°38 | 13°16 | 13°50 | 29°47 | 0°23 | 18°11 | 28° 4 | 10°53 | 12° 0 | 1° 6 | 5°45 | F 20 |
| S 21 | 13 57 55 | 1°20'25 | 18° 5 | 3°32 | 6°50 | 13°56 | 13°58 | 29°46 | 0°27 | 18°10 | 28° 4 | 10°44 | 11°57 | 1°13 | 5°48 | S 21 |
| S 22 | 14 1 52 | 2°19'10 | 2♐42 | 5°39 | 8° 1 | 14°36 | 14° 6 | 29°44 | 0°30 | 18° 9 | 28° 5 | 10°36 | 11°54 | 1°20 | 5°52 | S 22 |
| M23 | 14 5 48 | 3°17'53 | 17°19 | 7°46 | 9°12 | 15°16 | 14°14 | 29°43 | 0°33 | 18° 8 | 28° 5 | 10°32 | 11°51 | 1°26 | 5°55 | M23 |
| T 24 | 14 9 45 | 4°16'35 | 1♑50 | 9°53 | 10°23 | 15°56 | 14°22 | 29°41 | 0°36 | 18° 7 | 28° 5 | 10°30 | 11°48 | 1°33 | 5°59 | T 24 |
| W25 | 14 13 41 | 5°15'15 | 16°11 | 11°59 | 11°34 | 16°36 | 14°30 | 29°40 | 0°39 | 18° 6 | 28° 6 | 10°D30 | 11°44 | 1°40 | 6° 2 | W25 |
| T 26 | 14 17 38 | 6°13'54 | 0♒19 | 14° 5 | 12°45 | 17°15 | 14°39 | 29°38 | 0°42 | 18° 5 | 28° 6 | 10°R30 | 11°41 | 1°46 | 6° 6 | T 26 |
| F 27 | 14 21 35 | 7°12'31 | 14°14 | 16°10 | 13°56 | 17°55 | 14°47 | 29°36 | 0°44 | 18° 4 | 28° 7 | 10°30 | 11°38 | 1°53 | 6°10 | F 27 |
| S 28 | 14 25 31 | 8°11'06 | 27°56 | 18°14 | 15° 6 | 18°35 | 14°56 | 29°35 | 0°47 | 18° 3 | 28° 7 | 10°29 | 11°35 | 2° 0 | 6°13 | S 28 |
| S 29 | 14 29 28 | 9° 9'39 | 11♓25 | 20°16 | 16°17 | 19°15 | 15° 4 | 29°33 | 0°50 | 18° 2 | 28° 7 | 10°25 | 11°32 | 2° 6 | 6°17 | S 29 |
| M30 | 14 33 24 | 10♉ 8'11 | 24♓42 | 22♉17 | 17♊27 | 19♊54 | 15♋13 | 29♐31 | 0♈53 | 18♍ 1 | 28♋ 8 | 10♋18 | 11♋29 | 2♋13 | 6♋21 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n35 | 14s33 | 3s44 | 4s 4 | 2s19 | 15n53 | 0n15 | 21n 3 | 0n51 | 23n 2 | 0n11 | 22s 0 | 1n23 | 0s55 | 0s43 | 5n23 | 0n58 | 21n30 | 1n 2 | 22n44 | 22n45 | 22n 8 | 16n40 | 6s37 |
| M 2 | 4 59 | 10 4 | 4 25 | 3 22 | 2 18 | 16 18 | 0 18 | 21 12 | 0 51 | 23 2 | 0 11 | 22 0 | 1 23 | 0 54 | 0 43 | 5 24 | 0 58 | 21 30 | 1 2 | 22 45 | 22 45 | 22 9 | 16 41 | 6 37 |
| T 3 | 5 22 | 5 9 | 4 51 | 2 39 | 2 16 | 16 42 | 0 21 | 21 20 | 0 52 | 23 2 | 0 11 | 22 0 | 1 23 | 0 52 | 0 43 | 5 24 | 0 58 | 21 31 | 1 2 | 22 46 | 22 46 | 22 10 | 16 41 | 6 36 |
| W 4 | 5 45 | 0 5 | 5 0 | 1 56 | 2 14 | 17 6 | 0 25 | 21 29 | 0 52 | 23 1 | 0 11 | 21 59 | 1 24 | 0 51 | 0 43 | 5 25 | 0 58 | 21 31 | 1 2 | 22 47 | 22 46 | 22 11 | 16 42 | 6 36 |
| T 5 | 6 7 | 4n54 | 4 54 | 1 11 | 2 11 | 17 30 | 0 28 | 21 37 | 0 53 | 23 1 | 0 11 | 21 59 | 1 24 | 0 50 | 0 43 | 5 26 | 0 58 | 21 31 | 1 2 | 22 48 | 22 46 | 22 11 | 16 42 | 6 35 |
| F 6 | 6 30 | 9 35 | 4 33 | 0 25 | 2 8 | 17 53 | 0 31 | 21 45 | 0 53 | 23 0 | 0 11 | 21 59 | 1 24 | 0 48 | 0 43 | 5 26 | 0 58 | 21 31 | 1 2 | 22 49 | 22 46 | 22 12 | 16 43 | 6 35 |
| S 7 | 6 53 | 13 46 | 3 59 | 0n21 | 2 5 | 18 16 | 0 34 | 21 53 | 0 54 | 23 0 | 0 11 | 21 59 | 1 24 | 0 47 | 0 43 | 5 27 | 0 58 | 21 31 | 1 2 | 22 50 | 22 47 | 22 13 | 16 43 | 6 34 |
| S 8 | 7 15 | 17 19 | 3 14 | 1 9 | 2 1 | 18 38 | 0 37 | 22 1 | 0 54 | 22 59 | 0 12 | 21 59 | 1 24 | 0 46 | 0 43 | 5 27 | 0 58 | 21 31 | 1 2 | 22 51 | 22 47 | 22 14 | 16 43 | 6 34 |
| M 9 | 7 38 | 20 4 | 2 22 | 1 57 | 1 56 | 19 0 | 0 40 | 22 8 | 0 54 | 22 59 | 0 12 | 21 59 | 1 24 | 0 45 | 0 44 | 5 28 | 0 58 | 21 31 | 1 2 | 22 52 | 22 47 | 22 15 | 16 44 | 6 33 |
| T 10 | 8 0 | 21 55 | 1 24 | 2 46 | 1 51 | 19 21 | 0 43 | 22 16 | 0 55 | 22 58 | 0 12 | 21 59 | 1 24 | 0 43 | 0 44 | 5 28 | 0 58 | 21 31 | 1 2 | 22 52 | 22 48 | 22 16 | 16 44 | 6 33 |
| W11 | 8 22 | 22 48 | 0 22 | 3 36 | 1 45 | 19 42 | 0 46 | 22 23 | 0 55 | 22 58 | 0 12 | 21 59 | 1 24 | 0 42 | 0 44 | 5 29 | 0 58 | 21 31 | 1 2 | 22 52 | 22 48 | 22 17 | 16 44 | 6 33 |
| T 12 | 8 44 | 22 39 | 0n40 | 4 26 | 1 39 | 20 2 | 0 49 | 22 30 | 0 56 | 22 57 | 0 12 | 21 59 | 1 24 | 0 41 | 0 44 | 5 29 | 0 58 | 21 31 | 1 2 | 22 52 | 22 48 | 22 18 | 16 45 | 6 32 |
| F 13 | 9 6 | 21 29 | 1 42 | 5 18 | 1 33 | 20 22 | 0 53 | 22 36 | 0 56 | 22 57 | 0 12 | 21 59 | 1 24 | 0 39 | 0 44 | 5 30 | 0 58 | 21 31 | 1 2 | 22 52 | 22 49 | 22 18 | 16 45 | 6 32 |
| S 14 | 9 28 | 19 18 | 2 40 | 6 9 | 1 25 | 20 41 | 0 56 | 22 43 | 0 56 | 22 56 | 0 12 | 21 59 | 1 24 | 0 38 | 0 44 | 5 30 | 0 58 | 21 31 | 1 2 | 22 52 | 22 49 | 22 19 | 16 45 | 6 31 |
| S 15 | 9 49 | 16 12 | 3 31 | 7 1 | 1 18 | 20 59 | 0 59 | 22 49 | 0 57 | 22 56 | 0 12 | 21 59 | 1 24 | 0 37 | 0 44 | 5 31 | 0 58 | 21 31 | 1 2 | 22 52 | 22 49 | 22 20 | 16 46 | 6 31 |
| M16 | 10 11 | 12 15 | 4 14 | 7 54 | 1 10 | 21 18 | 1 2 | 22 56 | 0 57 | 22 55 | 0 12 | 21 59 | 1 24 | 0 36 | 0 44 | 5 31 | 0 58 | 21 31 | 1 2 | 22 53 | 22 49 | 22 21 | 16 46 | 6 30 |
| T 17 | 10 32 | 7 38 | 4 45 | 8 47 | 1 1 | 21 35 | 1 5 | 23 2 | 0 57 | 22 54 | 0 12 | 21 59 | 1 24 | 0 34 | 0 44 | 5 32 | 0 58 | 21 31 | 1 2 | 22 54 | 22 50 | 22 22 | 16 46 | 6 30 |
| W18 | 10 53 | 2 29 | 5 0 | 9 40 | 0 52 | 21 52 | 1 8 | 23 7 | 0 58 | 22 54 | 0 12 | 21 58 | 1 24 | 0 33 | 0 44 | 5 32 | 0 58 | 21 31 | 1 2 | 22 54 | 22 50 | 22 23 | 16 47 | 6 29 |
| T 19 | 11 14 | 2s55 | 4 59 | 10 33 | 0 43 | 22 9 | 1 11 | 23 13 | 0 58 | 22 53 | 0 12 | 21 58 | 1 25 | 0 32 | 0 44 | 5 33 | 0 58 | 21 31 | 1 2 | 22 55 | 22 50 | 22 23 | 16 47 | 6 29 |
| F 20 | 11 34 | 8 18 | 4 39 | 11 26 | 0 33 | 22 24 | 1 14 | 23 18 | 0 58 | 22 52 | 0 12 | 21 58 | 1 25 | 0 31 | 0 44 | 5 33 | 0 58 | 21 31 | 1 2 | 22 56 | 22 51 | 22 24 | 16 47 | 6 28 |
| S 21 | 11 55 | 13 19 | 4 1 | 12 18 | 0 23 | 22 40 | 1 17 | 23 24 | 0 59 | 22 52 | 0 12 | 21 58 | 1 25 | 0 30 | 0 44 | 5 33 | 0 58 | 21 31 | 1 2 | 22 57 | 22 51 | 22 25 | 16 48 | 6 28 |
| S 22 | 12 15 | 17 36 | 3 7 | 13 10 | 0 13 | 22 54 | 1 20 | 23 29 | 0 59 | 22 51 | 0 13 | 21 58 | 1 25 | 0 28 | 0 44 | 5 34 | 0 58 | 21 31 | 1 2 | 22 58 | 22 51 | 22 26 | 16 48 | 6 28 |
| M23 | 12 35 | 20 47 | 2 0 | 14 2 | 0 2 | 23 8 | 1 23 | 23 33 | 0 59 | 22 50 | 0 13 | 21 58 | 1 25 | 0 27 | 0 44 | 5 34 | 0 58 | 21 31 | 1 3 | 22 58 | 22 51 | 22 27 | 16 48 | 6 27 |
| T 24 | 12 55 | 22 36 | 0 46 | 14 52 | 0n 8 | 23 22 | 1 26 | 23 38 | 1 0 | 22 49 | 0 13 | 21 58 | 1 25 | 0 26 | 0 44 | 5 35 | 0 58 | 21 31 | 1 3 | 22 58 | 22 52 | 22 27 | 16 48 | 6 27 |
| W25 | 13 15 | 22 54 | 0s30 | 15 42 | 0 19 | 23 35 | 1 28 | 23 42 | 1 0 | 22 48 | 0 13 | 21 58 | 1 25 | 0 25 | 0 44 | 5 35 | 0 58 | 21 31 | 1 3 | 22 58 | 22 52 | 22 28 | 16 49 | 6 26 |
| T 26 | 13 34 | 21 43 | 1 44 | 16 31 | 0 30 | 23 47 | 1 31 | 23 46 | 1 0 | 22 48 | 0 13 | 21 58 | 1 25 | 0 24 | 0 44 | 5 35 | 0 58 | 21 31 | 1 3 | 22 58 | 22 52 | 22 29 | 16 49 | 6 26 |
| F 27 | 13 53 | 19 14 | 2 50 | 17 17 | 0 41 | 23 58 | 1 34 | 23 50 | 1 1 | 22 47 | 0 13 | 21 58 | 1 25 | 0 23 | 0 44 | 5 36 | 0 58 | 21 31 | 1 3 | 22 58 | 22 52 | 22 30 | 16 49 | 6 26 |
| S 28 | 14 12 | 15 41 | 3 45 | 18 3 | 0 52 | 24 9 | 1 37 | 23 54 | 1 1 | 22 46 | 0 13 | 21 58 | 1 25 | 0 21 | 0 44 | 5 36 | 0 58 | 21 31 | 1 3 | 22 58 | 22 53 | 22 31 | 16 49 | 6 25 |
| S 29 | 14 31 | 11 23 | 4 27 | 18 46 | 1 2 | 24 19 | 1 39 | 23 58 | 1 1 | 22 45 | 0 13 | 21 58 | 1 25 | 0 20 | 0 44 | 5 37 | 0 58 | 21 31 | 1 3 | 22 59 | 22 53 | 22 31 | 16 50 | 6 25 |
| M30 | 14n49 | 6s35 | 4s53 | 19n28 | 1n13 | 24n29 | 1n42 | 24n 1 | 1n 1 | 22n44 | 0n13 | 21s58 | 1n25 | 0s19 | 0s44 | 5n37 | 0n58 | 21n31 | 1n 3 | 22n59 | 22n53 | 22n32 | 16n50 | 6s24 |

Julian Day Number = 2608324.5, Delta T = 10m04s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'30, Lahiri = 29°51'31


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## MAY 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 37 21 | 11♉ 6'41 | 7♈47 | 24♉15 | 18♊38 | 20♊34 | 15♋22 | 29°R28 | 0♈56 | 18°R 0 | 28♋ 8 | 10°R 9 | 11♋25 | 2♋19 | 6♋25 | T 1 |
| W 2 | 14 41 17 | 12° 5'10 | 20°40 | 26°10 | 19°48 | 21°14 | 15°31 | 29♐26 | 0°59 | 17♍59 | 28° 9 | 9♋59 | 11°22 | 2°26 | 6°29 | W 2 |
| T 3 | 14 45 14 | 13° 3'37 | 3♉20 | 28° 3 | 20°58 | 21°53 | 15°41 | 29°24 | 1° 1 | 17°58 | 28° 9 | 9°49 | 11°19 | 2°33 | 6°33 | T 3 |
| F 4 | 14 49 10 | 14° 2'02 | 15°48 | 29°53 | 22° 8 | 22°33 | 15°50 | 29°22 | 1° 4 | 17°57 | 28°10 | 9°39 | 11°16 | 2°39 | 6°37 | F 4 |
| S 5 | 14 53 7 | 15° 0'25 | 28° 3 | 1♊40 | 23°19 | 23°12 | 15°59 | 29°19 | 1° 7 | 17°57 | 28°11 | 9°31 | 11°13 | 2°46 | 6°42 | S 5 |
| S 6 | 14 57 4 | 15°58'46 | 10♊ 8 | 3°23 | 24°28 | 23°52 | 16° 9 | 29°16 | 1°10 | 17°56 | 28°11 | 9°24 | 11°10 | 2°53 | 6°46 | S 6 |
| M 7 | 15 1 0 | 16°57'06 | 22° 4 | 5° 3 | 25°38 | 24°32 | 16°19 | 29°14 | 1°12 | 17°55 | 28°12 | 9°20 | 11° 6 | 2°59 | 6°50 | M 7 |
| T 8 | 15 4 57 | 17°55'24 | 3♋53 | 6°39 | 26°48 | 25°11 | 16°28 | 29°11 | 1°15 | 17°55 | 28°12 | 9°D19 | 11° 3 | 3° 6 | 6°55 | T 8 |
| W 9 | 15 8 53 | 18°53'40 | 15°40 | 8°11 | 27°58 | 25°51 | 16°38 | 29° 8 | 1°17 | 17°54 | 28°13 | 9°19 | 11° 0 | 3°13 | 6°59 | W 9 |
| T 10 | 15 12 50 | 19°51'53 | 27°28 | 9°39 | 29° 7 | 26°30 | 16°48 | 29° 6 | 1°20 | 17°53 | 28°14 | 9°20 | 10°57 | 3°19 | 7° 4 | T 10 |
| F 11 | 15 16 46 | 20°50'05 | 9♌23 | 11° 3 | 0♋16 | 27° 9 | 16°58 | 29° 3 | 1°22 | 17°53 | 28°15 | 9°21 | 10°54 | 3°26 | 7° 8 | F 11 |
| S 12 | 15 20 43 | 21°48'15 | 21°29 | 12°23 | 1°26 | 27°49 | 17° 8 | 29° 0 | 1°25 | 17°52 | 28°15 | 9°R21 | 10°50 | 3°33 | 7°13 | S 12 |
| S 13 | 15 24 39 | 22°46'23 | 3♍52 | 13°38 | 2°35 | 28°28 | 17°19 | 28°56 | 1°27 | 17°52 | 28°16 | 9°21 | 10°47 | 3°39 | 7°17 | S 13 |
| M14 | 15 28 36 | 23°44'29 | 16°36 | 14°50 | 3°44 | 29° 8 | 17°29 | 28°53 | 1°30 | 17°51 | 28°17 | 9°18 | 10°44 | 3°46 | 7°22 | M14 |
| T 15 | 15 32 33 | 24°42'33 | 29°46 | 15°56 | 4°53 | 29°47 | 17°40 | 28°50 | 1°32 | 17°51 | 28°18 | 9°14 | 10°41 | 3°53 | 7°27 | T 15 |
| W16 | 15 36 29 | 25°40'35 | 13♎23 | 16°59 | 6° 1 | 0♋26 | 17°50 | 28°47 | 1°34 | 17°50 | 28°19 | 9° 8 | 10°38 | 3°59 | 7°32 | W16 |
| T 17 | 15 40 26 | 26°38'35 | 27°27 | 17°57 | 7°10 | 1° 5 | 18° 1 | 28°43 | 1°37 | 17°50 | 28°19 | 9° 2 | 10°35 | 4° 6 | 7°36 | T 17 |
| F 18 | 15 44 22 | 27°36'34 | 11♏55 | 18°50 | 8°18 | 1°45 | 18°11 | 28°40 | 1°39 | 17°50 | 28°20 | 8°55 | 10°31 | 4°12 | 7°41 | F 18 |
| S 19 | 15 48 19 | 28°34'31 | 26°42 | 19°39 | 9°27 | 2°24 | 18°22 | 28°37 | 1°41 | 17°49 | 28°21 | 8°50 | 10°28 | 4°19 | 7°46 | S 19 |
| S 20 | 15 52 15 | 29°32'26 | 11♐39 | 20°23 | 10°35 | 3° 3 | 18°33 | 28°33 | 1°43 | 17°49 | 28°22 | 8°46 | 10°25 | 4°26 | 7°51 | S 20 |
| M21 | 15 56 12 | 0♊30'21 | 26°38 | 21° 2 | 11°43 | 3°42 | 18°44 | 28°29 | 1°46 | 17°49 | 28°23 | 8°44 | 10°22 | 4°32 | 7°56 | M21 |
| T 22 | 16 0 8 | 1°28'13 | 11♑31 | 21°36 | 12°51 | 4°21 | 18°55 | 28°26 | 1°48 | 17°49 | 28°24 | 8°D43 | 10°19 | 4°39 | 8° 1 | T 22 |
| W23 | 16 4 5 | 2°26'05 | 26°12 | 22° 6 | 13°59 | 5° 1 | 19° 6 | 28°22 | 1°50 | 17°48 | 28°25 | 8°44 | 10°16 | 4°46 | 8° 6 | W23 |
| T 24 | 16 8 2 | 3°23'55 | 10♒34 | 22°30 | 15° 6 | 5°40 | 19°17 | 28°18 | 1°52 | 17°48 | 28°26 | 8°45 | 10°12 | 4°52 | 8°12 | T 24 |
| F 25 | 16 11 58 | 4°21'45 | 24°38 | 22°50 | 16°14 | 6°19 | 19°29 | 28°15 | 1°54 | 17°48 | 28°27 | 8°46 | 10° 9 | 4°59 | 8°17 | F 25 |
| S 26 | 16 15 55 | 5°19'33 | 8♓20 | 23° 5 | 17°21 | 6°58 | 19°40 | 28°11 | 1°56 | 17°48 | 28°28 | 8°R47 | 10° 6 | 5° 6 | 8°22 | S 26 |
| S 27 | 16 19 51 | 6°17'19 | 21°44 | 23°15 | 18°28 | 7°37 | 19°51 | 28° 7 | 1°58 | 17°48 | 28°29 | 8°46 | 10° 3 | 5°12 | 8°27 | S 27 |
| M28 | 16 23 48 | 7°15'05 | 4♈49 | 23°20 | 19°35 | 8°16 | 20° 3 | 28° 3 | 2° 0 | 17°48 | 28°30 | 8°43 | 10° 0 | 5°19 | 8°32 | M28 |
| T 29 | 16 27 44 | 8°12'50 | 17°38 | 23°R20 | 20°42 | 8°55 | 20°14 | 27°59 | 2° 1 | 17°D48 | 28°31 | 8°40 | 9°56 | 5°26 | 8°38 | T 29 |
| W30 | 16 31 41 | 9°10'34 | 0♉14 | 23°16 | 21°48 | 9°34 | 20°26 | 27°55 | 2° 3 | 17°48 | 28°32 | 8°35 | 9°53 | 5°32 | 8°43 | W30 |
| T 31 | 16 35 37 | 10♊ 8'16 | 12♉36 | 23♊ 7 | 22♋55 | 10♋13 | 20♋38 | 27♐51 | 2♈ 5 | 17♍48 | 28♋33 | 8♋30 | 9♋50 | 5♋39 | 8♋49 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 8 | 1s35 | 5s 4 | 20n 7 | 1n22 | 24n38 | 1n44 | 24n 4 | 1n 2 | 22n43 | 0n13 | 21s58 | 1n25 | 0s18 | 0s44 | 5n37 | 0n58 | 21n31 | 1n 3 | 23n 0 | 22n54 | 22n33 | 16n50 | 6s24 |
| W 2 | 15 26 | 3n25 | 4 59 | 20 44 | 1 32 | 24 46 | 1 47 | 24 7 | 1 2 | 22 42 | 0 13 | 21 58 | 1 25 | 0 17 | 0 44 | 5 37 | 0 58 | 21 31 | 1 3 | 23 0 | 22 54 | 22 34 | 16 50 | 6 24 |
| T 3 | 15 43 | 8 13 | 4 40 | 21 19 | 1 41 | 24 54 | 1 49 | 24 10 | 1 2 | 22 41 | 0 13 | 21 58 | 1 25 | 0 16 | 0 44 | 5 38 | 0 58 | 21 31 | 1 3 | 23 1 | 22 54 | 22 34 | 16 50 | 6 23 |
| F 4 | 16 1 | 12 35 | 4 7 | 21 52 | 1 49 | 25 1 | 1 52 | 24 13 | 1 3 | 22 40 | 0 13 | 21 58 | 1 25 | 0 15 | 0 44 | 5 38 | 0 58 | 21 30 | 1 3 | 23 2 | 22 54 | 22 35 | 16 51 | 6 23 |
| S 5 | 16 18 | 16 23 | 3 23 | 22 22 | 1 57 | 25 7 | 1 54 | 24 15 | 1 3 | 22 39 | 0 13 | 21 58 | 1 25 | 0 14 | 0 44 | 5 38 | 0 58 | 21 30 | 1 3 | 23 3 | 22 55 | 22 36 | 16 51 | 6 23 |
| S 6 | 16 35 | 19 26 | 2 30 | 22 49 | 2 4 | 25 12 | 1 56 | 24 17 | 1 3 | 22 38 | 0 13 | 21 57 | 1 25 | 0 13 | 0 44 | 5 39 | 0 58 | 21 30 | 1 3 | 23 3 | 22 55 | 22 37 | 16 51 | 6 22 |
| M 7 | 16 52 | 21 37 | 1 32 | 23 14 | 2 11 | 25 17 | 1 59 | 24 19 | 1 3 | 22 37 | 0 14 | 21 57 | 1 25 | 0 12 | 0 44 | 5 39 | 0 58 | 21 30 | 1 3 | 23 3 | 22 55 | 22 37 | 16 51 | 6 22 |
| T 8 | 17 8 | 22 50 | 0 29 | 23 36 | 2 16 | 25 22 | 2 1 | 24 21 | 1 4 | 22 36 | 0 14 | 21 57 | 1 25 | 0 11 | 0 44 | 5 39 | 0 58 | 21 30 | 1 3 | 23 3 | 22 55 | 22 38 | 16 51 | 6 22 |
| W 9 | 17 24 | 23 2 | 0n34 | 23 56 | 2 21 | 25 25 | 2 3 | 24 23 | 1 4 | 22 35 | 0 14 | 21 57 | 1 25 | 0 10 | 0 44 | 5 39 | 0 58 | 21 30 | 1 3 | 23 3 | 22 56 | 22 39 | 16 51 | 6 21 |
| T 10 | 17 40 | 22 12 | 1 37 | 24 14 | 2 25 | 25 28 | 2 5 | 24 24 | 1 4 | 22 33 | 0 14 | 21 57 | 1 25 | 0 9 | 0 44 | 5 40 | 0 58 | 21 30 | 1 3 | 23 3 | 22 56 | 22 39 | 16 51 | 6 21 |
| F 11 | 17 55 | 20 22 | 2 35 | 24 29 | 2 28 | 25 30 | 2 7 | 24 25 | 1 4 | 22 32 | 0 14 | 21 57 | 1 26 | 0 8 | 0 44 | 5 40 | 0 58 | 21 30 | 1 3 | 23 3 | 22 56 | 22 40 | 16 51 | 6 21 |
| S 12 | 18 10 | 17 35 | 3 28 | 24 42 | 2 30 | 25 31 | 2 9 | 24 26 | 1 4 | 22 31 | 0 14 | 21 57 | 1 26 | 0 7 | 0 44 | 5 40 | 0 58 | 21 30 | 1 3 | 23 3 | 22 56 | 22 41 | 16 51 | 6 20 |
| S 13 | 18 25 | 13 59 | 4 12 | 24 53 | 2 31 | 25 32 | 2 11 | 24 27 | 1 5 | 22 30 | 0 14 | 21 57 | 1 26 | 0 6 | 0 44 | 5 40 | 0 58 | 21 30 | 1 3 | 23 3 | 22 57 | 22 42 | 16 52 | 6 20 |
| M14 | 18 40 | 9 40 | 4 46 | 25 2 | 2 32 | 25 32 | 2 12 | 24 28 | 1 5 | 22 29 | 0 14 | 21 57 | 1 26 | 0 5 | 0 44 | 5 40 | 0 57 | 21 29 | 1 3 | 23 3 | 22 57 | 22 42 | 16 52 | 6 20 |
| T 15 | 18 54 | 4 46 | 5 5 | 25 9 | 2 31 | 25 32 | 2 14 | 24 28 | 1 5 | 22 27 | 0 14 | 21 57 | 1 26 | 0 4 | 0 44 | 5 40 | 0 57 | 21 29 | 1 3 | 23 4 | 22 57 | 22 43 | 16 52 | 6 19 |
| W16 | 19 8 | 0s32 | 5 9 | 25 13 | 2 29 | 25 30 | 2 16 | 24 28 | 1 5 | 22 26 | 0 14 | 21 57 | 1 26 | 0 3 | 0 44 | 5 41 | 0 57 | 21 29 | 1 3 | 23 4 | 22 58 | 22 44 | 16 52 | 6 19 |
| T 17 | 19 22 | 5 58 | 4 54 | 25 16 | 2 26 | 25 28 | 2 17 | 24 28 | 1 5 | 22 25 | 0 14 | 21 57 | 1 26 | 0 2 | 0 44 | 5 41 | 0 57 | 21 29 | 1 3 | 23 5 | 22 58 | 22 44 | 16 52 | 6 19 |
| F 18 | 19 35 | 11 15 | 4 20 | 25 17 | 2 23 | 25 26 | 2 19 | 24 28 | 1 6 | 22 23 | 0 14 | 21 57 | 1 26 | 0 1 | 0 44 | 5 41 | 0 57 | 21 29 | 1 3 | 23 5 | 22 58 | 22 45 | 16 52 | 6 19 |
| S 19 | 19 48 | 15 59 | 3 28 | 25 16 | 2 18 | 25 22 | 2 20 | 24 27 | 1 6 | 22 22 | 0 14 | 21 57 | 1 26 | 0 0 | 0 44 | 5 41 | 0 57 | 21 29 | 1 4 | 23 5 | 22 58 | 22 46 | 16 52 | 6 18 |
| S 20 | 20 0 | 19 47 | 2 22 | 25 14 | 2 12 | 25 18 | 2 21 | 24 27 | 1 6 | 22 20 | 0 14 | 21 57 | 1 26 | 0n 0 | 0 44 | 5 41 | 0 57 | 21 29 | 1 4 | 23 6 | 22 59 | 22 46 | 16 52 | 6 18 |
| M21 | 20 13 | 22 15 | 1 5 | 25 10 | 2 5 | 25 14 | 2 22 | 24 26 | 1 6 | 22 19 | 0 15 | 21 57 | 1 26 | 0 1 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 22 59 | 22 47 | 16 52 | 6 18 |
| T 22 | 20 24 | 23 8 | 0s15 | 25 4 | 1 57 | 25 9 | 2 23 | 24 25 | 1 6 | 22 18 | 0 15 | 21 57 | 1 26 | 0 2 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 22 59 | 22 48 | 16 52 | 6 17 |
| W23 | 20 36 | 22 24 | 1 34 | 24 57 | 1 49 | 25 3 | 2 24 | 24 24 | 1 7 | 22 16 | 0 15 | 21 57 | 1 26 | 0 3 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 22 59 | 22 48 | 16 52 | 6 17 |
| T 24 | 20 47 | 20 12 | 2 45 | 24 49 | 1 39 | 24 56 | 2 25 | 24 22 | 1 7 | 22 15 | 0 15 | 21 57 | 1 26 | 0 4 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 22 59 | 22 49 | 16 52 | 6 17 |
| F 25 | 20 58 | 16 49 | 3 45 | 24 39 | 1 28 | 24 49 | 2 26 | 24 21 | 1 7 | 22 13 | 0 15 | 21 57 | 1 26 | 0 4 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 23 0 | 22 49 | 16 51 | 6 17 |
| S 26 | 21 8 | 12 36 | 4 30 | 24 28 | 1 16 | 24 41 | 2 27 | 24 19 | 1 7 | 22 11 | 0 15 | 21 57 | 1 26 | 0 5 | 0 44 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 23 0 | 22 50 | 16 51 | 6 17 |
| S 27 | 21 18 | 7 51 | 4 59 | 24 16 | 1 3 | 24 33 | 2 27 | 24 17 | 1 7 | 22 10 | 0 15 | 21 57 | 1 26 | 0 6 | 0 45 | 5 41 | 0 57 | 21 28 | 1 4 | 23 6 | 23 0 | 22 51 | 16 51 | 6 16 |
| M28 | 21 28 | 2 52 | 5 12 | 24 2 | 0 49 | 24 24 | 2 28 | 24 15 | 1 7 | 22 8 | 0 15 | 21 57 | 1 26 | 0 7 | 0 45 | 5 41 | 0 57 | 21 27 | 1 4 | 23 6 | 23 0 | 22 51 | 16 51 | 6 16 |
| T 29 | 21 37 | 2n 9 | 5 9 | 23 48 | 0 35 | 24 14 | 2 28 | 24 12 | 1 7 | 22 7 | 0 15 | 21 56 | 1 26 | 0 7 | 0 45 | 5 41 | 0 57 | 21 27 | 1 4 | 23 6 | 23 1 | 22 52 | 16 51 | 6 16 |
| W30 | 21 46 | 6 59 | 4 51 | 23 32 | 0 20 | 24 4 | 2 28 | 24 10 | 1 8 | 22 5 | 0 15 | 21 56 | 1 26 | 0 8 | 0 45 | 5 41 | 0 57 | 21 27 | 1 4 | 23 6 | 23 1 | 22 53 | 16 51 | 6 16 |
| T 31 | 21n55 | 11n28 | 4s19 | 23n16 | 0n 4 | 23n53 | 2n28 | 24n 7 | 1n 8 | 22n 3 | 0n15 | 21s56 | 1n26 | 0n 9 | 0s45 | 5n41 | 0n57 | 21n27 | 1n 4 | 23n 7 | 23n 1 | 22n53 | 16n51 | 6s15 |

Julian Day Number = 2608354.5, Delta T = 10m05s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'34, Lahiri = 29°51'36


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## JUNE 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 39 34 | 11♊ 5'58 | 24♉49 | 22°R54 | 24♋ 1 | 10♋52 | 20♋50 | 27°R46 | 2♈ 7 | 17♍48 | 28♋35 | 8°R26 | 9♋47 | 5♋45 | 8♋54 | F 1 |
| S 2 | 16 43 31 | 12° 3'38 | 6♊52 | 22♊37 | 25° 7 | 11°31 | 21° 1 | 27♐42 | 2° 8 | 17°48 | 28°36 | 8♋22 | 9°44 | 5°52 | 8°59 | S 2 |
| S 3 | 16 47 27 | 13° 1'17 | 18°47 | 22°17 | 26°13 | 12°10 | 21°13 | 27°38 | 2°10 | 17°48 | 28°37 | 8°19 | 9°41 | 5°59 | 9° 5 | S 3 |
| M 4 | 16 51 24 | 13°58'55 | 0♋38 | 21°53 | 27°19 | 12°48 | 21°25 | 27°34 | 2°11 | 17°48 | 28°38 | 8°18 | 9°37 | 6° 5 | 9°10 | M 4 |
| T 5 | 16 55 20 | 14°56'32 | 12°25 | 21°26 | 28°24 | 13°27 | 21°37 | 27°30 | 2°13 | 17°49 | 28°39 | 8°D18 | 9°34 | 6°12 | 9°16 | T 5 |
| W 6 | 16 59 17 | 15°54'08 | 24°11 | 20°57 | 29°29 | 14° 6 | 21°49 | 27°25 | 2°15 | 17°49 | 28°41 | 8°18 | 9°31 | 6°19 | 9°22 | W 6 |
| T 7 | 17 3 13 | 16°51'42 | 6♌ 1 | 20°26 | 0♌34 | 14°45 | 22° 1 | 27°21 | 2°16 | 17°49 | 28°42 | 8°20 | 9°28 | 6°25 | 9°27 | T 7 |
| F 8 | 17 7 10 | 17°49'15 | 17°57 | 19°53 | 1°39 | 15°24 | 22°14 | 27°17 | 2°17 | 17°50 | 28°43 | 8°21 | 9°25 | 6°32 | 9°33 | F 8 |
| S 9 | 17 11 6 | 18°46'47 | 0♍ 4 | 19°20 | 2°44 | 16° 3 | 22°26 | 27°12 | 2°19 | 17°50 | 28°44 | 8°23 | 9°22 | 6°39 | 9°38 | S 9 |
| S 10 | 17 15 3 | 19°44'17 | 12°26 | 18°46 | 3°48 | 16°41 | 22°38 | 27° 8 | 2°20 | 17°50 | 28°46 | 8°24 | 9°18 | 6°45 | 9°44 | S 10 |
| M11 | 17 19 0 | 20°41'46 | 25° 8 | 18°13 | 4°52 | 17°20 | 22°51 | 27° 4 | 2°21 | 17°51 | 28°47 | 8°R24 | 9°15 | 6°52 | 9°50 | M11 |
| T 12 | 17 22 56 | 21°39'14 | 8♎13 | 17°41 | 5°56 | 17°59 | 23° 3 | 26°59 | 2°23 | 17°51 | 28°48 | 8°23 | 9°12 | 6°59 | 9°56 | T 12 |
| W13 | 17 26 53 | 22°36'41 | 21°45 | 17°10 | 7° 0 | 18°38 | 23°15 | 26°55 | 2°24 | 17°52 | 28°49 | 8°22 | 9° 9 | 7° 5 | 10° 1 | W13 |
| T 14 | 17 30 49 | 23°34'06 | 5♏44 | 16°41 | 8° 3 | 19°16 | 23°28 | 26°50 | 2°25 | 17°52 | 28°51 | 8°20 | 9° 6 | 7°12 | 10° 7 | T 14 |
| F 15 | 17 34 46 | 24°31'31 | 20° 9 | 16°14 | 9° 6 | 19°55 | 23°40 | 26°46 | 2°26 | 17°53 | 28°52 | 8°18 | 9° 2 | 7°19 | 10°13 | F 15 |
| S 16 | 17 38 42 | 25°28'54 | 4♐57 | 15°51 | 10° 9 | 20°34 | 23°53 | 26°41 | 2°27 | 17°53 | 28°54 | 8°17 | 8°59 | 7°25 | 10°19 | S 16 |
| S 17 | 17 42 39 | 26°26'17 | 20° 1 | 15°31 | 11°12 | 21°12 | 24° 6 | 26°37 | 2°28 | 17°54 | 28°55 | 8°16 | 8°56 | 7°32 | 10°24 | S 17 |
| M18 | 17 46 35 | 27°23'39 | 5♑11 | 15°14 | 12°14 | 21°51 | 24°18 | 26°33 | 2°29 | 17°54 | 28°56 | 8°D15 | 8°53 | 7°38 | 10°30 | M18 |
| T 19 | 17 50 32 | 28°21'00 | 20°20 | 15° 1 | 13°16 | 22°30 | 24°31 | 26°28 | 2°30 | 17°55 | 28°58 | 8°16 | 8°50 | 7°45 | 10°36 | T 19 |
| W20 | 17 54 29 | 29°18'20 | 5♒18 | 14°52 | 14°18 | 23° 8 | 24°44 | 26°24 | 2°31 | 17°56 | 28°59 | 8°16 | 8°47 | 7°52 | 10°42 | W20 |
| T 21 | 17 58 25 | 0♋15'40 | 19°57 | 14°D48 | 15°19 | 23°47 | 24°57 | 26°19 | 2°31 | 17°57 | 29° 1 | 8°17 | 8°43 | 7°58 | 10°48 | T 21 |
| F 22 | 18 2 22 | 1°13'00 | 4♓14 | 14°48 | 16°20 | 24°25 | 25° 9 | 26°15 | 2°32 | 17°57 | 29° 2 | 8°17 | 8°40 | 8° 5 | 10°54 | F 22 |
| S 23 | 18 6 18 | 2°10'19 | 18° 5 | 14°53 | 17°21 | 25° 4 | 25°22 | 26°11 | 2°33 | 17°58 | 29° 3 | 8°18 | 8°37 | 8°12 | 11° 0 | S 23 |
| S 24 | 18 10 15 | 3° 7'37 | 1♈32 | 15° 2 | 18°21 | 25°42 | 25°35 | 26° 6 | 2°34 | 17°59 | 29° 5 | 8°R18 | 8°34 | 8°18 | 11° 6 | S 24 |
| M25 | 18 14 11 | 4° 4'56 | 14°35 | 15°16 | 19°21 | 26°21 | 25°48 | 26° 2 | 2°34 | 18° 0 | 29° 6 | 8°18 | 8°31 | 8°25 | 11°11 | M25 |
| T 26 | 18 18 8 | 5° 2'14 | 27°17 | 15°34 | 20°21 | 26°59 | 26° 1 | 25°57 | 2°35 | 18° 1 | 29° 8 | 8°18 | 8°28 | 8°32 | 11°17 | T 26 |
| W27 | 18 22 5 | 5°59'32 | 9♉43 | 15°58 | 21°20 | 27°38 | 26°14 | 25°53 | 2°35 | 18° 2 | 29° 9 | 8°17 | 8°24 | 8°38 | 11°23 | W27 |
| T 28 | 18 26 1 | 6°56'50 | 21°55 | 16°25 | 22°19 | 28°16 | 26°27 | 25°49 | 2°36 | 18° 3 | 29°11 | 8°17 | 8°21 | 8°45 | 11°29 | T 28 |
| F 29 | 18 29 58 | 7°54'07 | 3♊56 | 16°57 | 23°18 | 28°55 | 26°40 | 25°44 | 2°36 | 18° 4 | 29°12 | 8°D17 | 8°18 | 8°52 | 11°35 | F 29 |
| S 30 | 18 33 54 | 8♋51'25 | 15♊50 | 17♊34 | 24♌16 | 29♋33 | 26♋53 | 25♐40 | 2♈36 | 18♍ 5 | 29♋14 | 8♋17 | 8♋15 | 8♋58 | 11♋41 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 3 | 15n25 | 3s37 | 22n59 | 0s13 | 23n41 | 2n28 | 24n 4 | 1n 8 | 22n 2 | 0n15 | 21s56 | 1n26 | 0n 9 | 0s45 | 5n41 | 0n57 | 21n27 | 1n 4 | 23n 7 | 23n 1 | 22n54 | 16n51 | 6s15 |
| S 2 | 22 11 | 18 42 | 2 44 | 22 41 | 0 30 | 23 29 | 2 28 | 24 1 | 1 8 | 22 0 | 0 15 | 21 56 | 1 25 | 0 10 | 0 45 | 5 41 | 0 57 | 21 26 | 1 4 | 23 7 | 23 2 | 22 54 | 16 50 | 6 15 |
| S 3 | 22 18 | 21 10 | 1 45 | 22 23 | 0 47 | 23 17 | 2 28 | 23 58 | 1 8 | 21 58 | 0 15 | 21 56 | 1 25 | 0 10 | 0 45 | 5 41 | 0 57 | 21 26 | 1 4 | 23 7 | 23 2 | 22 55 | 16 50 | 6 15 |
| M 4 | 22 25 | 22 41 | 0 42 | 22 4 | 1 5 | 23 4 | 2 28 | 23 54 | 1 8 | 21 56 | 0 15 | 21 56 | 1 25 | 0 11 | 0 45 | 5 41 | 0 57 | 21 26 | 1 4 | 23 7 | 23 2 | 22 56 | 16 50 | 6 15 |
| T 5 | 22 32 | 23 11 | 0n23 | 21 44 | 1 22 | 22 50 | 2 27 | 23 50 | 1 8 | 21 54 | 0 16 | 21 56 | 1 25 | 0 12 | 0 45 | 5 41 | 0 57 | 21 26 | 1 4 | 23 7 | 23 2 | 22 56 | 16 50 | 6 15 |
| W 6 | 22 38 | 22 39 | 1 27 | 21 25 | 1 40 | 22 36 | 2 27 | 23 46 | 1 8 | 21 53 | 0 16 | 21 56 | 1 25 | 0 12 | 0 45 | 5 41 | 0 57 | 21 26 | 1 4 | 23 7 | 23 3 | 22 57 | 16 50 | 6 14 |
| T 7 | 22 44 | 21 6 | 2 27 | 21 6 | 1 57 | 22 21 | 2 26 | 23 42 | 1 9 | 21 51 | 0 16 | 21 56 | 1 25 | 0 13 | 0 45 | 5 41 | 0 57 | 21 25 | 1 4 | 23 7 | 23 3 | 22 57 | 16 49 | 6 14 |
| F 8 | 22 50 | 18 37 | 3 22 | 20 47 | 2 14 | 22 6 | 2 25 | 23 38 | 1 9 | 21 49 | 0 16 | 21 56 | 1 25 | 0 13 | 0 45 | 5 41 | 0 57 | 21 25 | 1 4 | 23 7 | 23 3 | 22 58 | 16 49 | 6 14 |
| S 9 | 22 55 | 15 18 | 4 9 | 20 28 | 2 30 | 21 51 | 2 24 | 23 34 | 1 9 | 21 47 | 0 16 | 21 56 | 1 25 | 0 14 | 0 45 | 5 40 | 0 57 | 21 25 | 1 4 | 23 7 | 23 3 | 22 58 | 16 49 | 6 14 |
| S 10 | 22 59 | 11 16 | 4 45 | 20 10 | 2 45 | 21 34 | 2 23 | 23 29 | 1 9 | 21 45 | 0 16 | 21 56 | 1 25 | 0 14 | 0 45 | 5 40 | 0 57 | 21 25 | 1 4 | 23 7 | 23 3 | 22 59 | 16 49 | 6 14 |
| M11 | 23 3 | 6 39 | 5 8 | 19 52 | 3 0 | 21 18 | 2 22 | 23 24 | 1 9 | 21 43 | 0 16 | 21 56 | 1 25 | 0 15 | 0 45 | 5 40 | 0 57 | 21 25 | 1 5 | 23 7 | 23 4 | 22 59 | 16 48 | 6 14 |
| T 12 | 23 7 | 1 36 | 5 17 | 19 36 | 3 14 | 21 1 | 2 21 | 23 19 | 1 9 | 21 41 | 0 16 | 21 56 | 1 25 | 0 15 | 0 45 | 5 40 | 0 57 | 21 24 | 1 5 | 23 7 | 23 4 | 23 0 | 16 48 | 6 14 |
| W13 | 23 11 | 3s41 | 5 8 | 19 20 | 3 26 | 20 43 | 2 19 | 23 14 | 1 9 | 21 39 | 0 16 | 21 56 | 1 25 | 0 16 | 0 45 | 5 40 | 0 57 | 21 24 | 1 5 | 23 7 | 23 4 | 23 1 | 16 48 | 6 14 |
| T 14 | 23 14 | 8 58 | 4 41 | 19 6 | 3 38 | 20 25 | 2 18 | 23 9 | 1 9 | 21 37 | 0 16 | 21 56 | 1 25 | 0 16 | 0 45 | 5 39 | 0 57 | 21 24 | 1 5 | 23 7 | 23 4 | 23 1 | 16 47 | 6 14 |
| F 15 | 23 16 | 13 57 | 3 56 | 18 53 | 3 48 | 20 7 | 2 16 | 23 3 | 1 9 | 21 35 | 0 16 | 21 56 | 1 25 | 0 16 | 0 45 | 5 39 | 0 57 | 21 24 | 1 5 | 23 7 | 23 5 | 23 2 | 16 47 | 6 13 |
| S 16 | 23 18 | 18 13 | 2 54 | 18 42 | 3 57 | 19 48 | 2 14 | 22 57 | 1 9 | 21 33 | 0 16 | 21 56 | 1 25 | 0 17 | 0 45 | 5 39 | 0 57 | 21 23 | 1 5 | 23 7 | 23 5 | 23 2 | 16 47 | 6 13 |
| S 17 | 23 20 | 21 21 | 1 40 | 18 33 | 4 5 | 19 29 | 2 12 | 22 52 | 1 9 | 21 31 | 0 16 | 21 56 | 1 25 | 0 17 | 0 45 | 5 39 | 0 57 | 21 23 | 1 5 | 23 8 | 23 5 | 23 3 | 16 46 | 6 13 |
| M18 | 23 21 | 23 0 | 0 17 | 18 25 | 4 11 | 19 10 | 2 10 | 22 46 | 1 10 | 21 28 | 0 16 | 21 56 | 1 25 | 0 18 | 0 45 | 5 38 | 0 57 | 21 23 | 1 5 | 23 8 | 23 5 | 23 3 | 16 46 | 6 13 |
| T 19 | 23 22 | 22 57 | 1s 7 | 18 18 | 4 16 | 18 50 | 2 7 | 22 39 | 1 10 | 21 26 | 0 17 | 21 56 | 1 25 | 0 18 | 0 45 | 5 38 | 0 57 | 21 23 | 1 5 | 23 8 | 23 5 | 23 4 | 16 46 | 6 13 |
| W20 | 23 23 | 21 14 | 2 25 | 18 14 | 4 19 | 18 30 | 2 5 | 22 33 | 1 10 | 21 24 | 0 17 | 21 56 | 1 24 | 0 18 | 0 45 | 5 38 | 0 57 | 21 22 | 1 5 | 23 8 | 23 6 | 23 4 | 16 45 | 6 13 |
| T 21 | 23 23 | 18 8 | 3 32 | 18 11 | 4 22 | 18 9 | 2 2 | 22 26 | 1 10 | 21 22 | 0 17 | 21 56 | 1 24 | 0 18 | 0 45 | 5 37 | 0 57 | 21 22 | 1 5 | 23 7 | 23 6 | 23 5 | 16 45 | 6 13 |
| F 22 | 23 23 | 14 1 | 4 23 | 18 10 | 4 23 | 17 48 | 2 0 | 22 20 | 1 10 | 21 20 | 0 17 | 21 56 | 1 24 | 0 19 | 0 45 | 5 37 | 0 57 | 21 22 | 1 5 | 23 7 | 23 6 | 23 5 | 16 44 | 6 13 |
| S 23 | 23 22 | 9 16 | 4 58 | 18 11 | 4 23 | 17 27 | 1 57 | 22 13 | 1 10 | 21 17 | 0 17 | 21 55 | 1 24 | 0 19 | 0 45 | 5 37 | 0 57 | 21 22 | 1 5 | 23 7 | 23 6 | 23 6 | 16 44 | 6 13 |
| S 24 | 23 21 | 4 13 | 5 16 | 18 13 | 4 21 | 17 5 | 1 54 | 22 6 | 1 10 | 21 15 | 0 17 | 21 55 | 1 24 | 0 19 | 0 45 | 5 36 | 0 57 | 21 21 | 1 5 | 23 7 | 23 6 | 23 6 | 16 44 | 6 13 |
| M25 | 23 19 | 0n53 | 5 16 | 18 17 | 4 19 | 16 44 | 1 50 | 21 59 | 1 10 | 21 13 | 0 17 | 21 55 | 1 24 | 0 19 | 0 45 | 5 36 | 0 57 | 21 21 | 1 5 | 23 7 | 23 7 | 23 6 | 16 43 | 6 13 |
| T 26 | 23 17 | 5 48 | 5 1 | 18 22 | 4 15 | 16 22 | 1 47 | 21 51 | 1 10 | 21 10 | 0 17 | 21 55 | 1 24 | 0 20 | 0 46 | 5 36 | 0 57 | 21 21 | 1 5 | 23 7 | 23 7 | 23 7 | 16 43 | 6 13 |
| W27 | 23 15 | 10 24 | 4 31 | 18 29 | 4 11 | 15 59 | 1 43 | 21 44 | 1 10 | 21 8 | 0 17 | 21 55 | 1 24 | 0 20 | 0 46 | 5 35 | 0 57 | 21 21 | 1 5 | 23 7 | 23 7 | 23 7 | 16 42 | 6 13 |
| T 28 | 23 12 | 14 29 | 3 50 | 18 37 | 4 5 | 15 37 | 1 40 | 21 36 | 1 10 | 21 6 | 0 17 | 21 55 | 1 24 | 0 20 | 0 46 | 5 35 | 0 56 | 21 20 | 1 5 | 23 7 | 23 7 | 23 8 | 16 42 | 6 13 |
| F 29 | 23 9 | 17 57 | 3 0 | 18 47 | 3 59 | 15 14 | 1 36 | 21 28 | 1 10 | 21 3 | 0 17 | 21 55 | 1 24 | 0 20 | 0 46 | 5 35 | 0 56 | 21 20 | 1 5 | 23 7 | 23 7 | 23 8 | 16 41 | 6 13 |
| S 30 | 23n 5 | 20n37 | 2s 2 | 18n57 | 3s52 | 14n51 | 1n32 | 21n20 | 1n10 | 21n 1 | 0n17 | 21s55 | 1n24 | 0n20 | 0s46 | 5n34 | 0n56 | 21n20 | 1n 5 | 23n 7 | 23n 8 | 23n 9 | 16n41 | 6s13 |

Julian Day Number = 2608385.5, Delta T = 10m05s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'38, Lahiri = 29°51'40


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## JULY 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 51 | 9♋48'42 | 27♊39 | 18♊15 | 25♌13 | 0♌12 | 27♋ 6 | 25°R36 | 2♈37 | 18♍ 6 | 29♋15 | 8♋17 | 8♋12 | 9♋ 5 | 11♋47 | S 1 |
| M 2 | 18 41 47 | 10°45'58 | 9♋26 | 19° 1 | 26°11 | 0°50 | 27°19 | 25♐32 | 2°37 | 18° 7 | 29°17 | 8°R17 | 8° 8 | 9°11 | 11°53 | M 2 |
| T 3 | 18 45 44 | 11°43'15 | 21°13 | 19°50 | 27° 8 | 1°29 | 27°33 | 25°27 | 2°37 | 18° 8 | 29°18 | 8°17 | 8° 5 | 9°18 | 11°59 | T 3 |
| W 4 | 18 49 40 | 12°40'31 | 3♌ 3 | 20°44 | 28° 4 | 2° 7 | 27°46 | 25°23 | 2°37 | 18° 9 | 29°20 | 8°17 | 8° 2 | 9°25 | 12° 5 | W 4 |
| T 5 | 18 53 37 | 13°37'47 | 14°58 | 21°42 | 29° 0 | 2°45 | 27°59 | 25°19 | 2°38 | 18°10 | 29°22 | 8°16 | 7°59 | 9°31 | 12°11 | T 5 |
| F 6 | 18 57 34 | 14°35'02 | 27° 0 | 22°44 | 29°55 | 3°24 | 28°12 | 25°15 | 2°38 | 18°11 | 29°23 | 8°16 | 7°56 | 9°38 | 12°17 | F 6 |
| S 7 | 19 1 30 | 15°32'17 | 9♍12 | 23°50 | 0♍50 | 4° 2 | 28°26 | 25°11 | 2°R38 | 18°12 | 29°25 | 8°15 | 7°53 | 9°45 | 12°23 | S 7 |
| S 8 | 19 5 27 | 16°29'31 | 21°38 | 25° 0 | 1°44 | 4°41 | 28°39 | 25° 7 | 2°38 | 18°14 | 29°26 | 8°14 | 7°49 | 9°51 | 12°29 | S 8 |
| M 9 | 19 9 23 | 17°26'45 | 4♎21 | 26°15 | 2°38 | 5°19 | 28°52 | 25° 3 | 2°38 | 18°15 | 29°28 | 8°13 | 7°46 | 9°58 | 12°35 | M 9 |
| T 10 | 19 13 20 | 18°23'59 | 17°23 | 27°32 | 3°31 | 5°57 | 29° 5 | 24°59 | 2°37 | 18°16 | 29°29 | 8°D13 | 7°43 | 10° 5 | 12°41 | T 10 |
| W11 | 19 17 16 | 19°21'13 | 0♏48 | 28°54 | 4°24 | 6°36 | 29°19 | 24°55 | 2°37 | 18°17 | 29°31 | 8°13 | 7°40 | 10°11 | 12°47 | W11 |
| T 12 | 19 21 13 | 20°18'26 | 14°37 | 0♋20 | 5°16 | 7°14 | 29°32 | 24°52 | 2°37 | 18°19 | 29°33 | 8°14 | 7°37 | 10°18 | 12°53 | T 12 |
| F 13 | 19 25 9 | 21°15'38 | 28°51 | 1°49 | 6° 7 | 7°52 | 29°45 | 24°48 | 2°37 | 18°20 | 29°34 | 8°15 | 7°34 | 10°25 | 12°59 | F 13 |
| S 14 | 19 29 6 | 22°12'51 | 13♐28 | 3°22 | 6°58 | 8°31 | 29°59 | 24°44 | 2°37 | 18°22 | 29°36 | 8°16 | 7°30 | 10°31 | 13° 5 | S 14 |
| S 15 | 19 33 3 | 23°10'04 | 28°23 | 4°59 | 7°48 | 9° 9 | 0♌12 | 24°41 | 2°36 | 18°23 | 29°37 | 8°16 | 7°27 | 10°38 | 13°11 | S 15 |
| M16 | 19 36 59 | 24° 7'16 | 13♑30 | 6°39 | 8°37 | 9°47 | 0°26 | 24°37 | 2°36 | 18°24 | 29°39 | 8°R17 | 7°24 | 10°45 | 13°17 | M16 |
| T 17 | 19 40 56 | 25° 4'29 | 28°40 | 8°22 | 9°26 | 10°25 | 0°39 | 24°34 | 2°35 | 18°26 | 29°41 | 8°16 | 7°21 | 10°51 | 13°23 | T 17 |
| W18 | 19 44 52 | 26° 1'42 | 13♒44 | 10° 9 | 10°14 | 11° 4 | 0°52 | 24°30 | 2°35 | 18°27 | 29°42 | 8°14 | 7°18 | 10°58 | 13°29 | W18 |
| T 19 | 19 48 49 | 26°58'55 | 28°34 | 11°59 | 11° 0 | 11°42 | 1° 6 | 24°27 | 2°34 | 18°29 | 29°44 | 8°12 | 7°14 | 11° 4 | 13°34 | T 19 |
| F 20 | 19 52 45 | 27°56'08 | 13♓ 1 | 13°52 | 11°47 | 12°20 | 1°19 | 24°23 | 2°34 | 18°30 | 29°45 | 8°10 | 7°11 | 11°11 | 13°40 | F 20 |
| S 21 | 19 56 42 | 28°53'22 | 27° 2 | 15°47 | 12°32 | 12°58 | 1°33 | 24°20 | 2°33 | 18°32 | 29°47 | 8° 7 | 7° 8 | 11°18 | 13°46 | S 21 |
| S 22 | 20 0 38 | 29°50'36 | 10♈36 | 17°45 | 13°16 | 13°37 | 1°46 | 24°17 | 2°32 | 18°34 | 29°49 | 8° 5 | 7° 5 | 11°24 | 13°52 | S 22 |
| M23 | 20 4 35 | 0♌47'51 | 23°42 | 19°46 | 14° 0 | 14°15 | 1°59 | 24°14 | 2°32 | 18°35 | 29°50 | 8° 4 | 7° 2 | 11°31 | 13°58 | M23 |
| T 24 | 20 8 32 | 1°45'06 | 6♉25 | 21°48 | 14°42 | 14°53 | 2°13 | 24°11 | 2°31 | 18°37 | 29°52 | 8°D 4 | 6°59 | 11°38 | 14° 4 | T 24 |
| W25 | 20 12 28 | 2°42'22 | 18°48 | 23°52 | 15°24 | 15°31 | 2°26 | 24° 8 | 2°30 | 18°38 | 29°53 | 8° 5 | 6°55 | 11°44 | 14°10 | W25 |
| T 26 | 20 16 25 | 3°39'39 | 0♊55 | 25°57 | 16° 4 | 16° 9 | 2°40 | 24° 5 | 2°29 | 18°40 | 29°55 | 8° 6 | 6°52 | 11°51 | 14°15 | T 26 |
| F 27 | 20 20 21 | 4°36'57 | 12°51 | 28° 4 | 16°44 | 16°48 | 2°53 | 24° 2 | 2°28 | 18°42 | 29°57 | 8° 8 | 6°49 | 11°58 | 14°21 | F 27 |
| S 28 | 20 24 18 | 5°34'15 | 24°40 | 0♌11 | 17°22 | 17°26 | 3° 6 | 23°59 | 2°27 | 18°44 | 29°58 | 8°10 | 6°46 | 12° 4 | 14°27 | S 28 |
| S 29 | 20 28 14 | 6°31'34 | 6♋26 | 2°18 | 18° 0 | 18° 4 | 3°20 | 23°56 | 2°26 | 18°45 | 29°59 | 8°R10 | 6°43 | 12°11 | 14°33 | S 29 |
| M30 | 20 32 11 | 7°28'54 | 18°13 | 4°26 | 18°36 | 18°42 | 3°33 | 23°54 | 2°25 | 18°47 | 0♌ 1 | 8°10 | 6°40 | 12°18 | 14°38 | M30 |
| T 31 | 20 36 7 | 8♌26'14 | 0♌ 4 | 6♌34 | 19♍10 | 19♌20 | 3♌47 | 23♐51 | 2♈24 | 18♍49 | 0♌ 3 | 8♋ 8 | 6♋36 | 12♋24 | 14♋44 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 1 | 22n23 | 0s59 | 19n 9 | 3s44 | 14n28 | 1n28 | 21n12 | 1n10 | 20n58 | 0n17 | 21s55 | 1n23 | 0n20 | 0s46 | 5n34 | 0n56 | 21n20 | 1n 6 | 23n 7 | 23n 8 | 23n 9 | 16n40 | 6s13 |
| M 2 | 22 57 | 23 9 | 0n 6 | 19 21 | 3 36 | 14 4 | 1 23 | 21 4 | 1 10 | 20 56 | 0 17 | 21 55 | 1 23 | 0 20 | 0 46 | 5 33 | 0 56 | 21 19 | 1 6 | 23 7 | 23 8 | 23 10 | 16 40 | 6 13 |
| T 3 | 22 52 | 22 53 | 1 11 | 19 34 | 3 26 | 13 40 | 1 19 | 20 55 | 1 10 | 20 53 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 33 | 0 56 | 21 19 | 1 6 | 23 7 | 23 8 | 23 10 | 16 39 | 6 13 |
| W 4 | 22 47 | 21 36 | 2 13 | 19 47 | 3 17 | 13 17 | 1 14 | 20 47 | 1 10 | 20 51 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 32 | 0 56 | 21 19 | 1 6 | 23 7 | 23 8 | 23 10 | 16 38 | 6 13 |
| T 5 | 22 41 | 19 20 | 3 10 | 20 1 | 3 6 | 12 53 | 1 9 | 20 38 | 1 10 | 20 48 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 32 | 0 56 | 21 19 | 1 6 | 23 8 | 23 9 | 23 11 | 16 38 | 6 13 |
| F 6 | 22 35 | 16 13 | 3 59 | 20 16 | 2 56 | 12 29 | 1 4 | 20 29 | 1 10 | 20 46 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 32 | 0 56 | 21 18 | 1 6 | 23 8 | 23 9 | 23 11 | 16 37 | 6 13 |
| S 7 | 22 29 | 12 23 | 4 38 | 20 30 | 2 44 | 12 4 | 0 59 | 20 20 | 1 10 | 20 43 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 31 | 0 56 | 21 18 | 1 6 | 23 8 | 23 9 | 23 12 | 16 37 | 6 13 |
| S 8 | 22 22 | 7 58 | 5 4 | 20 45 | 2 33 | 11 40 | 0 54 | 20 11 | 1 10 | 20 41 | 0 18 | 21 55 | 1 23 | 0 20 | 0 46 | 5 31 | 0 56 | 21 18 | 1 6 | 23 8 | 23 9 | 23 12 | 16 36 | 6 13 |
| M 9 | 22 15 | 3 7 | 5 17 | 20 59 | 2 21 | 11 15 | 0 48 | 20 2 | 1 10 | 20 38 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 30 | 0 56 | 21 17 | 1 6 | 23 8 | 23 9 | 23 12 | 16 35 | 6 13 |
| T 10 | 22 7 | 1s59 | 5 13 | 21 13 | 2 8 | 10 51 | 0 42 | 19 52 | 1 10 | 20 35 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 29 | 0 56 | 21 17 | 1 6 | 23 8 | 23 10 | 23 13 | 16 35 | 6 14 |
| W11 | 21 59 | 7 9 | 4 53 | 21 27 | 1 56 | 10 26 | 0 36 | 19 43 | 1 10 | 20 33 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 29 | 0 56 | 21 17 | 1 6 | 23 8 | 23 10 | 23 13 | 16 34 | 6 14 |
| T 12 | 21 51 | 12 7 | 4 16 | 21 40 | 1 43 | 10 2 | 0 30 | 19 33 | 1 10 | 20 30 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 28 | 0 56 | 21 17 | 1 6 | 23 8 | 23 10 | 23 14 | 16 34 | 6 14 |
| F 13 | 21 42 | 16 35 | 3 22 | 21 52 | 1 30 | 9 37 | 0 24 | 19 23 | 1 10 | 20 27 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 28 | 0 56 | 21 16 | 1 6 | 23 8 | 23 10 | 23 14 | 16 33 | 6 14 |
| S 14 | 21 33 | 20 9 | 2 13 | 22 3 | 1 18 | 9 12 | 0 17 | 19 13 | 1 10 | 20 24 | 0 18 | 21 55 | 1 22 | 0 20 | 0 46 | 5 27 | 0 56 | 21 16 | 1 6 | 23 8 | 23 10 | 23 14 | 16 32 | 6 14 |
| S 15 | 21 24 | 22 28 | 0 55 | 22 13 | 1 5 | 8 47 | 0 11 | 19 3 | 1 10 | 20 22 | 0 19 | 21 55 | 1 22 | 0 20 | 0 46 | 5 27 | 0 56 | 21 16 | 1 6 | 23 8 | 23 10 | 23 15 | 16 32 | 6 14 |
| M16 | 21 14 | 23 11 | 0s29 | 22 21 | 0 52 | 8 23 | 0 4 | 18 53 | 1 10 | 20 19 | 0 19 | 21 55 | 1 21 | 0 19 | 0 46 | 5 26 | 0 56 | 21 15 | 1 6 | 23 8 | 23 11 | 23 15 | 16 31 | 6 14 |
| T 17 | 21 4 | 22 11 | 1 51 | 22 28 | 0 39 | 7 58 | 0s 3 | 18 43 | 1 10 | 20 16 | 0 19 | 21 55 | 1 21 | 0 19 | 0 46 | 5 26 | 0 56 | 21 15 | 1 6 | 23 8 | 23 11 | 23 15 | 16 30 | 6 14 |
| W18 | 20 54 | 19 36 | 3 4 | 22 33 | 0 27 | 7 33 | 0 10 | 18 32 | 1 10 | 20 13 | 0 19 | 21 55 | 1 21 | 0 19 | 0 46 | 5 25 | 0 56 | 21 15 | 1 7 | 23 8 | 23 11 | 23 16 | 16 29 | 6 15 |
| T 19 | 20 43 | 15 45 | 4 3 | 22 37 | 0 14 | 7 9 | 0 18 | 18 22 | 1 10 | 20 10 | 0 19 | 21 55 | 1 21 | 0 19 | 0 46 | 5 24 | 0 56 | 21 15 | 1 7 | 23 8 | 23 11 | 23 16 | 16 29 | 6 15 |
| F 20 | 20 32 | 11 3 | 4 46 | 22 38 | 0 2 | 6 44 | 0 25 | 18 11 | 1 10 | 20 8 | 0 19 | 21 55 | 1 21 | 0 18 | 0 46 | 5 24 | 0 56 | 21 14 | 1 7 | 23 8 | 23 11 | 23 16 | 16 28 | 6 15 |
| S 21 | 20 20 | 5 55 | 5 10 | 22 36 | 0n 9 | 6 20 | 0 33 | 18 0 | 1 10 | 20 5 | 0 19 | 21 55 | 1 21 | 0 18 | 0 46 | 5 23 | 0 56 | 21 14 | 1 7 | 23 8 | 23 11 | 23 17 | 16 27 | 6 15 |
| S 22 | 20 8 | 0 39 | 5 15 | 22 33 | 0 21 | 5 55 | 0 41 | 17 49 | 1 10 | 20 2 | 0 19 | 21 55 | 1 21 | 0 18 | 0 46 | 5 23 | 0 56 | 21 14 | 1 7 | 23 8 | 23 12 | 23 17 | 16 26 | 6 15 |
| M23 | 19 56 | 4n28 | 5 4 | 22 27 | 0 31 | 5 31 | 0 50 | 17 38 | 1 10 | 19 59 | 0 19 | 21 55 | 1 20 | 0 18 | 0 46 | 5 22 | 0 56 | 21 14 | 1 7 | 23 8 | 23 12 | 23 17 | 16 26 | 6 15 |
| T 24 | 19 43 | 9 15 | 4 38 | 22 18 | 0 41 | 5 7 | 0 58 | 17 27 | 1 10 | 19 56 | 0 19 | 21 55 | 1 20 | 0 17 | 0 47 | 5 21 | 0 56 | 21 13 | 1 7 | 23 8 | 23 12 | 23 18 | 16 25 | 6 16 |
| W25 | 19 31 | 13 32 | 3 59 | 22 7 | 0 51 | 4 43 | 1 7 | 17 15 | 1 10 | 19 53 | 0 19 | 21 55 | 1 20 | 0 17 | 0 47 | 5 21 | 0 56 | 21 13 | 1 7 | 23 8 | 23 12 | 23 18 | 16 24 | 6 16 |
| T 26 | 19 17 | 17 11 | 3 11 | 21 53 | 1 0 | 4 19 | 1 15 | 17 4 | 1 10 | 19 50 | 0 19 | 21 55 | 1 20 | 0 16 | 0 47 | 5 20 | 0 56 | 21 13 | 1 7 | 23 8 | 23 12 | 23 18 | 16 23 | 6 16 |
| F 27 | 19 4 | 20 3 | 2 15 | 21 37 | 1 8 | 3 56 | 1 24 | 16 52 | 1 10 | 19 47 | 0 20 | 21 55 | 1 20 | 0 16 | 0 47 | 5 19 | 0 56 | 21 12 | 1 7 | 23 8 | 23 12 | 23 18 | 16 23 | 6 16 |
| S 28 | 18 50 | 22 3 | 1 14 | 21 17 | 1 15 | 3 32 | 1 34 | 16 41 | 1 10 | 19 44 | 0 20 | 21 55 | 1 20 | 0 16 | 0 47 | 5 19 | 0 56 | 21 12 | 1 7 | 23 8 | 23 13 | 23 19 | 16 22 | 6 16 |
| S 29 | 18 36 | 23 4 | 0 10 | 20 56 | 1 22 | 3 9 | 1 43 | 16 29 | 1 10 | 19 41 | 0 20 | 21 55 | 1 19 | 0 15 | 0 47 | 5 18 | 0 56 | 21 12 | 1 7 | 23 8 | 23 13 | 23 19 | 16 21 | 6 17 |
| M30 | 18 21 | 23 3 | 0n55 | 20 31 | 1 28 | 2 46 | 1 53 | 16 17 | 1 9 | 19 38 | 0 20 | 21 55 | 1 19 | 0 15 | 0 47 | 5 17 | 0 56 | 21 12 | 1 7 | 23 8 | 23 13 | 23 19 | 16 20 | 6 17 |
| T 31 | 18n 7 | 22n 0 | 1n57 | 20n 5 | 1n33 | 2n24 | 2s 3 | 16n 5 | 1n 9 | 19n35 | 0n20 | 21s55 | 1n19 | 0n14 | 0s47 | 5n16 | 0n56 | 21n11 | 1n 7 | 23n 8 | 23n13 | 23n20 | 16n19 | 6s17 |

Julian Day Number = 2608415.5, Delta T = 10m05s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'43, Lahiri = 29°51'44


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## AUGUST 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 40 4 | 9♌23'35 | 12♌ 1 | 8♌41 | 19♍44 | 19♌58 | 4♌ 0 | 23°R49 | 2°R23 | 18♍51 | 0♌ 5 | 8°R 5 | 6♋33 | 12♋31 | 14♋50 | W 1 |
| T 2 | 20 44 1 | 10°20'56 | 24° 5 | 10°48 | 20°16 | 20°37 | 4°13 | 23♐47 | 2♈22 | 18°52 | 0° 6 | 8♋ 0 | 6°30 | 12°37 | 14°55 | T 2 |
| F 3 | 20 47 57 | 11°18'18 | 6♍19 | 12°53 | 20°47 | 21°15 | 4°27 | 23°44 | 2°21 | 18°54 | 0° 8 | 7°54 | 6°27 | 12°44 | 15° 1 | F 3 |
| S 4 | 20 51 54 | 12°15'41 | 18°43 | 14°58 | 21°16 | 21°53 | 4°40 | 23°42 | 2°19 | 18°56 | 0° 9 | 7°49 | 6°24 | 12°51 | 15° 7 | S 4 |
| S 5 | 20 55 50 | 13°13'04 | 1♎20 | 17° 2 | 21°44 | 22°31 | 4°53 | 23°40 | 2°18 | 18°58 | 0°11 | 7°43 | 6°20 | 12°57 | 15°12 | S 5 |
| M 6 | 20 59 47 | 14°10'27 | 14°11 | 19° 4 | 22°11 | 23° 9 | 5° 7 | 23°38 | 2°17 | 19° 0 | 0°13 | 7°39 | 6°17 | 13° 4 | 15°18 | M 6 |
| T 7 | 21 3 43 | 15° 7'52 | 27°17 | 21° 5 | 22°35 | 23°47 | 5°20 | 23°36 | 2°15 | 19° 2 | 0°14 | 7°36 | 6°14 | 13°11 | 15°23 | T 7 |
| W 8 | 21 7 40 | 16° 5'16 | 10♏40 | 23° 5 | 22°58 | 24°26 | 5°33 | 23°34 | 2°14 | 19° 4 | 0°16 | 7°D34 | 6°11 | 13°17 | 15°29 | W 8 |
| T 9 | 21 11 36 | 17° 2'42 | 24°22 | 25° 3 | 23°20 | 25° 4 | 5°47 | 23°32 | 2°13 | 19° 6 | 0°17 | 7°34 | 6° 8 | 13°24 | 15°34 | T 9 |
| F 10 | 21 15 33 | 18° 0'07 | 8♐23 | 27° 0 | 23°39 | 25°42 | 6° 0 | 23°31 | 2°11 | 19° 8 | 0°19 | 7°35 | 6° 5 | 13°31 | 15°39 | F 10 |
| S 11 | 21 19 30 | 18°57'34 | 22°43 | 28°55 | 23°57 | 26°20 | 6°13 | 23°29 | 2°10 | 19° 9 | 0°20 | 7°37 | 6° 1 | 13°37 | 15°45 | S 11 |
| S 12 | 21 23 26 | 19°55'01 | 7♑20 | 0♍49 | 24°12 | 26°58 | 6°26 | 23°28 | 2° 8 | 19°11 | 0°22 | 7°R37 | 5°58 | 13°44 | 15°50 | S 12 |
| M13 | 21 27 23 | 20°52'29 | 22°11 | 2°41 | 24°26 | 27°36 | 6°39 | 23°26 | 2° 6 | 19°13 | 0°23 | 7°37 | 5°55 | 13°51 | 15°55 | M13 |
| T 14 | 21 31 19 | 21°49'58 | 7♒ 8 | 4°31 | 24°38 | 28°14 | 6°53 | 23°25 | 2° 5 | 19°15 | 0°25 | 7°34 | 5°52 | 13°57 | 16° 1 | T 14 |
| W15 | 21 35 16 | 22°47'28 | 22° 3 | 6°20 | 24°47 | 28°53 | 7° 6 | 23°24 | 2° 3 | 19°18 | 0°26 | 7°29 | 5°49 | 14° 4 | 16° 6 | W15 |
| T 16 | 21 39 12 | 23°44'58 | 6♓49 | 8° 7 | 24°55 | 29°31 | 7°19 | 23°22 | 2° 1 | 19°20 | 0°28 | 7°23 | 5°46 | 14°11 | 16°11 | T 16 |
| F 17 | 21 43 9 | 24°42'30 | 21°17 | 9°53 | 25° 0 | 0♍ 9 | 7°32 | 23°21 | 2° 0 | 19°22 | 0°29 | 7°16 | 5°42 | 14°17 | 16°16 | F 17 |
| S 18 | 21 47 5 | 25°40'03 | 5♈22 | 11°37 | 25° 3 | 0°47 | 7°45 | 23°21 | 1°58 | 19°24 | 0°31 | 7° 8 | 5°39 | 14°24 | 16°21 | S 18 |
| S 19 | 21 51 2 | 26°37'37 | 18°59 | 13°20 | 25°R 4 | 1°25 | 7°58 | 23°20 | 1°56 | 19°26 | 0°32 | 7° 2 | 5°36 | 14°30 | 16°26 | S 19 |
| M20 | 21 54 59 | 27°35'12 | 2♉10 | 15° 1 | 25° 2 | 2° 3 | 8°11 | 23°19 | 1°54 | 19°28 | 0°34 | 6°57 | 5°33 | 14°37 | 16°31 | M20 |
| T 21 | 21 58 55 | 28°32'49 | 14°55 | 16°41 | 24°58 | 2°41 | 8°24 | 23°18 | 1°52 | 19°30 | 0°35 | 6°54 | 5°30 | 14°44 | 16°36 | T 21 |
| W22 | 22 2 52 | 29°30'28 | 27°19 | 18°19 | 24°52 | 3°19 | 8°37 | 23°18 | 1°51 | 19°32 | 0°37 | 6°D53 | 5°26 | 14°50 | 16°41 | W22 |
| T 23 | 22 6 48 | 0♍28'08 | 9♊26 | 19°55 | 24°43 | 3°58 | 8°50 | 23°17 | 1°49 | 19°34 | 0°38 | 6°53 | 5°23 | 14°57 | 16°46 | T 23 |
| F 24 | 22 10 45 | 1°25'50 | 21°21 | 21°31 | 24°32 | 4°36 | 9° 3 | 23°17 | 1°47 | 19°36 | 0°40 | 6°54 | 5°20 | 15° 4 | 16°51 | F 24 |
| S 25 | 22 14 41 | 2°23'33 | 3♋ 9 | 23° 4 | 24°19 | 5°14 | 9°16 | 23°17 | 1°45 | 19°38 | 0°41 | 6°R55 | 5°17 | 15°10 | 16°56 | S 25 |
| S 26 | 22 18 38 | 3°21'17 | 14°56 | 24°37 | 24° 3 | 5°52 | 9°28 | 23°16 | 1°43 | 19°41 | 0°42 | 6°55 | 5°14 | 15°17 | 17° 1 | S 26 |
| M27 | 22 22 34 | 4°19'04 | 26°46 | 26° 8 | 23°45 | 6°30 | 9°41 | 23°D16 | 1°41 | 19°43 | 0°44 | 6°53 | 5°11 | 15°24 | 17° 5 | M27 |
| T 28 | 22 26 31 | 5°16'51 | 8♌42 | 27°37 | 23°25 | 7° 8 | 9°54 | 23°16 | 1°39 | 19°45 | 0°45 | 6°48 | 5° 7 | 15°30 | 17°10 | T 28 |
| W29 | 22 30 28 | 6°14'40 | 20°47 | 29° 5 | 23° 3 | 7°46 | 10° 6 | 23°16 | 1°37 | 19°47 | 0°47 | 6°41 | 5° 4 | 15°37 | 17°15 | W29 |
| T 30 | 22 34 24 | 7°12'31 | 3♍ 4 | 0♎31 | 22°38 | 8°25 | 10°19 | 23°17 | 1°34 | 19°49 | 0°48 | 6°32 | 5° 1 | 15°44 | 17°19 | T 30 |
| F 31 | 22 38 21 | 8♍10'23 | 15♍34 | 1♎56 | 22♍11 | 9♍ 3 | 10♌32 | 23♐17 | 1♈32 | 19♍51 | 0♌49 | 6♋22 | 4♋58 | 15♋50 | 17♋24 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n52 | 19n57 | 2n55 | 19n36 | 1n37 | 2n 1 | 2s13 | 15n53 | 1n 9 | 19n32 | 0n20 | 21s56 | 1n19 | 0n14 | 0s47 | 5n16 | 0n56 | 21n11 | 1n 7 | 23n 8 | 23n13 | 23n20 | 16n18 | 6s17 |
| T 2 | 17 36 | 17 0 | 3 45 | 19 6 | 1 40 | 1 39 | 2 23 | 15 41 | 1 9 | 19 29 | 0 20 | 21 56 | 1 19 | 0 13 | 0 47 | 5 15 | 0 56 | 21 11 | 1 7 | 23 9 | 23 13 | 23 20 | 16 18 | 6 18 |
| F 3 | 17 21 | 13 17 | 4 26 | 18 33 | 1 43 | 1 18 | 2 33 | 15 29 | 1 9 | 19 26 | 0 20 | 21 56 | 1 19 | 0 13 | 0 47 | 5 14 | 0 56 | 21 11 | 1 8 | 23 9 | 23 14 | 23 20 | 16 17 | 6 18 |
| S 4 | 17 5 | 8 58 | 4 54 | 17 59 | 1 45 | 0 56 | 2 44 | 15 16 | 1 9 | 19 23 | 0 20 | 21 56 | 1 18 | 0 12 | 0 47 | 5 14 | 0 56 | 21 10 | 1 8 | 23 9 | 23 14 | 23 20 | 16 16 | 6 18 |
| S 5 | 16 49 | 4 12 | 5 9 | 17 23 | 1 46 | 0 36 | 2 55 | 15 4 | 1 9 | 19 20 | 0 20 | 21 56 | 1 18 | 0 12 | 0 47 | 5 13 | 0 56 | 21 10 | 1 8 | 23 10 | 23 14 | 23 21 | 16 15 | 6 19 |
| M 6 | 16 32 | 0s49 | 5 9 | 16 45 | 1 46 | 0 15 | 3 6 | 14 51 | 1 9 | 19 17 | 0 20 | 21 56 | 1 18 | 0 11 | 0 47 | 5 12 | 0 56 | 21 10 | 1 8 | 23 10 | 23 14 | 23 21 | 16 14 | 6 19 |
| T 7 | 16 16 | 5 55 | 4 53 | 16 7 | 1 46 | 0s 5 | 3 17 | 14 39 | 1 9 | 19 13 | 0 21 | 21 56 | 1 18 | 0 11 | 0 47 | 5 11 | 0 56 | 21 9 | 1 8 | 23 10 | 23 14 | 23 21 | 16 13 | 6 19 |
| W 8 | 15 59 | 10 51 | 4 21 | 15 27 | 1 45 | 0 24 | 3 28 | 14 26 | 1 9 | 19 10 | 0 21 | 21 56 | 1 18 | 0 10 | 0 47 | 5 11 | 0 56 | 21 9 | 1 8 | 23 10 | 23 14 | 23 21 | 16 12 | 6 19 |
| T 9 | 15 41 | 15 22 | 3 34 | 14 46 | 1 44 | 0 43 | 3 40 | 14 13 | 1 9 | 19 7 | 0 21 | 21 56 | 1 17 | 0 9 | 0 47 | 5 10 | 0 56 | 21 9 | 1 8 | 23 10 | 23 14 | 23 22 | 16 11 | 6 20 |
| F 10 | 15 24 | 19 9 | 2 32 | 14 4 | 1 41 | 1 2 | 3 51 | 14 0 | 1 9 | 19 4 | 0 21 | 21 56 | 1 17 | 0 9 | 0 47 | 5 9 | 0 56 | 21 9 | 1 8 | 23 10 | 23 15 | 23 22 | 16 10 | 6 20 |
| S 11 | 15 6 | 21 51 | 1 20 | 13 22 | 1 39 | 1 19 | 4 3 | 13 47 | 1 9 | 19 1 | 0 21 | 21 56 | 1 17 | 0 8 | 0 47 | 5 8 | 0 56 | 21 8 | 1 8 | 23 10 | 23 15 | 23 22 | 16 9 | 6 20 |
| S 12 | 14 48 | 23 9 | 0 2 | 12 39 | 1 36 | 1 37 | 4 15 | 13 34 | 1 8 | 18 58 | 0 21 | 21 56 | 1 17 | 0 8 | 0 47 | 5 7 | 0 56 | 21 8 | 1 8 | 23 10 | 23 15 | 23 22 | 16 9 | 6 21 |
| M13 | 14 30 | 22 51 | 1s18 | 11 56 | 1 32 | 1 53 | 4 27 | 13 21 | 1 8 | 18 54 | 0 21 | 21 57 | 1 17 | 0 7 | 0 47 | 5 7 | 0 56 | 21 8 | 1 8 | 23 10 | 23 15 | 23 22 | 16 8 | 6 21 |
| T 14 | 14 12 | 20 55 | 2 33 | 11 12 | 1 28 | 2 9 | 4 39 | 13 7 | 1 8 | 18 51 | 0 21 | 21 57 | 1 17 | 0 6 | 0 47 | 5 6 | 0 56 | 21 8 | 1 8 | 23 10 | 23 15 | 23 23 | 16 7 | 6 21 |
| W15 | 13 53 | 17 33 | 3 37 | 10 27 | 1 23 | 2 24 | 4 51 | 12 54 | 1 8 | 18 48 | 0 21 | 21 57 | 1 16 | 0 6 | 0 47 | 5 5 | 0 56 | 21 7 | 1 8 | 23 10 | 23 15 | 23 23 | 16 6 | 6 22 |
| T 16 | 13 34 | 13 6 | 4 26 | 9 43 | 1 18 | 2 38 | 5 4 | 12 41 | 1 8 | 18 45 | 0 21 | 21 57 | 1 16 | 0 5 | 0 47 | 5 4 | 0 56 | 21 7 | 1 8 | 23 11 | 23 15 | 23 23 | 16 5 | 6 22 |
| F 17 | 13 15 | 7 59 | 4 56 | 8 58 | 1 13 | 2 51 | 5 16 | 12 27 | 1 8 | 18 42 | 0 22 | 21 57 | 1 16 | 0 4 | 0 47 | 5 4 | 0 56 | 21 7 | 1 9 | 23 11 | 23 16 | 23 23 | 16 4 | 6 22 |
| S 18 | 12 56 | 2 35 | 5 8 | 8 13 | 1 7 | 3 4 | 5 28 | 12 14 | 1 8 | 18 38 | 0 22 | 21 57 | 1 16 | 0 3 | 0 47 | 5 3 | 0 56 | 21 7 | 1 9 | 23 11 | 23 16 | 23 23 | 16 3 | 6 23 |
| S 19 | 12 37 | 2n46 | 5 1 | 7 28 | 1 1 | 3 15 | 5 41 | 12 0 | 1 8 | 18 35 | 0 22 | 21 57 | 1 16 | 0 3 | 0 47 | 5 2 | 0 56 | 21 6 | 1 9 | 23 12 | 23 16 | 23 23 | 16 2 | 6 23 |
| M20 | 12 17 | 7 50 | 4 39 | 6 43 | 0 54 | 3 26 | 5 53 | 11 46 | 1 8 | 18 32 | 0 22 | 21 58 | 1 15 | 0 2 | 0 47 | 5 1 | 0 56 | 21 6 | 1 9 | 23 12 | 23 16 | 23 24 | 16 1 | 6 24 |
| T 21 | 11 57 | 12 24 | 4 3 | 5 58 | 0 47 | 3 36 | 6 5 | 11 32 | 1 7 | 18 29 | 0 22 | 21 58 | 1 15 | 0 1 | 0 47 | 5 0 | 0 56 | 21 6 | 1 9 | 23 12 | 23 16 | 23 24 | 16 0 | 6 24 |
| W22 | 11 37 | 16 19 | 3 17 | 5 14 | 0 40 | 3 44 | 6 17 | 11 19 | 1 7 | 18 25 | 0 22 | 21 58 | 1 15 | 0 0 | 0 47 | 4 59 | 0 56 | 21 6 | 1 9 | 23 12 | 23 16 | 23 24 | 15 59 | 6 24 |
| T 23 | 11 17 | 19 28 | 2 23 | 4 29 | 0 33 | 3 52 | 6 29 | 11 5 | 1 7 | 18 22 | 0 22 | 21 58 | 1 15 | 0s 0 | 0 47 | 4 59 | 0 56 | 21 5 | 1 9 | 23 12 | 23 16 | 23 24 | 15 58 | 6 25 |
| F 24 | 10 56 | 21 43 | 1 23 | 3 45 | 0 25 | 3 58 | 6 41 | 10 51 | 1 7 | 18 19 | 0 22 | 21 58 | 1 15 | 0 1 | 0 47 | 4 58 | 0 56 | 21 5 | 1 9 | 23 12 | 23 17 | 23 24 | 15 57 | 6 25 |
| S 25 | 10 36 | 23 0 | 0 20 | 3 1 | 0 18 | 4 3 | 6 52 | 10 37 | 1 7 | 18 15 | 0 22 | 21 58 | 1 15 | 0 2 | 0 47 | 4 57 | 0 56 | 21 5 | 1 9 | 23 12 | 23 17 | 23 24 | 15 56 | 6 26 |
| S 26 | 10 15 | 23 16 | 0n43 | 2 17 | 0 10 | 4 7 | 7 3 | 10 22 | 1 7 | 18 12 | 0 23 | 21 59 | 1 14 | 0 3 | 0 47 | 4 56 | 0 56 | 21 5 | 1 9 | 23 12 | 23 17 | 23 24 | 15 55 | 6 26 |
| M27 | 9 54 | 22 28 | 1 44 | 1 34 | 0 2 | 4 10 | 7 14 | 10 8 | 1 7 | 18 9 | 0 23 | 21 59 | 1 14 | 0 4 | 0 47 | 4 55 | 0 56 | 21 4 | 1 9 | 23 12 | 23 17 | 23 24 | 15 54 | 6 27 |
| T 28 | 9 33 | 20 39 | 2 42 | 0 51 | 0s 7 | 4 12 | 7 24 | 9 54 | 1 7 | 18 6 | 0 23 | 21 59 | 1 14 | 0 4 | 0 47 | 4 54 | 0 56 | 21 4 | 1 9 | 23 13 | 23 17 | 23 24 | 15 53 | 6 27 |
| W29 | 9 12 | 17 53 | 3 32 | 0 8 | 0 15 | 4 12 | 7 34 | 9 40 | 1 6 | 18 2 | 0 23 | 21 59 | 1 14 | 0 5 | 0 47 | 4 54 | 0 56 | 21 4 | 1 9 | 23 13 | 23 17 | 23 25 | 15 52 | 6 27 |
| T 30 | 8 51 | 14 18 | 4 14 | 0s34 | 0 24 | 4 11 | 7 44 | 9 25 | 1 6 | 17 59 | 0 23 | 21 59 | 1 14 | 0 6 | 0 47 | 4 53 | 0 56 | 21 4 | 1 10 | 23 13 | 23 17 | 23 25 | 15 51 | 6 28 |
| F 31 | 8n29 | 10n 2 | 4n44 | 1s16 | 0s32 | 4s 9 | 7s53 | 9n11 | 1n 6 | 17n56 | 0n23 | 22s 0 | 1n13 | 0s 7 | 0s47 | 4n52 | 0n56 | 21n 4 | 1n10 | 23n14 | 23n17 | 23n25 | 15n50 | 6s28 |

Julian Day Number = 2608446.5, Delta T = 10m05s
Ecliptic obliquity = 23°22'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'47, Lahiri = 29°51'48


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## SEPTEMBER 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 42 17 | 9♍ 8'16 | 28♍16 | 3♎19 | 21°R43 | 9♍41 | 10♌44 | 23♐17 | 1°R30 | 19♍54 | 0♌51 | 6°R11 | 4♋55 | 15♋57 | 17♋28 | S 1 |
| S 2 | 22 46 14 | 10° 6'11 | 11♎11 | 4°41 | 21♍13 | 10°19 | 10°57 | 23°18 | 1♈28 | 19°56 | 0°52 | 6♋ 0 | 4°51 | 16° 3 | 17°33 | S 2 |
| M 3 | 22 50 10 | 11° 4'07 | 24°18 | 6° 1 | 20°41 | 10°57 | 11° 9 | 23°18 | 1°26 | 19°58 | 0°53 | 5°51 | 4°48 | 16°10 | 17°37 | M 3 |
| T 4 | 22 54 7 | 12° 2'04 | 7♏37 | 7°19 | 20° 8 | 11°35 | 11°22 | 23°19 | 1°24 | 20° 0 | 0°54 | 5°44 | 4°45 | 16°17 | 17°41 | T 4 |
| W 5 | 22 58 3 | 13° 0'03 | 21° 7 | 8°36 | 19°34 | 12°14 | 11°34 | 23°20 | 1°21 | 20° 2 | 0°56 | 5°40 | 4°42 | 16°23 | 17°46 | W 5 |
| T 6 | 23 2 0 | 13°58'03 | 4♐50 | 9°51 | 18°58 | 12°52 | 11°46 | 23°21 | 1°19 | 20° 5 | 0°57 | 5°38 | 4°39 | 16°30 | 17°50 | T 6 |
| F 7 | 23 5 57 | 14°56'04 | 18°45 | 11° 4 | 18°22 | 13°30 | 11°58 | 23°22 | 1°17 | 20° 7 | 0°58 | 5°D38 | 4°36 | 16°37 | 17°54 | F 7 |
| S 8 | 23 9 53 | 15°54'07 | 2♑53 | 12°15 | 17°45 | 14° 8 | 12°11 | 23°23 | 1°15 | 20° 9 | 0°59 | 5°R38 | 4°32 | 16°43 | 17°58 | S 8 |
| S 9 | 23 13 50 | 16°52'11 | 17°11 | 13°25 | 17° 8 | 14°46 | 12°23 | 23°24 | 1°12 | 20°11 | 1° 1 | 5°37 | 4°29 | 16°50 | 18° 2 | S 9 |
| M10 | 23 17 46 | 17°50'16 | 1♒40 | 14°32 | 16°30 | 15°25 | 12°35 | 23°25 | 1°10 | 20°13 | 1° 2 | 5°35 | 4°26 | 16°57 | 18° 6 | M10 |
| T 11 | 23 21 43 | 18°48'23 | 16°14 | 15°37 | 15°53 | 16° 3 | 12°47 | 23°27 | 1° 8 | 20°16 | 1° 3 | 5°31 | 4°23 | 17° 3 | 18°10 | T 11 |
| W12 | 23 25 39 | 19°46'31 | 0♓49 | 16°39 | 15°17 | 16°41 | 12°59 | 23°28 | 1° 5 | 20°18 | 1° 4 | 5°23 | 4°20 | 17°10 | 18°14 | W12 |
| T 13 | 23 29 36 | 20°44'41 | 15°17 | 17°40 | 14°40 | 17°19 | 13°10 | 23°30 | 1° 3 | 20°20 | 1° 5 | 5°13 | 4°17 | 17°17 | 18°17 | T 13 |
| F 14 | 23 33 32 | 21°42'52 | 29°32 | 18°37 | 14° 5 | 17°57 | 13°22 | 23°31 | 1° 1 | 20°22 | 1° 6 | 5° 2 | 4°13 | 17°23 | 18°21 | F 14 |
| S 15 | 23 37 29 | 22°41'05 | 13♈29 | 19°32 | 13°31 | 18°36 | 13°34 | 23°33 | 0°58 | 20°25 | 1° 7 | 4°51 | 4°10 | 17°30 | 18°25 | S 15 |
| S 16 | 23 41 25 | 23°39'20 | 27° 3 | 20°24 | 12°58 | 19°14 | 13°46 | 23°35 | 0°56 | 20°27 | 1° 8 | 4°40 | 4° 7 | 17°37 | 18°28 | S 16 |
| M17 | 23 45 22 | 24°37'37 | 10♉12 | 21°13 | 12°27 | 19°52 | 13°57 | 23°37 | 0°53 | 20°29 | 1°10 | 4°31 | 4° 4 | 17°43 | 18°32 | M17 |
| T 18 | 23 49 19 | 25°35'56 | 22°58 | 21°58 | 11°57 | 20°30 | 14° 9 | 23°39 | 0°51 | 20°31 | 1°11 | 4°25 | 4° 1 | 17°50 | 18°35 | T 18 |
| W19 | 23 53 15 | 26°34'17 | 5♊22 | 22°40 | 11°29 | 21° 9 | 14°20 | 23°41 | 0°49 | 20°33 | 1°12 | 4°22 | 3°57 | 17°57 | 18°38 | W19 |
| T 20 | 23 57 12 | 27°32'40 | 17°30 | 23°18 | 11° 3 | 21°47 | 14°32 | 23°43 | 0°46 | 20°36 | 1°13 | 4°20 | 3°54 | 18° 3 | 18°42 | T 20 |
| F 21 | 0 1 8 | 28°31'05 | 29°25 | 23°52 | 10°39 | 22°25 | 14°43 | 23°46 | 0°44 | 20°38 | 1°14 | 4°20 | 3°51 | 18°10 | 18°45 | F 21 |
| S 22 | 0 5 5 | 29°29'32 | 11♋14 | 24°21 | 10°18 | 23° 3 | 14°54 | 23°48 | 0°42 | 20°40 | 1°15 | 4°20 | 3°48 | 18°16 | 18°48 | S 22 |
| S 23 | 0 9 1 | 0♎28'02 | 23° 2 | 24°46 | 9°58 | 23°42 | 15° 5 | 23°51 | 0°39 | 20°42 | 1°15 | 4°19 | 3°45 | 18°23 | 18°51 | S 23 |
| M24 | 0 12 58 | 1°26'33 | 4♌55 | 25° 6 | 9°41 | 24°20 | 15°17 | 23°53 | 0°37 | 20°44 | 1°16 | 4°16 | 3°42 | 18°30 | 18°54 | M24 |
| T 25 | 0 16 54 | 2°25'07 | 16°56 | 25°20 | 9°27 | 24°58 | 15°28 | 23°56 | 0°34 | 20°47 | 1°17 | 4°11 | 3°38 | 18°36 | 18°57 | T 25 |
| W26 | 0 20 51 | 3°23'42 | 29°10 | 25°28 | 9°14 | 25°37 | 15°39 | 23°59 | 0°32 | 20°49 | 1°18 | 4° 3 | 3°35 | 18°43 | 19° 0 | W26 |
| T 27 | 0 24 48 | 4°22'20 | 11♍39 | 25°R30 | 9° 5 | 26°15 | 15°49 | 24° 1 | 0°30 | 20°51 | 1°19 | 3°52 | 3°32 | 18°50 | 19° 3 | T 27 |
| F 28 | 0 28 44 | 5°21'00 | 24°24 | 25°25 | 8°57 | 26°53 | 16° 0 | 24° 4 | 0°27 | 20°53 | 1°20 | 3°39 | 3°29 | 18°56 | 19° 5 | F 28 |
| S 29 | 0 32 41 | 6°19'41 | 7♎26 | 25°14 | 8°52 | 27°32 | 16°11 | 24° 7 | 0°25 | 20°55 | 1°21 | 3°26 | 3°26 | 19° 3 | 19° 8 | S 29 |
| S 30 | 0 36 37 | 7♎18'25 | 20♎43 | 24♎55 | 8♍50 | 28♍10 | 16♌21 | 24♐10 | 0♈22 | 20♍58 | 1♌21 | 3♋13 | 3♋22 | 19♋10 | 19♋11 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n 8 | 5n17 | 5n 0 | 1s57 | 0s41 | 4s 6 | 8s 1 | 8n56 | 1n 6 | 17n52 | 0n23 | 22s 0 | 1n13 | 0s 8 | 0s47 | 4n51 | 0n56 | 21n 3 | 1n10 | 23n14 | 23n18 | 23n25 | 15n49 | 6s29 |
| S 2 | 7 46 | 0 13 | 5 2 | 2 37 | 0 50 | 4 1 | 8 8 | 8 42 | 1 6 | 17 49 | 0 23 | 22 0 | 1 13 | 0 9 | 0 47 | 4 50 | 0 56 | 21 3 | 1 10 | 23 15 | 23 18 | 23 25 | 15 48 | 6 29 |
| M 3 | 7 24 | 4s56 | 4 48 | 3 17 | 0 59 | 3 55 | 8 15 | 8 27 | 1 6 | 17 46 | 0 23 | 22 0 | 1 13 | 0 10 | 0 47 | 4 49 | 0 56 | 21 3 | 1 10 | 23 15 | 23 18 | 23 25 | 15 47 | 6 30 |
| T 4 | 7 2 | 9 57 | 4 18 | 3 56 | 1 8 | 3 47 | 8 21 | 8 13 | 1 5 | 17 43 | 0 24 | 22 0 | 1 13 | 0 10 | 0 47 | 4 48 | 0 56 | 21 3 | 1 10 | 23 16 | 23 18 | 23 25 | 15 46 | 6 30 |
| W 5 | 6 40 | 14 34 | 3 34 | 4 35 | 1 17 | 3 39 | 8 27 | 7 58 | 1 5 | 17 39 | 0 24 | 22 1 | 1 12 | 0 11 | 0 48 | 4 48 | 0 56 | 21 3 | 1 10 | 23 16 | 23 18 | 23 25 | 15 45 | 6 31 |
| T 6 | 6 18 | 18 30 | 2 36 | 5 13 | 1 26 | 3 29 | 8 31 | 7 43 | 1 5 | 17 36 | 0 24 | 22 1 | 1 12 | 0 12 | 0 48 | 4 47 | 0 56 | 21 2 | 1 10 | 23 16 | 23 18 | 23 25 | 15 44 | 6 31 |
| F 7 | 5 55 | 21 26 | 1 29 | 5 50 | 1 35 | 3 19 | 8 35 | 7 28 | 1 5 | 17 33 | 0 24 | 22 1 | 1 12 | 0 13 | 0 48 | 4 46 | 0 56 | 21 2 | 1 10 | 23 16 | 23 18 | 23 25 | 15 43 | 6 32 |
| S 8 | 5 33 | 23 6 | 0 15 | 6 26 | 1 44 | 3 7 | 8 38 | 7 14 | 1 5 | 17 29 | 0 24 | 22 1 | 1 12 | 0 14 | 0 48 | 4 45 | 0 56 | 21 2 | 1 10 | 23 16 | 23 18 | 23 25 | 15 42 | 6 32 |
| S 9 | 5 10 | 23 17 | 1s 1 | 7 1 | 1 53 | 2 54 | 8 39 | 6 59 | 1 5 | 17 26 | 0 24 | 22 2 | 1 12 | 0 15 | 0 48 | 4 44 | 0 56 | 21 2 | 1 10 | 23 16 | 23 18 | 23 25 | 15 41 | 6 33 |
| M10 | 4 48 | 21 55 | 2 14 | 7 35 | 2 2 | 2 41 | 8 40 | 6 44 | 1 4 | 17 23 | 0 24 | 22 2 | 1 11 | 0 16 | 0 48 | 4 43 | 0 56 | 21 2 | 1 10 | 23 16 | 23 19 | 23 25 | 15 40 | 6 33 |
| T 11 | 4 25 | 19 5 | 3 18 | 8 9 | 2 11 | 2 27 | 8 40 | 6 29 | 1 4 | 17 20 | 0 24 | 22 2 | 1 11 | 0 17 | 0 48 | 4 42 | 0 56 | 21 2 | 1 11 | 23 16 | 23 19 | 23 25 | 15 39 | 6 34 |
| W12 | 4 2 | 15 2 | 4 9 | 8 41 | 2 20 | 2 12 | 8 39 | 6 14 | 1 4 | 17 16 | 0 25 | 22 2 | 1 11 | 0 18 | 0 48 | 4 42 | 0 56 | 21 1 | 1 11 | 23 16 | 23 19 | 23 25 | 15 38 | 6 34 |
| T 13 | 3 40 | 10 9 | 4 44 | 9 12 | 2 28 | 1 56 | 8 37 | 5 59 | 1 4 | 17 13 | 0 25 | 22 3 | 1 11 | 0 19 | 0 48 | 4 41 | 0 56 | 21 1 | 1 11 | 23 17 | 23 19 | 23 25 | 15 37 | 6 35 |
| F 14 | 3 17 | 4 46 | 5 0 | 9 42 | 2 37 | 1 40 | 8 34 | 5 44 | 1 4 | 17 10 | 0 25 | 22 3 | 1 11 | 0 20 | 0 48 | 4 40 | 0 56 | 21 1 | 1 11 | 23 17 | 23 19 | 23 25 | 15 36 | 6 35 |
| S 15 | 2 54 | 0n44 | 4 58 | 10 10 | 2 45 | 1 24 | 8 30 | 5 29 | 1 4 | 17 7 | 0 25 | 22 3 | 1 11 | 0 21 | 0 48 | 4 39 | 0 56 | 21 1 | 1 11 | 23 18 | 23 19 | 23 25 | 15 35 | 6 36 |
| S 16 | 2 31 | 6 3 | 4 39 | 10 37 | 2 53 | 1 7 | 8 26 | 5 13 | 1 3 | 17 3 | 0 25 | 22 3 | 1 10 | 0 21 | 0 48 | 4 38 | 0 56 | 21 1 | 1 11 | 23 18 | 23 19 | 23 25 | 15 34 | 6 36 |
| M17 | 2 8 | 10 57 | 4 6 | 11 3 | 3 1 | 0 50 | 8 20 | 4 58 | 1 3 | 17 0 | 0 25 | 22 4 | 1 10 | 0 22 | 0 48 | 4 37 | 0 56 | 21 1 | 1 11 | 23 18 | 23 19 | 23 25 | 15 33 | 6 37 |
| T 18 | 1 45 | 15 14 | 3 21 | 11 27 | 3 9 | 0 34 | 8 14 | 4 43 | 1 3 | 16 57 | 0 25 | 22 4 | 1 10 | 0 23 | 0 48 | 4 36 | 0 56 | 21 0 | 1 11 | 23 19 | 23 19 | 23 25 | 15 32 | 6 38 |
| W19 | 1 22 | 18 44 | 2 27 | 11 50 | 3 16 | 0 17 | 8 7 | 4 28 | 1 3 | 16 54 | 0 25 | 22 4 | 1 10 | 0 24 | 0 48 | 4 35 | 0 56 | 21 0 | 1 11 | 23 19 | 23 19 | 23 25 | 15 31 | 6 38 |
| T 20 | 0 58 | 21 20 | 1 28 | 12 10 | 3 23 | 0 0 | 8 0 | 4 13 | 1 3 | 16 51 | 0 26 | 22 5 | 1 10 | 0 25 | 0 48 | 4 35 | 0 56 | 21 0 | 1 11 | 23 19 | 23 20 | 23 25 | 15 30 | 6 39 |
| F 21 | 0 35 | 22 57 | 0 26 | 12 29 | 3 29 | 0n16 | 7 52 | 3 57 | 1 2 | 16 47 | 0 26 | 22 5 | 1 9 | 0 26 | 0 48 | 4 34 | 0 56 | 21 0 | 1 11 | 23 19 | 23 20 | 23 25 | 15 29 | 6 39 |
| S 22 | 0 12 | 23 31 | 0n37 | 12 45 | 3 35 | 0 32 | 7 43 | 3 42 | 1 2 | 16 44 | 0 26 | 22 5 | 1 9 | 0 27 | 0 48 | 4 33 | 0 56 | 21 0 | 1 12 | 23 19 | 23 20 | 23 25 | 15 28 | 6 40 |
| S 23 | 0s11 | 23 1 | 1 37 | 12 59 | 3 40 | 0 48 | 7 34 | 3 27 | 1 2 | 16 41 | 0 26 | 22 5 | 1 9 | 0 28 | 0 48 | 4 32 | 0 56 | 21 0 | 1 12 | 23 19 | 23 20 | 23 25 | 15 27 | 6 40 |
| M24 | 0 34 | 21 29 | 2 34 | 13 10 | 3 45 | 1 3 | 7 24 | 3 11 | 1 2 | 16 38 | 0 26 | 22 6 | 1 9 | 0 29 | 0 48 | 4 31 | 0 56 | 21 0 | 1 12 | 23 19 | 23 20 | 23 25 | 15 26 | 6 41 |
| T 25 | 0 58 | 18 59 | 3 25 | 13 19 | 3 48 | 1 18 | 7 14 | 2 56 | 1 2 | 16 35 | 0 26 | 22 6 | 1 9 | 0 30 | 0 48 | 4 30 | 0 56 | 21 0 | 1 12 | 23 19 | 23 20 | 23 25 | 15 25 | 6 42 |
| W26 | 1 21 | 15 36 | 4 7 | 13 25 | 3 51 | 1 32 | 7 3 | 2 41 | 1 1 | 16 32 | 0 26 | 22 6 | 1 9 | 0 31 | 0 48 | 4 29 | 0 56 | 20 59 | 1 12 | 23 19 | 23 20 | 23 25 | 15 24 | 6 42 |
| T 27 | 1 44 | 11 28 | 4 38 | 13 27 | 3 54 | 1 46 | 6 53 | 2 25 | 1 1 | 16 29 | 0 27 | 22 7 | 1 8 | 0 32 | 0 48 | 4 29 | 0 56 | 20 59 | 1 12 | 23 20 | 23 20 | 23 25 | 15 23 | 6 43 |
| F 28 | 2 7 | 6 45 | 4 56 | 13 27 | 3 54 | 1 59 | 6 41 | 2 10 | 1 1 | 16 26 | 0 27 | 22 7 | 1 8 | 0 33 | 0 48 | 4 28 | 0 56 | 20 59 | 1 12 | 23 20 | 23 20 | 23 25 | 15 22 | 6 43 |
| S 29 | 2 30 | 1 39 | 4 59 | 13 22 | 3 54 | 2 11 | 6 30 | 1 55 | 1 1 | 16 23 | 0 27 | 22 7 | 1 8 | 0 34 | 0 48 | 4 27 | 0 56 | 20 59 | 1 12 | 23 20 | 23 20 | 23 25 | 15 21 | 6 44 |
| S 30 | 2s54 | 3s38 | 4n47 | 13s14 | 3s53 | 2n23 | 6s19 | 1n39 | 1n 0 | 16n20 | 0n27 | 22s 8 | 1n 8 | 0s35 | 0s48 | 4n26 | 0n56 | 20n59 | 1n12 | 23n21 | 23n20 | 23n24 | 15n20 | 6s45 |

Julian Day Number = 2608477.5, Delta T = 10m06s
Ecliptic obliquity = 23°23'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'51, Lahiri = 29°51'53


created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

## OCTOBER 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 40 34 | 8♎17'10 | 4♏13 | 24°R29 | 8°D49 | 28♍48 | 16♌32 | 24♐14 | 0°R20 | 21♍ 0 | 1♌22 | 3°R 2 | 3♋19 | 19♋16 | 19♋13 | M 1 |
| T 2 | 0 44 30 | 9°15'58 | 17°54 | 23♎56 | 8♍51 | 29°27 | 16°42 | 24°17 | 0♈18 | 21° 2 | 1°23 | 2♋54 | 3°16 | 19°23 | 19°16 | T 2 |
| W 3 | 0 48 27 | 10°14'47 | 1♐43 | 23°16 | 8°56 | 0♎ 5 | 16°53 | 24°20 | 0°15 | 21° 4 | 1°24 | 2°49 | 3°13 | 19°30 | 19°18 | W 3 |
| T 4 | 0 52 23 | 11°13'38 | 15°38 | 22°29 | 9° 3 | 0°44 | 17° 3 | 24°24 | 0°13 | 21° 6 | 1°24 | 2°46 | 3°10 | 19°36 | 19°20 | T 4 |
| F 5 | 0 56 20 | 12°12'30 | 29°38 | 21°35 | 9°11 | 1°22 | 17°13 | 24°27 | 0°11 | 21° 8 | 1°25 | 2°D45 | 3° 7 | 19°43 | 19°22 | F 5 |
| S 6 | 1 0 17 | 13°11'24 | 13♑43 | 20°36 | 9°23 | 2° 0 | 17°23 | 24°31 | 0° 8 | 21°10 | 1°26 | 2°R45 | 3° 3 | 19°50 | 19°24 | S 6 |
| S 7 | 1 4 13 | 14°10'20 | 27°51 | 19°32 | 9°36 | 2°39 | 17°33 | 24°35 | 0° 6 | 21°12 | 1°26 | 2°45 | 3° 0 | 19°56 | 19°26 | S 7 |
| M 8 | 1 8 10 | 15° 9'18 | 12♒ 1 | 18°25 | 9°51 | 3°17 | 17°43 | 24°38 | 0° 4 | 21°14 | 1°27 | 2°42 | 2°57 | 20° 3 | 19°28 | M 8 |
| T 9 | 1 12 6 | 16° 8'17 | 26°12 | 17°17 | 10° 8 | 3°56 | 17°52 | 24°42 | 0° 1 | 21°17 | 1°28 | 2°38 | 2°54 | 20° 9 | 19°30 | T 9 |
| W10 | 1 16 3 | 17° 7'18 | 10♓20 | 16° 8 | 10°27 | 4°34 | 18° 2 | 24°46 | 29♓59 | 21°19 | 1°28 | 2°30 | 2°51 | 20°16 | 19°32 | W10 |
| T 11 | 1 19 59 | 18° 6'21 | 24°23 | 15° 2 | 10°48 | 5°13 | 18°12 | 24°50 | 29°57 | 21°21 | 1°29 | 2°20 | 2°48 | 20°23 | 19°33 | T 11 |
| F 12 | 1 23 56 | 19° 5'26 | 8♈15 | 13°59 | 11°11 | 5°51 | 18°21 | 24°54 | 29°55 | 21°23 | 1°29 | 2° 9 | 2°44 | 20°29 | 19°35 | F 12 |
| S 13 | 1 27 52 | 20° 4'32 | 21°52 | 13° 1 | 11°36 | 6°30 | 18°30 | 24°59 | 29°52 | 21°25 | 1°30 | 1°57 | 2°41 | 20°36 | 19°37 | S 13 |
| S 14 | 1 31 49 | 21° 3'41 | 5♉11 | 12°11 | 12° 2 | 7° 8 | 18°39 | 25° 3 | 29°50 | 21°27 | 1°30 | 1°46 | 2°38 | 20°43 | 19°38 | S 14 |
| M15 | 1 35 46 | 22° 2'52 | 18°11 | 11°29 | 12°30 | 7°47 | 18°48 | 25° 7 | 29°48 | 21°29 | 1°31 | 1°37 | 2°35 | 20°49 | 19°39 | M15 |
| T 16 | 1 39 42 | 23° 2'05 | 0♊51 | 10°57 | 13° 0 | 8°25 | 18°57 | 25°12 | 29°46 | 21°31 | 1°31 | 1°30 | 2°32 | 20°56 | 19°41 | T 16 |
| W17 | 1 43 39 | 24° 1'20 | 13°13 | 10°35 | 13°31 | 9° 4 | 19° 6 | 25°16 | 29°44 | 21°33 | 1°31 | 1°27 | 2°28 | 21° 3 | 19°42 | W17 |
| T 18 | 1 47 35 | 25° 0'38 | 25°20 | 10°23 | 14° 3 | 9°42 | 19°15 | 25°21 | 29°42 | 21°34 | 1°32 | 1°25 | 2°25 | 21° 9 | 19°43 | T 18 |
| F 19 | 1 51 32 | 25°59'57 | 7♋16 | 10°D23 | 14°38 | 10°21 | 19°24 | 25°25 | 29°39 | 21°36 | 1°32 | 1°D25 | 2°22 | 21°16 | 19°44 | F 19 |
| S 20 | 1 55 28 | 26°59'19 | 19° 5 | 10°34 | 15°13 | 10°59 | 19°32 | 25°30 | 29°37 | 21°38 | 1°33 | 1°25 | 2°19 | 21°23 | 19°45 | S 20 |
| S 21 | 1 59 25 | 27°58'44 | 0♌54 | 10°55 | 15°50 | 11°38 | 19°40 | 25°35 | 29°35 | 21°40 | 1°33 | 1°R26 | 2°16 | 21°29 | 19°46 | S 21 |
| M22 | 2 3 21 | 28°58'10 | 12°47 | 11°25 | 16°28 | 12°17 | 19°49 | 25°39 | 29°33 | 21°42 | 1°33 | 1°24 | 2°13 | 21°36 | 19°46 | M22 |
| T 23 | 2 7 18 | 29°57'39 | 24°50 | 12° 6 | 17° 7 | 12°55 | 19°57 | 25°44 | 29°31 | 21°44 | 1°33 | 1°21 | 2° 9 | 21°43 | 19°47 | T 23 |
| W24 | 2 11 15 | 0♏57'10 | 7♍ 7 | 12°54 | 17°47 | 13°34 | 20° 5 | 25°49 | 29°29 | 21°46 | 1°34 | 1°16 | 2° 6 | 21°49 | 19°47 | W24 |
| T 25 | 2 15 11 | 1°56'43 | 19°43 | 13°50 | 18°29 | 14°12 | 20°12 | 25°54 | 29°28 | 21°48 | 1°34 | 1° 8 | 2° 3 | 21°56 | 19°48 | T 25 |
| F 26 | 2 19 8 | 2°56'18 | 2♎39 | 14°53 | 19°12 | 14°51 | 20°20 | 25°59 | 29°26 | 21°49 | 1°34 | 0°59 | 2° 0 | 22° 3 | 19°48 | F 26 |
| S 27 | 2 23 4 | 3°55'56 | 15°57 | 16° 3 | 19°56 | 15°30 | 20°28 | 26° 5 | 29°24 | 21°51 | 1°34 | 0°49 | 1°57 | 22° 9 | 19°49 | S 27 |
| S 28 | 2 27 1 | 4°55'35 | 29°34 | 17°17 | 20°40 | 16° 9 | 20°35 | 26°10 | 29°22 | 21°53 | 1°34 | 0°39 | 1°54 | 22°16 | 19°49 | S 28 |
| M29 | 2 30 57 | 5°55'17 | 13♏28 | 18°36 | 21°26 | 16°47 | 20°42 | 26°15 | 29°20 | 21°55 | 1°34 | 0°30 | 1°50 | 22°23 | 19°49 | M29 |
| T 30 | 2 34 54 | 6°55'01 | 27°35 | 19°59 | 22°13 | 17°26 | 20°49 | 26°20 | 29°18 | 21°56 | 1°34 | 0°24 | 1°47 | 22°29 | 19°R49 | T 30 |
| W31 | 2 38 50 | 7♏54'46 | 11♐50 | 21♎25 | 23♍ 0 | 18♎ 5 | 20♌56 | 26♐26 | 29♓17 | 21♍58 | 1♌34 | 0♋20 | 1♋44 | 22♋36 | 19♋49 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s17 | 8s51 | 4n18 | 13s 2 | 3s49 | 2n34 | 6s 7 | 1n24 | 1n 0 | 16n17 | 0n27 | 22s 8 | 1n 8 | 0s36 | 0s48 | 4n25 | 0n56 | 20n59 | 1n12 | 23n21 | 23n21 | 23n24 | 15n19 | 6s45 |
| T 2 | 3 40 | 13 42 | 3 33 | 12 45 | 3 45 | 2 44 | 5 56 | 1 8 | 1 0 | 16 14 | 0 27 | 22 8 | 1 7 | 0 37 | 0 48 | 4 24 | 0 56 | 20 59 | 1 12 | 23 21 | 23 21 | 23 24 | 15 18 | 6 46 |
| W 3 | 4 3 | 17 54 | 2 36 | 12 24 | 3 38 | 2 53 | 5 44 | 0 53 | 1 0 | 16 11 | 0 27 | 22 9 | 1 7 | 0 38 | 0 48 | 4 24 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 24 | 15 17 | 6 47 |
| T 4 | 4 26 | 21 8 | 1 29 | 11 59 | 3 30 | 3 1 | 5 32 | 0 37 | 1 0 | 16 8 | 0 28 | 22 9 | 1 7 | 0 38 | 0 47 | 4 23 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 24 | 15 16 | 6 47 |
| F 5 | 4 49 | 23 6 | 0 16 | 11 29 | 3 20 | 3 9 | 5 20 | 0 22 | 0 59 | 16 5 | 0 28 | 22 9 | 1 7 | 0 39 | 0 47 | 4 22 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 24 | 15 15 | 6 48 |
| S 6 | 5 12 | 23 38 | 0s58 | 10 56 | 3 8 | 3 16 | 5 8 | 0 6 | 0 59 | 16 2 | 0 28 | 22 9 | 1 7 | 0 40 | 0 47 | 4 21 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 24 | 15 14 | 6 49 |
| S 7 | 5 35 | 22 39 | 2 9 | 10 19 | 2 54 | 3 22 | 4 57 | 0s 9 | 0 59 | 15 59 | 0 28 | 22 10 | 1 7 | 0 41 | 0 47 | 4 20 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 24 | 15 14 | 6 49 |
| M 8 | 5 57 | 20 13 | 3 12 | 9 39 | 2 39 | 3 27 | 4 45 | 0 24 | 0 59 | 15 56 | 0 28 | 22 10 | 1 6 | 0 42 | 0 47 | 4 20 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 23 | 15 13 | 6 50 |
| T 9 | 6 20 | 16 34 | 4 3 | 8 57 | 2 22 | 3 32 | 4 33 | 0 40 | 0 58 | 15 53 | 0 28 | 22 10 | 1 6 | 0 43 | 0 47 | 4 19 | 0 56 | 20 59 | 1 13 | 23 21 | 23 21 | 23 23 | 15 12 | 6 50 |
| W10 | 6 43 | 11 59 | 4 40 | 8 14 | 2 3 | 3 35 | 4 22 | 0 55 | 0 58 | 15 51 | 0 29 | 22 11 | 1 6 | 0 44 | 0 47 | 4 18 | 0 56 | 20 59 | 1 13 | 23 22 | 23 21 | 23 23 | 15 11 | 6 51 |
| T 11 | 7 5 | 6 48 | 4 59 | 7 30 | 1 44 | 3 38 | 4 10 | 1 11 | 0 58 | 15 48 | 0 29 | 22 11 | 1 6 | 0 45 | 0 47 | 4 17 | 0 56 | 20 58 | 1 13 | 23 22 | 23 21 | 23 23 | 15 10 | 6 52 |
| F 12 | 7 28 | 1 20 | 5 0 | 6 47 | 1 23 | 3 40 | 3 59 | 1 26 | 0 58 | 15 45 | 0 29 | 22 11 | 1 6 | 0 46 | 0 47 | 4 17 | 0 56 | 20 58 | 1 13 | 23 22 | 23 21 | 23 23 | 15 9 | 6 52 |
| S 13 | 7 50 | 4n 6 | 4 44 | 6 6 | 1 3 | 3 41 | 3 47 | 1 42 | 0 57 | 15 42 | 0 29 | 22 12 | 1 6 | 0 47 | 0 47 | 4 16 | 0 56 | 20 58 | 1 13 | 23 22 | 23 21 | 23 23 | 15 8 | 6 53 |
| S 14 | 8 12 | 9 15 | 4 12 | 5 27 | 0 42 | 3 42 | 3 36 | 1 57 | 0 57 | 15 40 | 0 29 | 22 12 | 1 5 | 0 47 | 0 47 | 4 15 | 0 56 | 20 58 | 1 14 | 23 22 | 23 21 | 23 22 | 15 7 | 6 54 |
| M15 | 8 34 | 13 52 | 3 29 | 4 52 | 0 22 | 3 41 | 3 25 | 2 13 | 0 57 | 15 37 | 0 29 | 22 12 | 1 5 | 0 48 | 0 47 | 4 14 | 0 56 | 20 58 | 1 14 | 23 22 | 23 21 | 23 22 | 15 7 | 6 54 |
| T 16 | 8 56 | 17 45 | 2 35 | 4 22 | 0 3 | 3 40 | 3 14 | 2 28 | 0 56 | 15 34 | 0 30 | 22 13 | 1 5 | 0 49 | 0 47 | 4 13 | 0 56 | 20 58 | 1 14 | 23 22 | 23 22 | 23 22 | 15 6 | 6 55 |
| W17 | 9 18 | 20 45 | 1 35 | 3 56 | 0n15 | 3 38 | 3 4 | 2 43 | 0 56 | 15 32 | 0 30 | 22 13 | 1 5 | 0 50 | 0 47 | 4 13 | 0 56 | 20 58 | 1 14 | 23 23 | 23 22 | 23 22 | 15 5 | 6 56 |
| T 18 | 9 40 | 22 46 | 0 32 | 3 36 | 0 33 | 3 36 | 2 53 | 2 59 | 0 56 | 15 29 | 0 30 | 22 13 | 1 5 | 0 51 | 0 47 | 4 12 | 0 57 | 20 58 | 1 14 | 23 23 | 23 22 | 23 22 | 15 4 | 6 56 |
| F 19 | 10 1 | 23 42 | 0n31 | 3 22 | 0 48 | 3 32 | 2 43 | 3 14 | 0 56 | 15 27 | 0 30 | 22 14 | 1 5 | 0 52 | 0 47 | 4 11 | 0 57 | 20 58 | 1 14 | 23 23 | 23 22 | 23 21 | 15 3 | 6 57 |
| S 20 | 10 23 | 23 34 | 1 33 | 3 13 | 1 3 | 3 28 | 2 32 | 3 29 | 0 55 | 15 24 | 0 30 | 22 14 | 1 5 | 0 52 | 0 47 | 4 11 | 0 57 | 20 58 | 1 14 | 23 23 | 23 22 | 23 21 | 15 3 | 6 58 |
| S 21 | 10 44 | 22 22 | 2 31 | 3 9 | 1 15 | 3 23 | 2 22 | 3 45 | 0 55 | 15 22 | 0 30 | 22 14 | 1 4 | 0 53 | 0 47 | 4 10 | 0 57 | 20 58 | 1 14 | 23 23 | 23 22 | 23 21 | 15 2 | 6 58 |
| M22 | 11 5 | 20 10 | 3 22 | 3 11 | 1 27 | 3 18 | 2 12 | 4 0 | 0 55 | 15 19 | 0 31 | 22 15 | 1 4 | 0 54 | 0 47 | 4 9 | 0 57 | 20 59 | 1 14 | 23 23 | 23 22 | 23 21 | 15 1 | 6 59 |
| T 23 | 11 26 | 17 4 | 4 6 | 3 18 | 1 36 | 3 12 | 2 3 | 4 15 | 0 55 | 15 17 | 0 31 | 22 15 | 1 4 | 0 55 | 0 47 | 4 8 | 0 57 | 20 59 | 1 14 | 23 23 | 23 22 | 23 20 | 15 0 | 7 0 |
| W24 | 11 47 | 13 11 | 4 39 | 3 29 | 1 44 | 3 5 | 1 53 | 4 30 | 0 54 | 15 15 | 0 31 | 22 15 | 1 4 | 0 55 | 0 47 | 4 8 | 0 57 | 20 59 | 1 14 | 23 23 | 23 22 | 23 20 | 15 0 | 7 0 |
| T 25 | 12 7 | 8 39 | 4 59 | 3 45 | 1 51 | 2 57 | 1 44 | 4 46 | 0 54 | 15 12 | 0 31 | 22 15 | 1 4 | 0 56 | 0 47 | 4 7 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 20 | 14 59 | 7 1 |
| F 26 | 12 28 | 3 37 | 5 5 | 4 4 | 1 56 | 2 49 | 1 34 | 5 1 | 0 54 | 15 10 | 0 31 | 22 16 | 1 4 | 0 57 | 0 47 | 4 6 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 20 | 14 58 | 7 2 |
| S 27 | 12 48 | 1s43 | 4 55 | 4 27 | 2 0 | 2 40 | 1 25 | 5 16 | 0 53 | 15 8 | 0 31 | 22 16 | 1 3 | 0 58 | 0 47 | 4 6 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 19 | 14 57 | 7 2 |
| S 28 | 13 8 | 7 7 | 4 28 | 4 53 | 2 3 | 2 31 | 1 16 | 5 31 | 0 53 | 15 6 | 0 32 | 22 16 | 1 3 | 0 58 | 0 47 | 4 5 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 19 | 14 57 | 7 3 |
| M29 | 13 28 | 12 17 | 3 44 | 5 21 | 2 4 | 2 21 | 1 8 | 5 46 | 0 53 | 15 4 | 0 32 | 22 17 | 1 3 | 0 59 | 0 47 | 4 4 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 19 | 14 56 | 7 4 |
| T 30 | 13 47 | 16 52 | 2 47 | 5 52 | 2 5 | 2 10 | 0 59 | 6 1 | 0 52 | 15 2 | 0 32 | 22 17 | 1 3 | 1 0 | 0 47 | 4 4 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 19 | 14 55 | 7 4 |
| W31 | 14s 7 | 20s32 | 1n38 | 6s25 | 2n 5 | 1n59 | 0s51 | 6s16 | 0n52 | 15n 0 | 0n32 | 22s17 | 1n 3 | 1s 0 | 0s47 | 4n 3 | 0n57 | 20n59 | 1n15 | 23n23 | 23n22 | 23n18 | 14n55 | 7s 5 |

Julian Day Number = 2608507.5, Delta T = 10m06s
Ecliptic obliquity = 23°23'00, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°44'55, Lahiri = 29°51'57


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## NOVEMBER 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 42 47 | 8♏54'34 | 26♐ 8 | 22♎55 | 23♍49 | 18♎43 | 21♌ 3 | 26♐31 | 29°R15 | 22♍ 0 | 1°R34 | 0°D19 | 1♋41 | 22♋42 | 19°R49 | T 1 |
| F 2 | 2 46 43 | 9°54'23 | 10♑26 | 24°26 | 24°38 | 19°22 | 21°10 | 26°37 | 29♓13 | 22° 1 | 1♌34 | 0♋19 | 1°38 | 22°49 | 19♋48 | F 2 |
| S 3 | 2 50 40 | 10°54'13 | 24°41 | 25°59 | 25°28 | 20° 1 | 21°17 | 26°42 | 29°12 | 22° 3 | 1°34 | 0°20 | 1°34 | 22°56 | 19°48 | S 3 |
| S 4 | 2 54 37 | 11°54'06 | 8♒50 | 27°34 | 26°19 | 20°40 | 21°23 | 26°48 | 29°10 | 22° 4 | 1°34 | 0°R21 | 1°31 | 23° 2 | 19°48 | S 4 |
| M 5 | 2 58 33 | 12°54'00 | 22°53 | 29° 9 | 27°10 | 21°19 | 21°29 | 26°54 | 29° 9 | 22° 6 | 1°34 | 0°20 | 1°28 | 23° 9 | 19°47 | M 5 |
| T 6 | 3 2 30 | 13°53'55 | 6♓48 | 0♏46 | 28° 3 | 21°57 | 21°35 | 26°59 | 29° 7 | 22° 8 | 1°34 | 0°18 | 1°25 | 23°16 | 19°46 | T 6 |
| W 7 | 3 6 26 | 14°53'52 | 20°35 | 2°24 | 28°56 | 22°36 | 21°41 | 27° 5 | 29° 6 | 22° 9 | 1°34 | 0°14 | 1°22 | 23°22 | 19°46 | W 7 |
| T 8 | 3 10 23 | 15°53'51 | 4♈11 | 4° 2 | 29°49 | 23°15 | 21°47 | 27°11 | 29° 4 | 22°11 | 1°34 | 0° 8 | 1°19 | 23°29 | 19°45 | T 8 |
| F 9 | 3 14 19 | 16°53'51 | 17°37 | 5°40 | 0♎44 | 23°54 | 21°53 | 27°17 | 29° 3 | 22°12 | 1°34 | 0° 0 | 1°15 | 23°36 | 19°44 | F 9 |
| S 10 | 3 18 16 | 17°53'53 | 0♉49 | 7°18 | 1°39 | 24°33 | 21°58 | 27°23 | 29° 1 | 22°13 | 1°34 | 29♊53 | 1°12 | 23°42 | 19°43 | S 10 |
| S 11 | 3 22 12 | 18°53'57 | 13°47 | 8°57 | 2°34 | 25°12 | 22° 3 | 27°29 | 29° 0 | 22°15 | 1°33 | 29°46 | 1° 9 | 23°49 | 19°42 | S 11 |
| M12 | 3 26 9 | 19°54'02 | 26°30 | 10°35 | 3°31 | 25°51 | 22° 8 | 27°35 | 28°59 | 22°16 | 1°33 | 29°40 | 1° 6 | 23°56 | 19°41 | M12 |
| T 13 | 3 30 6 | 20°54'10 | 8♊59 | 12°14 | 4°27 | 26°29 | 22°13 | 27°41 | 28°58 | 22°18 | 1°33 | 29°36 | 1° 3 | 24° 2 | 19°40 | T 13 |
| W14 | 3 34 2 | 21°54'19 | 21°13 | 13°52 | 5°25 | 27° 8 | 22°18 | 27°47 | 28°57 | 22°19 | 1°32 | 29°34 | 1° 0 | 24° 9 | 19°38 | W14 |
| T 15 | 3 37 59 | 22°54'30 | 3♋16 | 15°30 | 6°23 | 27°47 | 22°23 | 27°53 | 28°55 | 22°20 | 1°32 | 29°D34 | 0°56 | 24°16 | 19°37 | T 15 |
| F 16 | 3 41 55 | 23°54'43 | 15°10 | 17° 8 | 7°21 | 28°26 | 22°27 | 28° 0 | 28°54 | 22°22 | 1°32 | 29°35 | 0°53 | 24°22 | 19°36 | F 16 |
| S 17 | 3 45 52 | 24°54'59 | 26°59 | 18°46 | 8°20 | 29° 5 | 22°32 | 28° 6 | 28°53 | 22°23 | 1°31 | 29°36 | 0°50 | 24°29 | 19°34 | S 17 |
| S 18 | 3 49 48 | 25°55'16 | 8♌47 | 20°23 | 9°19 | 29°44 | 22°36 | 28°12 | 28°52 | 22°24 | 1°31 | 29°38 | 0°47 | 24°36 | 19°32 | S 18 |
| M19 | 3 53 45 | 26°55'35 | 20°39 | 22° 0 | 10°19 | 0♏23 | 22°40 | 28°19 | 28°51 | 22°25 | 1°31 | 29°39 | 0°44 | 24°42 | 19°31 | M19 |
| T 20 | 3 57 42 | 27°55'55 | 2♍41 | 23°37 | 11°19 | 1° 2 | 22°43 | 28°25 | 28°50 | 22°26 | 1°30 | 29°R39 | 0°40 | 24°49 | 19°29 | T 20 |
| W21 | 4 1 38 | 28°56'18 | 14°58 | 25°14 | 12°20 | 1°41 | 22°47 | 28°31 | 28°50 | 22°27 | 1°30 | 29°38 | 0°37 | 24°56 | 19°27 | W21 |
| T 22 | 4 5 35 | 29°56'43 | 27°33 | 26°50 | 13°21 | 2°21 | 22°50 | 28°38 | 28°49 | 22°29 | 1°29 | 29°35 | 0°34 | 25° 2 | 19°25 | T 22 |
| F 23 | 4 9 31 | 0♐57'09 | 10♎30 | 28°26 | 14°23 | 3° 0 | 22°54 | 28°44 | 28°48 | 22°30 | 1°29 | 29°32 | 0°31 | 25° 9 | 19°23 | F 23 |
| S 24 | 4 13 28 | 1°57'38 | 23°52 | 0♐ 2 | 15°25 | 3°39 | 22°57 | 28°51 | 28°47 | 22°31 | 1°28 | 29°27 | 0°28 | 25°16 | 19°21 | S 24 |
| S 25 | 4 17 24 | 2°58'08 | 7♏39 | 1°38 | 16°27 | 4°18 | 22°59 | 28°58 | 28°47 | 22°32 | 1°28 | 29°23 | 0°25 | 25°22 | 19°19 | S 25 |
| M26 | 4 21 21 | 3°58'39 | 21°49 | 3°13 | 17°30 | 4°57 | 23° 2 | 29° 4 | 28°46 | 22°33 | 1°27 | 29°19 | 0°21 | 25°29 | 19°16 | M26 |
| T 27 | 4 25 17 | 4°59'13 | 6♐17 | 4°48 | 18°33 | 5°36 | 23° 5 | 29°11 | 28°45 | 22°34 | 1°26 | 29°17 | 0°18 | 25°36 | 19°14 | T 27 |
| W28 | 4 29 14 | 5°59'48 | 20°58 | 6°23 | 19°37 | 6°15 | 23° 7 | 29°18 | 28°45 | 22°35 | 1°26 | 29°15 | 0°15 | 25°42 | 19°12 | W28 |
| T 29 | 4 33 11 | 7° 0'24 | 5♑43 | 7°58 | 20°40 | 6°54 | 23° 9 | 29°24 | 28°44 | 22°35 | 1°25 | 29°D15 | 0°12 | 25°49 | 19° 9 | T 29 |
| F 30 | 4 37 7 | 8♐ 1'02 | 20♑28 | 9♐32 | 21♎44 | 7♏34 | 23♌11 | 29♐31 | 28♓44 | 22♍36 | 1♌24 | 29♊16 | 0♋ 9 | 25♋56 | 19♋ 6 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s26 | 22s57 | 0n22 | 6s59 | 2n 3 | 1n48 | 0s43 | 6s31 | 0n52 | 14n57 | 0n32 | 22s17 | 1n 3 | 1s 1 | 0s47 | 4n 2 | 0n57 | 20n59 | 1n15 | 23n23 | 23n22 | 23n18 | 14n54 | 7s 6 |
| F 2 | 14 45 | 23 53 | 0s54 | 7 34 | 2 1 | 1 36 | 0 35 | 6 46 | 0 51 | 14 56 | 0 33 | 22 18 | 1 3 | 1 2 | 0 47 | 4 2 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 18 | 14 53 | 7 6 |
| S 3 | 15 4 | 23 14 | 2 8 | 8 10 | 1 59 | 1 23 | 0 27 | 7 1 | 0 51 | 14 54 | 0 33 | 22 18 | 1 3 | 1 2 | 0 47 | 4 1 | 0 57 | 20 59 | 1 15 | 23 23 | 23 22 | 23 17 | 14 53 | 7 7 |
| S 4 | 15 22 | 21 6 | 3 13 | 8 47 | 1 56 | 1 10 | 0 20 | 7 16 | 0 51 | 14 52 | 0 33 | 22 18 | 1 2 | 1 3 | 0 47 | 4 1 | 0 57 | 20 59 | 1 16 | 23 23 | 23 22 | 23 17 | 14 52 | 7 8 |
| M 5 | 15 40 | 17 43 | 4 5 | 9 24 | 1 52 | 0 56 | 0 12 | 7 31 | 0 50 | 14 50 | 0 33 | 22 19 | 1 2 | 1 3 | 0 47 | 4 0 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 17 | 14 52 | 7 8 |
| T 6 | 15 58 | 13 23 | 4 43 | 10 2 | 1 48 | 0 42 | 0 5 | 7 45 | 0 50 | 14 48 | 0 33 | 22 19 | 1 2 | 1 4 | 0 47 | 3 59 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 17 | 14 51 | 7 9 |
| W 7 | 16 16 | 8 23 | 5 4 | 10 40 | 1 43 | 0 27 | 0n 2 | 8 0 | 0 50 | 14 46 | 0 34 | 22 19 | 1 2 | 1 4 | 0 47 | 3 59 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 16 | 14 51 | 7 10 |
| T 8 | 16 34 | 3 3 | 5 8 | 11 18 | 1 38 | 0 12 | 0 9 | 8 15 | 0 49 | 14 45 | 0 34 | 22 19 | 1 2 | 1 5 | 0 47 | 3 58 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 16 | 14 50 | 7 10 |
| F 9 | 16 51 | 2n21 | 4 54 | 11 55 | 1 32 | 0s 3 | 0 16 | 8 29 | 0 49 | 14 43 | 0 34 | 22 20 | 1 2 | 1 6 | 0 47 | 3 58 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 16 | 14 50 | 7 11 |
| S 10 | 17 8 | 7 35 | 4 25 | 12 33 | 1 27 | 0 19 | 0 22 | 8 44 | 0 49 | 14 42 | 0 34 | 22 20 | 1 2 | 1 6 | 0 47 | 3 57 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 15 | 14 49 | 7 12 |
| S 11 | 17 24 | 12 23 | 3 43 | 13 10 | 1 21 | 0 35 | 0 29 | 8 58 | 0 48 | 14 40 | 0 34 | 22 20 | 1 1 | 1 7 | 0 47 | 3 57 | 0 57 | 21 0 | 1 16 | 23 23 | 23 23 | 23 15 | 14 49 | 7 12 |
| M12 | 17 40 | 16 34 | 2 50 | 13 47 | 1 15 | 0 52 | 0 35 | 9 13 | 0 48 | 14 39 | 0 35 | 22 20 | 1 1 | 1 7 | 0 47 | 3 56 | 0 57 | 21 1 | 1 16 | 23 23 | 23 23 | 23 14 | 14 48 | 7 13 |
| T 13 | 17 56 | 19 56 | 1 50 | 14 23 | 1 9 | 1 9 | 0 41 | 9 27 | 0 48 | 14 37 | 0 35 | 22 21 | 1 1 | 1 7 | 0 47 | 3 56 | 0 57 | 21 1 | 1 16 | 23 23 | 23 23 | 23 14 | 14 48 | 7 13 |
| W14 | 18 12 | 22 20 | 0 45 | 14 59 | 1 2 | 1 26 | 0 47 | 9 42 | 0 47 | 14 36 | 0 35 | 22 21 | 1 1 | 1 8 | 0 46 | 3 55 | 0 57 | 21 1 | 1 17 | 23 23 | 23 23 | 23 14 | 14 47 | 7 14 |
| T 15 | 18 27 | 23 41 | 0n20 | 15 34 | 0 56 | 1 44 | 0 52 | 9 56 | 0 47 | 14 34 | 0 35 | 22 21 | 1 1 | 1 8 | 0 46 | 3 55 | 0 57 | 21 1 | 1 17 | 23 23 | 23 23 | 23 13 | 14 47 | 7 15 |
| F 16 | 18 42 | 23 55 | 1 24 | 16 8 | 0 49 | 2 2 | 0 58 | 10 10 | 0 47 | 14 33 | 0 35 | 22 21 | 1 1 | 1 9 | 0 46 | 3 54 | 0 57 | 21 1 | 1 17 | 23 23 | 23 23 | 23 13 | 14 46 | 7 15 |
| S 17 | 18 57 | 23 4 | 2 24 | 16 41 | 0 42 | 2 20 | 1 3 | 10 24 | 0 46 | 14 32 | 0 36 | 22 21 | 1 1 | 1 9 | 0 46 | 3 54 | 0 57 | 21 1 | 1 17 | 23 23 | 23 23 | 23 13 | 14 46 | 7 16 |
| S 18 | 19 11 | 21 13 | 3 18 | 17 14 | 0 35 | 2 38 | 1 8 | 10 38 | 0 46 | 14 31 | 0 36 | 22 22 | 1 1 | 1 9 | 0 46 | 3 53 | 0 58 | 21 2 | 1 17 | 23 23 | 23 23 | 23 12 | 14 46 | 7 17 |
| M19 | 19 25 | 18 26 | 4 4 | 17 46 | 0 29 | 2 57 | 1 13 | 10 52 | 0 46 | 14 30 | 0 36 | 22 22 | 1 1 | 1 10 | 0 46 | 3 53 | 0 58 | 21 2 | 1 17 | 23 23 | 23 23 | 23 12 | 14 45 | 7 17 |
| T 20 | 19 39 | 14 50 | 4 40 | 18 17 | 0 22 | 3 16 | 1 18 | 11 6 | 0 45 | 14 29 | 0 36 | 22 22 | 1 0 | 1 10 | 0 46 | 3 53 | 0 58 | 21 2 | 1 17 | 23 23 | 23 23 | 23 11 | 14 45 | 7 18 |
| W21 | 19 53 | 10 34 | 5 3 | 18 47 | 0 15 | 3 36 | 1 23 | 11 20 | 0 45 | 14 28 | 0 36 | 22 22 | 1 0 | 1 10 | 0 46 | 3 52 | 0 58 | 21 2 | 1 17 | 23 23 | 23 23 | 23 11 | 14 45 | 7 18 |
| T 22 | 20 5 | 5 46 | 5 13 | 19 16 | 0 8 | 3 55 | 1 27 | 11 34 | 0 44 | 14 27 | 0 37 | 22 22 | 1 0 | 1 11 | 0 46 | 3 52 | 0 58 | 21 2 | 1 17 | 23 23 | 23 23 | 23 11 | 14 44 | 7 19 |
| F 23 | 20 18 | 0 34 | 5 8 | 19 45 | 0 1 | 4 15 | 1 32 | 11 48 | 0 44 | 14 26 | 0 37 | 22 23 | 1 0 | 1 11 | 0 46 | 3 51 | 0 58 | 21 3 | 1 17 | 23 23 | 23 23 | 23 10 | 14 44 | 7 19 |
| S 24 | 20 30 | 4s49 | 4 46 | 20 12 | 0s 6 | 4 35 | 1 36 | 12 1 | 0 44 | 14 25 | 0 37 | 22 23 | 1 0 | 1 11 | 0 46 | 3 51 | 0 58 | 21 3 | 1 17 | 23 23 | 23 23 | 23 10 | 14 44 | 7 20 |
| S 25 | 20 42 | 10 8 | 4 7 | 20 38 | 0 12 | 4 55 | 1 40 | 12 15 | 0 43 | 14 25 | 0 37 | 22 23 | 1 0 | 1 11 | 0 46 | 3 51 | 0 58 | 21 3 | 1 18 | 23 23 | 23 23 | 23 9 | 14 43 | 7 21 |
| M26 | 20 54 | 15 5 | 3 12 | 21 4 | 0 19 | 5 16 | 1 44 | 12 28 | 0 43 | 14 24 | 0 38 | 22 23 | 1 0 | 1 12 | 0 46 | 3 50 | 0 58 | 21 3 | 1 18 | 23 23 | 23 23 | 23 9 | 14 43 | 7 21 |
| T 27 | 21 5 | 19 17 | 2 3 | 21 28 | 0 26 | 5 36 | 1 47 | 12 42 | 0 42 | 14 23 | 0 38 | 22 23 | 1 0 | 1 12 | 0 46 | 3 50 | 0 58 | 21 3 | 1 18 | 23 23 | 23 23 | 23 8 | 14 43 | 7 22 |
| W28 | 21 15 | 22 19 | 0 46 | 21 51 | 0 32 | 5 57 | 1 51 | 12 55 | 0 42 | 14 23 | 0 38 | 22 23 | 1 0 | 1 12 | 0 46 | 3 50 | 0 58 | 21 4 | 1 18 | 23 23 | 23 23 | 23 8 | 14 43 | 7 22 |
| T 29 | 21 26 | 23 51 | 0s36 | 22 13 | 0 39 | 6 17 | 1 54 | 13 8 | 0 42 | 14 22 | 0 38 | 22 23 | 0 59 | 1 12 | 0 46 | 3 49 | 0 58 | 21 4 | 1 18 | 23 23 | 23 23 | 23 7 | 14 43 | 7 23 |
| F 30 | 21s36 | 23s43 | 1s54 | 22s34 | 0s45 | 6s38 | 1n57 | 13s21 | 0n41 | 14n22 | 0n38 | 22s24 | 0n59 | 1s12 | 0s46 | 3n49 | 0n58 | 21n 4 | 1n18 | 23n23 | 23n23 | 23n 7 | 14n42 | 7s23 |

Julian Day Number = 2608538.5, Delta T = 10m06s
Ecliptic obliquity = 23°23'00, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'00, Lahiri = 29°52'01


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# ASTRODIENST EPHEMERIS for the year 2429
# geocentric

## DECEMBER 2429 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 41 4 | 9♐ 1'41 | 5♒ 4 | 11♐ 7 | 22♎49 | 8♏13 | 23♌13 | 29♐38 | 28°R44 | 22♍37 | 1°R24 | 29♊18 | 0♋ 6 | 26♋ 2 | 19°R 4 | S 1 |
| S 2 | 4 45 0 | 10° 2'21 | 19°28 | 12°41 | 23°54 | 8°52 | 23°14 | 29°45 | 28♓43 | 22°38 | 1♌23 | 29°19 | 0° 2 | 26° 9 | 19♋ 1 | S 2 |
| M 3 | 4 48 57 | 11° 3'02 | 3♓37 | 14°15 | 24°59 | 9°31 | 23°15 | 29°51 | 28°43 | 22°39 | 1°22 | 29°20 | 29♊59 | 26°16 | 18°58 | M 3 |
| T 4 | 4 52 53 | 12° 3'44 | 17°30 | 15°49 | 26° 4 | 10°11 | 23°16 | 29°58 | 28°43 | 22°39 | 1°21 | 29°R20 | 29°56 | 26°22 | 18°55 | T 4 |
| W 5 | 4 56 50 | 13° 4'26 | 1♈ 5 | 17°23 | 27° 9 | 10°50 | 23°17 | 0♉ 5 | 28°43 | 22°40 | 1°21 | 29°19 | 29°53 | 26°29 | 18°53 | W 5 |
| T 6 | 5 0 46 | 14° 5'10 | 14°24 | 18°56 | 28°15 | 11°29 | 23°18 | 0°12 | 28°43 | 22°41 | 1°20 | 29°17 | 29°50 | 26°36 | 18°50 | T 6 |
| F 7 | 5 4 43 | 15° 5'55 | 27°28 | 20°30 | 29°21 | 12° 9 | 23°19 | 0°19 | 28°42 | 22°41 | 1°19 | 29°16 | 29°46 | 26°42 | 18°46 | F 7 |
| S 8 | 5 8 40 | 16° 6'41 | 10♉17 | 22° 4 | 0♏28 | 12°48 | 23°19 | 0°26 | 28°D42 | 22°42 | 1°18 | 29°14 | 29°43 | 26°49 | 18°43 | S 8 |
| S 9 | 5 12 36 | 17° 7'28 | 22°54 | 23°37 | 1°34 | 13°27 | 23°R19 | 0°33 | 28°43 | 22°42 | 1°17 | 29°12 | 29°40 | 26°56 | 18°40 | S 9 |
| M10 | 5 16 33 | 18° 8'16 | 5♊18 | 25°11 | 2°41 | 14° 7 | 23°19 | 0°40 | 28°43 | 22°43 | 1°16 | 29°10 | 29°37 | 27° 2 | 18°37 | M10 |
| T 11 | 5 20 29 | 19° 9'05 | 17°32 | 26°44 | 3°48 | 14°46 | 23°19 | 0°47 | 28°43 | 22°43 | 1°16 | 29° 9 | 29°34 | 27° 9 | 18°34 | T 11 |
| W12 | 5 24 26 | 20° 9'55 | 29°36 | 28°17 | 4°55 | 15°25 | 23°18 | 0°54 | 28°43 | 22°44 | 1°15 | 29°D 9 | 29°31 | 27°15 | 18°30 | W12 |
| T 13 | 5 28 22 | 21°10'47 | 11♋33 | 29°51 | 6° 3 | 16° 5 | 23°18 | 1° 1 | 28°43 | 22°44 | 1°14 | 29° 9 | 29°27 | 27°22 | 18°27 | T 13 |
| F 14 | 5 32 19 | 22°11'39 | 23°24 | 1♉24 | 7°10 | 16°44 | 23°17 | 1° 8 | 28°43 | 22°45 | 1°13 | 29°10 | 29°24 | 27°29 | 18°23 | F 14 |
| S 15 | 5 36 15 | 23°12'33 | 5♌12 | 2°57 | 8°18 | 17°24 | 23°16 | 1°15 | 28°44 | 22°45 | 1°12 | 29°11 | 29°21 | 27°35 | 18°20 | S 15 |
| S 16 | 5 40 12 | 24°13'27 | 17° 1 | 4°31 | 9°26 | 18° 3 | 23°15 | 1°22 | 28°44 | 22°45 | 1°11 | 29°11 | 29°18 | 27°42 | 18°16 | S 16 |
| M17 | 5 44 9 | 25°14'23 | 28°53 | 6° 4 | 10°35 | 18°42 | 23°13 | 1°29 | 28°45 | 22°46 | 1°10 | 29°12 | 29°15 | 27°49 | 18°13 | M17 |
| T 18 | 5 48 5 | 26°15'20 | 10♍54 | 7°37 | 11°43 | 19°22 | 23°12 | 1°36 | 28°45 | 22°46 | 1° 9 | 29°12 | 29°12 | 27°55 | 18° 9 | T 18 |
| W19 | 5 52 2 | 27°16'18 | 23° 7 | 9°10 | 12°52 | 20° 2 | 23°10 | 1°43 | 28°46 | 22°46 | 1° 8 | 29°R12 | 29° 8 | 28° 2 | 18° 5 | W19 |
| T 20 | 5 55 58 | 28°17'17 | 5♎37 | 10°43 | 14° 1 | 20°41 | 23° 8 | 1°50 | 28°46 | 22°46 | 1° 7 | 29°12 | 29° 5 | 28° 9 | 18° 2 | T 20 |
| F 21 | 5 59 55 | 29°18'17 | 18°29 | 12°16 | 15°10 | 21°21 | 23° 6 | 1°57 | 28°47 | 22°46 | 1° 6 | 29°D12 | 29° 2 | 28°15 | 17°58 | F 21 |
| S 22 | 6 3 51 | 0♉19'18 | 1♏45 | 13°48 | 16°19 | 22° 0 | 23° 3 | 2° 4 | 28°48 | 22°47 | 1° 5 | 29°12 | 28°59 | 28°22 | 17°54 | S 22 |
| S 23 | 6 7 48 | 1°20'20 | 15°28 | 15°21 | 17°28 | 22°40 | 23° 1 | 2°11 | 28°48 | 22°47 | 1° 3 | 29°13 | 28°56 | 28°29 | 17°50 | S 23 |
| M24 | 6 11 44 | 2°21'24 | 29°38 | 16°53 | 18°38 | 23°19 | 22°58 | 2°18 | 28°49 | 22°47 | 1° 2 | 29°13 | 28°52 | 28°35 | 17°46 | M24 |
| T 25 | 6 15 41 | 3°22'28 | 14♐13 | 18°24 | 19°48 | 23°59 | 22°55 | 2°25 | 28°50 | 22°R47 | 1° 1 | 29°13 | 28°49 | 28°42 | 17°43 | T 25 |
| W26 | 6 19 38 | 4°23'33 | 29° 6 | 19°55 | 20°57 | 24°39 | 22°52 | 2°32 | 28°51 | 22°47 | 1° 0 | 29°R13 | 28°46 | 28°49 | 17°39 | W26 |
| T 27 | 6 23 34 | 5°24'38 | 14♉12 | 21°25 | 22° 7 | 25°18 | 22°48 | 2°39 | 28°52 | 22°47 | 0°59 | 29°13 | 28°43 | 28°55 | 17°35 | T 27 |
| F 28 | 6 27 31 | 6°25'44 | 29°20 | 22°55 | 23°18 | 25°58 | 22°45 | 2°46 | 28°53 | 22°47 | 0°58 | 29°13 | 28°40 | 29° 2 | 17°31 | F 28 |
| S 29 | 6 31 27 | 7°26'51 | 14♒21 | 24°23 | 24°28 | 26°38 | 22°41 | 2°54 | 28°54 | 22°46 | 0°57 | 29°12 | 28°37 | 29° 9 | 17°27 | S 29 |
| S 30 | 6 35 24 | 8°27'57 | 29° 8 | 25°51 | 25°38 | 27°17 | 22°37 | 3° 1 | 28°55 | 22°46 | 0°55 | 29°11 | 28°33 | 29°15 | 17°23 | S 30 |
| M31 | 6 39 20 | 9♉29'04 | 13♓34 | 27♉17 | 26♏49 | 27♏57 | 22♌33 | 3♉ 8 | 28♓56 | 22♍46 | 0♌54 | 29♊10 | 28♊30 | 29♋22 | 17♋19 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s45 | 21s57 | 3s 5 | 22s54 | 0s51 | 6s59 | 2n 0 | 13s34 | 0n41 | 14n22 | 0n39 | 22s24 | 0n59 | 1s12 | 0s46 | 3n49 | 0n58 | 21n 4 | 1n18 | 23n23 | 23n23 | 23n 6 | 14n42 | 7s24 |
| S 2 | 21 54 | 18 47 | 4 3 | 23 13 | 0 57 | 7 20 | 2 3 | 13 47 | 0 40 | 14 21 | 0 39 | 22 24 | 0 59 | 1 12 | 0 46 | 3 48 | 0 58 | 21 5 | 1 18 | 23 23 | 23 23 | 23 6 | 14 42 | 7 24 |
| M 3 | 22 3 | 14 35 | 4 45 | 23 30 | 1 3 | 7 41 | 2 6 | 14 0 | 0 40 | 14 21 | 0 39 | 22 24 | 0 59 | 1 13 | 0 46 | 3 48 | 0 58 | 21 5 | 1 18 | 23 23 | 23 23 | 23 5 | 14 42 | 7 25 |
| T 4 | 22 11 | 9 41 | 5 10 | 23 46 | 1 9 | 8 3 | 2 9 | 14 13 | 0 39 | 14 21 | 0 39 | 22 24 | 0 59 | 1 13 | 0 46 | 3 48 | 0 58 | 21 5 | 1 18 | 23 23 | 23 23 | 23 5 | 14 42 | 7 25 |
| W 5 | 22 19 | 4 24 | 5 16 | 24 1 | 1 14 | 8 24 | 2 11 | 14 25 | 0 39 | 14 21 | 0 40 | 22 24 | 0 59 | 1 13 | 0 46 | 3 48 | 0 58 | 21 5 | 1 18 | 23 23 | 23 23 | 23 4 | 14 42 | 7 26 |
| T 6 | 22 26 | 0n58 | 5 5 | 24 15 | 1 20 | 8 45 | 2 13 | 14 38 | 0 39 | 14 21 | 0 40 | 22 24 | 0 59 | 1 13 | 0 46 | 3 47 | 0 58 | 21 6 | 1 19 | 23 23 | 23 23 | 23 4 | 14 42 | 7 26 |
| F 7 | 22 33 | 6 12 | 4 39 | 24 28 | 1 25 | 9 6 | 2 16 | 14 50 | 0 38 | 14 21 | 0 40 | 22 24 | 0 59 | 1 13 | 0 46 | 3 47 | 0 58 | 21 6 | 1 19 | 23 23 | 23 23 | 23 3 | 14 42 | 7 27 |
| S 8 | 22 40 | 11 5 | 3 59 | 24 39 | 1 30 | 9 27 | 2 18 | 15 3 | 0 38 | 14 21 | 0 40 | 22 24 | 0 59 | 1 13 | 0 46 | 3 47 | 0 58 | 21 6 | 1 19 | 23 23 | 23 23 | 23 3 | 14 42 | 7 27 |
| S 9 | 22 46 | 15 25 | 3 8 | 24 49 | 1 35 | 9 49 | 2 19 | 15 15 | 0 37 | 14 21 | 0 40 | 22 24 | 0 59 | 1 13 | 0 46 | 3 47 | 0 58 | 21 6 | 1 19 | 23 23 | 23 23 | 23 2 | 14 42 | 7 28 |
| M10 | 22 51 | 19 2 | 2 9 | 24 58 | 1 40 | 10 10 | 2 21 | 15 27 | 0 37 | 14 21 | 0 41 | 22 24 | 0 59 | 1 12 | 0 45 | 3 47 | 0 58 | 21 7 | 1 19 | 23 23 | 23 23 | 23 2 | 14 42 | 7 28 |
| T 11 | 22 56 | 21 44 | 1 4 | 25 5 | 1 44 | 10 31 | 2 23 | 15 39 | 0 36 | 14 22 | 0 41 | 22 24 | 0 58 | 1 12 | 0 45 | 3 47 | 0 58 | 21 7 | 1 19 | 23 23 | 23 23 | 23 1 | 14 42 | 7 28 |
| W12 | 23 1 | 23 25 | 0n 2 | 25 11 | 1 49 | 10 52 | 2 24 | 15 51 | 0 36 | 14 22 | 0 41 | 22 24 | 0 58 | 1 12 | 0 45 | 3 46 | 0 59 | 21 7 | 1 19 | 23 23 | 23 23 | 23 1 | 14 42 | 7 29 |
| T 13 | 23 5 | 24 1 | 1 8 | 25 16 | 1 53 | 11 13 | 2 26 | 16 3 | 0 35 | 14 22 | 0 41 | 22 25 | 0 58 | 1 12 | 0 45 | 3 46 | 0 59 | 21 8 | 1 19 | 23 23 | 23 23 | 23 0 | 14 42 | 7 29 |
| F 14 | 23 9 | 23 30 | 2 11 | 25 19 | 1 56 | 11 34 | 2 27 | 16 14 | 0 35 | 14 23 | 0 42 | 22 25 | 0 58 | 1 12 | 0 45 | 3 46 | 0 59 | 21 8 | 1 19 | 23 23 | 23 23 | 23 0 | 14 42 | 7 30 |
| S 15 | 23 13 | 21 57 | 3 7 | 25 21 | 2 0 | 11 54 | 2 28 | 16 26 | 0 34 | 14 23 | 0 42 | 22 25 | 0 58 | 1 12 | 0 45 | 3 46 | 0 59 | 21 8 | 1 19 | 23 23 | 23 23 | 22 59 | 14 42 | 7 30 |
| S 16 | 23 15 | 19 27 | 3 56 | 25 21 | 2 3 | 12 15 | 2 29 | 16 37 | 0 34 | 14 24 | 0 42 | 22 25 | 0 58 | 1 12 | 0 45 | 3 46 | 0 59 | 21 8 | 1 19 | 23 23 | 23 23 | 22 59 | 14 42 | 7 30 |
| M17 | 23 18 | 16 7 | 4 35 | 25 20 | 2 6 | 12 36 | 2 30 | 16 49 | 0 33 | 14 25 | 0 42 | 22 25 | 0 58 | 1 11 | 0 45 | 3 46 | 0 59 | 21 9 | 1 20 | 23 23 | 23 23 | 22 58 | 14 42 | 7 31 |
| T 18 | 23 20 | 12 7 | 5 2 | 25 18 | 2 8 | 12 56 | 2 30 | 17 0 | 0 33 | 14 25 | 0 42 | 22 25 | 0 58 | 1 11 | 0 45 | 3 46 | 0 59 | 21 9 | 1 20 | 23 23 | 23 23 | 22 57 | 14 42 | 7 31 |
| W19 | 23 21 | 7 34 | 5 16 | 25 14 | 2 11 | 13 16 | 2 31 | 17 11 | 0 32 | 14 26 | 0 43 | 22 25 | 0 58 | 1 11 | 0 45 | 3 46 | 0 59 | 21 9 | 1 20 | 23 23 | 23 23 | 22 57 | 14 42 | 7 31 |
| T 20 | 23 22 | 2 37 | 5 16 | 25 9 | 2 12 | 13 36 | 2 31 | 17 22 | 0 32 | 14 27 | 0 43 | 22 24 | 0 58 | 1 11 | 0 45 | 3 46 | 0 59 | 21 10 | 1 20 | 23 23 | 23 23 | 22 56 | 14 43 | 7 32 |
| F 21 | 23 23 | 2s36 | 5 0 | 25 2 | 2 14 | 13 56 | 2 31 | 17 33 | 0 31 | 14 28 | 0 43 | 22 24 | 0 58 | 1 10 | 0 45 | 3 46 | 0 59 | 21 10 | 1 20 | 23 23 | 23 23 | 22 56 | 14 43 | 7 32 |
| S 22 | 23 23 | 7 51 | 4 28 | 24 54 | 2 15 | 14 15 | 2 32 | 17 44 | 0 31 | 14 29 | 0 43 | 22 24 | 0 58 | 1 10 | 0 45 | 3 46 | 0 59 | 21 10 | 1 20 | 23 23 | 23 23 | 22 55 | 14 43 | 7 32 |
| S 23 | 23 23 | 12 55 | 3 40 | 24 45 | 2 15 | 14 35 | 2 32 | 17 54 | 0 30 | 14 30 | 0 44 | 22 24 | 0 58 | 1 10 | 0 45 | 3 46 | 0 59 | 21 11 | 1 20 | 23 23 | 23 23 | 22 54 | 14 43 | 7 32 |
| M24 | 23 22 | 17 28 | 2 37 | 24 34 | 2 15 | 14 54 | 2 32 | 18 5 | 0 30 | 14 31 | 0 44 | 22 24 | 0 57 | 1 9 | 0 45 | 3 46 | 0 59 | 21 11 | 1 20 | 23 23 | 23 23 | 22 54 | 14 43 | 7 33 |
| T 25 | 23 20 | 21 5 | 1 23 | 24 21 | 2 15 | 15 13 | 2 31 | 18 15 | 0 29 | 14 32 | 0 44 | 22 24 | 0 57 | 1 9 | 0 45 | 3 46 | 0 59 | 21 11 | 1 20 | 23 23 | 23 23 | 22 53 | 14 44 | 7 33 |
| W26 | 23 19 | 23 22 | 0 1 | 24 7 | 2 14 | 15 31 | 2 31 | 18 25 | 0 29 | 14 34 | 0 44 | 22 24 | 0 57 | 1 9 | 0 45 | 3 46 | 0 59 | 21 12 | 1 20 | 23 23 | 23 23 | 22 53 | 14 44 | 7 33 |
| T 27 | 23 16 | 24 0 | 1s22 | 23 52 | 2 13 | 15 50 | 2 31 | 18 35 | 0 28 | 14 35 | 0 44 | 22 24 | 0 57 | 1 8 | 0 45 | 3 46 | 0 59 | 21 12 | 1 20 | 23 23 | 23 23 | 22 52 | 14 44 | 7 33 |
| F 28 | 23 14 | 22 51 | 2 40 | 23 35 | 2 11 | 16 8 | 2 30 | 18 45 | 0 28 | 14 36 | 0 45 | 22 24 | 0 57 | 1 8 | 0 45 | 3 46 | 0 59 | 21 12 | 1 20 | 23 23 | 23 23 | 22 51 | 14 44 | 7 34 |
| S 29 | 23 10 | 20 5 | 3 45 | 23 17 | 2 8 | 16 25 | 2 30 | 18 55 | 0 27 | 14 38 | 0 45 | 22 24 | 0 57 | 1 7 | 0 45 | 3 46 | 0 59 | 21 13 | 1 21 | 23 23 | 23 23 | 22 51 | 14 45 | 7 34 |
| S 30 | 23 7 | 16 2 | 4 35 | 22 58 | 2 5 | 16 43 | 2 29 | 19 5 | 0 27 | 14 39 | 0 45 | 22 24 | 0 57 | 1 7 | 0 45 | 3 46 | 0 59 | 21 13 | 1 21 | 23 23 | 23 23 | 22 50 | 14 45 | 7 34 |
| M31 | 23s 3 | 11s 9 | 5s 6 | 22s38 | 2s 1 | 17s 0 | 2n28 | 19s14 | 0n26 | 14n41 | 0n45 | 22s24 | 0n57 | 1s 6 | 0s45 | 3n46 | 0n59 | 21n13 | 1n21 | 23n23 | 23n22 | 22n49 | 14n45 | 7s34 |

Julian Day Number = 2608568.5, Delta T = 10m06s
Ecliptic obliquity = 23°23'00, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'04, Lahiri = 29°52'05


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## JANUARY 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 43 17 | 10♑30'11 | 27♓36 | 28♑41 | 27♏59 | 28♏37 | 22°R29 | 3♑15 | 28♓58 | 22°R46 | 0°R53 | 29°R 9 | 28♊27 | 29♋29 | 17°R14 | T 1 |
| W 2 | 6 47 13 | 11°31'17 | 11♈13 | 0♒ 3 | 29°10 | 29°16 | 22♎24 | 3°22 | 28°59 | 22♍46 | 0♎52 | 29°D 8 | 28°24 | 29°35 | 17♋10 | W 2 |
| T 3 | 6 51 10 | 12°32'24 | 24°27 | 1°23 | 0♐21 | 29°56 | 22°20 | 3°29 | 29° 0 | 22°45 | 0°51 | 29♊ 9 | 28°21 | 29°42 | 17° 6 | T 3 |
| F 4 | 6 55 7 | 13°33'31 | 7♉20 | 2°40 | 1°32 | 0♐36 | 22°15 | 3°36 | 29° 1 | 22°45 | 0°49 | 29°10 | 28°18 | 29°49 | 17° 2 | F 4 |
| S 5 | 6 59 3 | 14°34'38 | 19°55 | 3°53 | 2°43 | 1°16 | 22°10 | 3°43 | 29° 3 | 22°45 | 0°48 | 29°11 | 28°14 | 29°55 | 16°58 | S 5 |
| S 6 | 7 3 0 | 15°35'45 | 2♊16 | 5° 3 | 3°54 | 1°56 | 22° 5 | 3°50 | 29° 4 | 22°44 | 0°47 | 29°12 | 28°11 | 0♌ 2 | 16°54 | S 6 |
| M 7 | 7 6 56 | 16°36'52 | 14°25 | 6° 8 | 5° 5 | 2°35 | 22° 0 | 3°57 | 29° 6 | 22°44 | 0°46 | 29°14 | 28° 8 | 0° 9 | 16°50 | M 7 |
| T 8 | 7 10 53 | 17°37'59 | 26°25 | 7° 7 | 6°16 | 3°15 | 21°54 | 4° 4 | 29° 7 | 22°43 | 0°44 | 29°R14 | 28° 5 | 0°15 | 16°46 | T 8 |
| W 9 | 7 14 49 | 18°39'06 | 8♋20 | 8° 1 | 7°28 | 3°55 | 21°49 | 4°11 | 29° 9 | 22°43 | 0°43 | 29°14 | 28° 2 | 0°22 | 16°42 | W 9 |
| T 10 | 7 18 46 | 19°40'13 | 20°11 | 8°47 | 8°39 | 4°35 | 21°43 | 4°18 | 29°11 | 22°42 | 0°42 | 29°13 | 27°58 | 0°29 | 16°37 | T 10 |
| F 11 | 7 22 43 | 20°41'20 | 2♌ 0 | 9°26 | 9°51 | 5°15 | 21°37 | 4°24 | 29°12 | 22°42 | 0°41 | 29°10 | 27°55 | 0°35 | 16°33 | F 11 |
| S 12 | 7 26 39 | 21°42'27 | 13°50 | 9°56 | 11° 2 | 5°55 | 21°31 | 4°31 | 29°14 | 22°41 | 0°39 | 29° 7 | 27°52 | 0°42 | 16°29 | S 12 |
| S 13 | 7 30 36 | 22°43'34 | 25°42 | 10°17 | 12°14 | 6°35 | 21°25 | 4°38 | 29°16 | 22°40 | 0°38 | 29° 3 | 27°49 | 0°49 | 16°25 | S 13 |
| M14 | 7 34 32 | 23°44'41 | 7♍38 | 10°R26 | 13°26 | 7°15 | 21°19 | 4°45 | 29°18 | 22°40 | 0°37 | 28°58 | 27°46 | 0°55 | 16°21 | M14 |
| T 15 | 7 38 29 | 24°45'48 | 19°41 | 10°25 | 14°38 | 7°55 | 21°12 | 4°52 | 29°19 | 22°39 | 0°35 | 28°54 | 27°43 | 1° 2 | 16°17 | T 15 |
| W16 | 7 42 25 | 25°46'55 | 1♎55 | 10°12 | 15°50 | 8°34 | 21° 6 | 4°59 | 29°21 | 22°38 | 0°34 | 28°51 | 27°39 | 1° 9 | 16°13 | W16 |
| T 17 | 7 46 22 | 26°48'02 | 14°23 | 9°48 | 17° 2 | 9°14 | 20°59 | 5° 5 | 29°23 | 22°38 | 0°33 | 28°49 | 27°36 | 1°15 | 16° 9 | T 17 |
| F 18 | 7 50 18 | 27°49'09 | 27° 9 | 9°11 | 18°14 | 9°54 | 20°52 | 5°12 | 29°25 | 22°37 | 0°32 | 28°D48 | 27°33 | 1°22 | 16° 5 | F 18 |
| S 19 | 7 54 15 | 28°50'16 | 10♏15 | 8°24 | 19°26 | 10°34 | 20°45 | 5°19 | 29°27 | 22°36 | 0°30 | 28°48 | 27°30 | 1°29 | 16° 1 | S 19 |
| S 20 | 7 58 12 | 29°51'24 | 23°47 | 7°26 | 20°39 | 11°15 | 20°38 | 5°25 | 29°29 | 22°35 | 0°29 | 28°50 | 27°27 | 1°35 | 15°57 | S 20 |
| M21 | 8 2 8 | 0♒52'31 | 7♐45 | 6°20 | 21°51 | 11°55 | 20°31 | 5°32 | 29°31 | 22°34 | 0°28 | 28°51 | 27°24 | 1°42 | 15°53 | M21 |
| T 22 | 8 6 5 | 1°53'38 | 22° 9 | 5° 8 | 23° 4 | 12°35 | 20°24 | 5°39 | 29°34 | 22°33 | 0°26 | 28°R53 | 27°20 | 1°49 | 15°49 | T 22 |
| W23 | 8 10 1 | 2°54'45 | 6♑58 | 3°51 | 24°16 | 13°15 | 20°17 | 5°45 | 29°36 | 22°32 | 0°25 | 28°53 | 27°17 | 1°55 | 15°45 | W23 |
| T 24 | 8 13 58 | 3°55'52 | 22° 4 | 2°33 | 25°29 | 13°55 | 20° 9 | 5°52 | 29°38 | 22°32 | 0°24 | 28°51 | 27°14 | 2° 2 | 15°41 | T 24 |
| F 25 | 8 17 54 | 4°56'58 | 7♒21 | 1°15 | 26°41 | 14°35 | 20° 2 | 5°58 | 29°40 | 22°31 | 0°22 | 28°47 | 27°11 | 2° 9 | 15°37 | F 25 |
| S 26 | 8 21 51 | 5°58'04 | 22°36 | 29♑59 | 27°54 | 15°15 | 19°54 | 6° 5 | 29°43 | 22°30 | 0°21 | 28°42 | 27° 8 | 2°16 | 15°33 | S 26 |
| S 27 | 8 25 47 | 6°59'09 | 7♓40 | 28°50 | 29° 7 | 15°55 | 19°47 | 6°11 | 29°45 | 22°28 | 0°20 | 28°36 | 27° 4 | 2°22 | 15°30 | S 27 |
| M28 | 8 29 44 | 8° 0'13 | 22°24 | 27°46 | 0♑19 | 16°35 | 19°39 | 6°18 | 29°47 | 22°27 | 0°19 | 28°30 | 27° 1 | 2°29 | 15°26 | M28 |
| T 29 | 8 33 41 | 9° 1'16 | 6♈41 | 26°50 | 1°32 | 17°15 | 19°31 | 6°24 | 29°50 | 22°26 | 0°17 | 28°25 | 26°58 | 2°36 | 15°22 | T 29 |
| W30 | 8 37 37 | 10° 2'18 | 20°29 | 26° 3 | 2°45 | 17°56 | 19°23 | 6°30 | 29°52 | 22°25 | 0°16 | 28°21 | 26°55 | 2°42 | 15°19 | W30 |
| T 31 | 8 41 34 | 11♒ 3'19 | 3♉49 | 25♑25 | 3♑58 | 18♐36 | 19♎16 | 6♑37 | 29♓55 | 22♍24 | 0♎15 | 28♊19 | 26♊52 | 2♌49 | 15♋15 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s58 | 5s48 | 5s17 | 22s16 | 1s56 | 17s17 | 2n27 | 19s23 | 0n26 | 14n42 | 0n46 | 22s24 | 0n57 | 1s 6 | 0s45 | 3n46 | 0n59 | 21n14 | 1n21 | 23n23 | 23n22 | 22n49 | 14n46 | 7s34 |
| W 2 | 22 53 | 0 20 | 5 10 | 21 53 | 1 50 | 17 33 | 2 26 | 19 32 | 0 25 | 14 44 | 0 46 | 22 24 | 0 57 | 1 5 | 0 45 | 3 47 | 0 59 | 21 14 | 1 21 | 23 23 | 23 22 | 22 48 | 14 46 | 7 34 |
| T 3 | 22 48 | 5n 0 | 4 47 | 21 30 | 1 44 | 17 49 | 2 25 | 19 42 | 0 24 | 14 46 | 0 46 | 22 23 | 0 57 | 1 5 | 0 45 | 3 47 | 0 59 | 21 14 | 1 21 | 23 23 | 23 22 | 22 47 | 14 46 | 7 35 |
| F 4 | 22 42 | 9 59 | 4 10 | 21 5 | 1 37 | 18 4 | 2 24 | 19 50 | 0 24 | 14 47 | 0 46 | 22 23 | 0 57 | 1 4 | 0 44 | 3 47 | 0 59 | 21 15 | 1 21 | 23 23 | 23 22 | 22 47 | 14 47 | 7 35 |
| S 5 | 22 35 | 14 27 | 3 21 | 20 40 | 1 29 | 18 20 | 2 22 | 19 59 | 0 23 | 14 49 | 0 46 | 22 23 | 0 57 | 1 3 | 0 44 | 3 47 | 1 0 | 21 15 | 1 21 | 23 23 | 23 22 | 22 46 | 14 47 | 7 35 |
| S 6 | 22 28 | 18 13 | 2 24 | 20 15 | 1 19 | 18 34 | 2 21 | 20 8 | 0 23 | 14 51 | 0 47 | 22 23 | 0 57 | 1 3 | 0 44 | 3 47 | 1 0 | 21 15 | 1 21 | 23 23 | 23 22 | 22 45 | 14 48 | 7 35 |
| M 7 | 22 21 | 21 8 | 1 21 | 19 49 | 1 9 | 18 49 | 2 19 | 20 16 | 0 22 | 14 53 | 0 47 | 22 23 | 0 57 | 1 2 | 0 44 | 3 48 | 1 0 | 21 16 | 1 21 | 23 23 | 23 22 | 22 44 | 14 48 | 7 35 |
| T 8 | 22 13 | 23 5 | 0 16 | 19 23 | 0 58 | 19 2 | 2 18 | 20 24 | 0 22 | 14 55 | 0 47 | 22 23 | 0 57 | 1 2 | 0 44 | 3 48 | 1 0 | 21 16 | 1 21 | 23 23 | 23 22 | 22 44 | 14 48 | 7 35 |
| W 9 | 22 5 | 23 57 | 0n50 | 18 57 | 0 46 | 19 16 | 2 16 | 20 32 | 0 21 | 14 57 | 0 47 | 22 22 | 0 57 | 1 1 | 0 44 | 3 48 | 1 0 | 21 16 | 1 21 | 23 23 | 23 22 | 22 43 | 14 49 | 7 35 |
| T 10 | 21 57 | 23 44 | 1 53 | 18 32 | 0 32 | 19 29 | 2 14 | 20 40 | 0 20 | 14 59 | 0 47 | 22 22 | 0 57 | 1 0 | 0 44 | 3 48 | 1 0 | 21 17 | 1 21 | 23 23 | 23 22 | 22 42 | 14 49 | 7 35 |
| F 11 | 21 48 | 22 27 | 2 51 | 18 8 | 0 18 | 19 41 | 2 12 | 20 48 | 0 20 | 15 1 | 0 48 | 22 22 | 0 57 | 1 0 | 0 44 | 3 49 | 1 0 | 21 17 | 1 22 | 23 23 | 23 22 | 22 42 | 14 50 | 7 35 |
| S 12 | 21 38 | 20 10 | 3 42 | 17 45 | 0 2 | 19 53 | 2 11 | 20 56 | 0 19 | 15 3 | 0 48 | 22 22 | 0 57 | 0 59 | 0 44 | 3 49 | 1 0 | 21 17 | 1 22 | 23 23 | 23 22 | 22 41 | 14 50 | 7 35 |
| S 13 | 21 28 | 17 3 | 4 23 | 17 24 | 0n15 | 20 5 | 2 9 | 21 3 | 0 18 | 15 5 | 0 48 | 22 22 | 0 56 | 0 58 | 0 44 | 3 49 | 1 0 | 21 18 | 1 22 | 23 23 | 23 22 | 22 40 | 14 51 | 7 35 |
| M14 | 21 18 | 13 13 | 4 53 | 17 4 | 0 32 | 20 16 | 2 7 | 21 11 | 0 18 | 15 8 | 0 48 | 22 22 | 0 56 | 0 57 | 0 44 | 3 49 | 1 0 | 21 18 | 1 22 | 23 23 | 23 22 | 22 39 | 14 51 | 7 35 |
| T 15 | 21 7 | 8 49 | 5 10 | 16 47 | 0 50 | 20 26 | 2 4 | 21 18 | 0 17 | 15 10 | 0 48 | 22 21 | 0 56 | 0 57 | 0 44 | 3 50 | 1 0 | 21 19 | 1 22 | 23 23 | 23 22 | 22 39 | 14 52 | 7 35 |
| W16 | 20 56 | 4 2 | 5 13 | 16 32 | 1 9 | 20 36 | 2 2 | 21 25 | 0 17 | 15 12 | 0 49 | 22 21 | 0 56 | 0 56 | 0 44 | 3 50 | 1 0 | 21 19 | 1 22 | 23 23 | 23 22 | 22 38 | 14 52 | 7 35 |
| T 17 | 20 45 | 1s 0 | 5 2 | 16 21 | 1 28 | 20 46 | 2 0 | 21 31 | 0 16 | 15 14 | 0 49 | 22 21 | 0 56 | 0 55 | 0 44 | 3 50 | 1 0 | 21 19 | 1 22 | 23 23 | 23 22 | 22 37 | 14 53 | 7 35 |
| F 18 | 20 33 | 6 8 | 4 36 | 16 12 | 1 46 | 20 55 | 1 58 | 21 38 | 0 15 | 15 17 | 0 49 | 22 21 | 0 56 | 0 54 | 0 44 | 3 51 | 1 0 | 21 20 | 1 22 | 23 23 | 23 22 | 22 36 | 14 53 | 7 35 |
| S 19 | 20 21 | 11 8 | 3 56 | 16 7 | 2 5 | 21 3 | 1 55 | 21 44 | 0 15 | 15 19 | 0 49 | 22 20 | 0 56 | 0 53 | 0 44 | 3 51 | 1 0 | 21 20 | 1 22 | 23 23 | 23 22 | 22 36 | 14 54 | 7 35 |
| S 20 | 20 8 | 15 45 | 3 1 | 16 5 | 2 22 | 21 11 | 1 53 | 21 51 | 0 14 | 15 22 | 0 49 | 22 20 | 0 56 | 0 52 | 0 44 | 3 51 | 1 0 | 21 20 | 1 22 | 23 23 | 23 22 | 22 35 | 14 54 | 7 35 |
| M21 | 19 55 | 19 41 | 1 53 | 16 5 | 2 38 | 21 18 | 1 50 | 21 57 | 0 13 | 15 24 | 0 50 | 22 20 | 0 56 | 0 52 | 0 44 | 3 52 | 1 0 | 21 21 | 1 22 | 23 23 | 23 21 | 22 34 | 14 55 | 7 34 |
| T 22 | 19 42 | 22 32 | 0 37 | 16 9 | 2 53 | 21 25 | 1 48 | 22 3 | 0 13 | 15 26 | 0 50 | 22 20 | 0 56 | 0 51 | 0 44 | 3 52 | 1 0 | 21 21 | 1 22 | 23 23 | 23 21 | 22 33 | 14 56 | 7 34 |
| W23 | 19 28 | 23 56 | 0s44 | 16 15 | 3 5 | 21 31 | 1 45 | 22 8 | 0 12 | 15 29 | 0 50 | 22 19 | 0 56 | 0 50 | 0 44 | 3 53 | 1 0 | 21 21 | 1 22 | 23 23 | 23 21 | 22 32 | 14 56 | 7 34 |
| T 24 | 19 14 | 23 36 | 2 3 | 16 23 | 3 15 | 21 36 | 1 42 | 22 14 | 0 11 | 15 31 | 0 50 | 22 19 | 0 56 | 0 49 | 0 44 | 3 53 | 1 0 | 21 22 | 1 22 | 23 23 | 23 21 | 22 32 | 14 57 | 7 34 |
| F 25 | 18 59 | 21 31 | 3 14 | 16 33 | 3 22 | 21 41 | 1 40 | 22 19 | 0 11 | 15 34 | 0 50 | 22 19 | 0 56 | 0 48 | 0 44 | 3 53 | 1 0 | 21 22 | 1 23 | 23 23 | 23 21 | 22 31 | 14 57 | 7 34 |
| S 26 | 18 44 | 17 54 | 4 11 | 16 44 | 3 27 | 21 45 | 1 37 | 22 24 | 0 10 | 15 36 | 0 50 | 22 19 | 0 56 | 0 47 | 0 44 | 3 54 | 1 0 | 21 22 | 1 23 | 23 23 | 23 21 | 22 30 | 14 58 | 7 34 |
| S 27 | 18 29 | 13 9 | 4 50 | 16 56 | 3 29 | 21 49 | 1 34 | 22 29 | 0 9 | 15 39 | 0 50 | 22 18 | 0 56 | 0 46 | 0 44 | 3 54 | 1 0 | 21 23 | 1 23 | 23 23 | 23 21 | 22 29 | 14 59 | 7 33 |
| M28 | 18 13 | 7 44 | 5 9 | 17 8 | 3 29 | 21 52 | 1 31 | 22 34 | 0 8 | 15 41 | 0 51 | 22 18 | 0 56 | 0 45 | 0 44 | 3 55 | 1 0 | 21 23 | 1 23 | 23 23 | 23 21 | 22 28 | 14 59 | 7 33 |
| T 29 | 17 58 | 2 3 | 5 7 | 17 21 | 3 27 | 21 54 | 1 28 | 22 39 | 0 8 | 15 44 | 0 51 | 22 18 | 0 56 | 0 44 | 0 44 | 3 55 | 1 0 | 21 23 | 1 23 | 23 22 | 23 21 | 22 27 | 15 0 | 7 33 |
| W30 | 17 41 | 3n32 | 4 48 | 17 34 | 3 23 | 21 56 | 1 25 | 22 43 | 0 7 | 15 47 | 0 51 | 22 18 | 0 56 | 0 43 | 0 44 | 3 56 | 1 0 | 21 24 | 1 23 | 23 22 | 23 21 | 22 27 | 15 1 | 7 33 |
| T 31 | 17s25 | 8n47 | 4s13 | 17s46 | 3n17 | 21s57 | 1n22 | 22s48 | 0n 6 | 15n49 | 0n51 | 22s17 | 0n56 | 0s42 | 0s44 | 3n56 | 1n 0 | 21n24 | 1n23 | 23n22 | 23n21 | 22n26 | 15n 1 | 7s32 |

Julian Day Number = 2608599.5, Delta T = 10m07s
Ecliptic obliquity = 23°23'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'08, Lahiri = 29°52'09


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## FEBRUARY 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 45 30 | 12♒ 4'20 | 16♉42 | 24°R56 | 5♑11 | 19♐16 | 19°R 8 | 6♑43 | 29♓57 | 22°R23 | 0°R13 | 28°D19 | 26♊49 | 2♌56 | 15°R11 | F 1 |
| S 2 | 8 49 27 | 13° 5'19 | 29°13 | 24♑36 | 6°24 | 19°56 | 19♌ 0 | 6°49 | 29°59 | 22♍22 | 0♌12 | 28♊20 | 26°45 | 3° 2 | 15♋ 8 | S 2 |
| S 3 | 8 53 23 | 14° 6'17 | 11♊26 | 24°25 | 7°37 | 20°36 | 18°52 | 6°55 | 0♈ 2 | 22°21 | 0°11 | 28°22 | 26°42 | 3° 9 | 15° 4 | S 3 |
| M 4 | 8 57 20 | 15° 7'14 | 23°27 | 24°D22 | 8°50 | 21°17 | 18°44 | 7° 1 | 0° 5 | 22°19 | 0°10 | 28°R23 | 26°39 | 3°16 | 15° 1 | M 4 |
| T 5 | 9 1 16 | 16° 8'10 | 5♋21 | 24°27 | 10° 3 | 21°57 | 18°36 | 7° 7 | 0° 8 | 22°18 | 0° 8 | 28°23 | 26°36 | 3°22 | 14°58 | T 5 |
| W 6 | 9 5 13 | 17° 9'05 | 17° 9 | 24°39 | 11°16 | 22°37 | 18°28 | 7°13 | 0°10 | 22°17 | 0° 7 | 28°21 | 26°33 | 3°29 | 14°55 | W 6 |
| T 7 | 9 9 10 | 18° 9'59 | 28°57 | 24°58 | 12°29 | 23°17 | 18°20 | 7°19 | 0°13 | 22°15 | 0° 6 | 28°16 | 26°30 | 3°36 | 14°51 | T 7 |
| F 8 | 9 13 6 | 19°10'51 | 10♌47 | 25°23 | 13°42 | 23°58 | 18°12 | 7°25 | 0°16 | 22°14 | 0° 5 | 28° 9 | 26°26 | 3°42 | 14°48 | F 8 |
| S 9 | 9 17 3 | 20°11'43 | 22°40 | 25°54 | 14°56 | 24°38 | 18° 4 | 7°31 | 0°19 | 22°13 | 0° 3 | 28° 0 | 26°23 | 3°49 | 14°45 | S 9 |
| S 10 | 9 20 59 | 21°12'34 | 4♍39 | 26°29 | 16° 9 | 25°18 | 17°56 | 7°37 | 0°21 | 22°11 | 0° 2 | 27°50 | 26°20 | 3°56 | 14°42 | S 10 |
| M11 | 9 24 56 | 22°13'23 | 16°44 | 27°10 | 17°22 | 25°59 | 17°48 | 7°42 | 0°24 | 22°10 | 0° 1 | 27°39 | 26°17 | 4° 2 | 14°39 | M11 |
| T 12 | 9 28 52 | 23°14'12 | 28°57 | 27°55 | 18°35 | 26°39 | 17°40 | 7°48 | 0°27 | 22° 9 | 29♋59 | 27°28 | 26°14 | 4° 9 | 14°36 | T 12 |
| W13 | 9 32 49 | 24°14'59 | 11♎19 | 28°43 | 19°49 | 27°19 | 17°32 | 7°54 | 0°30 | 22° 7 | 29°59 | 27°19 | 26°10 | 4°16 | 14°33 | W13 |
| T 14 | 9 36 45 | 25°15'45 | 23°52 | 29°36 | 21° 2 | 28° 0 | 17°24 | 7°59 | 0°33 | 22° 6 | 29°57 | 27°12 | 26° 7 | 4°22 | 14°31 | T 14 |
| F 15 | 9 40 42 | 26°16'31 | 6♏39 | 0♒31 | 22°16 | 28°40 | 17°16 | 8° 5 | 0°36 | 22° 4 | 29°56 | 27° 8 | 26° 4 | 4°29 | 14°28 | F 15 |
| S 16 | 9 44 39 | 27°17'16 | 19°42 | 1°30 | 23°29 | 29°21 | 17° 9 | 8°10 | 0°39 | 22° 3 | 29°55 | 27° 6 | 26° 1 | 4°36 | 14°25 | S 16 |
| S 17 | 9 48 35 | 28°17'59 | 3♐ 5 | 2°31 | 24°43 | 0♑ 1 | 17° 1 | 8°16 | 0°42 | 22° 1 | 29°54 | 27°D 6 | 25°58 | 4°42 | 14°23 | S 17 |
| M18 | 9 52 32 | 29°18'42 | 16°50 | 3°35 | 25°56 | 0°41 | 16°53 | 8°21 | 0°45 | 22° 0 | 29°53 | 27° 6 | 25°55 | 4°49 | 14°20 | M18 |
| T 19 | 9 56 28 | 0♓19'24 | 0♑58 | 4°41 | 27°10 | 1°22 | 16°46 | 8°26 | 0°48 | 21°58 | 29°52 | 27°R 7 | 25°51 | 4°56 | 14°18 | T 19 |
| W20 | 10 0 25 | 1°20'05 | 15°29 | 5°50 | 28°23 | 2° 2 | 16°38 | 8°31 | 0°51 | 21°57 | 29°51 | 27° 5 | 25°48 | 5° 2 | 14°15 | W20 |
| T 21 | 10 4 21 | 2°20'44 | 0♒20 | 7° 0 | 29°37 | 2°43 | 16°31 | 8°36 | 0°54 | 21°55 | 29°50 | 27° 2 | 25°45 | 5° 9 | 14°13 | T 21 |
| F 22 | 10 8 18 | 3°21'23 | 15°24 | 8°12 | 0♒50 | 3°23 | 16°23 | 8°41 | 0°57 | 21°54 | 29°49 | 26°55 | 25°42 | 5°16 | 14°11 | F 22 |
| S 23 | 10 12 14 | 4°21'59 | 0♓34 | 9°26 | 2° 4 | 4° 4 | 16°16 | 8°46 | 1° 0 | 21°52 | 29°48 | 26°46 | 25°39 | 5°22 | 14° 9 | S 23 |
| S 24 | 10 16 11 | 5°22'35 | 15°39 | 10°42 | 3°18 | 4°44 | 16° 9 | 8°51 | 1° 4 | 21°51 | 29°46 | 26°35 | 25°35 | 5°29 | 14° 7 | S 24 |
| M25 | 10 20 8 | 6°23'09 | 0♈28 | 11°59 | 4°31 | 5°25 | 16° 1 | 8°56 | 1° 7 | 21°49 | 29°45 | 26°25 | 25°32 | 5°36 | 14° 5 | M25 |
| T 26 | 10 24 4 | 7°23'41 | 14°53 | 13°18 | 5°45 | 6° 5 | 15°54 | 9° 1 | 1°10 | 21°47 | 29°44 | 26°15 | 25°29 | 5°42 | 14° 3 | T 26 |
| W27 | 10 28 1 | 8°24'11 | 28°50 | 14°38 | 6°59 | 6°46 | 15°48 | 9° 6 | 1°13 | 21°46 | 29°43 | 26° 7 | 25°26 | 5°49 | 14° 1 | W27 |
| T 28 | 10 31 57 | 9♓24'40 | 12♉17 | 16♒ 0 | 8♒12 | 7♑26 | 15♌41 | 9♑10 | 1♈16 | 21♍44 | 29♋42 | 26♊ 1 | 25♊23 | 5♌56 | 14♋ 0 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s 8 | 13n29 | 3s27 | 17s58 | 3n10 | 21s58 | 1n19 | 22s52 | 0n 5 | 15n52 | 0n51 | 22s17 | 0n56 | 0s41 | 0s44 | 3n57 | 1n 1 | 21n24 | 1n23 | 23n22 | 23n21 | 22n25 | 15n 2 | 7s32 |
| S 2 | 16 51 | 17 28 | 2 31 | 18 10 | 3 2 | 21 58 | 1 16 | 22 55 | 0 5 | 15 54 | 0 51 | 22 17 | 0 56 | 0 40 | 0 43 | 3 57 | 1 1 | 21 25 | 1 23 | 23 22 | 23 21 | 22 24 | 15 2 | 7 32 |
| S 3 | 16 33 | 20 36 | 1 31 | 18 21 | 2 53 | 21 57 | 1 13 | 22 59 | 0 4 | 15 57 | 0 51 | 22 16 | 0 56 | 0 39 | 0 43 | 3 58 | 1 1 | 21 25 | 1 23 | 23 22 | 23 21 | 22 23 | 15 3 | 7 32 |
| M 4 | 16 16 | 22 47 | 0 27 | 18 31 | 2 43 | 21 55 | 1 10 | 23 3 | 0 3 | 16 0 | 0 52 | 22 16 | 0 56 | 0 38 | 0 43 | 3 58 | 1 1 | 21 25 | 1 23 | 23 22 | 23 20 | 22 22 | 15 4 | 7 31 |
| T 5 | 15 58 | 23 54 | 0n38 | 18 41 | 2 32 | 21 53 | 1 7 | 23 6 | 0 2 | 16 2 | 0 52 | 22 16 | 0 56 | 0 37 | 0 43 | 3 59 | 1 1 | 21 26 | 1 23 | 23 22 | 23 20 | 22 21 | 15 4 | 7 31 |
| W 6 | 15 40 | 23 56 | 1 40 | 18 49 | 2 21 | 21 51 | 1 4 | 23 9 | 0 2 | 16 5 | 0 52 | 22 15 | 0 56 | 0 36 | 0 43 | 3 59 | 1 1 | 21 26 | 1 23 | 23 22 | 23 20 | 22 21 | 15 5 | 7 31 |
| T 7 | 15 21 | 22 53 | 2 37 | 18 57 | 2 10 | 21 47 | 1 1 | 23 12 | 0 1 | 16 7 | 0 52 | 22 15 | 0 56 | 0 35 | 0 43 | 4 0 | 1 1 | 21 26 | 1 23 | 23 22 | 23 20 | 22 20 | 15 6 | 7 30 |
| F 8 | 15 2 | 20 49 | 3 28 | 19 4 | 1 59 | 21 43 | 0 58 | 23 15 | 0 0 | 16 10 | 0 52 | 22 15 | 0 56 | 0 33 | 0 43 | 4 0 | 1 1 | 21 27 | 1 23 | 23 22 | 23 20 | 22 19 | 15 6 | 7 30 |
| S 9 | 14 43 | 17 51 | 4 10 | 19 9 | 1 48 | 21 39 | 0 54 | 23 17 | 0s 1 | 16 12 | 0 52 | 22 14 | 0 56 | 0 32 | 0 43 | 4 1 | 1 1 | 21 27 | 1 23 | 23 22 | 23 20 | 22 18 | 15 7 | 7 30 |
| S 10 | 14 24 | 14 8 | 4 41 | 19 14 | 1 36 | 21 34 | 0 51 | 23 19 | 0 1 | 16 15 | 0 52 | 22 14 | 0 56 | 0 31 | 0 43 | 4 1 | 1 1 | 21 27 | 1 23 | 23 22 | 23 20 | 22 17 | 15 8 | 7 29 |
| M11 | 14 4 | 9 49 | 5 0 | 19 17 | 1 25 | 21 28 | 0 48 | 23 22 | 0 2 | 16 18 | 0 52 | 22 14 | 0 56 | 0 30 | 0 43 | 4 2 | 1 1 | 21 28 | 1 24 | 23 22 | 23 20 | 22 16 | 15 8 | 7 29 |
| T 12 | 13 44 | 5 5 | 5 5 | 19 19 | 1 14 | 21 21 | 0 45 | 23 24 | 0 3 | 16 20 | 0 52 | 22 14 | 0 56 | 0 29 | 0 43 | 4 3 | 1 1 | 21 28 | 1 24 | 23 22 | 23 20 | 22 15 | 15 9 | 7 28 |
| W13 | 13 24 | 0 5 | 4 56 | 19 21 | 1 3 | 21 14 | 0 42 | 23 25 | 0 4 | 16 23 | 0 53 | 22 13 | 0 56 | 0 28 | 0 43 | 4 3 | 1 1 | 21 28 | 1 24 | 23 21 | 23 20 | 22 14 | 15 10 | 7 28 |
| T 14 | 13 4 | 5s 0 | 4 33 | 19 20 | 0 52 | 21 6 | 0 39 | 23 27 | 0 5 | 16 25 | 0 53 | 22 13 | 0 56 | 0 27 | 0 43 | 4 4 | 1 1 | 21 28 | 1 24 | 23 21 | 23 20 | 22 13 | 15 11 | 7 28 |
| F 15 | 12 44 | 9 59 | 3 56 | 19 19 | 0 41 | 20 58 | 0 35 | 23 28 | 0 6 | 16 28 | 0 53 | 22 13 | 0 56 | 0 25 | 0 43 | 4 4 | 1 1 | 21 29 | 1 24 | 23 21 | 23 20 | 22 12 | 15 11 | 7 27 |
| S 16 | 12 23 | 14 38 | 3 6 | 19 17 | 0 31 | 20 49 | 0 32 | 23 29 | 0 6 | 16 30 | 0 53 | 22 12 | 0 56 | 0 24 | 0 43 | 4 5 | 1 1 | 21 29 | 1 24 | 23 21 | 23 19 | 22 11 | 15 12 | 7 27 |
| S 17 | 12 2 | 18 41 | 2 5 | 19 13 | 0 21 | 20 40 | 0 29 | 23 30 | 0 7 | 16 32 | 0 53 | 22 12 | 0 56 | 0 23 | 0 43 | 4 5 | 1 1 | 21 29 | 1 24 | 23 21 | 23 19 | 22 10 | 15 13 | 7 26 |
| M18 | 11 41 | 21 50 | 0 55 | 19 8 | 0 11 | 20 29 | 0 26 | 23 31 | 0 8 | 16 35 | 0 53 | 22 12 | 0 56 | 0 22 | 0 43 | 4 6 | 1 1 | 21 30 | 1 24 | 23 21 | 23 19 | 22 9 | 15 13 | 7 26 |
| T 19 | 11 20 | 23 43 | 0s21 | 19 2 | 0 1 | 20 19 | 0 23 | 23 32 | 0 9 | 16 37 | 0 53 | 22 11 | 0 56 | 0 20 | 0 43 | 4 7 | 1 1 | 21 30 | 1 24 | 23 21 | 23 19 | 22 8 | 15 14 | 7 25 |
| W20 | 10 59 | 24 5 | 1 36 | 18 54 | 0s 8 | 20 7 | 0 19 | 23 32 | 0 10 | 16 39 | 0 53 | 22 11 | 0 56 | 0 19 | 0 43 | 4 7 | 1 1 | 21 30 | 1 24 | 23 21 | 23 19 | 22 7 | 15 15 | 7 25 |
| T 21 | 10 37 | 22 45 | 2 47 | 18 45 | 0 17 | 19 55 | 0 16 | 23 32 | 0 11 | 16 42 | 0 53 | 22 11 | 0 56 | 0 18 | 0 43 | 4 8 | 1 1 | 21 30 | 1 24 | 23 21 | 23 19 | 22 6 | 15 15 | 7 25 |
| F 22 | 10 15 | 19 48 | 3 47 | 18 35 | 0 26 | 19 43 | 0 13 | 23 32 | 0 12 | 16 44 | 0 53 | 22 10 | 0 56 | 0 17 | 0 43 | 4 9 | 1 1 | 21 31 | 1 24 | 23 21 | 23 19 | 22 6 | 15 16 | 7 24 |
| S 23 | 9 53 | 15 29 | 4 32 | 18 24 | 0 34 | 19 29 | 0 10 | 23 32 | 0 13 | 16 46 | 0 53 | 22 10 | 0 56 | 0 15 | 0 43 | 4 9 | 1 1 | 21 31 | 1 24 | 23 21 | 23 19 | 22 5 | 15 17 | 7 24 |
| S 24 | 9 31 | 10 12 | 4 57 | 18 11 | 0 42 | 19 16 | 0 7 | 23 31 | 0 13 | 16 48 | 0 53 | 22 10 | 0 56 | 0 14 | 0 43 | 4 10 | 1 1 | 21 31 | 1 24 | 23 20 | 23 19 | 22 4 | 15 17 | 7 23 |
| M25 | 9 9 | 4 26 | 5 2 | 17 58 | 0 50 | 19 1 | 0 4 | 23 31 | 0 14 | 16 51 | 0 53 | 22 9 | 0 56 | 0 13 | 0 43 | 4 11 | 1 1 | 21 32 | 1 24 | 23 20 | 23 19 | 22 3 | 15 18 | 7 23 |
| T 26 | 8 47 | 1n26 | 4 47 | 17 43 | 0 58 | 18 47 | 0 1 | 23 30 | 0 15 | 16 53 | 0 53 | 22 9 | 0 56 | 0 12 | 0 43 | 4 11 | 1 1 | 21 32 | 1 24 | 23 20 | 23 18 | 22 2 | 15 19 | 7 22 |
| W27 | 8 24 | 7 3 | 4 15 | 17 26 | 1 5 | 18 31 | 0s 2 | 23 29 | 0 16 | 16 55 | 0 53 | 22 9 | 0 56 | 0 10 | 0 43 | 4 12 | 1 1 | 21 32 | 1 24 | 23 20 | 23 18 | 22 1 | 15 20 | 7 22 |
| T 28 | 8s 1 | 12n 9 | 3s30 | 17s 9 | 1s12 | 18s15 | 0s 5 | 23s28 | 0s17 | 16n57 | 0n53 | 22s 8 | 0n56 | 0s 9 | 0s43 | 4n12 | 1n 1 | 21n32 | 1n24 | 23n19 | 23n18 | 21n59 | 15n20 | 7s21 |

Julian Day Number = 2608630.5, Delta T = 10m07s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'12, Lahiri = 29°52'14


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## MARCH 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 35 54 | 10♓25'07 | 25♉16 | 17♒22 | 9♒26 | 8♑ 7 | 15°R34 | 9♑15 | 1♈20 | 21°R43 | 29°R42 | 25°R58 | 25♊20 | 6♌ 2 | 13°R58 | F 1 |
| S 2 | 10 39 50 | 11°25'32 | 7♊51 | 18°46 | 10°40 | 8°47 | 15♌27 | 9°19 | 1°23 | 21♍41 | 29♋41 | 25°D57 | 25°16 | 6° 9 | 13♋57 | S 2 |
| S 3 | 10 43 47 | 12°25'55 | 20° 5 | 20°12 | 11°54 | 9°28 | 15°21 | 9°24 | 1°26 | 21°39 | 29°40 | 25°R57 | 25°13 | 6°16 | 13°55 | S 3 |
| M 4 | 10 47 43 | 13°26'17 | 2♋ 6 | 21°38 | 13° 7 | 10° 8 | 15°15 | 9°28 | 1°29 | 21°38 | 29°39 | 25♊57 | 25°10 | 6°22 | 13°54 | M 4 |
| T 5 | 10 51 40 | 14°26'36 | 13°57 | 23° 6 | 14°21 | 10°49 | 15° 9 | 9°32 | 1°33 | 21°36 | 29°38 | 25°56 | 25° 7 | 6°29 | 13°53 | T 5 |
| W 6 | 10 55 37 | 15°26'53 | 25°45 | 24°34 | 15°35 | 11°30 | 15° 2 | 9°37 | 1°36 | 21°34 | 29°37 | 25°53 | 25° 4 | 6°36 | 13°52 | W 6 |
| T 7 | 10 59 33 | 16°27'09 | 7♌33 | 26° 4 | 16°49 | 12°10 | 14°57 | 9°41 | 1°39 | 21°33 | 29°36 | 25°46 | 25° 1 | 6°42 | 13°50 | T 7 |
| F 8 | 11 3 30 | 17°27'23 | 19°25 | 27°35 | 18° 2 | 12°51 | 14°51 | 9°45 | 1°43 | 21°31 | 29°35 | 25°37 | 24°57 | 6°49 | 13°49 | F 8 |
| S 9 | 11 7 26 | 18°27'34 | 1♍24 | 29° 7 | 19°16 | 13°31 | 14°45 | 9°49 | 1°46 | 21°29 | 29°35 | 25°25 | 24°54 | 6°56 | 13°49 | S 9 |
| S 10 | 11 11 23 | 19°27'44 | 13°32 | 0♓40 | 20°30 | 14°12 | 14°40 | 9°53 | 1°49 | 21°28 | 29°34 | 25°12 | 24°51 | 7° 3 | 13°48 | S 10 |
| M11 | 11 15 19 | 20°27'52 | 25°49 | 2°14 | 21°44 | 14°52 | 14°34 | 9°56 | 1°53 | 21°26 | 29°33 | 24°57 | 24°48 | 7° 9 | 13°47 | M11 |
| T 12 | 11 19 16 | 21°27'58 | 8♎16 | 3°50 | 22°58 | 15°33 | 14°29 | 10° 0 | 1°56 | 21°24 | 29°32 | 24°43 | 24°45 | 7°16 | 13°46 | T 12 |
| W13 | 11 23 12 | 22°28'03 | 20°54 | 5°26 | 24°11 | 16°14 | 14°24 | 10° 4 | 2° 0 | 21°23 | 29°32 | 24°31 | 24°41 | 7°23 | 13°46 | W13 |
| T 14 | 11 27 9 | 23°28'05 | 3♏42 | 7° 3 | 25°25 | 16°54 | 14°19 | 10° 7 | 2° 3 | 21°21 | 29°31 | 24°22 | 24°38 | 7°29 | 13°45 | T 14 |
| F 15 | 11 31 5 | 24°28'06 | 16°41 | 8°42 | 26°39 | 17°35 | 14°15 | 10°11 | 2° 6 | 21°19 | 29°30 | 24°15 | 24°35 | 7°36 | 13°45 | F 15 |
| S 16 | 11 35 2 | 25°28'06 | 29°53 | 10°22 | 27°53 | 18°16 | 14°10 | 10°14 | 2°10 | 21°18 | 29°30 | 24°11 | 24°32 | 7°43 | 13°45 | S 16 |
| S 17 | 11 38 59 | 26°28'04 | 13♐18 | 12° 2 | 29° 7 | 18°56 | 14° 6 | 10°17 | 2°13 | 21°16 | 29°29 | 24°10 | 24°29 | 7°49 | 13°45 | S 17 |
| M18 | 11 42 55 | 27°28'00 | 26°59 | 13°44 | 0♓21 | 19°37 | 14° 2 | 10°20 | 2°17 | 21°14 | 29°28 | 24°10 | 24°26 | 7°56 | 13°D45 | M18 |
| T 19 | 11 46 52 | 28°27'55 | 10♑56 | 15°27 | 1°35 | 20°18 | 13°58 | 10°24 | 2°20 | 21°13 | 29°28 | 24° 9 | 24°22 | 8° 3 | 13°45 | T 19 |
| W20 | 11 50 48 | 29°27'49 | 25°10 | 17°12 | 2°48 | 20°58 | 13°54 | 10°27 | 2°23 | 21°11 | 29°27 | 24° 8 | 24°19 | 8° 9 | 13°45 | W20 |
| T 21 | 11 54 45 | 0♈27'40 | 9♒40 | 18°57 | 4° 2 | 21°39 | 13°50 | 10°29 | 2°27 | 21° 9 | 29°27 | 24° 4 | 24°16 | 8°16 | 13°45 | T 21 |
| F 22 | 11 58 41 | 1°27'30 | 24°22 | 20°44 | 5°16 | 22°20 | 13°47 | 10°32 | 2°30 | 21° 8 | 29°26 | 23°57 | 24°13 | 8°23 | 13°45 | F 22 |
| S 23 | 12 2 38 | 2°27'18 | 9♓ 9 | 22°32 | 6°30 | 23° 0 | 13°43 | 10°35 | 2°34 | 21° 6 | 29°26 | 23°47 | 24°10 | 8°29 | 13°46 | S 23 |
| S 24 | 12 6 34 | 3°27'04 | 23°56 | 24°21 | 7°44 | 23°41 | 13°40 | 10°38 | 2°37 | 21° 4 | 29°25 | 23°36 | 24° 7 | 8°36 | 13°46 | S 24 |
| M25 | 12 10 31 | 4°26'49 | 8♈31 | 26°11 | 8°58 | 24°22 | 13°37 | 10°40 | 2°41 | 21° 3 | 29°25 | 23°24 | 24° 3 | 8°43 | 13°47 | M25 |
| T 26 | 12 14 28 | 5°26'31 | 22°49 | 28° 2 | 10°12 | 25° 2 | 13°35 | 10°43 | 2°44 | 21° 1 | 29°24 | 23°13 | 24° 0 | 8°49 | 13°47 | T 26 |
| W27 | 12 18 24 | 6°26'11 | 6♉44 | 29°55 | 11°26 | 25°43 | 13°32 | 10°45 | 2°47 | 21° 0 | 29°24 | 23° 4 | 23°57 | 8°56 | 13°48 | W27 |
| T 28 | 12 22 21 | 7°25'49 | 20°12 | 1♈49 | 12°40 | 26°24 | 13°30 | 10°47 | 2°51 | 20°58 | 29°23 | 22°57 | 23°54 | 9° 3 | 13°49 | T 28 |
| F 29 | 12 26 17 | 8°25'25 | 3♊14 | 3°44 | 13°54 | 27° 4 | 13°28 | 10°50 | 2°54 | 20°56 | 29°23 | 22°54 | 23°51 | 9° 9 | 13°50 | F 29 |
| S 30 | 12 30 14 | 9°24'59 | 15°53 | 5°40 | 15° 8 | 27°45 | 13°26 | 10°52 | 2°58 | 20°55 | 29°23 | 22°52 | 23°47 | 9°16 | 13°51 | S 30 |
| S 31 | 12 34 10 | 10♈24'31 | 28♊11 | 7♈38 | 16♓21 | 28♑26 | 13♌24 | 10♑54 | 3♈ 1 | 20♍53 | 29♋22 | 22°D52 | 23♊44 | 9♌23 | 13♋52 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 7s39 | 16n31 | 2s35 | 16s50 | 1s18 | 17s59 | 0s 8 | 23s26 | 0s18 | 16n59 | 0n53 | 22s 8 | 0n56 | 0s 8 | 0s43 | 4n13 | 1n 1 | 21n33 | 1n24 | 23n19 | 23n18 | 21n58 | 15n21 | 7s21 | F 1 |
| S 2 | 7 16 | 20 1 | 1 35 | 16 30 | 1 25 | 17 42 | 0 11 | 23 25 | 0 19 | 17 1 | 0 53 | 22 8 | 0 56 | 0 6 | 0 43 | 4 14 | 1 1 | 21 33 | 1 24 | 23 19 | 23 18 | 21 57 | 15 22 | 7 20 | S 2 |
| S 3 | 6 53 | 22 30 | 0 31 | 16 9 | 1 30 | 17 25 | 0 14 | 23 23 | 0 20 | 17 3 | 0 53 | 22 7 | 0 56 | 0 5 | 0 43 | 4 14 | 1 1 | 21 33 | 1 24 | 23 19 | 23 18 | 21 56 | 15 22 | 7 19 | S 3 |
| M 4 | 6 30 | 23 55 | 0n33 | 15 46 | 1 36 | 17 7 | 0 17 | 23 21 | 0 21 | 17 5 | 0 53 | 22 7 | 0 56 | 0 4 | 0 43 | 4 15 | 1 1 | 21 33 | 1 24 | 23 19 | 23 18 | 21 55 | 15 23 | 7 19 | M 4 |
| T 5 | 6 7 | 24 13 | 1 34 | 15 23 | 1 41 | 16 48 | 0 20 | 23 18 | 0 22 | 17 7 | 0 53 | 22 7 | 0 56 | 0 3 | 0 43 | 4 16 | 1 1 | 21 33 | 1 25 | 23 19 | 23 18 | 21 54 | 15 24 | 7 18 | T 5 |
| W 6 | 5 43 | 23 25 | 2 31 | 14 58 | 1 46 | 16 29 | 0 23 | 23 16 | 0 23 | 17 8 | 0 54 | 22 6 | 0 56 | 0 1 | 0 43 | 4 16 | 1 1 | 21 34 | 1 25 | 23 19 | 23 18 | 21 53 | 15 24 | 7 18 | W 6 |
| T 7 | 5 20 | 21 35 | 3 21 | 14 32 | 1 50 | 16 10 | 0 25 | 23 13 | 0 24 | 17 10 | 0 54 | 22 6 | 0 56 | 0n 0 | 0 43 | 4 17 | 1 1 | 21 34 | 1 25 | 23 19 | 23 17 | 21 52 | 15 25 | 7 17 | T 7 |
| F 8 | 4 57 | 18 48 | 4 3 | 14 4 | 1 54 | 15 50 | 0 28 | 23 11 | 0 25 | 17 12 | 0 54 | 22 6 | 0 56 | 0 1 | 0 43 | 4 18 | 1 1 | 21 34 | 1 25 | 23 19 | 23 17 | 21 51 | 15 26 | 7 17 | F 8 |
| S 9 | 4 33 | 15 13 | 4 34 | 13 36 | 1 58 | 15 30 | 0 31 | 23 8 | 0 26 | 17 13 | 0 54 | 22 5 | 0 56 | 0 3 | 0 43 | 4 18 | 1 1 | 21 34 | 1 25 | 23 18 | 23 17 | 21 50 | 15 26 | 7 16 | S 9 |
| S 10 | 4 10 | 10 59 | 4 54 | 13 6 | 2 1 | 15 9 | 0 34 | 23 4 | 0 27 | 17 15 | 0 54 | 22 5 | 0 56 | 0 4 | 0 43 | 4 19 | 1 1 | 21 35 | 1 25 | 23 18 | 23 17 | 21 49 | 15 27 | 7 16 | S 10 |
| M11 | 3 46 | 6 15 | 5 0 | 12 35 | 2 4 | 14 48 | 0 36 | 23 1 | 0 28 | 17 17 | 0 54 | 22 5 | 0 56 | 0 6 | 0 43 | 4 20 | 1 1 | 21 35 | 1 25 | 23 17 | 23 17 | 21 48 | 15 27 | 7 15 | M11 |
| T 12 | 3 23 | 1 12 | 4 51 | 12 3 | 2 7 | 14 26 | 0 39 | 22 57 | 0 29 | 17 18 | 0 53 | 22 5 | 0 56 | 0 7 | 0 43 | 4 20 | 1 1 | 21 35 | 1 25 | 23 17 | 23 17 | 21 47 | 15 28 | 7 14 | T 12 |
| W13 | 2 59 | 3s59 | 4 29 | 11 30 | 2 9 | 14 5 | 0 41 | 22 54 | 0 30 | 17 20 | 0 53 | 22 4 | 0 56 | 0 8 | 0 43 | 4 21 | 1 1 | 21 35 | 1 25 | 23 16 | 23 17 | 21 46 | 15 29 | 7 14 | W13 |
| T 14 | 2 35 | 9 4 | 3 53 | 10 55 | 2 11 | 13 42 | 0 44 | 22 50 | 0 31 | 17 21 | 0 53 | 22 4 | 0 56 | 0 10 | 0 43 | 4 22 | 1 1 | 21 35 | 1 25 | 23 16 | 23 17 | 21 45 | 15 29 | 7 13 | T 14 |
| F 15 | 2 12 | 13 51 | 3 4 | 10 20 | 2 12 | 13 19 | 0 46 | 22 46 | 0 32 | 17 22 | 0 53 | 22 4 | 0 56 | 0 11 | 0 43 | 4 22 | 1 1 | 21 35 | 1 25 | 23 16 | 23 16 | 21 43 | 15 30 | 7 13 | F 15 |
| S 16 | 1 48 | 18 3 | 2 4 | 9 43 | 2 13 | 12 56 | 0 48 | 22 41 | 0 33 | 17 24 | 0 53 | 22 3 | 0 56 | 0 12 | 0 43 | 4 23 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 42 | 15 31 | 7 12 | S 16 |
| S 17 | 1 24 | 21 24 | 0 57 | 9 5 | 2 13 | 12 33 | 0 51 | 22 37 | 0 34 | 17 25 | 0 53 | 22 3 | 0 56 | 0 14 | 0 43 | 4 24 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 41 | 15 31 | 7 12 | S 17 |
| M18 | 1 0 | 23 36 | 0s15 | 8 26 | 2 13 | 12 9 | 0 53 | 22 32 | 0 35 | 17 26 | 0 53 | 22 3 | 0 56 | 0 15 | 0 43 | 4 24 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 40 | 15 32 | 7 11 | M18 |
| T 19 | 0 37 | 24 23 | 1 27 | 7 46 | 2 13 | 11 45 | 0 55 | 22 27 | 0 36 | 17 27 | 0 53 | 22 3 | 0 56 | 0 16 | 0 43 | 4 25 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 39 | 15 32 | 7 10 | T 19 |
| W20 | 0 13 | 23 36 | 2 36 | 7 5 | 2 12 | 11 21 | 0 57 | 22 22 | 0 37 | 17 28 | 0 53 | 22 2 | 0 56 | 0 19 | 0 43 | 4 26 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 38 | 15 33 | 7 10 | W20 |
| T 21 | 0n11 | 21 15 | 3 36 | 6 22 | 2 11 | 10 56 | 1 0 | 22 17 | 0 39 | 17 29 | 0 53 | 22 2 | 0 56 | 0 19 | 0 43 | 4 26 | 1 1 | 21 36 | 1 25 | 23 15 | 23 16 | 21 37 | 15 34 | 7 9 | T 21 |
| F 22 | 0 35 | 17 29 | 4 22 | 5 39 | 2 9 | 10 31 | 1 2 | 22 11 | 0 40 | 17 30 | 0 53 | 22 2 | 0 56 | 0 20 | 0 43 | 4 27 | 1 1 | 21 37 | 1 25 | 23 15 | 23 15 | 21 36 | 15 34 | 7 9 | F 22 |
| S 23 | 0 58 | 12 37 | 4 51 | 4 54 | 2 7 | 10 5 | 1 4 | 22 6 | 0 41 | 17 31 | 0 53 | 22 2 | 0 56 | 0 22 | 0 43 | 4 28 | 1 1 | 21 37 | 1 25 | 23 14 | 23 15 | 21 34 | 15 35 | 7 8 | S 23 |
| S 24 | 1 22 | 7 0 | 5 0 | 4 8 | 2 4 | 9 40 | 1 5 | 22 0 | 0 42 | 17 32 | 0 53 | 22 1 | 0 56 | 0 23 | 0 43 | 4 28 | 1 1 | 21 37 | 1 25 | 23 14 | 23 15 | 21 33 | 15 35 | 7 7 | S 24 |
| M25 | 1 46 | 1 5 | 4 50 | 3 22 | 2 1 | 9 14 | 1 7 | 21 54 | 0 43 | 17 33 | 0 53 | 22 1 | 0 56 | 0 25 | 0 43 | 4 29 | 1 1 | 21 37 | 1 25 | 23 13 | 23 15 | 21 32 | 15 36 | 7 7 | M25 |
| T 26 | 2 9 | 4n48 | 4 22 | 2 34 | 1 57 | 8 48 | 1 9 | 21 48 | 0 44 | 17 33 | 0 53 | 22 1 | 0 56 | 0 26 | 0 43 | 4 30 | 1 1 | 21 37 | 1 25 | 23 13 | 23 15 | 21 31 | 15 36 | 7 6 | T 26 |
| W27 | 2 33 | 10 17 | 3 38 | 1 46 | 1 53 | 8 21 | 1 11 | 21 42 | 0 45 | 17 34 | 0 53 | 22 1 | 0 56 | 0 27 | 0 43 | 4 30 | 1 1 | 21 37 | 1 25 | 23 12 | 23 15 | 21 30 | 15 37 | 7 6 | W27 |
| T 28 | 2 57 | 15 7 | 2 44 | 0 56 | 1 48 | 7 55 | 1 12 | 21 35 | 0 47 | 17 35 | 0 53 | 22 1 | 0 56 | 0 29 | 0 43 | 4 31 | 1 1 | 21 37 | 1 25 | 23 12 | 23 15 | 21 28 | 15 37 | 7 5 | T 28 |
| F 29 | 3 20 | 19 5 | 1 42 | 0 6 | 1 43 | 7 28 | 1 14 | 21 29 | 0 48 | 17 35 | 0 53 | 22 0 | 0 56 | 0 30 | 0 43 | 4 31 | 1 1 | 21 37 | 1 25 | 23 12 | 23 14 | 21 27 | 15 38 | 7 4 | F 29 |
| S 30 | 3 43 | 22 1 | 0 37 | 0n46 | 1 37 | 7 1 | 1 16 | 21 22 | 0 49 | 17 36 | 0 53 | 22 0 | 0 56 | 0 31 | 0 43 | 4 32 | 1 1 | 21 38 | 1 25 | 23 12 | 23 14 | 21 26 | 15 38 | 7 4 | S 30 |
| S 31 | 4n 7 | 23n50 | 0n28 | 1n38 | 1s31 | 6s33 | 1s17 | 21s15 | 0s50 | 17n36 | 0n53 | 22s 0 | 0n56 | 0n33 | 0s43 | 4n33 | 1n 1 | 21n38 | 1n25 | 23n12 | 23n14 | 21n25 | 15n39 | 7s 3 | S 31 |

Julian Day Number = 2608658.5, Delta T = 10m07s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'16, Lahiri = 29°52'18


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## APRIL 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 38 7 | 11♈24'00 | 10♋14 | 9♈36 | 17♓35 | 29♉ 6 | 13°R22 | 10♉56 | 3♈ 4 | 20°R52 | 29°R22 | 22°R52 | 23♊41 | 9♌30 | 13♋53 | M 1 |
| T 2 | 12 42 3 | 12°23'27 | 22° 8 | 11°36 | 18°49 | 29°47 | 13♌21 | 10°57 | 3° 8 | 20♍50 | 29♋22 | 22♊52 | 23°38 | 9°36 | 13°54 | T 2 |
| W 3 | 12 46 0 | 13°22'52 | 3♌57 | 13°36 | 20° 3 | 0♒28 | 13°20 | 10°59 | 3°11 | 20°49 | 29°22 | 22°50 | 23°35 | 9°43 | 13°56 | W 3 |
| T 4 | 12 49 57 | 14°22'14 | 15°47 | 15°38 | 21°17 | 1° 8 | 13°19 | 11° 1 | 3°15 | 20°47 | 29°21 | 22°45 | 23°32 | 9°50 | 13°57 | T 4 |
| F 5 | 12 53 53 | 15°21'34 | 27°43 | 17°40 | 22°31 | 1°49 | 13°18 | 11° 2 | 3°18 | 20°46 | 29°21 | 22°38 | 23°28 | 9°56 | 13°59 | F 5 |
| S 6 | 12 57 50 | 16°20'52 | 9♍47 | 19°43 | 23°45 | 2°30 | 13°17 | 11° 4 | 3°21 | 20°44 | 29°21 | 22°29 | 23°25 | 10° 3 | 14° 1 | S 6 |
| S 7 | 13 1 46 | 17°20'07 | 22° 3 | 21°46 | 24°59 | 3°10 | 13°17 | 11° 5 | 3°25 | 20°43 | 29°21 | 22°18 | 23°22 | 10°10 | 14° 2 | S 7 |
| M 8 | 13 5 43 | 18°19'21 | 4♎32 | 23°49 | 26°13 | 3°51 | 13°17 | 11° 6 | 3°28 | 20°41 | 29°21 | 22° 6 | 23°19 | 10°16 | 14° 4 | M 8 |
| T 9 | 13 9 39 | 19°18'32 | 17°16 | 25°53 | 27°26 | 4°32 | 13°D17 | 11° 7 | 3°31 | 20°40 | 29°21 | 21°55 | 23°16 | 10°23 | 14° 6 | T 9 |
| W10 | 13 13 36 | 20°17'42 | 0♏12 | 27°56 | 28°40 | 5°12 | 13°17 | 11° 8 | 3°35 | 20°39 | 29°21 | 21°45 | 23°12 | 10°30 | 14° 8 | W10 |
| T 11 | 13 17 32 | 21°16'49 | 13°21 | 29°58 | 29°54 | 5°53 | 13°17 | 11° 9 | 3°38 | 20°37 | 29°21 | 21°37 | 23° 9 | 10°36 | 14°10 | T 11 |
| F 12 | 13 21 29 | 22°15'55 | 26°42 | 2♑ 0 | 1♈ 8 | 6°33 | 13°17 | 11°10 | 3°41 | 20°36 | 29°D21 | 21°32 | 23° 6 | 10°43 | 14°12 | F 12 |
| S 13 | 13 25 25 | 23°14'58 | 10♐13 | 4° 1 | 2°22 | 7°14 | 13°18 | 11°11 | 3°45 | 20°34 | 29°21 | 21°29 | 23° 3 | 10°50 | 14°14 | S 13 |
| S 14 | 13 29 22 | 24°14'00 | 23°54 | 5°59 | 3°36 | 7°55 | 13°19 | 11°11 | 3°48 | 20°33 | 29°21 | 21°D28 | 23° 0 | 10°56 | 14°17 | S 14 |
| M15 | 13 33 19 | 25°13'01 | 7♑44 | 7°56 | 4°50 | 8°35 | 13°20 | 11°12 | 3°51 | 20°32 | 29°21 | 21°29 | 22°57 | 11° 3 | 14°19 | M15 |
| T 16 | 13 37 15 | 26°11'59 | 21°43 | 9°51 | 6° 4 | 9°16 | 13°21 | 11°12 | 3°54 | 20°30 | 29°21 | 21°R30 | 22°53 | 11°10 | 14°22 | T 16 |
| W17 | 13 41 12 | 27°10'56 | 5♒50 | 11°43 | 7°17 | 9°56 | 13°23 | 11°13 | 3°58 | 20°29 | 29°21 | 21°30 | 22°50 | 11°17 | 14°24 | W17 |
| T 18 | 13 45 8 | 28° 9'51 | 20° 5 | 13°32 | 8°31 | 10°37 | 13°24 | 11°13 | 4° 1 | 20°28 | 29°21 | 21°28 | 22°47 | 11°23 | 14°27 | T 18 |
| F 19 | 13 49 5 | 29° 8'45 | 4♓25 | 15°17 | 9°45 | 11°17 | 13°26 | 11°13 | 4° 4 | 20°27 | 29°21 | 21°23 | 22°44 | 11°30 | 14°30 | F 19 |
| S 20 | 13 53 1 | 0♉ 7'36 | 18°47 | 16°59 | 10°59 | 11°58 | 13°28 | 11°R13 | 4° 7 | 20°25 | 29°21 | 21°17 | 22°41 | 11°37 | 14°33 | S 20 |
| S 21 | 13 56 58 | 1° 6'26 | 3♈ 5 | 18°37 | 12°13 | 12°39 | 13°30 | 11°13 | 4°10 | 20°24 | 29°22 | 21° 9 | 22°38 | 11°43 | 14°35 | S 21 |
| M22 | 14 0 54 | 2° 5'14 | 17°15 | 20°11 | 13°27 | 13°19 | 13°33 | 11°13 | 4°13 | 20°23 | 29°22 | 21° 1 | 22°34 | 11°50 | 14°38 | M22 |
| T 23 | 14 4 51 | 3° 4'00 | 1♉12 | 21°40 | 14°41 | 13°59 | 13°35 | 11°13 | 4°17 | 20°22 | 29°22 | 20°54 | 22°31 | 11°57 | 14°41 | T 23 |
| W24 | 14 8 48 | 4° 2'44 | 14°50 | 23° 5 | 15°55 | 14°40 | 13°38 | 11°12 | 4°20 | 20°21 | 29°22 | 20°47 | 22°28 | 12° 3 | 14°45 | W24 |
| T 25 | 14 12 44 | 5° 1'27 | 28° 8 | 24°25 | 17° 8 | 15°20 | 13°41 | 11°12 | 4°23 | 20°20 | 29°23 | 20°43 | 22°25 | 12°10 | 14°48 | T 25 |
| F 26 | 14 16 41 | 6° 0'07 | 11♊ 5 | 25°40 | 18°22 | 16° 1 | 13°44 | 11°11 | 4°26 | 20°19 | 29°23 | 20°41 | 22°22 | 12°17 | 14°51 | F 26 |
| S 27 | 14 20 37 | 6°58'45 | 23°41 | 26°49 | 19°36 | 16°41 | 13°47 | 11°11 | 4°29 | 20°18 | 29°23 | 20°D40 | 22°18 | 12°23 | 14°54 | S 27 |
| S 28 | 14 24 34 | 7°57'21 | 6♋ 0 | 27°54 | 20°50 | 17°21 | 13°51 | 11°10 | 4°32 | 20°17 | 29°24 | 20°41 | 22°15 | 12°30 | 14°58 | S 28 |
| M29 | 14 28 30 | 8°55'55 | 18° 5 | 28°53 | 22° 4 | 18° 2 | 13°54 | 11° 9 | 4°35 | 20°16 | 29°24 | 20°43 | 22°12 | 12°37 | 15° 1 | M29 |
| T 30 | 14 32 27 | 9♉54'27 | 0♌ 0 | 29♉47 | 23♈17 | 18♒42 | 13♌58 | 11♉ 8 | 4♈38 | 20♍15 | 29♋25 | 20♊44 | 22♊ 9 | 12♌43 | 15♋ 5 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n30 | 24n30 | 1n31 | 2n31 | 1s24 | 6s 6 | 1s19 | 21s 8 | 0s51 | 17n37 | 0n53 | 22s 0 | 0n56 | 0n34 | 0s43 | 4n33 | 1n 1 | 21n38 | 1n25 | 23n12 | 23n14 | 21n24 | 15n39 | 7s 3 |
| T 2 | 4 53 | 24 1 | 2 29 | 3 24 | 1 17 | 5 38 | 1 20 | 21 0 | 0 52 | 17 37 | 0 53 | 22 0 | 0 56 | 0 35 | 0 43 | 4 34 | 1 1 | 21 38 | 1 26 | 23 12 | 23 14 | 21 22 | 15 40 | 7 2 |
| W 3 | 5 16 | 22 28 | 3 20 | 4 18 | 1 9 | 5 11 | 1 21 | 20 53 | 0 54 | 17 37 | 0 53 | 22 0 | 0 56 | 0 37 | 0 43 | 4 34 | 1 1 | 21 38 | 1 26 | 23 11 | 23 14 | 21 21 | 15 40 | 7 1 |
| T 4 | 5 39 | 19 56 | 4 3 | 5 13 | 1 0 | 4 43 | 1 22 | 20 45 | 0 55 | 17 38 | 0 53 | 21 59 | 0 57 | 0 38 | 0 43 | 4 35 | 1 1 | 21 38 | 1 26 | 23 11 | 23 14 | 21 20 | 15 41 | 7 1 |
| F 5 | 6 2 | 16 32 | 4 35 | 6 7 | 0 51 | 4 15 | 1 24 | 20 37 | 0 56 | 17 38 | 0 53 | 21 59 | 0 57 | 0 39 | 0 43 | 4 36 | 1 1 | 21 38 | 1 26 | 23 11 | 23 13 | 21 19 | 15 41 | 7 0 |
| S 6 | 6 25 | 12 26 | 4 55 | 7 3 | 0 42 | 3 46 | 1 25 | 20 29 | 0 57 | 17 38 | 0 53 | 21 59 | 0 57 | 0 41 | 0 43 | 4 36 | 1 1 | 21 38 | 1 26 | 23 10 | 23 13 | 21 18 | 15 41 | 7 0 |
| S 7 | 6 48 | 7 47 | 5 3 | 7 58 | 0 32 | 3 18 | 1 26 | 20 21 | 0 59 | 17 38 | 0 52 | 21 59 | 0 57 | 0 42 | 0 43 | 4 37 | 1 1 | 21 38 | 1 26 | 23 10 | 23 13 | 21 16 | 15 42 | 6 59 |
| M 8 | 7 10 | 2 43 | 4 56 | 8 53 | 0 22 | 2 50 | 1 27 | 20 13 | 1 0 | 17 38 | 0 52 | 21 59 | 0 57 | 0 43 | 0 43 | 4 37 | 1 1 | 21 38 | 1 26 | 23 9 | 23 13 | 21 15 | 15 42 | 6 58 |
| T 9 | 7 32 | 2s32 | 4 34 | 9 48 | 0 12 | 2 21 | 1 27 | 20 5 | 1 1 | 17 38 | 0 52 | 21 59 | 0 57 | 0 45 | 0 43 | 4 38 | 1 1 | 21 38 | 1 26 | 23 8 | 23 13 | 21 14 | 15 43 | 6 58 |
| W10 | 7 55 | 7 48 | 3 58 | 10 42 | 0 1 | 1 53 | 1 28 | 19 56 | 1 3 | 17 38 | 0 52 | 21 59 | 0 57 | 0 46 | 0 43 | 4 38 | 1 1 | 21 38 | 1 26 | 23 8 | 23 13 | 21 12 | 15 43 | 6 57 |
| T 11 | 8 17 | 12 49 | 3 9 | 11 36 | 0n10 | 1 24 | 1 29 | 19 47 | 1 4 | 17 38 | 0 52 | 21 59 | 0 57 | 0 47 | 0 43 | 4 39 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 11 | 15 43 | 6 57 |
| F 12 | 8 39 | 17 17 | 2 8 | 12 28 | 0 21 | 0 55 | 1 30 | 19 38 | 1 5 | 17 37 | 0 52 | 21 58 | 0 57 | 0 49 | 0 43 | 4 40 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 10 | 15 44 | 6 56 |
| S 13 | 9 1 | 20 56 | 1 0 | 13 20 | 0 33 | 0 26 | 1 30 | 19 29 | 1 6 | 17 37 | 0 52 | 21 58 | 0 57 | 0 50 | 0 43 | 4 40 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 9 | 15 44 | 6 56 |
| S 14 | 9 23 | 23 28 | 0s13 | 14 11 | 0 44 | 0n 2 | 1 31 | 19 20 | 1 8 | 17 37 | 0 52 | 21 58 | 0 57 | 0 51 | 0 43 | 4 41 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 7 | 15 44 | 6 55 |
| M15 | 9 44 | 24 35 | 1 26 | 15 0 | 0 55 | 0 31 | 1 31 | 19 11 | 1 9 | 17 36 | 0 52 | 21 58 | 0 57 | 0 52 | 0 43 | 4 41 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 6 | 15 45 | 6 54 |
| T 16 | 10 6 | 24 11 | 2 35 | 15 47 | 1 6 | 1 0 | 1 32 | 19 2 | 1 10 | 17 36 | 0 52 | 21 58 | 0 57 | 0 54 | 0 43 | 4 42 | 1 1 | 21 38 | 1 26 | 23 7 | 23 12 | 21 5 | 15 45 | 6 54 |
| W17 | 10 27 | 22 14 | 3 35 | 16 32 | 1 17 | 1 29 | 1 32 | 18 52 | 1 12 | 17 36 | 0 52 | 21 58 | 0 57 | 0 55 | 0 43 | 4 42 | 1 1 | 21 38 | 1 26 | 23 7 | 23 11 | 21 3 | 15 45 | 6 53 |
| T 18 | 10 48 | 18 54 | 4 22 | 17 16 | 1 28 | 1 58 | 1 32 | 18 42 | 1 13 | 17 35 | 0 52 | 21 58 | 0 57 | 0 56 | 0 43 | 4 43 | 1 1 | 21 38 | 1 26 | 23 7 | 23 11 | 21 2 | 15 46 | 6 53 |
| F 19 | 11 9 | 14 25 | 4 53 | 17 57 | 1 38 | 2 26 | 1 32 | 18 33 | 1 14 | 17 34 | 0 52 | 21 58 | 0 57 | 0 57 | 0 43 | 4 43 | 1 1 | 21 38 | 1 26 | 23 6 | 23 11 | 21 1 | 15 46 | 6 52 |
| S 20 | 11 29 | 9 7 | 5 6 | 18 36 | 1 48 | 2 55 | 1 32 | 18 23 | 1 16 | 17 34 | 0 52 | 21 58 | 0 57 | 0 59 | 0 43 | 4 43 | 1 1 | 21 38 | 1 26 | 23 6 | 23 11 | 21 0 | 15 46 | 6 52 |
| S 21 | 11 50 | 3 22 | 5 0 | 19 13 | 1 58 | 3 24 | 1 32 | 18 13 | 1 17 | 17 33 | 0 52 | 21 58 | 0 57 | 1 0 | 0 43 | 4 44 | 1 1 | 21 38 | 1 26 | 23 5 | 23 11 | 20 58 | 15 46 | 6 51 |
| M22 | 12 10 | 2n31 | 4 35 | 19 47 | 2 6 | 3 53 | 1 32 | 18 2 | 1 19 | 17 32 | 0 51 | 21 58 | 0 57 | 1 1 | 0 43 | 4 44 | 1 1 | 21 38 | 1 26 | 23 5 | 23 11 | 20 57 | 15 47 | 6 51 |
| T 23 | 12 30 | 8 12 | 3 55 | 20 18 | 2 14 | 4 21 | 1 32 | 17 52 | 1 20 | 17 32 | 0 51 | 21 58 | 0 57 | 1 2 | 0 43 | 4 45 | 1 1 | 21 38 | 1 26 | 23 4 | 23 10 | 20 56 | 15 47 | 6 50 |
| W24 | 12 50 | 13 22 | 3 1 | 20 47 | 2 22 | 4 50 | 1 32 | 17 42 | 1 21 | 17 31 | 0 51 | 21 58 | 0 57 | 1 4 | 0 43 | 4 45 | 1 1 | 21 38 | 1 26 | 23 4 | 23 10 | 20 54 | 15 47 | 6 50 |
| T 25 | 13 10 | 17 46 | 1 59 | 21 13 | 2 28 | 5 18 | 1 32 | 17 31 | 1 23 | 17 30 | 0 51 | 21 58 | 0 57 | 1 5 | 0 43 | 4 46 | 1 1 | 21 38 | 1 26 | 23 4 | 23 10 | 20 53 | 15 47 | 6 49 |
| F 26 | 13 29 | 21 12 | 0 52 | 21 37 | 2 34 | 5 46 | 1 32 | 17 20 | 1 24 | 17 29 | 0 51 | 21 58 | 0 57 | 1 6 | 0 43 | 4 46 | 1 1 | 21 38 | 1 26 | 23 3 | 23 10 | 20 51 | 15 47 | 6 48 |
| S 27 | 13 49 | 23 30 | 0n16 | 21 58 | 2 38 | 6 15 | 1 31 | 17 10 | 1 26 | 17 28 | 0 51 | 21 58 | 0 57 | 1 7 | 0 43 | 4 46 | 1 1 | 21 38 | 1 26 | 23 3 | 23 10 | 20 50 | 15 48 | 6 48 |
| S 28 | 14 8 | 24 37 | 1 22 | 22 17 | 2 42 | 6 43 | 1 31 | 16 59 | 1 27 | 17 27 | 0 51 | 21 58 | 0 57 | 1 8 | 0 43 | 4 47 | 1 1 | 21 38 | 1 26 | 23 3 | 23 9 | 20 49 | 15 48 | 6 47 |
| M29 | 14 27 | 24 32 | 2 23 | 22 33 | 2 45 | 7 11 | 1 30 | 16 48 | 1 29 | 17 26 | 0 51 | 21 58 | 0 57 | 1 10 | 0 43 | 4 47 | 1 1 | 21 38 | 1 26 | 23 4 | 23 9 | 20 47 | 15 48 | 6 47 |
| T 30 | 14n45 | 23n19 | 3n17 | 22n46 | 2n47 | 7n38 | 1s30 | 16s37 | 1s30 | 17n25 | 0n51 | 21s58 | 0n57 | 1n11 | 0s43 | 4n48 | 1n 1 | 21n38 | 1n26 | 23n 4 | 23n 9 | 20n46 | 15n48 | 6s46 |

Julian Day Number = 2608689.5, Delta T = 10m08s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'20, Lahiri = 29°52'22


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## MAY 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 36 24 | 10♉52'57 | 11♌52 | 0♊35 | 24♈31 | 19♒22 | 14♌ 2 | 11°R 7 | 4♈41 | 20°R14 | 29♋25 | 20°R44 | 22♊ 6 | 12♌50 | 15♋ 9 | W 1 |
| T 2 | 14 40 20 | 11°51'24 | 23°44 | 1°18 | 25°45 | 20° 3 | 14° 6 | 11♂ 6 | 4°44 | 20♍13 | 29°26 | 20♊44 | 22° 3 | 12°57 | 15°12 | T 2 |
| F 3 | 14 44 17 | 12°49'50 | 5♍41 | 1°55 | 26°59 | 20°43 | 14°10 | 11° 5 | 4°46 | 20°12 | 29°26 | 20°41 | 21°59 | 13° 4 | 15°16 | F 3 |
| S 4 | 14 48 13 | 13°48'13 | 17°49 | 2°27 | 28°13 | 21°23 | 14°15 | 11° 3 | 4°49 | 20°11 | 29°27 | 20°37 | 21°56 | 13°10 | 15°20 | S 4 |
| S 5 | 14 52 10 | 14°46'34 | 0♎10 | 2°52 | 29°26 | 22° 3 | 14°19 | 11° 2 | 4°52 | 20°10 | 29°27 | 20°32 | 21°53 | 13°17 | 15°24 | S 5 |
| M 6 | 14 56 6 | 15°44'53 | 12°48 | 3°13 | 0♉40 | 22°43 | 14°24 | 11° 0 | 4°55 | 20° 9 | 29°28 | 20°26 | 21°50 | 13°24 | 15°28 | M 6 |
| T 7 | 15 0 3 | 16°43'11 | 25°43 | 3°27 | 1°54 | 23°23 | 14°29 | 10°59 | 4°58 | 20° 9 | 29°28 | 20°20 | 21°47 | 13°30 | 15°32 | T 7 |
| W 8 | 15 3 59 | 17°41'26 | 8♏57 | 3°36 | 3° 8 | 24° 3 | 14°34 | 10°57 | 5° 0 | 20° 8 | 29°29 | 20°15 | 21°44 | 13°37 | 15°36 | W 8 |
| T 9 | 15 7 56 | 18°39'40 | 22°27 | 3°R40 | 4°21 | 24°43 | 14°39 | 10°55 | 5° 3 | 20° 7 | 29°30 | 20°12 | 21°40 | 13°44 | 15°40 | T 9 |
| F 10 | 15 11 52 | 19°37'52 | 6♐12 | 3°38 | 5°35 | 25°23 | 14°45 | 10°53 | 5° 6 | 20° 7 | 29°30 | 20° 9 | 21°37 | 13°50 | 15°45 | F 10 |
| S 11 | 15 15 49 | 20°36'02 | 20° 9 | 3°31 | 6°49 | 26° 3 | 14°50 | 10°52 | 5° 8 | 20° 6 | 29°31 | 20°D 9 | 21°34 | 13°57 | 15°49 | S 11 |
| S 12 | 15 19 46 | 21°34'11 | 4♑14 | 3°19 | 8° 3 | 26°43 | 14°56 | 10°49 | 5°11 | 20° 5 | 29°32 | 20° 9 | 21°31 | 14° 4 | 15°53 | S 12 |
| M13 | 15 23 42 | 22°32'19 | 18°25 | 3° 3 | 9°16 | 27°23 | 15° 2 | 10°47 | 5°14 | 20° 5 | 29°33 | 20°10 | 21°28 | 14°11 | 15°58 | M13 |
| T 14 | 15 27 39 | 23°30'25 | 2♒39 | 2°43 | 10°30 | 28° 3 | 15° 8 | 10°45 | 5°16 | 20° 4 | 29°33 | 20°12 | 21°24 | 14°17 | 16° 2 | T 14 |
| W15 | 15 31 35 | 24°28'29 | 16°53 | 2°18 | 11°44 | 28°43 | 15°14 | 10°43 | 5°19 | 20° 4 | 29°34 | 20°13 | 21°21 | 14°24 | 16° 7 | W15 |
| T 16 | 15 35 32 | 25°26'33 | 1♓ 5 | 1°51 | 12°58 | 29°22 | 15°20 | 10°40 | 5°21 | 20° 3 | 29°35 | 20°R13 | 21°18 | 14°31 | 16°11 | T 16 |
| F 17 | 15 39 28 | 26°24'35 | 15°12 | 1°20 | 14°11 | 0♓ 2 | 15°27 | 10°38 | 5°24 | 20° 3 | 29°36 | 20°12 | 21°15 | 14°37 | 16°16 | F 17 |
| S 18 | 15 43 25 | 27°22'35 | 29°14 | 0°48 | 15°25 | 0°42 | 15°33 | 10°35 | 5°26 | 20° 2 | 29°37 | 20°10 | 21°12 | 14°44 | 16°21 | S 18 |
| S 19 | 15 47 21 | 28°20'35 | 13♈ 6 | 0°13 | 16°39 | 1°21 | 15°40 | 10°33 | 5°28 | 20° 2 | 29°37 | 20° 7 | 21° 9 | 14°51 | 16°26 | S 19 |
| M20 | 15 51 18 | 29°18'32 | 26°49 | 29♉38 | 17°52 | 2° 1 | 15°47 | 10°30 | 5°31 | 20° 1 | 29°38 | 20° 4 | 21° 5 | 14°57 | 16°30 | M20 |
| T 21 | 15 55 15 | 0♊16'29 | 10♉18 | 29° 2 | 19° 6 | 2°40 | 15°54 | 10°27 | 5°33 | 20° 1 | 29°39 | 20° 1 | 21° 2 | 15° 4 | 16°35 | T 21 |
| W22 | 15 59 11 | 1°14'24 | 23°32 | 28°26 | 20°20 | 3°20 | 16° 1 | 10°25 | 5°35 | 20° 1 | 29°40 | 19°59 | 20°59 | 15°11 | 16°40 | W22 |
| T 23 | 16 3 8 | 2°12'18 | 6♊31 | 27°52 | 21°34 | 3°59 | 16° 8 | 10°22 | 5°38 | 20° 1 | 29°41 | 19°58 | 20°56 | 15°17 | 16°45 | T 23 |
| F 24 | 16 7 4 | 3°10'11 | 19°14 | 27°18 | 22°47 | 4°38 | 16°16 | 10°19 | 5°40 | 20° 0 | 29°42 | 19°D57 | 20°53 | 15°24 | 16°50 | F 24 |
| S 25 | 16 11 1 | 4° 8'02 | 1♋42 | 26°47 | 24° 1 | 5°17 | 16°23 | 10°16 | 5°42 | 20° 0 | 29°43 | 19°58 | 20°50 | 15°31 | 16°55 | S 25 |
| S 26 | 16 14 57 | 5° 5'51 | 13°56 | 26°18 | 25°15 | 5°57 | 16°31 | 10°12 | 5°44 | 20° 0 | 29°44 | 19°58 | 20°46 | 15°38 | 17° 1 | S 26 |
| M27 | 16 18 54 | 6° 3'39 | 25°59 | 25°52 | 26°28 | 6°36 | 16°38 | 10° 9 | 5°46 | 20° 0 | 29°45 | 20° 0 | 20°43 | 15°44 | 17° 6 | M27 |
| T 28 | 16 22 51 | 7° 1'25 | 7♌54 | 25°30 | 27°42 | 7°15 | 16°46 | 10° 6 | 5°48 | 20° 0 | 29°46 | 20° 1 | 20°40 | 15°51 | 17°11 | T 28 |
| W29 | 16 26 47 | 7°59'10 | 19°46 | 25°11 | 28°56 | 7°53 | 16°54 | 10° 3 | 5°50 | 20° 0 | 29°47 | 20° 2 | 20°37 | 15°58 | 17°16 | W29 |
| T 30 | 16 30 44 | 8°56'53 | 1♍39 | 24°56 | 0♊ 9 | 8°32 | 17° 2 | 9°59 | 5°52 | 19°59 | 29°48 | 20° 3 | 20°34 | 16° 4 | 17°22 | T 30 |
| F 31 | 16 34 40 | 9♊54'35 | 13♍36 | 24♉45 | 1♊23 | 9♓11 | 17♌11 | 9♂56 | 5♈54 | 19°D59 | 29♋49 | 20°R 3 | 20♊30 | 16♌11 | 17♋27 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n 3 | 21n 4 | 4n 2 | 22n57 | 2n47 | 8n 6 | 1s29 | 16s26 | 1s32 | 17n23 | 0n51 | 21s58 | 0n57 | 1n12 | 0s43 | 4n48 | 1n 1 | 21n38 | 1n26 | 23n 4 | 23n 9 | 20n45 | 15n48 | 6s46 |
| T 2 | 15 21 | 17 56 | 4 37 | 23 5 | 2 47 | 8 33 | 1 28 | 16 14 | 1 33 | 17 22 | 0 51 | 21 58 | 0 57 | 1 13 | 0 43 | 4 48 | 1 1 | 21 38 | 1 26 | 23 4 | 23 9 | 20 43 | 15 48 | 6 45 |
| F 3 | 15 39 | 14 3 | 5 0 | 23 11 | 2 45 | 9 1 | 1 28 | 16 3 | 1 35 | 17 21 | 0 51 | 21 59 | 0 57 | 1 14 | 0 43 | 4 49 | 1 1 | 21 38 | 1 26 | 23 3 | 23 9 | 20 42 | 15 48 | 6 45 |
| S 4 | 15 57 | 9 34 | 5 10 | 23 15 | 2 42 | 9 28 | 1 27 | 15 51 | 1 36 | 17 19 | 0 51 | 21 59 | 0 57 | 1 15 | 0 43 | 4 49 | 1 1 | 21 38 | 1 26 | 23 3 | 23 8 | 20 40 | 15 48 | 6 44 |
| S 5 | 16 14 | 4 37 | 5 6 | 23 16 | 2 38 | 9 55 | 1 26 | 15 40 | 1 38 | 17 18 | 0 51 | 21 59 | 0 57 | 1 16 | 0 43 | 4 49 | 1 1 | 21 38 | 1 26 | 23 3 | 23 8 | 20 39 | 15 48 | 6 44 |
| M 6 | 16 31 | 0s37 | 4 48 | 23 15 | 2 33 | 10 21 | 1 25 | 15 28 | 1 39 | 17 17 | 0 50 | 21 59 | 0 57 | 1 17 | 0 43 | 4 50 | 1 1 | 21 38 | 1 26 | 23 2 | 23 8 | 20 38 | 15 48 | 6 43 |
| T 7 | 16 48 | 5 58 | 4 14 | 23 11 | 2 26 | 10 48 | 1 24 | 15 16 | 1 41 | 17 15 | 0 50 | 21 59 | 0 57 | 1 18 | 0 43 | 4 50 | 1 1 | 21 37 | 1 27 | 23 2 | 23 8 | 20 36 | 15 48 | 6 43 |
| W 8 | 17 4 | 11 11 | 3 26 | 23 5 | 2 18 | 11 14 | 1 23 | 15 5 | 1 42 | 17 14 | 0 50 | 21 59 | 0 57 | 1 19 | 0 43 | 4 50 | 1 1 | 21 37 | 1 27 | 23 2 | 23 8 | 20 35 | 15 48 | 6 43 |
| T 9 | 17 20 | 16 0 | 2 26 | 22 57 | 2 9 | 11 40 | 1 22 | 14 53 | 1 44 | 17 12 | 0 50 | 21 59 | 0 57 | 1 21 | 0 43 | 4 50 | 1 1 | 21 37 | 1 27 | 23 1 | 23 7 | 20 33 | 15 48 | 6 42 |
| F 10 | 17 36 | 20 3 | 1 16 | 22 47 | 1 59 | 12 5 | 1 21 | 14 41 | 1 45 | 17 10 | 0 50 | 21 59 | 0 57 | 1 22 | 0 43 | 4 51 | 1 1 | 21 37 | 1 27 | 23 1 | 23 7 | 20 32 | 15 48 | 6 42 |
| S 11 | 17 52 | 23 1 | 0s 0 | 22 34 | 1 48 | 12 30 | 1 19 | 14 29 | 1 47 | 17 9 | 0 50 | 22 0 | 0 57 | 1 23 | 0 43 | 4 51 | 1 1 | 21 37 | 1 27 | 23 1 | 23 7 | 20 30 | 15 48 | 6 41 |
| S 12 | 18 7 | 24 35 | 1 17 | 22 20 | 1 35 | 12 56 | 1 18 | 14 17 | 1 48 | 17 7 | 0 50 | 22 0 | 0 57 | 1 24 | 0 43 | 4 51 | 1 1 | 21 37 | 1 27 | 23 1 | 23 7 | 20 29 | 15 48 | 6 41 |
| M13 | 18 22 | 24 35 | 2 29 | 22 3 | 1 22 | 13 20 | 1 17 | 14 4 | 1 50 | 17 5 | 0 50 | 22 0 | 0 57 | 1 25 | 0 43 | 4 51 | 1 1 | 21 37 | 1 27 | 23 1 | 23 7 | 20 27 | 15 48 | 6 40 |
| T 14 | 18 36 | 22 58 | 3 32 | 21 45 | 1 7 | 13 45 | 1 15 | 13 52 | 1 52 | 17 3 | 0 50 | 22 0 | 0 57 | 1 26 | 0 43 | 4 51 | 1 1 | 21 37 | 1 27 | 23 1 | 23 6 | 20 26 | 15 48 | 6 40 |
| W15 | 18 51 | 19 55 | 4 23 | 21 25 | 0 52 | 14 9 | 1 14 | 13 40 | 1 53 | 17 1 | 0 50 | 22 0 | 0 57 | 1 27 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 6 | 20 25 | 15 48 | 6 39 |
| T 16 | 19 5 | 15 41 | 4 57 | 21 4 | 0 36 | 14 32 | 1 12 | 13 27 | 1 55 | 17 0 | 0 50 | 22 0 | 0 57 | 1 28 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 6 | 20 23 | 15 48 | 6 39 |
| F 17 | 19 18 | 10 37 | 5 13 | 20 41 | 0 19 | 14 56 | 1 11 | 13 15 | 1 56 | 16 58 | 0 50 | 22 1 | 0 57 | 1 28 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 6 | 20 22 | 15 48 | 6 39 |
| S 18 | 19 32 | 5 3 | 5 10 | 20 18 | 0 2 | 15 19 | 1 9 | 13 2 | 1 58 | 16 56 | 0 50 | 22 1 | 0 57 | 1 29 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 6 | 20 20 | 15 48 | 6 38 |
| S 19 | 19 45 | 0n43 | 4 49 | 19 54 | 0s16 | 15 42 | 1 8 | 12 50 | 2 0 | 16 54 | 0 50 | 22 1 | 0 57 | 1 30 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 5 | 20 19 | 15 48 | 6 38 |
| M20 | 19 57 | 6 23 | 4 12 | 19 29 | 0 33 | 16 4 | 1 6 | 12 37 | 2 1 | 16 51 | 0 50 | 22 1 | 0 57 | 1 31 | 0 43 | 4 52 | 1 1 | 21 36 | 1 27 | 23 1 | 23 5 | 20 17 | 15 47 | 6 37 |
| T 21 | 20 10 | 11 41 | 3 21 | 19 4 | 0 51 | 16 26 | 1 4 | 12 24 | 2 3 | 16 49 | 0 49 | 22 2 | 0 57 | 1 32 | 0 43 | 4 53 | 1 1 | 21 36 | 1 27 | 23 1 | 23 5 | 20 16 | 15 47 | 6 37 |
| W22 | 20 22 | 16 21 | 2 21 | 18 39 | 1 8 | 16 47 | 1 2 | 12 12 | 2 4 | 16 47 | 0 49 | 22 2 | 0 57 | 1 33 | 0 43 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 5 | 20 14 | 15 47 | 6 37 |
| T 23 | 20 33 | 20 8 | 1 13 | 18 15 | 1 25 | 17 8 | 1 1 | 11 59 | 2 6 | 16 45 | 0 49 | 22 2 | 0 57 | 1 34 | 0 43 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 4 | 20 13 | 15 47 | 6 36 |
| F 24 | 20 45 | 22 53 | 0 4 | 17 52 | 1 42 | 17 29 | 0 59 | 11 46 | 2 8 | 16 43 | 0 49 | 22 2 | 0 57 | 1 35 | 0 43 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 4 | 20 11 | 15 46 | 6 36 |
| S 25 | 20 55 | 24 27 | 1n 4 | 17 29 | 1 58 | 17 49 | 0 57 | 11 33 | 2 9 | 16 40 | 0 49 | 22 3 | 0 57 | 1 36 | 0 44 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 4 | 20 10 | 15 46 | 6 36 |
| S 26 | 21 6 | 24 47 | 2 9 | 17 8 | 2 13 | 18 9 | 0 55 | 11 21 | 2 11 | 16 38 | 0 49 | 22 3 | 0 57 | 1 36 | 0 44 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 4 | 20 8 | 15 46 | 6 35 |
| M27 | 21 16 | 23 57 | 3 6 | 16 48 | 2 27 | 18 28 | 0 53 | 11 8 | 2 13 | 16 36 | 0 49 | 22 3 | 0 57 | 1 37 | 0 44 | 4 53 | 1 1 | 21 35 | 1 27 | 23 0 | 23 4 | 20 6 | 15 46 | 6 35 |
| T 28 | 21 26 | 22 2 | 3 55 | 16 29 | 2 41 | 18 46 | 0 51 | 10 55 | 2 14 | 16 33 | 0 49 | 22 3 | 0 57 | 1 38 | 0 44 | 4 53 | 1 1 | 21 34 | 1 27 | 23 1 | 23 3 | 20 5 | 15 45 | 6 35 |
| W29 | 21 35 | 19 11 | 4 34 | 16 13 | 2 53 | 19 5 | 0 49 | 10 42 | 2 16 | 16 31 | 0 49 | 22 4 | 0 57 | 1 39 | 0 44 | 4 53 | 1 1 | 21 34 | 1 27 | 23 1 | 23 3 | 20 3 | 15 45 | 6 34 |
| T 30 | 21 44 | 15 32 | 5 1 | 15 59 | 3 4 | 19 22 | 0 47 | 10 29 | 2 18 | 16 28 | 0 49 | 22 4 | 0 57 | 1 39 | 0 44 | 4 53 | 1 0 | 21 34 | 1 27 | 23 1 | 23 3 | 20 2 | 15 45 | 6 34 |
| F 31 | 21n53 | 11n16 | 5n15 | 15n46 | 3s14 | 19n40 | 0s45 | 10s16 | 2s20 | 16n26 | 0n49 | 22s 4 | 0n57 | 1n40 | 0s44 | 4n53 | 1n 0 | 21n34 | 1n27 | 23n 1 | 23n 3 | 20n 0 | 15n44 | 6s34 |

Julian Day Number = 2608719.5, Delta T = 10m08s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'24, Lahiri = 29°52'26


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## JUNE 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 38 37 | 10♊52'15 | 25♍44 | 24°R38 | 2♊37 | 9♓50 | 17♌19 | 9°R52 | 5♈56 | 19♍59 | 29♋51 | 20°R 2 | 20♊27 | 16♌18 | 17♋33 | S 1 |
| S 2 | 16 42 33 | 11°49'53 | 8♎ 6 | 24°D36 | 3°50 | 10°28 | 17°28 | 9♑49 | 5°58 | 19°59 | 29°52 | 20♊ 2 | 20°24 | 16°24 | 17°38 | S 2 |
| M 3 | 16 46 30 | 12°47'30 | 20°46 | 24♉38 | 5° 4 | 11° 7 | 17°36 | 9°45 | 6° 0 | 20° 0 | 29°53 | 20° 1 | 20°21 | 16°31 | 17°44 | M 3 |
| T 4 | 16 50 26 | 13°45'06 | 3♏47 | 24°45 | 6°18 | 11°45 | 17°45 | 9°41 | 6° 1 | 20° 0 | 29°54 | 20° 0 | 20°18 | 16°38 | 17°49 | T 4 |
| W 5 | 16 54 23 | 14°42'40 | 17°10 | 24°56 | 7°31 | 12°23 | 17°54 | 9°37 | 6° 3 | 20° 0 | 29°55 | 19°59 | 20°15 | 16°45 | 17°55 | W 5 |
| T 6 | 16 58 20 | 15°40'13 | 0♐55 | 25°12 | 8°45 | 13° 1 | 18° 3 | 9°34 | 6° 5 | 20° 0 | 29°56 | 19°59 | 20°11 | 16°51 | 18° 0 | T 6 |
| F 7 | 17 2 16 | 16°37'45 | 15° 0 | 25°32 | 9°59 | 13°40 | 18°12 | 9°30 | 6° 6 | 20° 0 | 29°58 | 19°D59 | 20° 8 | 16°58 | 18° 6 | F 7 |
| S 8 | 17 6 13 | 17°35'16 | 29°22 | 25°56 | 11°12 | 14°18 | 18°21 | 9°26 | 6° 8 | 20° 0 | 29°59 | 19°59 | 20° 5 | 17° 5 | 18°12 | S 8 |
| S 9 | 17 10 9 | 18°32'46 | 13♑54 | 26°25 | 12°26 | 14°55 | 18°30 | 9°22 | 6°10 | 20° 1 | 0♌ 0 | 19°59 | 20° 2 | 17°11 | 18°17 | S 9 |
| M10 | 17 14 6 | 19°30'15 | 28°32 | 26°58 | 13°40 | 15°33 | 18°39 | 9°18 | 6°11 | 20° 1 | 0° 1 | 19°59 | 19°59 | 17°18 | 18°23 | M10 |
| T 11 | 17 18 2 | 20°27'43 | 13♒ 9 | 27°35 | 14°53 | 16°11 | 18°49 | 9°14 | 6°13 | 20° 1 | 0° 3 | 19°R59 | 19°56 | 17°25 | 18°29 | T 11 |
| W12 | 17 21 59 | 21°25'11 | 27°40 | 28°16 | 16° 7 | 16°49 | 18°58 | 9°10 | 6°14 | 20° 2 | 0° 4 | 19°59 | 19°52 | 17°31 | 18°35 | W12 |
| T 13 | 17 25 55 | 22°22'38 | 11♓59 | 29° 1 | 17°21 | 17°26 | 19° 8 | 9° 6 | 6°15 | 20° 2 | 0° 5 | 19°59 | 19°49 | 17°38 | 18°41 | T 13 |
| F 14 | 17 29 52 | 23°20'04 | 26° 6 | 29°50 | 18°34 | 18° 3 | 19°18 | 9° 2 | 6°17 | 20° 3 | 0° 7 | 19°D59 | 19°46 | 17°45 | 18°47 | F 14 |
| S 15 | 17 33 49 | 24°17'29 | 9♈57 | 0♊42 | 19°48 | 18°41 | 19°28 | 8°57 | 6°18 | 20° 3 | 0° 8 | 19°59 | 19°43 | 17°52 | 18°53 | S 15 |
| S 16 | 17 37 45 | 25°14'54 | 23°33 | 1°38 | 21° 2 | 19°18 | 19°38 | 8°53 | 6°19 | 20° 3 | 0° 9 | 19°59 | 19°40 | 17°58 | 18°59 | S 16 |
| M17 | 17 41 42 | 26°12'19 | 6♉53 | 2°38 | 22°15 | 19°55 | 19°48 | 8°49 | 6°20 | 20° 4 | 0°11 | 20° 0 | 19°36 | 18° 5 | 19° 5 | M17 |
| T 18 | 17 45 38 | 27° 9'43 | 19°58 | 3°41 | 23°29 | 20°31 | 19°58 | 8°45 | 6°21 | 20° 5 | 0°12 | 20° 0 | 19°33 | 18°12 | 19°11 | T 18 |
| W19 | 17 49 35 | 28° 7'06 | 2♊49 | 4°47 | 24°43 | 21° 8 | 20° 8 | 8°40 | 6°23 | 20° 5 | 0°13 | 20° 1 | 19°30 | 18°18 | 19°17 | W19 |
| T 20 | 17 53 31 | 29° 4'29 | 15°27 | 5°57 | 25°56 | 21°44 | 20°18 | 8°36 | 6°24 | 20° 6 | 0°15 | 20°R 1 | 19°27 | 18°25 | 19°23 | T 20 |
| F 21 | 17 57 28 | 0♋ 1'51 | 27°54 | 7°10 | 27°10 | 22°21 | 20°29 | 8°32 | 6°25 | 20° 6 | 0°16 | 20° 1 | 19°24 | 18°32 | 19°29 | F 21 |
| S 22 | 18 1 24 | 0°59'13 | 10♋ 9 | 8°27 | 28°24 | 22°57 | 20°39 | 8°27 | 6°26 | 20° 7 | 0°18 | 20° 1 | 19°21 | 18°38 | 19°35 | S 22 |
| S 23 | 18 5 21 | 1°56'34 | 22°15 | 9°47 | 29°38 | 23°33 | 20°50 | 8°23 | 6°27 | 20° 8 | 0°19 | 19°59 | 19°17 | 18°45 | 19°41 | S 23 |
| M24 | 18 9 18 | 2°53'54 | 4♌13 | 11° 9 | 0♋51 | 24° 9 | 21° 0 | 8°19 | 6°27 | 20° 9 | 0°21 | 19°58 | 19°14 | 18°52 | 19°47 | M24 |
| T 25 | 18 13 14 | 3°51'13 | 16° 7 | 12°35 | 2° 5 | 24°44 | 21°11 | 8°14 | 6°28 | 20° 9 | 0°22 | 19°56 | 19°11 | 18°59 | 19°54 | T 25 |
| W26 | 18 17 11 | 4°48'32 | 27°58 | 14° 5 | 3°19 | 25°20 | 21°22 | 8°10 | 6°29 | 20°10 | 0°24 | 19°54 | 19° 8 | 19° 5 | 20° 0 | W26 |
| T 27 | 18 21 7 | 5°45'50 | 9♍50 | 15°37 | 4°32 | 25°55 | 21°32 | 8° 5 | 6°30 | 20°11 | 0°25 | 19°52 | 19° 5 | 19°12 | 20° 6 | T 27 |
| F 28 | 18 25 4 | 6°43'07 | 21°47 | 17°12 | 5°46 | 26°30 | 21°43 | 8° 1 | 6°30 | 20°12 | 0°27 | 19°50 | 19° 2 | 19°19 | 20°12 | F 28 |
| S 29 | 18 29 0 | 7°40'24 | 3♎53 | 18°50 | 7° 0 | 27° 5 | 21°54 | 7°57 | 6°31 | 20°13 | 0°28 | 19°D50 | 18°58 | 19°25 | 20°19 | S 29 |
| S 30 | 18 32 57 | 8♋37'39 | 16♎12 | 20♊32 | 8♋14 | 27♓40 | 22♌ 6 | 7♑52 | 6♈32 | 20♍14 | 0♌30 | 19♊50 | 18♊55 | 19♌32 | 20♋25 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 1 | 6n31 | 5n15 | 15n36 | 3s23 | 19n56 | 0s43 | 10s 3 | 2s21 | 16n23 | 0n49 | 22s 4 | 0n57 | 1n41 | 0s44 | 4n53 | 1n 0 | 21n34 | 1n27 | 23n 1 | 23n 2 | 19n59 | 15n44 | 6s33 |
| S 2 | 22 9 | 1 25 | 5 1 | 15 28 | 3 31 | 20 12 | 0 40 | 9 50 | 2 23 | 16 20 | 0 49 | 22 5 | 0 57 | 1 42 | 0 44 | 4 53 | 1 0 | 21 33 | 1 27 | 23 1 | 23 2 | 19 57 | 15 44 | 6 33 |
| M 3 | 22 17 | 3s53 | 4 32 | 15 22 | 3 38 | 20 28 | 0 38 | 9 37 | 2 25 | 16 18 | 0 49 | 22 5 | 0 57 | 1 42 | 0 44 | 4 53 | 1 0 | 21 33 | 1 27 | 23 1 | 23 2 | 19 56 | 15 43 | 6 33 |
| T 4 | 22 24 | 9 9 | 3 49 | 15 18 | 3 43 | 20 43 | 0 36 | 9 24 | 2 27 | 16 15 | 0 49 | 22 5 | 0 57 | 1 43 | 0 44 | 4 53 | 1 0 | 21 33 | 1 27 | 23 0 | 23 2 | 19 54 | 15 43 | 6 32 |
| W 5 | 22 31 | 14 10 | 2 52 | 15 16 | 3 48 | 20 58 | 0 34 | 9 11 | 2 28 | 16 12 | 0 49 | 22 6 | 0 57 | 1 44 | 0 44 | 4 53 | 1 0 | 21 33 | 1 27 | 23 0 | 23 2 | 19 52 | 15 42 | 6 32 |
| T 6 | 22 37 | 18 36 | 1 44 | 15 17 | 3 51 | 21 11 | 0 32 | 8 58 | 2 30 | 16 10 | 0 49 | 22 6 | 0 57 | 1 44 | 0 44 | 4 53 | 1 0 | 21 32 | 1 28 | 23 0 | 23 1 | 19 51 | 15 42 | 6 32 |
| F 7 | 22 43 | 22 5 | 0 28 | 15 19 | 3 54 | 21 25 | 0 29 | 8 45 | 2 32 | 16 7 | 0 49 | 22 6 | 0 57 | 1 45 | 0 44 | 4 52 | 1 0 | 21 32 | 1 28 | 23 0 | 23 1 | 19 49 | 15 41 | 6 32 |
| S 8 | 22 48 | 24 15 | 0s52 | 15 23 | 3 55 | 21 37 | 0 27 | 8 32 | 2 34 | 16 4 | 0 49 | 22 7 | 0 57 | 1 45 | 0 44 | 4 52 | 1 0 | 21 32 | 1 28 | 23 0 | 23 1 | 19 48 | 15 41 | 6 31 |
| S 9 | 22 53 | 24 48 | 2 9 | 15 29 | 3 55 | 21 50 | 0 25 | 8 19 | 2 35 | 16 1 | 0 48 | 22 7 | 0 56 | 1 46 | 0 44 | 4 52 | 1 0 | 21 32 | 1 28 | 23 0 | 23 1 | 19 46 | 15 40 | 6 31 |
| M10 | 22 58 | 23 38 | 3 18 | 15 37 | 3 55 | 22 1 | 0 22 | 8 6 | 2 37 | 15 58 | 0 48 | 22 7 | 0 56 | 1 47 | 0 44 | 4 52 | 1 0 | 21 32 | 1 28 | 23 0 | 23 0 | 19 44 | 15 40 | 6 31 |
| T 11 | 23 2 | 20 53 | 4 14 | 15 47 | 3 53 | 22 12 | 0 20 | 7 53 | 2 39 | 15 55 | 0 48 | 22 8 | 0 56 | 1 47 | 0 44 | 4 52 | 1 0 | 21 31 | 1 28 | 23 0 | 23 0 | 19 43 | 15 39 | 6 31 |
| W12 | 23 6 | 16 51 | 4 53 | 15 58 | 3 51 | 22 22 | 0 18 | 7 40 | 2 41 | 15 52 | 0 48 | 22 8 | 0 56 | 1 48 | 0 44 | 4 52 | 1 0 | 21 31 | 1 28 | 23 0 | 23 0 | 19 41 | 15 39 | 6 30 |
| T 13 | 23 10 | 11 53 | 5 14 | 16 11 | 3 48 | 22 32 | 0 15 | 7 27 | 2 42 | 15 49 | 0 48 | 22 8 | 0 56 | 1 48 | 0 44 | 4 52 | 1 0 | 21 31 | 1 28 | 23 0 | 23 0 | 19 40 | 15 38 | 6 30 |
| F 14 | 23 13 | 6 22 | 5 15 | 16 25 | 3 44 | 22 41 | 0 13 | 7 14 | 2 44 | 15 46 | 0 48 | 22 9 | 0 56 | 1 49 | 0 44 | 4 51 | 1 0 | 21 31 | 1 28 | 23 0 | 22 59 | 19 38 | 15 38 | 6 30 |
| S 15 | 23 16 | 0 38 | 4 58 | 16 41 | 3 39 | 22 49 | 0 11 | 7 1 | 2 46 | 15 43 | 0 48 | 22 9 | 0 56 | 1 49 | 0 44 | 4 51 | 1 0 | 21 30 | 1 28 | 23 0 | 22 59 | 19 36 | 15 37 | 6 30 |
| S 16 | 23 18 | 5n 1 | 4 24 | 16 57 | 3 34 | 22 57 | 0 8 | 6 48 | 2 48 | 15 40 | 0 48 | 22 9 | 0 56 | 1 50 | 0 44 | 4 51 | 1 0 | 21 30 | 1 28 | 23 0 | 22 59 | 19 35 | 15 37 | 6 30 |
| M17 | 23 20 | 10 22 | 3 37 | 17 15 | 3 28 | 23 4 | 0 6 | 6 35 | 2 50 | 15 36 | 0 48 | 22 10 | 0 56 | 1 50 | 0 44 | 4 51 | 1 0 | 21 30 | 1 28 | 23 0 | 22 59 | 19 33 | 15 36 | 6 29 |
| T 18 | 23 21 | 15 8 | 2 39 | 17 33 | 3 21 | 23 10 | 0 3 | 6 23 | 2 51 | 15 33 | 0 48 | 22 10 | 0 56 | 1 50 | 0 44 | 4 51 | 1 0 | 21 30 | 1 28 | 23 0 | 22 58 | 19 31 | 15 35 | 6 29 |
| W19 | 23 22 | 19 8 | 1 34 | 17 52 | 3 14 | 23 16 | 0 1 | 6 10 | 2 53 | 15 30 | 0 48 | 22 10 | 0 56 | 1 51 | 0 44 | 4 50 | 1 0 | 21 29 | 1 28 | 23 1 | 22 58 | 19 30 | 15 35 | 6 29 |
| T 20 | 23 23 | 22 10 | 0 25 | 18 12 | 3 6 | 23 21 | 0n 1 | 5 57 | 2 55 | 15 27 | 0 48 | 22 11 | 0 56 | 1 51 | 0 44 | 4 50 | 1 0 | 21 29 | 1 28 | 23 1 | 22 58 | 19 28 | 15 34 | 6 29 |
| F 21 | 23 23 | 24 5 | 0n43 | 18 33 | 2 57 | 23 25 | 0 4 | 5 44 | 2 57 | 15 23 | 0 48 | 22 11 | 0 56 | 1 52 | 0 44 | 4 50 | 1 0 | 21 29 | 1 28 | 23 1 | 22 58 | 19 26 | 15 33 | 6 29 |
| S 22 | 23 23 | 24 49 | 1 49 | 18 53 | 2 48 | 23 29 | 0 6 | 5 32 | 2 59 | 15 20 | 0 48 | 22 11 | 0 56 | 1 52 | 0 44 | 4 49 | 1 0 | 21 29 | 1 28 | 23 1 | 22 57 | 19 25 | 15 33 | 6 29 |
| S 23 | 23 22 | 24 20 | 2 49 | 19 15 | 2 39 | 23 32 | 0 9 | 5 19 | 3 1 | 15 17 | 0 48 | 22 12 | 0 56 | 1 52 | 0 44 | 4 49 | 1 0 | 21 28 | 1 28 | 23 0 | 22 57 | 19 23 | 15 32 | 6 28 |
| M24 | 23 21 | 22 44 | 3 41 | 19 36 | 2 29 | 23 34 | 0 11 | 5 7 | 3 2 | 15 13 | 0 48 | 22 12 | 0 56 | 1 53 | 0 44 | 4 49 | 1 0 | 21 28 | 1 28 | 23 0 | 22 57 | 19 21 | 15 31 | 6 28 |
| T 25 | 23 20 | 20 9 | 4 22 | 19 57 | 2 19 | 23 35 | 0 13 | 4 54 | 3 4 | 15 10 | 0 48 | 22 12 | 0 56 | 1 53 | 0 44 | 4 48 | 1 0 | 21 28 | 1 28 | 23 0 | 22 57 | 19 20 | 15 31 | 6 28 |
| W26 | 23 18 | 16 44 | 4 53 | 20 19 | 2 8 | 23 36 | 0 16 | 4 42 | 3 6 | 15 6 | 0 48 | 22 13 | 0 55 | 1 53 | 0 45 | 4 48 | 1 0 | 21 28 | 1 28 | 23 0 | 22 56 | 19 18 | 15 30 | 6 28 |
| T 27 | 23 16 | 12 39 | 5 11 | 20 40 | 1 57 | 23 36 | 0 18 | 4 30 | 3 8 | 15 3 | 0 48 | 22 13 | 0 55 | 1 53 | 0 45 | 4 48 | 1 0 | 21 27 | 1 28 | 23 0 | 22 56 | 19 16 | 15 29 | 6 28 |
| F 28 | 23 13 | 8 5 | 5 15 | 21 1 | 1 46 | 23 36 | 0 20 | 4 17 | 3 10 | 14 59 | 0 48 | 22 13 | 0 55 | 1 54 | 0 45 | 4 47 | 1 0 | 21 27 | 1 28 | 23 0 | 22 56 | 19 14 | 15 28 | 6 28 |
| S 29 | 23 10 | 3 9 | 5 6 | 21 21 | 1 35 | 23 35 | 0 23 | 4 5 | 3 12 | 14 56 | 0 48 | 22 14 | 0 55 | 1 54 | 0 45 | 4 47 | 1 0 | 21 27 | 1 29 | 23 0 | 22 56 | 19 13 | 15 27 | 6 28 |
| S 30 | 23n 6 | 2s 0 | 4n43 | 21n40 | 1s23 | 23n33 | 0n25 | 3s53 | 3s14 | 14n52 | 0n48 | 22s14 | 0n55 | 1n54 | 0s45 | 4n47 | 1n 0 | 21n26 | 1n29 | 23n 0 | 22n55 | 19n11 | 15n27 | 6s28 |

Julian Day Number = 2608750.5, Delta T = 10m08s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'29, Lahiri = 29°52'30


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## JULY 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 36 53 | 9♋34'55 | 28♎49 | 22♊16 | 9♋27 | 28♓15 | 22♌17 | 7°R48 | 6♈32 | 20♍15 | 0♌31 | 19♊51 | 18♊52 | 19♌39 | 20♋31 | M 1 |
| T 2 | 18 40 50 | 10°32'09 | 11♏48 | 24° 3 | 10°41 | 28°49 | 22°28 | 7♑43 | 6°33 | 20°16 | 0°33 | 19°52 | 18°49 | 19°46 | 20°38 | T 2 |
| W 3 | 18 44 47 | 11°29'23 | 25°12 | 25°53 | 11°55 | 29°23 | 22°39 | 7°39 | 6°33 | 20°17 | 0°34 | 19°53 | 18°46 | 19°52 | 20°44 | W 3 |
| T 4 | 18 48 43 | 12°26'37 | 9♐ 2 | 27°46 | 13° 8 | 29°57 | 22°51 | 7°34 | 6°33 | 20°18 | 0°36 | 19°54 | 18°42 | 19°59 | 20°50 | T 4 |
| F 5 | 18 52 40 | 13°23'50 | 23°17 | 29°41 | 14°22 | 0♈31 | 23° 2 | 7°30 | 6°34 | 20°19 | 0°37 | 19°R55 | 18°39 | 20° 6 | 20°57 | F 5 |
| S 6 | 18 56 36 | 14°21'03 | 7♑54 | 1♋39 | 15°36 | 1° 4 | 23°13 | 7°26 | 6°34 | 20°20 | 0°39 | 19°54 | 18°36 | 20°12 | 21° 3 | S 6 |
| S 7 | 19 0 33 | 15°18'15 | 22°48 | 3°39 | 16°50 | 1°37 | 23°25 | 7°21 | 6°34 | 20°21 | 0°40 | 19°52 | 18°33 | 20°19 | 21° 9 | S 7 |
| M 8 | 19 4 29 | 16°15'28 | 7♒50 | 5°42 | 18° 3 | 2°10 | 23°37 | 7°17 | 6°34 | 20°22 | 0°42 | 19°49 | 18°30 | 20°26 | 21°16 | M 8 |
| T 9 | 19 8 26 | 17°12'40 | 22°51 | 7°46 | 19°17 | 2°43 | 23°48 | 7°13 | 6°35 | 20°23 | 0°44 | 19°45 | 18°27 | 20°32 | 21°22 | T 9 |
| W10 | 19 12 23 | 18° 9'53 | 7♓42 | 9°52 | 20°31 | 3°16 | 24° 0 | 7° 8 | 6°35 | 20°25 | 0°45 | 19°42 | 18°23 | 20°39 | 21°29 | W10 |
| T 11 | 19 16 19 | 19° 7'05 | 22°18 | 11°59 | 21°45 | 3°48 | 24°12 | 7° 4 | 6°R35 | 20°26 | 0°47 | 19°39 | 18°20 | 20°46 | 21°35 | T 11 |
| F 12 | 19 20 16 | 20° 4'18 | 6♈32 | 14° 8 | 22°59 | 4°20 | 24°24 | 7° 0 | 6°35 | 20°27 | 0°48 | 19°37 | 18°17 | 20°53 | 21°41 | F 12 |
| S 13 | 19 24 12 | 21° 1'31 | 20°24 | 16°17 | 24°12 | 4°51 | 24°35 | 6°56 | 6°35 | 20°28 | 0°50 | 19°D36 | 18°14 | 20°59 | 21°48 | S 13 |
| S 14 | 19 28 9 | 21°58'44 | 3♉53 | 18°27 | 25°26 | 5°23 | 24°47 | 6°51 | 6°35 | 20°30 | 0°51 | 19°36 | 18°11 | 21° 6 | 21°54 | S 14 |
| M15 | 19 32 5 | 22°55'58 | 17° 1 | 20°37 | 26°40 | 5°54 | 24°59 | 6°47 | 6°34 | 20°31 | 0°53 | 19°38 | 18° 7 | 21°13 | 22° 1 | M15 |
| T 16 | 19 36 2 | 23°53'12 | 29°50 | 22°47 | 27°54 | 6°25 | 25°11 | 6°43 | 6°34 | 20°32 | 0°55 | 19°39 | 18° 4 | 21°19 | 22° 7 | T 16 |
| W17 | 19 39 58 | 24°50'27 | 12♊24 | 24°57 | 29° 7 | 6°55 | 25°23 | 6°39 | 6°34 | 20°34 | 0°56 | 19°41 | 18° 1 | 21°26 | 22°13 | W17 |
| T 18 | 19 43 55 | 25°47'42 | 24°45 | 27° 6 | 0♌21 | 7°26 | 25°36 | 6°35 | 6°34 | 20°35 | 0°58 | 19°R41 | 17°58 | 21°33 | 22°20 | T 18 |
| F 19 | 19 47 52 | 26°44'57 | 6♋56 | 29°14 | 1°35 | 7°55 | 25°48 | 6°31 | 6°33 | 20°37 | 1° 0 | 19°39 | 17°55 | 21°40 | 22°26 | F 19 |
| S 20 | 19 51 48 | 27°42'13 | 19° 0 | 1♌22 | 2°49 | 8°25 | 26° 0 | 6°27 | 6°33 | 20°38 | 1° 1 | 19°36 | 17°52 | 21°46 | 22°33 | S 20 |
| S 21 | 19 55 45 | 28°39'29 | 0♌58 | 3°28 | 4° 3 | 8°54 | 26°12 | 6°23 | 6°32 | 20°40 | 1° 3 | 19°31 | 17°48 | 21°53 | 22°39 | S 21 |
| M22 | 19 59 41 | 29°36'45 | 12°52 | 5°33 | 5°17 | 9°23 | 26°25 | 6°19 | 6°32 | 20°41 | 1° 4 | 19°24 | 17°45 | 22° 0 | 22°46 | M22 |
| T 23 | 20 3 38 | 0♌34'01 | 24°43 | 7°37 | 6°31 | 9°51 | 26°37 | 6°15 | 6°31 | 20°43 | 1° 6 | 19°17 | 17°42 | 22° 6 | 22°52 | T 23 |
| W24 | 20 7 34 | 1°31'17 | 6♍34 | 9°39 | 7°44 | 10°19 | 26°49 | 6°11 | 6°31 | 20°44 | 1° 8 | 19° 9 | 17°39 | 22°13 | 22°58 | W24 |
| T 25 | 20 11 31 | 2°28'34 | 18°27 | 11°39 | 8°58 | 10°47 | 27° 2 | 6° 8 | 6°30 | 20°46 | 1° 9 | 19° 2 | 17°36 | 22°20 | 23° 5 | T 25 |
| F 26 | 20 15 27 | 3°25'51 | 0♎24 | 13°38 | 10°12 | 11°14 | 27°14 | 6° 4 | 6°30 | 20°48 | 1°11 | 18°56 | 17°33 | 22°27 | 23°11 | F 26 |
| S 27 | 20 19 24 | 4°23'08 | 12°30 | 15°35 | 11°26 | 11°41 | 27°27 | 6° 0 | 6°29 | 20°49 | 1°12 | 18°52 | 17°29 | 22°33 | 23°17 | S 27 |
| S 28 | 20 23 21 | 5°20'25 | 24°47 | 17°31 | 12°40 | 12° 8 | 27°39 | 5°57 | 6°28 | 20°51 | 1°14 | 18°49 | 17°26 | 22°40 | 23°24 | S 28 |
| M29 | 20 27 17 | 6°17'43 | 7♏20 | 19°24 | 13°54 | 12°34 | 27°52 | 5°53 | 6°27 | 20°53 | 1°16 | 18°D49 | 17°23 | 22°47 | 23°30 | M29 |
| T 30 | 20 31 14 | 7°15'01 | 20°14 | 21°16 | 15° 8 | 12°59 | 28° 5 | 5°50 | 6°26 | 20°54 | 1°17 | 18°49 | 17°20 | 22°53 | 23°36 | T 30 |
| W31 | 20 35 10 | 8♌12'19 | 3♐32 | 23♌ 7 | 16♌21 | 13♈24 | 28♌17 | 5♑46 | 6♈26 | 20♍56 | 1♌19 | 18♊50 | 17♊17 | 23♌ 0 | 23♋43 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 2 | 7s12 | 4n 5 | 21n58 | 1s11 | 23n30 | 0n27 | 3s41 | 3s15 | 14n48 | 0n48 | 22s14 | 0n55 | 1n54 | 0s45 | 4n46 | 1n 0 | 21n26 | 1n29 | 23n 0 | 22n55 | 19n 9 | 15n26 | 6s28 |
| T 2 | 22 58 | 12 15 | 3 15 | 22 16 | 0 59 | 23 27 | 0 29 | 3 29 | 3 17 | 14 45 | 0 48 | 22 15 | 0 55 | 1 54 | 0 45 | 4 46 | 1 0 | 21 26 | 1 29 | 23 0 | 22 55 | 19 7 | 15 25 | 6 28 |
| W 3 | 22 53 | 16 53 | 2 12 | 22 32 | 0 48 | 23 23 | 0 32 | 3 17 | 3 19 | 14 41 | 0 48 | 22 15 | 0 55 | 1 55 | 0 45 | 4 45 | 1 0 | 21 26 | 1 29 | 23 0 | 22 55 | 19 6 | 15 24 | 6 27 |
| T 4 | 22 48 | 20 46 | 1 0 | 22 46 | 0 36 | 23 18 | 0 34 | 3 6 | 3 21 | 14 37 | 0 48 | 22 15 | 0 55 | 1 55 | 0 45 | 4 45 | 1 0 | 21 25 | 1 29 | 23 0 | 22 54 | 19 4 | 15 23 | 6 27 |
| F 5 | 22 43 | 23 31 | 0s19 | 22 59 | 0 24 | 23 12 | 0 36 | 2 54 | 3 23 | 14 34 | 0 48 | 22 16 | 0 55 | 1 55 | 0 45 | 4 45 | 1 0 | 21 25 | 1 29 | 23 0 | 22 54 | 19 2 | 15 22 | 6 27 |
| S 6 | 22 37 | 24 46 | 1 37 | 23 10 | 0 12 | 23 6 | 0 38 | 2 42 | 3 25 | 14 30 | 0 48 | 22 16 | 0 55 | 1 55 | 0 45 | 4 44 | 1 0 | 21 25 | 1 29 | 23 0 | 22 54 | 19 0 | 15 22 | 6 27 |
| S 7 | 22 30 | 24 16 | 2 51 | 23 19 | 0 1 | 23 0 | 0 40 | 2 31 | 3 27 | 14 26 | 0 48 | 22 16 | 0 55 | 1 55 | 0 45 | 4 44 | 1 0 | 21 24 | 1 29 | 23 0 | 22 53 | 18 59 | 15 21 | 6 27 |
| M 8 | 22 24 | 22 1 | 3 53 | 23 26 | 0n10 | 22 52 | 0 42 | 2 20 | 3 28 | 14 22 | 0 48 | 22 17 | 0 54 | 1 55 | 0 45 | 4 43 | 1 0 | 21 24 | 1 29 | 23 0 | 22 53 | 18 57 | 15 20 | 6 27 |
| T 9 | 22 17 | 18 16 | 4 39 | 23 31 | 0 21 | 22 44 | 0 44 | 2 8 | 3 30 | 14 18 | 0 48 | 22 17 | 0 54 | 1 55 | 0 45 | 4 43 | 1 0 | 21 24 | 1 29 | 22 59 | 22 53 | 18 55 | 15 19 | 6 27 |
| W10 | 22 9 | 13 24 | 5 6 | 23 33 | 0 32 | 22 35 | 0 46 | 1 57 | 3 32 | 14 14 | 0 48 | 22 17 | 0 54 | 1 55 | 0 45 | 4 42 | 1 0 | 21 24 | 1 29 | 22 59 | 22 53 | 18 53 | 15 18 | 6 27 |
| T 11 | 22 1 | 7 50 | 5 13 | 23 32 | 0 42 | 22 26 | 0 48 | 1 46 | 3 34 | 14 11 | 0 48 | 22 18 | 0 54 | 1 55 | 0 45 | 4 42 | 0 59 | 21 23 | 1 29 | 22 59 | 22 52 | 18 52 | 15 17 | 6 27 |
| F 12 | 21 53 | 2 0 | 4 59 | 23 29 | 0 51 | 22 16 | 0 50 | 1 35 | 3 36 | 14 7 | 0 48 | 22 18 | 0 54 | 1 55 | 0 45 | 4 41 | 0 59 | 21 23 | 1 29 | 22 59 | 22 52 | 18 50 | 15 16 | 6 27 |
| S 13 | 21 45 | 3n48 | 4 29 | 23 23 | 1 0 | 22 5 | 0 52 | 1 24 | 3 38 | 14 3 | 0 48 | 22 18 | 0 54 | 1 55 | 0 45 | 4 41 | 0 59 | 21 23 | 1 29 | 22 59 | 22 52 | 18 48 | 15 15 | 6 27 |
| S 14 | 21 36 | 9 16 | 3 44 | 23 14 | 1 8 | 21 53 | 0 54 | 1 14 | 3 40 | 13 59 | 0 48 | 22 19 | 0 54 | 1 55 | 0 45 | 4 40 | 0 59 | 21 22 | 1 29 | 22 59 | 22 52 | 18 46 | 15 14 | 6 27 |
| M15 | 21 26 | 14 10 | 2 49 | 23 3 | 1 15 | 21 41 | 0 56 | 1 3 | 3 41 | 13 55 | 0 48 | 22 19 | 0 54 | 1 55 | 0 45 | 4 40 | 0 59 | 21 22 | 1 29 | 22 59 | 22 51 | 18 44 | 15 13 | 6 27 |
| T 16 | 21 17 | 18 20 | 1 46 | 22 49 | 1 22 | 21 29 | 0 58 | 0 53 | 3 43 | 13 51 | 0 48 | 22 19 | 0 54 | 1 55 | 0 45 | 4 39 | 0 59 | 21 22 | 1 29 | 22 59 | 22 51 | 18 43 | 15 12 | 6 27 |
| W17 | 21 7 | 21 34 | 0 40 | 22 32 | 1 28 | 21 15 | 1 0 | 0 42 | 3 45 | 13 47 | 0 48 | 22 20 | 0 53 | 1 54 | 0 45 | 4 38 | 0 59 | 21 21 | 1 30 | 22 59 | 22 51 | 18 41 | 15 11 | 6 27 |
| T 18 | 20 56 | 23 44 | 0n28 | 22 13 | 1 33 | 21 2 | 1 1 | 0 32 | 3 47 | 13 43 | 0 48 | 22 20 | 0 53 | 1 54 | 0 45 | 4 38 | 0 59 | 21 21 | 1 30 | 22 59 | 22 50 | 18 39 | 15 10 | 6 27 |
| F 19 | 20 45 | 24 45 | 1 33 | 21 51 | 1 37 | 20 47 | 1 3 | 0 22 | 3 49 | 13 38 | 0 48 | 22 20 | 0 53 | 1 54 | 0 45 | 4 37 | 0 59 | 21 21 | 1 30 | 22 59 | 22 50 | 18 37 | 15 9 | 6 27 |
| S 20 | 20 34 | 24 34 | 2 33 | 21 27 | 1 41 | 20 32 | 1 5 | 0 12 | 3 51 | 13 34 | 0 48 | 22 21 | 0 53 | 1 54 | 0 45 | 4 37 | 0 59 | 21 21 | 1 30 | 22 59 | 22 50 | 18 35 | 15 8 | 6 28 |
| S 21 | 20 23 | 23 14 | 3 25 | 21 1 | 1 44 | 20 16 | 1 6 | 0 3 | 3 52 | 13 30 | 0 48 | 22 21 | 0 53 | 1 54 | 0 45 | 4 36 | 0 59 | 21 20 | 1 30 | 22 58 | 22 50 | 18 34 | 15 7 | 6 28 |
| M22 | 20 11 | 20 53 | 4 8 | 20 33 | 1 46 | 20 0 | 1 8 | 0n 7 | 3 54 | 13 26 | 0 48 | 22 21 | 0 53 | 1 54 | 0 45 | 4 35 | 0 59 | 21 20 | 1 30 | 22 58 | 22 49 | 18 32 | 15 6 | 6 28 |
| T 23 | 19 59 | 17 40 | 4 41 | 20 4 | 1 48 | 19 43 | 1 9 | 0 16 | 3 56 | 13 22 | 0 48 | 22 21 | 0 53 | 1 53 | 0 45 | 4 35 | 0 59 | 21 20 | 1 30 | 22 57 | 22 49 | 18 30 | 15 4 | 6 28 |
| W24 | 19 47 | 13 44 | 5 1 | 19 32 | 1 48 | 19 26 | 1 11 | 0 26 | 3 58 | 13 18 | 0 48 | 22 22 | 0 53 | 1 53 | 0 45 | 4 34 | 0 59 | 21 19 | 1 30 | 22 57 | 22 49 | 18 28 | 15 3 | 6 28 |
| T 25 | 19 34 | 9 17 | 5 8 | 18 59 | 1 48 | 19 8 | 1 12 | 0 35 | 4 0 | 13 13 | 0 48 | 22 22 | 0 53 | 1 53 | 0 46 | 4 34 | 0 59 | 21 19 | 1 30 | 22 56 | 22 48 | 18 26 | 15 2 | 6 28 |
| F 26 | 19 21 | 4 28 | 5 2 | 18 25 | 1 48 | 18 49 | 1 13 | 0 44 | 4 1 | 13 9 | 0 48 | 22 22 | 0 52 | 1 53 | 0 46 | 4 33 | 0 59 | 21 19 | 1 30 | 22 55 | 22 48 | 18 24 | 15 1 | 6 28 |
| S 27 | 19 7 | 0s35 | 4 43 | 17 49 | 1 46 | 18 30 | 1 15 | 0 53 | 4 3 | 13 5 | 0 48 | 22 23 | 0 52 | 1 52 | 0 46 | 4 32 | 0 59 | 21 19 | 1 30 | 22 55 | 22 48 | 18 22 | 15 0 | 6 28 |
| S 28 | 18 53 | 5 42 | 4 10 | 17 12 | 1 44 | 18 11 | 1 16 | 1 1 | 4 5 | 13 0 | 0 48 | 22 23 | 0 52 | 1 52 | 0 46 | 4 32 | 0 59 | 21 18 | 1 30 | 22 55 | 22 48 | 18 21 | 14 59 | 6 28 |
| M29 | 18 39 | 10 42 | 3 25 | 16 35 | 1 42 | 17 51 | 1 17 | 1 10 | 4 7 | 12 56 | 0 48 | 22 23 | 0 52 | 1 52 | 0 46 | 4 31 | 0 59 | 21 18 | 1 30 | 22 55 | 22 47 | 18 19 | 14 58 | 6 29 |
| T 30 | 18 25 | 15 23 | 2 28 | 15 56 | 1 39 | 17 30 | 1 18 | 1 18 | 4 9 | 12 52 | 0 48 | 22 23 | 0 52 | 1 51 | 0 46 | 4 30 | 0 59 | 21 18 | 1 30 | 22 55 | 22 47 | 18 17 | 14 56 | 6 29 |
| W31 | 18n10 | 19s29 | 1n22 | 15n17 | 1n35 | 17n 9 | 1n19 | 1n26 | 4s10 | 12n47 | 0n48 | 22s24 | 0n52 | 1n51 | 0s46 | 4n30 | 0n59 | 21n17 | 1n30 | 22n55 | 22n47 | 18n15 | 14n55 | 6s29 |

Julian Day Number = 2608780.5, Delta T = 10m08s
Ecliptic obliquity = 23°23'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'33, Lahiri = 29°52'34


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## AUGUST 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 39 7 | 9♌ 9'38 | 17♐17 | 24♌55 | 17♌35 | 13♈49 | 28♌30 | 5°R43 | 6°R25 | 20♍58 | 1♌21 | 18°R51 | 17♊13 | 23♌ 7 | 23♋49 | T 1 |
| F 2 | 20 43 3 | 10° 6'57 | 1♑30 | 26°42 | 18°49 | 14°14 | 28°43 | 5♑40 | 6♈24 | 21° 0 | 1°22 | 18♊50 | 17°10 | 23°13 | 23°55 | F 2 |
| S 3 | 20 47 0 | 11° 4'16 | 16°10 | 28°27 | 20° 3 | 14°37 | 28°56 | 5°37 | 6°23 | 21° 1 | 1°24 | 18°48 | 17° 7 | 23°20 | 24° 2 | S 3 |
| S 4 | 20 50 56 | 12° 1'36 | 1♒11 | 0♍10 | 21°17 | 15° 1 | 29° 8 | 5°34 | 6°22 | 21° 3 | 1°25 | 18°43 | 17° 4 | 23°27 | 24° 8 | S 4 |
| M 5 | 20 54 53 | 12°58'57 | 16°26 | 1°51 | 22°31 | 15°24 | 29°21 | 5°30 | 6°20 | 21° 5 | 1°27 | 18°36 | 17° 1 | 23°34 | 24°14 | M 5 |
| T 6 | 20 58 50 | 13°56'18 | 1♓43 | 3°31 | 23°45 | 15°46 | 29°34 | 5°28 | 6°19 | 21° 7 | 1°29 | 18°28 | 16°58 | 23°40 | 24°20 | T 6 |
| W 7 | 21 2 46 | 14°53'40 | 16°52 | 5° 9 | 24°59 | 16° 8 | 29°47 | 5°25 | 6°18 | 21° 9 | 1°30 | 18°20 | 16°54 | 23°47 | 24°27 | W 7 |
| T 8 | 21 6 43 | 15°51'03 | 1♈43 | 6°46 | 26°12 | 16°29 | 29°59 | 5°22 | 6°17 | 21°11 | 1°32 | 18°13 | 16°51 | 23°54 | 24°33 | T 8 |
| F 9 | 21 10 39 | 16°48'27 | 16°10 | 8°20 | 27°26 | 16°50 | 0♍13 | 5°19 | 6°16 | 21°12 | 1°33 | 18° 8 | 16°48 | 24° 0 | 24°39 | F 9 |
| S 10 | 21 14 36 | 17°45'52 | 0♉ 9 | 9°53 | 28°40 | 17°10 | 0°25 | 5°16 | 6°14 | 21°14 | 1°35 | 18° 4 | 16°45 | 24° 7 | 24°45 | S 10 |
| S 11 | 21 18 32 | 18°43'19 | 13°40 | 11°24 | 29°54 | 17°30 | 0°38 | 5°14 | 6°13 | 21°16 | 1°36 | 18°D 3 | 16°42 | 24°14 | 24°51 | S 11 |
| M12 | 21 22 29 | 19°40'46 | 26°45 | 12°54 | 1♍ 8 | 17°49 | 0°51 | 5°11 | 6°12 | 21°18 | 1°38 | 18° 3 | 16°39 | 24°21 | 24°57 | M12 |
| T 13 | 21 26 25 | 20°38'15 | 9♊28 | 14°21 | 2°22 | 18° 7 | 1° 4 | 5° 9 | 6°10 | 21°20 | 1°40 | 18° 3 | 16°35 | 24°27 | 25° 3 | T 13 |
| W14 | 21 30 22 | 21°35'46 | 21°53 | 15°47 | 3°36 | 18°25 | 1°17 | 5° 6 | 6° 9 | 21°22 | 1°41 | 18°R 4 | 16°32 | 24°34 | 25° 9 | W14 |
| T 15 | 21 34 19 | 22°33'17 | 4♋ 4 | 17°12 | 4°50 | 18°42 | 1°30 | 5° 4 | 6° 7 | 21°24 | 1°43 | 18° 2 | 16°29 | 24°41 | 25°15 | T 15 |
| F 16 | 21 38 15 | 23°30'50 | 16° 6 | 18°34 | 6° 4 | 18°59 | 1°43 | 5° 2 | 6° 6 | 21°26 | 1°44 | 17°59 | 16°26 | 24°47 | 25°21 | F 16 |
| S 17 | 21 42 12 | 24°28'24 | 28° 1 | 19°54 | 7°18 | 19°15 | 1°56 | 5° 0 | 6° 4 | 21°28 | 1°46 | 17°53 | 16°23 | 24°54 | 25°27 | S 17 |
| S 18 | 21 46 8 | 25°25'59 | 9♌54 | 21°13 | 8°32 | 19°30 | 2° 9 | 4°58 | 6° 2 | 21°30 | 1°47 | 17°44 | 16°19 | 25° 1 | 25°33 | S 18 |
| M19 | 21 50 5 | 26°23'35 | 21°45 | 22°30 | 9°45 | 19°44 | 2°22 | 4°56 | 6° 1 | 21°32 | 1°49 | 17°33 | 16°16 | 25° 8 | 25°39 | M19 |
| T 20 | 21 54 1 | 27°21'13 | 3♍36 | 23°45 | 10°59 | 19°58 | 2°35 | 4°54 | 5°59 | 21°34 | 1°50 | 17°20 | 16°13 | 25°14 | 25°45 | T 20 |
| W21 | 21 57 58 | 28°18'51 | 15°30 | 24°57 | 12°13 | 20°11 | 2°49 | 4°52 | 5°57 | 21°36 | 1°52 | 17° 7 | 16°10 | 25°21 | 25°51 | W21 |
| T 22 | 22 1 54 | 29°16'31 | 27°26 | 26° 8 | 13°27 | 20°24 | 3° 2 | 4°50 | 5°55 | 21°38 | 1°53 | 16°55 | 16° 7 | 25°28 | 25°57 | T 22 |
| F 23 | 22 5 51 | 0♍14'11 | 9♎28 | 27°16 | 14°41 | 20°35 | 3°15 | 4°49 | 5°54 | 21°40 | 1°55 | 16°44 | 16° 4 | 25°34 | 26° 2 | F 23 |
| S 24 | 22 9 48 | 1°11'53 | 21°38 | 28°22 | 15°55 | 20°46 | 3°28 | 4°47 | 5°52 | 21°43 | 1°56 | 16°36 | 16° 0 | 25°41 | 26° 8 | S 24 |
| S 25 | 22 13 44 | 2° 9'36 | 3♏57 | 29°26 | 17° 9 | 20°56 | 3°41 | 4°46 | 5°50 | 21°45 | 1°57 | 16°30 | 15°57 | 25°48 | 26°14 | S 25 |
| M26 | 22 17 41 | 3° 7'20 | 16°31 | 0♎27 | 18°23 | 21° 6 | 3°54 | 4°45 | 5°48 | 21°47 | 1°59 | 16°27 | 15°54 | 25°55 | 26°19 | M26 |
| T 27 | 22 21 37 | 4° 5'05 | 29°21 | 1°25 | 19°37 | 21°14 | 4° 7 | 4°43 | 5°46 | 21°49 | 2° 0 | 16°D26 | 15°51 | 26° 1 | 26°25 | T 27 |
| W28 | 22 25 34 | 5° 2'51 | 12♐33 | 2°21 | 20°51 | 21°22 | 4°20 | 4°42 | 5°44 | 21°51 | 2° 2 | 16°R26 | 15°48 | 26° 8 | 26°30 | W28 |
| T 29 | 22 29 30 | 6° 0'39 | 26°10 | 3°14 | 22° 5 | 21°29 | 4°33 | 4°41 | 5°42 | 21°53 | 2° 3 | 16°26 | 15°45 | 26°15 | 26°36 | T 29 |
| F 30 | 22 33 27 | 6°58'27 | 10♑13 | 4° 4 | 23°19 | 21°35 | 4°46 | 4°40 | 5°40 | 21°55 | 2° 4 | 16°25 | 15°41 | 26°21 | 26°41 | F 30 |
| S 31 | 22 37 23 | 7♍56'17 | 24♑43 | 4♎50 | 24♍33 | 21♈41 | 4♍59 | 4♑39 | 5♈38 | 21♍58 | 2♌ 6 | 16♊21 | 15♊38 | 26♌28 | 26♋47 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n55 | 22s38 | 0n 8 | 14n37 | 1n31 | 16n48 | 1n20 | 1n34 | 4s12 | 12n43 | 0n48 | 22s24 | 0n52 | 1n50 | 0s46 | 4n29 | 0n59 | 21n17 | 1n30 | 22n55 | 22n46 | 18n13 | 14n54 | 6s29 |
| F 2 | 17 40 | 24 30 | 1s 8 | 13 56 | 1 26 | 16 26 | 1 21 | 1 42 | 4 14 | 12 39 | 0 48 | 22 24 | 0 52 | 1 50 | 0 46 | 4 28 | 0 59 | 21 17 | 1 31 | 22 55 | 22 46 | 18 11 | 14 53 | 6 29 |
| S 3 | 17 25 | 24 45 | 2 21 | 13 15 | 1 21 | 16 4 | 1 22 | 1 49 | 4 15 | 12 34 | 0 48 | 22 25 | 0 51 | 1 50 | 0 46 | 4 27 | 0 59 | 21 17 | 1 31 | 22 55 | 22 46 | 18 9 | 14 52 | 6 29 |
| S 4 | 17 9 | 23 13 | 3 27 | 12 34 | 1 16 | 15 41 | 1 23 | 1 57 | 4 17 | 12 30 | 0 48 | 22 25 | 0 51 | 1 49 | 0 46 | 4 27 | 0 59 | 21 16 | 1 31 | 22 54 | 22 45 | 18 7 | 14 50 | 6 30 |
| M 5 | 16 53 | 19 59 | 4 19 | 11 52 | 1 10 | 15 18 | 1 23 | 2 4 | 4 19 | 12 25 | 0 48 | 22 25 | 0 51 | 1 49 | 0 46 | 4 26 | 0 59 | 21 16 | 1 31 | 22 54 | 22 45 | 18 5 | 14 49 | 6 30 |
| T 6 | 16 36 | 15 23 | 4 52 | 11 11 | 1 3 | 14 54 | 1 24 | 2 11 | 4 20 | 12 21 | 0 48 | 22 25 | 0 51 | 1 48 | 0 46 | 4 25 | 0 59 | 21 16 | 1 31 | 22 53 | 22 45 | 18 3 | 14 48 | 6 30 |
| W 7 | 16 20 | 9 51 | 5 5 | 10 29 | 0 57 | 14 30 | 1 25 | 2 18 | 4 22 | 12 16 | 0 48 | 22 26 | 0 51 | 1 48 | 0 46 | 4 25 | 0 59 | 21 15 | 1 31 | 22 52 | 22 44 | 18 2 | 14 47 | 6 30 |
| T 8 | 16 3 | 3 51 | 4 57 | 9 47 | 0 49 | 14 5 | 1 25 | 2 24 | 4 24 | 12 12 | 0 48 | 22 26 | 0 51 | 1 47 | 0 46 | 4 24 | 0 59 | 21 15 | 1 31 | 22 52 | 22 44 | 18 0 | 14 45 | 6 30 |
| F 9 | 15 46 | 2n12 | 4 30 | 9 4 | 0 42 | 13 41 | 1 26 | 2 31 | 4 25 | 12 7 | 0 48 | 22 26 | 0 51 | 1 47 | 0 46 | 4 23 | 0 59 | 21 15 | 1 31 | 22 51 | 22 44 | 17 58 | 14 44 | 6 31 |
| S 10 | 15 28 | 7 57 | 3 47 | 8 22 | 0 34 | 13 15 | 1 26 | 2 37 | 4 27 | 12 3 | 0 48 | 22 26 | 0 50 | 1 46 | 0 46 | 4 22 | 0 59 | 21 15 | 1 31 | 22 51 | 22 44 | 17 56 | 14 43 | 6 31 |
| S 11 | 15 11 | 13 9 | 2 53 | 7 41 | 0 26 | 12 50 | 1 27 | 2 43 | 4 28 | 11 58 | 0 48 | 22 27 | 0 50 | 1 45 | 0 46 | 4 21 | 0 59 | 21 14 | 1 31 | 22 51 | 22 43 | 17 54 | 14 42 | 6 31 |
| M12 | 14 53 | 17 35 | 1 51 | 6 59 | 0 18 | 12 24 | 1 27 | 2 49 | 4 30 | 11 54 | 0 48 | 22 27 | 0 50 | 1 45 | 0 46 | 4 21 | 0 59 | 21 14 | 1 31 | 22 51 | 22 43 | 17 52 | 14 40 | 6 31 |
| T 13 | 14 35 | 21 4 | 0 46 | 6 17 | 0 9 | 11 58 | 1 27 | 2 54 | 4 31 | 11 49 | 0 48 | 22 27 | 0 50 | 1 44 | 0 46 | 4 20 | 0 59 | 21 14 | 1 31 | 22 51 | 22 43 | 17 50 | 14 39 | 6 32 |
| W14 | 14 16 | 23 28 | 0n20 | 5 36 | 0 1 | 11 31 | 1 27 | 3 0 | 4 33 | 11 45 | 0 48 | 22 27 | 0 50 | 1 44 | 0 46 | 4 19 | 0 59 | 21 13 | 1 31 | 22 51 | 22 42 | 17 48 | 14 38 | 6 32 |
| T 15 | 13 58 | 24 44 | 1 24 | 4 55 | 0s 8 | 11 4 | 1 27 | 3 5 | 4 34 | 11 40 | 0 48 | 22 28 | 0 50 | 1 43 | 0 46 | 4 18 | 0 59 | 21 13 | 1 31 | 22 51 | 22 42 | 17 46 | 14 36 | 6 32 |
| F 16 | 13 39 | 24 47 | 2 23 | 4 15 | 0 17 | 10 37 | 1 27 | 3 10 | 4 36 | 11 35 | 0 48 | 22 28 | 0 50 | 1 42 | 0 46 | 4 18 | 0 59 | 21 13 | 1 32 | 22 51 | 22 42 | 17 44 | 14 35 | 6 32 |
| S 17 | 13 20 | 23 42 | 3 16 | 3 35 | 0 27 | 10 10 | 1 27 | 3 14 | 4 37 | 11 31 | 0 48 | 22 28 | 0 49 | 1 42 | 0 46 | 4 17 | 0 59 | 21 13 | 1 32 | 22 50 | 22 41 | 17 42 | 14 34 | 6 33 |
| S 18 | 13 1 | 21 34 | 3 59 | 2 55 | 0 36 | 9 42 | 1 27 | 3 19 | 4 38 | 11 26 | 0 48 | 22 28 | 0 49 | 1 41 | 0 46 | 4 16 | 0 59 | 21 12 | 1 32 | 22 49 | 22 41 | 17 40 | 14 32 | 6 33 |
| M19 | 12 41 | 18 30 | 4 32 | 2 16 | 0 46 | 9 14 | 1 27 | 3 23 | 4 40 | 11 22 | 0 49 | 22 28 | 0 49 | 1 40 | 0 46 | 4 15 | 0 59 | 21 12 | 1 32 | 22 48 | 22 41 | 17 38 | 14 31 | 6 33 |
| T 20 | 12 22 | 14 42 | 4 53 | 1 37 | 0 56 | 8 46 | 1 27 | 3 27 | 4 41 | 11 17 | 0 49 | 22 29 | 0 49 | 1 40 | 0 46 | 4 14 | 0 59 | 21 12 | 1 32 | 22 47 | 22 40 | 17 36 | 14 30 | 6 34 |
| W21 | 12 2 | 10 20 | 5 1 | 1 0 | 1 6 | 8 18 | 1 27 | 3 31 | 4 42 | 11 12 | 0 49 | 22 29 | 0 49 | 1 39 | 0 46 | 4 14 | 0 59 | 21 12 | 1 32 | 22 46 | 22 40 | 17 34 | 14 28 | 6 34 |
| T 22 | 11 42 | 5 33 | 4 56 | 0 22 | 1 16 | 7 49 | 1 26 | 3 34 | 4 43 | 11 8 | 0 49 | 22 29 | 0 49 | 1 38 | 0 46 | 4 13 | 0 59 | 21 11 | 1 32 | 22 45 | 22 40 | 17 32 | 14 27 | 6 34 |
| F 23 | 11 22 | 0 31 | 4 38 | 0s14 | 1 26 | 7 20 | 1 26 | 3 37 | 4 45 | 11 3 | 0 49 | 22 29 | 0 49 | 1 38 | 0 46 | 4 12 | 0 59 | 21 11 | 1 32 | 22 43 | 22 39 | 17 30 | 14 26 | 6 35 |
| S 24 | 11 1 | 4s35 | 4 7 | 0 49 | 1 36 | 6 51 | 1 25 | 3 40 | 4 46 | 10 58 | 0 49 | 22 29 | 0 48 | 1 37 | 0 46 | 4 11 | 0 59 | 21 11 | 1 32 | 22 43 | 22 39 | 17 28 | 14 24 | 6 35 |
| S 25 | 10 41 | 9 36 | 3 25 | 1 24 | 1 46 | 6 22 | 1 25 | 3 43 | 4 47 | 10 54 | 0 49 | 22 30 | 0 48 | 1 36 | 0 46 | 4 10 | 0 59 | 21 11 | 1 32 | 22 42 | 22 39 | 17 26 | 14 23 | 6 35 |
| M26 | 10 20 | 14 19 | 2 31 | 1 58 | 1 57 | 5 53 | 1 24 | 3 46 | 4 48 | 10 49 | 0 49 | 22 30 | 0 48 | 1 35 | 0 46 | 4 9 | 0 59 | 21 10 | 1 32 | 22 42 | 22 38 | 17 24 | 14 22 | 6 36 |
| T 27 | 9 59 | 18 31 | 1 29 | 2 30 | 2 7 | 5 23 | 1 23 | 3 48 | 4 49 | 10 44 | 0 49 | 22 30 | 0 48 | 1 35 | 0 46 | 4 9 | 0 59 | 21 10 | 1 32 | 22 42 | 22 38 | 17 22 | 14 20 | 6 36 |
| W28 | 9 38 | 21 55 | 0 21 | 3 2 | 2 17 | 4 53 | 1 23 | 3 50 | 4 49 | 10 40 | 0 49 | 22 30 | 0 48 | 1 34 | 0 46 | 4 8 | 0 59 | 21 10 | 1 33 | 22 42 | 22 38 | 17 20 | 14 19 | 6 36 |
| T 29 | 9 17 | 24 11 | 0s51 | 3 32 | 2 27 | 4 23 | 1 22 | 3 52 | 4 50 | 10 35 | 0 49 | 22 30 | 0 48 | 1 33 | 0 46 | 4 7 | 0 59 | 21 10 | 1 33 | 22 42 | 22 37 | 17 18 | 14 17 | 6 37 |
| F 30 | 8 56 | 25 1 | 2 2 | 4 1 | 2 37 | 3 53 | 1 21 | 3 54 | 4 51 | 10 30 | 0 49 | 22 31 | 0 48 | 1 32 | 0 46 | 4 6 | 0 59 | 21 9 | 1 33 | 22 42 | 22 37 | 17 16 | 14 16 | 6 37 |
| S 31 | 8n34 | 24s12 | 3s 7 | 4s28 | 2s47 | 3n23 | 1n20 | 3n55 | 4s52 | 10n25 | 0n49 | 22s31 | 0n47 | 1n31 | 0s46 | 4n 5 | 0n59 | 21n 9 | 1n33 | 22n41 | 22n37 | 17n14 | 14n15 | 6s37 |

Julian Day Number = 2608811.5, Delta T = 10m09s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'37, Lahiri = 29°52'39


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## SEPTEMBER 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 41 20 | 8♍54'07 | 9♒37 | 5♎33 | 25♍46 | 21♈45 | 5♍12 | 4°R39 | 5°R36 | 22♍ 0 | 2♌ 7 | 16°R14 | 15♊35 | 26♌35 | 26♋52 | S 1 |
| M 2 | 22 45 17 | 9°51'59 | 24°48 | 6°13 | 27° 0 | 21°49 | 5°26 | 4♑38 | 5♈34 | 22° 2 | 2° 9 | 16♊ 6 | 15°32 | 26°42 | 26°58 | M 2 |
| T 3 | 22 49 13 | 10°49'53 | 10♓ 6 | 6°48 | 28°14 | 21°52 | 5°39 | 4°38 | 5°32 | 22° 4 | 2°10 | 15°55 | 15°29 | 26°48 | 27° 3 | T 3 |
| W 4 | 22 53 10 | 11°47'47 | 25°21 | 7°19 | 29°28 | 21°54 | 5°52 | 4°37 | 5°30 | 22° 6 | 2°11 | 15°44 | 15°25 | 26°55 | 27° 8 | W 4 |
| T 5 | 22 57 6 | 12°45'44 | 10♈20 | 7°46 | 0♎42 | 21°55 | 6° 5 | 4°37 | 5°28 | 22° 8 | 2°12 | 15°34 | 15°22 | 27° 2 | 27°13 | T 5 |
| F 6 | 23 1 3 | 13°43'42 | 24°55 | 8° 9 | 1°56 | 21°R56 | 6°18 | 4°36 | 5°26 | 22°11 | 2°14 | 15°26 | 15°19 | 27° 8 | 27°18 | F 6 |
| S 7 | 23 4 59 | 14°41'42 | 9♉ 3 | 8°26 | 3°10 | 21°55 | 6°31 | 4°36 | 5°23 | 22°13 | 2°15 | 15°21 | 15°16 | 27°15 | 27°23 | S 7 |
| S 8 | 23 8 56 | 15°39'43 | 22°40 | 8°38 | 4°23 | 21°54 | 6°44 | 4°D36 | 5°21 | 22°15 | 2°16 | 15°18 | 15°13 | 27°22 | 27°29 | S 8 |
| M 9 | 23 12 52 | 16°37'47 | 5♊48 | 8°45 | 5°37 | 21°52 | 6°57 | 4°36 | 5°19 | 22°17 | 2°18 | 15°16 | 15°10 | 27°29 | 27°34 | M 9 |
| T 10 | 23 16 49 | 17°35'53 | 18°32 | 8°R45 | 6°51 | 21°49 | 7°10 | 4°36 | 5°17 | 22°20 | 2°19 | 15°16 | 15° 6 | 27°35 | 27°38 | T 10 |
| W11 | 23 20 45 | 18°34'00 | 0♋56 | 8°40 | 8° 5 | 21°45 | 7°23 | 4°37 | 5°14 | 22°22 | 2°20 | 15°16 | 15° 3 | 27°42 | 27°43 | W11 |
| T 12 | 23 24 42 | 19°32'10 | 13° 4 | 8°29 | 9°19 | 21°40 | 7°36 | 4°37 | 5°12 | 22°24 | 2°21 | 15°14 | 15° 0 | 27°49 | 27°48 | T 12 |
| F 13 | 23 28 39 | 20°30'22 | 25° 2 | 8°11 | 10°33 | 21°35 | 7°49 | 4°37 | 5°10 | 22°26 | 2°22 | 15°11 | 14°57 | 27°55 | 27°53 | F 13 |
| S 14 | 23 32 35 | 21°28'35 | 6♌55 | 7°47 | 11°47 | 21°28 | 8° 1 | 4°38 | 5° 8 | 22°28 | 2°23 | 15° 4 | 14°54 | 28° 2 | 27°58 | S 14 |
| S 15 | 23 36 32 | 22°26'50 | 18°45 | 7°16 | 13° 0 | 21°21 | 8°14 | 4°38 | 5° 5 | 22°31 | 2°25 | 14°54 | 14°51 | 28° 9 | 28° 2 | S 15 |
| M16 | 23 40 28 | 23°25'07 | 0♍36 | 6°40 | 14°14 | 21°13 | 8°27 | 4°39 | 5° 3 | 22°33 | 2°26 | 14°43 | 14°47 | 28°16 | 28° 7 | M16 |
| T 17 | 23 44 25 | 24°23'26 | 12°30 | 5°57 | 15°28 | 21° 4 | 8°40 | 4°40 | 5° 1 | 22°35 | 2°27 | 14°29 | 14°44 | 28°22 | 28°11 | T 17 |
| W18 | 23 48 21 | 25°21'47 | 24°29 | 5° 8 | 16°42 | 20°54 | 8°53 | 4°41 | 4°58 | 22°37 | 2°28 | 14°15 | 14°41 | 28°29 | 28°16 | W18 |
| T 19 | 23 52 18 | 26°20'09 | 6♎34 | 4°15 | 17°56 | 20°44 | 9° 6 | 4°42 | 4°56 | 22°40 | 2°29 | 14° 2 | 14°38 | 28°36 | 28°20 | T 19 |
| F 20 | 23 56 14 | 27°18'34 | 18°46 | 3°18 | 19° 9 | 20°33 | 9°18 | 4°43 | 4°53 | 22°42 | 2°30 | 13°50 | 14°35 | 28°42 | 28°25 | F 20 |
| S 21 | 0 0 11 | 28°17'00 | 1♏ 5 | 2°18 | 20°23 | 20°21 | 9°31 | 4°44 | 4°51 | 22°44 | 2°31 | 13°41 | 14°31 | 28°49 | 28°29 | S 21 |
| S 22 | 0 4 8 | 29°15'27 | 13°34 | 1°16 | 21°37 | 20° 8 | 9°44 | 4°45 | 4°49 | 22°46 | 2°32 | 13°35 | 14°28 | 28°56 | 28°33 | S 22 |
| M23 | 0 8 4 | 0♎13'57 | 26°15 | 0°13 | 22°51 | 19°55 | 9°56 | 4°47 | 4°46 | 22°48 | 2°33 | 13°32 | 14°25 | 29° 3 | 28°37 | M23 |
| T 24 | 0 12 1 | 1°12'28 | 9♐10 | 29♍12 | 24° 5 | 19°41 | 10° 9 | 4°48 | 4°44 | 22°51 | 2°34 | 13°D31 | 14°22 | 29° 9 | 28°41 | T 24 |
| W25 | 0 15 57 | 2°11'01 | 22°22 | 28°13 | 25°18 | 19°27 | 10°22 | 4°50 | 4°41 | 22°53 | 2°35 | 13°31 | 14°19 | 29°16 | 28°45 | W25 |
| T 26 | 0 19 54 | 3° 9'35 | 5♑54 | 27°18 | 26°32 | 19°12 | 10°34 | 4°51 | 4°39 | 22°55 | 2°36 | 13°R31 | 14°16 | 29°23 | 28°49 | T 26 |
| F 27 | 0 23 50 | 4° 8'11 | 19°48 | 26°28 | 27°46 | 18°57 | 10°47 | 4°53 | 4°37 | 22°57 | 2°37 | 13°30 | 14°12 | 29°30 | 28°53 | F 27 |
| S 28 | 0 27 47 | 5° 6'49 | 4♒ 4 | 25°46 | 29° 0 | 18°41 | 10°59 | 4°55 | 4°34 | 22°59 | 2°38 | 13°27 | 14° 9 | 29°36 | 28°57 | S 28 |
| S 29 | 0 31 43 | 6° 5'28 | 18°41 | 25°11 | 0♏13 | 18°25 | 11°12 | 4°57 | 4°32 | 23° 2 | 2°38 | 13°21 | 14° 6 | 29°43 | 29° 1 | S 29 |
| M30 | 0 35 40 | 7♎ 4'09 | 3♓34 | 24♍45 | 1♏27 | 18♈ 8 | 11♍24 | 4♑59 | 4♈29 | 23♍ 4 | 2♌39 | 13♊14 | 14♊ 3 | 29♌50 | 29♋ 4 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n13 | 21s41 | 4s 2 | 4s54 | 2s57 | 2n53 | 1n19 | 3n56 | 4s52 | 10n21 | 0n49 | 22s31 | 0n47 | 1n31 | 0s46 | 4n 4 | 0n59 | 21n 9 | 1n33 | 22n40 | 22n36 | 17n12 | 14n13 | 6s38 |
| M 2 | 7 51 | 17 37 | 4 40 | 5 19 | 3 6 | 2 23 | 1 18 | 3 57 | 4 53 | 10 16 | 0 49 | 22 31 | 0 47 | 1 30 | 0 46 | 4 3 | 0 59 | 21 9 | 1 33 | 22 40 | 22 36 | 17 10 | 14 12 | 6 38 |
| T 3 | 7 29 | 12 22 | 4 59 | 5 41 | 3 15 | 1 52 | 1 17 | 3 58 | 4 53 | 10 11 | 0 49 | 22 31 | 0 47 | 1 29 | 0 46 | 4 3 | 0 59 | 21 9 | 1 33 | 22 38 | 22 36 | 17 8 | 14 11 | 6 39 |
| W 4 | 7 7 | 6 23 | 4 56 | 6 2 | 3 24 | 1 22 | 1 15 | 3 58 | 4 54 | 10 6 | 0 49 | 22 32 | 0 47 | 1 28 | 0 46 | 4 2 | 0 59 | 21 8 | 1 33 | 22 37 | 22 35 | 17 6 | 14 9 | 6 39 |
| T 5 | 6 45 | 0 6 | 4 33 | 6 20 | 3 33 | 0 51 | 1 14 | 3 58 | 4 54 | 10 2 | 0 50 | 22 32 | 0 47 | 1 27 | 0 47 | 4 1 | 0 59 | 21 8 | 1 33 | 22 36 | 22 35 | 17 4 | 14 8 | 6 40 |
| F 6 | 6 23 | 6n 1 | 3 53 | 6 36 | 3 41 | 0 21 | 1 13 | 3 58 | 4 54 | 9 57 | 0 50 | 22 32 | 0 46 | 1 26 | 0 47 | 4 0 | 0 59 | 21 8 | 1 33 | 22 35 | 22 35 | 17 2 | 14 6 | 6 40 |
| S 7 | 6 1 | 11 39 | 2 59 | 6 50 | 3 48 | 0s10 | 1 11 | 3 58 | 4 54 | 9 52 | 0 50 | 22 32 | 0 46 | 1 25 | 0 47 | 3 59 | 0 59 | 21 8 | 1 33 | 22 35 | 22 34 | 16 59 | 14 5 | 6 40 |
| S 8 | 5 38 | 16 31 | 1 56 | 7 1 | 3 55 | 0 40 | 1 10 | 3 57 | 4 54 | 9 48 | 0 50 | 22 32 | 0 46 | 1 25 | 0 47 | 3 58 | 0 59 | 21 8 | 1 34 | 22 34 | 22 34 | 16 57 | 14 4 | 6 41 |
| M 9 | 5 16 | 20 24 | 0 50 | 7 10 | 4 2 | 1 11 | 1 8 | 3 57 | 4 54 | 9 43 | 0 50 | 22 32 | 0 46 | 1 24 | 0 47 | 3 57 | 0 59 | 21 7 | 1 34 | 22 34 | 22 34 | 16 55 | 14 2 | 6 41 |
| T 10 | 4 53 | 23 11 | 0n17 | 7 15 | 4 7 | 1 41 | 1 7 | 3 56 | 4 54 | 9 38 | 0 50 | 22 32 | 0 46 | 1 23 | 0 47 | 3 57 | 0 59 | 21 7 | 1 34 | 22 34 | 22 33 | 16 53 | 14 1 | 6 42 |
| W11 | 4 31 | 24 45 | 1 22 | 7 17 | 4 12 | 2 12 | 1 5 | 3 55 | 4 54 | 9 33 | 0 50 | 22 33 | 0 46 | 1 22 | 0 47 | 3 56 | 0 59 | 21 7 | 1 34 | 22 34 | 22 33 | 16 51 | 13 59 | 6 42 |
| T 12 | 4 8 | 25 5 | 2 21 | 7 16 | 4 15 | 2 43 | 1 3 | 3 53 | 4 53 | 9 29 | 0 50 | 22 33 | 0 46 | 1 21 | 0 47 | 3 55 | 0 59 | 21 7 | 1 34 | 22 34 | 22 33 | 16 49 | 13 58 | 6 43 |
| F 13 | 3 45 | 24 15 | 3 13 | 7 11 | 4 17 | 3 13 | 1 2 | 3 52 | 4 53 | 9 24 | 0 50 | 22 33 | 0 45 | 1 20 | 0 47 | 3 54 | 0 59 | 21 7 | 1 34 | 22 34 | 22 32 | 16 47 | 13 57 | 6 43 |
| S 14 | 3 22 | 22 19 | 3 57 | 7 2 | 4 18 | 3 44 | 1 0 | 3 50 | 4 52 | 9 19 | 0 50 | 22 33 | 0 45 | 1 19 | 0 47 | 3 53 | 0 59 | 21 6 | 1 34 | 22 33 | 22 32 | 16 45 | 13 55 | 6 44 |
| S 15 | 2 59 | 19 26 | 4 30 | 6 49 | 4 18 | 4 14 | 0 58 | 3 48 | 4 51 | 9 14 | 0 50 | 22 33 | 0 45 | 1 18 | 0 47 | 3 52 | 0 59 | 21 6 | 1 34 | 22 32 | 22 31 | 16 43 | 13 54 | 6 44 |
| M16 | 2 36 | 15 46 | 4 51 | 6 33 | 4 16 | 4 44 | 0 56 | 3 46 | 4 51 | 9 10 | 0 50 | 22 33 | 0 45 | 1 17 | 0 47 | 3 51 | 0 59 | 21 6 | 1 34 | 22 31 | 22 31 | 16 41 | 13 53 | 6 45 |
| T 17 | 2 13 | 11 28 | 5 0 | 6 13 | 4 12 | 5 15 | 0 54 | 3 43 | 4 50 | 9 5 | 0 51 | 22 33 | 0 45 | 1 16 | 0 47 | 3 50 | 0 59 | 21 6 | 1 34 | 22 29 | 22 31 | 16 38 | 13 51 | 6 45 |
| W18 | 1 50 | 6 42 | 4 55 | 5 48 | 4 6 | 5 45 | 0 52 | 3 41 | 4 49 | 9 0 | 0 51 | 22 33 | 0 45 | 1 15 | 0 47 | 3 50 | 0 59 | 21 6 | 1 34 | 22 27 | 22 30 | 16 36 | 13 50 | 6 46 |
| T 19 | 1 27 | 1 39 | 4 37 | 5 20 | 3 59 | 6 15 | 0 50 | 3 38 | 4 47 | 8 56 | 0 51 | 22 34 | 0 44 | 1 14 | 0 47 | 3 49 | 0 59 | 21 6 | 1 35 | 22 26 | 22 30 | 16 34 | 13 48 | 6 46 |
| F 20 | 1 4 | 3s31 | 4 7 | 4 49 | 3 49 | 6 45 | 0 48 | 3 35 | 4 46 | 8 51 | 0 51 | 22 34 | 0 44 | 1 14 | 0 47 | 3 48 | 0 59 | 21 6 | 1 35 | 22 25 | 22 30 | 16 32 | 13 47 | 6 47 |
| S 21 | 0 41 | 8 38 | 3 24 | 4 15 | 3 38 | 7 14 | 0 46 | 3 32 | 4 45 | 8 46 | 0 51 | 22 34 | 0 44 | 1 13 | 0 47 | 3 47 | 0 59 | 21 5 | 1 35 | 22 23 | 22 29 | 16 30 | 13 46 | 6 47 |
| S 22 | 0 18 | 13 28 | 2 31 | 3 38 | 3 25 | 7 44 | 0 43 | 3 29 | 4 43 | 8 41 | 0 51 | 22 34 | 0 44 | 1 12 | 0 47 | 3 46 | 0 59 | 21 5 | 1 35 | 22 23 | 22 29 | 16 28 | 13 44 | 6 48 |
| M23 | 0s 6 | 17 49 | 1 30 | 2 59 | 3 10 | 8 14 | 0 41 | 3 26 | 4 41 | 8 37 | 0 51 | 22 34 | 0 44 | 1 11 | 0 47 | 3 45 | 0 59 | 21 5 | 1 35 | 22 22 | 22 29 | 16 26 | 13 43 | 6 48 |
| T 24 | 0 29 | 21 24 | 0 23 | 2 20 | 2 53 | 8 43 | 0 39 | 3 22 | 4 39 | 8 32 | 0 51 | 22 34 | 0 44 | 1 10 | 0 47 | 3 44 | 0 59 | 21 5 | 1 35 | 22 22 | 22 28 | 16 23 | 13 42 | 6 49 |
| W25 | 0 52 | 23 57 | 0s47 | 1 40 | 2 35 | 9 12 | 0 37 | 3 19 | 4 37 | 8 27 | 0 51 | 22 34 | 0 44 | 1 9 | 0 47 | 3 44 | 0 59 | 21 5 | 1 35 | 22 22 | 22 28 | 16 21 | 13 40 | 6 50 |
| T 26 | 1 15 | 25 11 | 1 56 | 1 1 | 2 17 | 9 41 | 0 34 | 3 15 | 4 35 | 8 23 | 0 51 | 22 34 | 0 43 | 1 8 | 0 47 | 3 43 | 0 59 | 21 5 | 1 35 | 22 22 | 22 27 | 16 19 | 13 39 | 6 50 |
| F 27 | 1 38 | 24 54 | 3 0 | 0 23 | 1 57 | 10 10 | 0 32 | 3 12 | 4 33 | 8 18 | 0 52 | 22 34 | 0 43 | 1 7 | 0 47 | 3 42 | 0 59 | 21 5 | 1 35 | 22 22 | 22 27 | 16 17 | 13 38 | 6 51 |
| S 28 | 2 2 | 23 0 | 3 55 | 0n12 | 1 37 | 10 38 | 0 29 | 3 8 | 4 30 | 8 14 | 0 52 | 22 34 | 0 43 | 1 6 | 0 47 | 3 41 | 0 59 | 21 5 | 1 35 | 22 22 | 22 27 | 16 15 | 13 36 | 6 51 |
| S 29 | 2 25 | 19 33 | 4 35 | 0 44 | 1 17 | 11 6 | 0 27 | 3 4 | 4 28 | 8 9 | 0 52 | 22 35 | 0 43 | 1 5 | 0 47 | 3 40 | 0 59 | 21 4 | 1 36 | 22 21 | 22 26 | 16 13 | 13 35 | 6 52 |
| M30 | 2s48 | 14s48 | 4s59 | 1n13 | 0s57 | 11s34 | 0n24 | 3n 1 | 4s25 | 8n 4 | 0n52 | 22s35 | 0n43 | 1n 4 | 0s47 | 3n39 | 0n59 | 21n 4 | 1n36 | 22n20 | 22n26 | 16n10 | 13n34 | 6s53 |

Julian Day Number = 2608842.5, Delta T = 10m09s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'41, Lahiri = 29°52'43


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## OCTOBER 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 39 37 | 8♎ 2'51 | 18♓37 | 24°R28 | 2♏41 | 17°R51 | 11♍36 | 5♉ 1 | 4°R27 | 23♍ 6 | 2♌40 | 13°R 4 | 14♊ 0 | 29♌56 | 29♋ 8 | T 1 |
| W 2 | 0 43 33 | 9° 1'36 | 3♈39 | 24°D21 | 3°54 | 17♈34 | 11°49 | 5° 3 | 4♈25 | 23° 8 | 2°41 | 12♊55 | 13°56 | 0♍ 3 | 29°12 | W 2 |
| T 3 | 0 47 30 | 10° 0'22 | 18°31 | 24♍24 | 5° 8 | 17°17 | 12° 1 | 5° 6 | 4°22 | 23°10 | 2°42 | 12°46 | 13°53 | 0°10 | 29°15 | T 3 |
| F 4 | 0 51 26 | 10°59'10 | 3♉ 5 | 24°38 | 6°22 | 16°59 | 12°13 | 5° 8 | 4°20 | 23°12 | 2°42 | 12°38 | 13°50 | 0°17 | 29°18 | F 4 |
| S 5 | 0 55 23 | 11°58'01 | 17°14 | 25° 1 | 7°35 | 16°41 | 12°25 | 5°11 | 4°17 | 23°15 | 2°43 | 12°33 | 13°47 | 0°23 | 29°22 | S 5 |
| S 6 | 0 59 19 | 12°56'53 | 0♊54 | 25°33 | 8°49 | 16°23 | 12°38 | 5°13 | 4°15 | 23°17 | 2°44 | 12°31 | 13°44 | 0°30 | 29°25 | S 6 |
| M 7 | 1 3 16 | 13°55'48 | 14° 8 | 26°15 | 10° 2 | 16° 5 | 12°50 | 5°16 | 4°13 | 23°19 | 2°44 | 12°D30 | 13°41 | 0°37 | 29°28 | M 7 |
| T 8 | 1 7 12 | 14°54'45 | 26°56 | 27° 5 | 11°16 | 15°48 | 13° 2 | 5°19 | 4°10 | 23°21 | 2°45 | 12°31 | 13°37 | 0°43 | 29°31 | T 8 |
| W 9 | 1 11 9 | 15°53'45 | 9♋23 | 28° 3 | 12°30 | 15°30 | 13°14 | 5°22 | 4° 8 | 23°23 | 2°46 | 12°31 | 13°34 | 0°50 | 29°34 | W 9 |
| T 10 | 1 15 6 | 16°52'47 | 21°33 | 29° 8 | 13°43 | 15°12 | 13°26 | 5°25 | 4° 6 | 23°25 | 2°46 | 12°R32 | 13°31 | 0°57 | 29°37 | T 10 |
| F 11 | 1 19 2 | 17°51'50 | 3♌32 | 0♎20 | 14°57 | 14°54 | 13°37 | 5°28 | 4° 3 | 23°27 | 2°47 | 12°30 | 13°28 | 1° 4 | 29°40 | F 11 |
| S 12 | 1 22 59 | 18°50'57 | 15°25 | 1°37 | 16°10 | 14°37 | 13°49 | 5°31 | 4° 1 | 23°29 | 2°48 | 12°26 | 13°25 | 1°10 | 29°43 | S 12 |
| S 13 | 1 26 55 | 19°50'05 | 27°16 | 2°59 | 17°24 | 14°19 | 14° 1 | 5°34 | 3°59 | 23°31 | 2°48 | 12°21 | 13°22 | 1°17 | 29°45 | S 13 |
| M14 | 1 30 52 | 20°49'16 | 9♍ 9 | 4°26 | 18°37 | 14° 2 | 14°13 | 5°37 | 3°57 | 23°33 | 2°49 | 12°13 | 13°18 | 1°24 | 29°48 | M14 |
| T 15 | 1 34 48 | 21°48'28 | 21° 7 | 5°56 | 19°51 | 13°46 | 14°24 | 5°41 | 3°54 | 23°35 | 2°49 | 12° 4 | 13°15 | 1°30 | 29°50 | T 15 |
| W16 | 1 38 45 | 22°47'43 | 3♎13 | 7°29 | 21° 5 | 13°30 | 14°36 | 5°44 | 3°52 | 23°37 | 2°50 | 11°54 | 13°12 | 1°37 | 29°53 | W16 |
| T 17 | 1 42 41 | 23°47'00 | 15°28 | 9° 5 | 22°18 | 13°14 | 14°47 | 5°48 | 3°50 | 23°39 | 2°50 | 11°45 | 13° 9 | 1°44 | 29°55 | T 17 |
| F 18 | 1 46 38 | 24°46'19 | 27°53 | 10°43 | 23°32 | 12°58 | 14°59 | 5°51 | 3°48 | 23°41 | 2°50 | 11°37 | 13° 6 | 1°51 | 29°57 | F 18 |
| S 19 | 1 50 34 | 25°45'41 | 10♏28 | 12°23 | 24°45 | 12°43 | 15°10 | 5°55 | 3°45 | 23°43 | 2°51 | 11°31 | 13° 2 | 1°57 | 29°59 | S 19 |
| S 20 | 1 54 31 | 26°45'04 | 23°15 | 14° 4 | 25°59 | 12°29 | 15°21 | 5°59 | 3°43 | 23°45 | 2°51 | 11°27 | 12°59 | 2° 4 | 0♌ 1 | S 20 |
| M21 | 1 58 28 | 27°44'29 | 6♐13 | 15°45 | 27°12 | 12°15 | 15°33 | 6° 3 | 3°41 | 23°47 | 2°51 | 11°D25 | 12°56 | 2°11 | 0° 3 | M21 |
| T 22 | 2 2 24 | 28°43'56 | 19°23 | 17°28 | 28°25 | 12° 2 | 15°44 | 6° 7 | 3°39 | 23°49 | 2°52 | 11°25 | 12°53 | 2°18 | 0° 5 | T 22 |
| W23 | 2 6 21 | 29°43'24 | 2♑46 | 19°11 | 29°39 | 11°50 | 15°55 | 6°11 | 3°37 | 23°51 | 2°52 | 11°27 | 12°50 | 2°24 | 0° 7 | W23 |
| T 24 | 2 10 17 | 0♏42'55 | 16°23 | 20°54 | 0♐52 | 11°38 | 16° 6 | 6°15 | 3°35 | 23°53 | 2°52 | 11°28 | 12°47 | 2°31 | 0° 9 | T 24 |
| F 25 | 2 14 14 | 1°42'27 | 0♒15 | 22°37 | 2° 6 | 11°27 | 16°17 | 6°19 | 3°33 | 23°55 | 2°53 | 11°R29 | 12°43 | 2°38 | 0°10 | F 25 |
| S 26 | 2 18 10 | 2°42'01 | 14°21 | 24°21 | 3°19 | 11°16 | 16°28 | 6°23 | 3°31 | 23°56 | 2°53 | 11°28 | 12°40 | 2°44 | 0°12 | S 26 |
| S 27 | 2 22 7 | 3°41'37 | 28°41 | 26° 4 | 4°32 | 11° 7 | 16°38 | 6°28 | 3°29 | 23°58 | 2°53 | 11°26 | 12°37 | 2°51 | 0°13 | S 27 |
| M28 | 2 26 4 | 4°41'14 | 13♓12 | 27°47 | 5°46 | 10°58 | 16°49 | 6°32 | 3°27 | 24° 0 | 2°53 | 11°22 | 12°34 | 2°58 | 0°15 | M28 |
| T 29 | 2 30 0 | 5°40'52 | 27°49 | 29°29 | 6°59 | 10°50 | 17° 0 | 6°37 | 3°25 | 24° 2 | 2°53 | 11°17 | 12°31 | 3° 5 | 0°16 | T 29 |
| W30 | 2 33 57 | 6°40'33 | 12♈26 | 1♏11 | 8°12 | 10°42 | 17°10 | 6°41 | 3°23 | 24° 4 | 2°53 | 11°12 | 12°28 | 3°11 | 0°17 | W30 |
| T 31 | 2 37 53 | 7♏40'15 | 26♈56 | 2♏53 | 9♐26 | 10♈36 | 17♍21 | 6♉46 | 3♈21 | 24♍ 5 | 2♌53 | 11♊ 7 | 12♊24 | 3♍18 | 0♌18 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s11 | 9s 7 | 5s 1 | 1n37 | 0s37 | 12s 2 | 0n22 | 2n57 | 4s22 | 8n 0 | 0n52 | 22s35 | 0n43 | 1n 3 | 0s47 | 3n38 | 0n59 | 21n 4 | 1n36 | 22n19 | 22n26 | 16n 8 | 13n32 | 6s53 |
| W 2 | 3 34 | 2 53 | 4 43 | 1 57 | 0 18 | 12 30 | 0 19 | 2 53 | 4 19 | 7 55 | 0 52 | 22 35 | 0 43 | 1 2 | 0 47 | 3 38 | 0 59 | 21 4 | 1 36 | 22 18 | 22 25 | 16 6 | 13 31 | 6 54 |
| T 3 | 3 57 | 3n27 | 4 6 | 2 13 | 0 1 | 12 57 | 0 16 | 2 49 | 4 16 | 7 51 | 0 52 | 22 35 | 0 42 | 1 1 | 0 47 | 3 37 | 0 59 | 21 4 | 1 36 | 22 17 | 22 25 | 16 4 | 13 30 | 6 54 |
| F 4 | 4 20 | 9 28 | 3 14 | 2 23 | 0n16 | 13 24 | 0 14 | 2 46 | 4 13 | 7 46 | 0 52 | 22 35 | 0 42 | 1 0 | 0 47 | 3 36 | 0 59 | 21 4 | 1 36 | 22 16 | 22 24 | 16 2 | 13 29 | 6 55 |
| S 5 | 4 43 | 14 51 | 2 11 | 2 28 | 0 32 | 13 50 | 0 11 | 2 42 | 4 9 | 7 41 | 0 52 | 22 35 | 0 42 | 0 59 | 0 47 | 3 35 | 0 59 | 21 4 | 1 36 | 22 15 | 22 24 | 15 59 | 13 27 | 6 56 |
| S 6 | 5 6 | 19 17 | 1 2 | 2 28 | 0 46 | 14 17 | 0 8 | 2 39 | 4 6 | 7 37 | 0 53 | 22 35 | 0 42 | 0 58 | 0 47 | 3 34 | 0 59 | 21 4 | 1 36 | 22 15 | 22 24 | 15 57 | 13 26 | 6 56 |
| M 7 | 5 29 | 22 35 | 0n 9 | 2 24 | 0 59 | 14 42 | 0 5 | 2 35 | 4 2 | 7 32 | 0 53 | 22 35 | 0 42 | 0 57 | 0 47 | 3 33 | 0 59 | 21 4 | 1 36 | 22 15 | 22 23 | 15 55 | 13 25 | 6 57 |
| T 8 | 5 52 | 24 37 | 1 16 | 2 14 | 1 11 | 15 8 | 0 3 | 2 32 | 3 59 | 7 28 | 0 53 | 22 35 | 0 42 | 0 57 | 0 47 | 3 33 | 0 59 | 21 4 | 1 36 | 22 15 | 22 23 | 15 53 | 13 24 | 6 57 |
| W 9 | 6 14 | 25 22 | 2 19 | 2 1 | 1 21 | 15 33 | 0s 0 | 2 28 | 3 55 | 7 23 | 0 53 | 22 35 | 0 42 | 0 56 | 0 47 | 3 32 | 0 59 | 21 4 | 1 37 | 22 15 | 22 23 | 15 50 | 13 22 | 6 58 |
| T 10 | 6 37 | 24 51 | 3 13 | 1 43 | 1 30 | 15 58 | 0 3 | 2 25 | 3 51 | 7 19 | 0 53 | 22 35 | 0 41 | 0 55 | 0 47 | 3 31 | 0 59 | 21 4 | 1 37 | 22 15 | 22 22 | 15 48 | 13 21 | 6 59 |
| F 11 | 7 0 | 23 11 | 3 59 | 1 22 | 1 37 | 16 22 | 0 6 | 2 22 | 3 47 | 7 15 | 0 53 | 22 35 | 0 41 | 0 54 | 0 47 | 3 30 | 0 59 | 21 4 | 1 37 | 22 15 | 22 22 | 15 46 | 13 20 | 6 59 |
| S 12 | 7 22 | 20 31 | 4 33 | 0 57 | 1 44 | 16 47 | 0 9 | 2 19 | 3 43 | 7 10 | 0 53 | 22 35 | 0 41 | 0 53 | 0 46 | 3 29 | 0 59 | 21 4 | 1 37 | 22 14 | 22 21 | 15 44 | 13 19 | 7 0 |
| S 13 | 7 44 | 17 1 | 4 56 | 0 29 | 1 49 | 17 10 | 0 11 | 2 16 | 3 39 | 7 6 | 0 53 | 22 35 | 0 41 | 0 52 | 0 46 | 3 29 | 0 59 | 21 4 | 1 37 | 22 13 | 22 21 | 15 42 | 13 18 | 7 1 |
| M14 | 8 7 | 12 50 | 5 6 | 0s 2 | 1 53 | 17 33 | 0 14 | 2 14 | 3 35 | 7 1 | 0 54 | 22 35 | 0 41 | 0 51 | 0 46 | 3 28 | 1 0 | 21 4 | 1 37 | 22 12 | 22 21 | 15 39 | 13 17 | 7 1 |
| T 15 | 8 29 | 8 9 | 5 2 | 0 35 | 1 55 | 17 56 | 0 17 | 2 11 | 3 30 | 6 57 | 0 54 | 22 35 | 0 41 | 0 50 | 0 46 | 3 27 | 1 0 | 21 4 | 1 37 | 22 11 | 22 20 | 15 37 | 13 15 | 7 2 |
| W16 | 8 51 | 3 6 | 4 45 | 1 10 | 1 57 | 18 18 | 0 20 | 2 9 | 3 26 | 6 53 | 0 54 | 22 35 | 0 41 | 0 49 | 0 46 | 3 26 | 1 0 | 21 4 | 1 37 | 22 10 | 22 20 | 15 35 | 13 14 | 7 3 |
| T 17 | 9 13 | 2s 9 | 4 15 | 1 47 | 1 58 | 18 40 | 0 23 | 2 7 | 3 22 | 6 48 | 0 54 | 22 35 | 0 40 | 0 49 | 0 46 | 3 26 | 1 0 | 21 4 | 1 37 | 22 9 | 22 19 | 15 33 | 13 13 | 7 3 |
| F 18 | 9 34 | 7 23 | 3 33 | 2 26 | 1 58 | 19 2 | 0 26 | 2 5 | 3 17 | 6 44 | 0 54 | 22 35 | 0 40 | 0 48 | 0 46 | 3 25 | 1 0 | 21 4 | 1 37 | 22 8 | 22 19 | 15 30 | 13 12 | 7 4 |
| S 19 | 9 56 | 12 24 | 2 39 | 3 5 | 1 57 | 19 23 | 0 29 | 2 3 | 3 13 | 6 40 | 0 54 | 22 35 | 0 40 | 0 47 | 0 46 | 3 24 | 1 0 | 21 4 | 1 38 | 22 7 | 22 19 | 15 28 | 13 11 | 7 5 |
| S 20 | 10 17 | 16 59 | 1 37 | 3 46 | 1 55 | 19 43 | 0 32 | 2 2 | 3 8 | 6 36 | 0 54 | 22 35 | 0 40 | 0 46 | 0 46 | 3 23 | 1 0 | 21 4 | 1 38 | 22 6 | 22 18 | 15 26 | 13 10 | 7 5 |
| M21 | 10 39 | 20 50 | 0 28 | 4 27 | 1 53 | 20 3 | 0 35 | 2 1 | 3 4 | 6 32 | 0 55 | 22 35 | 0 40 | 0 45 | 0 46 | 3 23 | 1 0 | 21 4 | 1 38 | 22 6 | 22 18 | 15 23 | 13 9 | 7 6 |
| T 22 | 11 0 | 23 41 | 0s43 | 5 9 | 1 50 | 20 22 | 0 37 | 2 0 | 2 59 | 6 27 | 0 55 | 22 35 | 0 40 | 0 44 | 0 46 | 3 22 | 1 0 | 21 4 | 1 38 | 22 6 | 22 17 | 15 21 | 13 8 | 7 7 |
| W23 | 11 21 | 25 14 | 1 53 | 5 51 | 1 47 | 20 41 | 0 40 | 1 59 | 2 54 | 6 23 | 0 55 | 22 35 | 0 40 | 0 44 | 0 46 | 3 21 | 1 0 | 21 4 | 1 38 | 22 6 | 22 17 | 15 19 | 13 7 | 7 7 |
| T 24 | 11 42 | 25 20 | 2 58 | 6 33 | 1 43 | 20 59 | 0 43 | 1 59 | 2 50 | 6 19 | 0 55 | 22 35 | 0 40 | 0 43 | 0 46 | 3 20 | 1 0 | 21 4 | 1 38 | 22 6 | 22 17 | 15 17 | 13 6 | 7 8 |
| F 25 | 12 2 | 23 52 | 3 54 | 7 15 | 1 39 | 21 17 | 0 46 | 1 59 | 2 45 | 6 15 | 0 55 | 22 35 | 0 39 | 0 42 | 0 46 | 3 20 | 1 0 | 21 4 | 1 38 | 22 6 | 22 16 | 15 14 | 13 5 | 7 9 |
| S 26 | 12 23 | 20 54 | 4 37 | 7 58 | 1 34 | 21 34 | 0 49 | 1 59 | 2 41 | 6 11 | 0 55 | 22 35 | 0 39 | 0 41 | 0 46 | 3 19 | 1 0 | 21 4 | 1 38 | 22 6 | 22 16 | 15 12 | 13 4 | 7 9 |
| S 27 | 12 43 | 16 38 | 5 3 | 8 40 | 1 29 | 21 51 | 0 52 | 1 59 | 2 36 | 6 7 | 0 56 | 22 34 | 0 39 | 0 40 | 0 46 | 3 18 | 1 0 | 21 4 | 1 38 | 22 6 | 22 15 | 15 10 | 13 3 | 7 10 |
| M28 | 13 3 | 11 22 | 5 10 | 9 21 | 1 24 | 22 7 | 0 55 | 2 0 | 2 32 | 6 3 | 0 56 | 22 34 | 0 39 | 0 40 | 0 46 | 3 18 | 1 0 | 21 4 | 1 39 | 22 6 | 22 15 | 15 7 | 13 2 | 7 11 |
| T 29 | 13 23 | 5 25 | 4 58 | 10 3 | 1 18 | 22 22 | 0 57 | 2 1 | 2 27 | 5 59 | 0 56 | 22 34 | 0 39 | 0 39 | 0 46 | 3 17 | 1 0 | 21 4 | 1 39 | 22 5 | 22 15 | 15 5 | 13 1 | 7 12 |
| W30 | 13 43 | 0n49 | 4 26 | 10 44 | 1 12 | 22 37 | 1 0 | 2 3 | 2 22 | 5 55 | 0 56 | 22 34 | 0 39 | 0 38 | 0 46 | 3 16 | 1 0 | 21 4 | 1 39 | 22 4 | 22 14 | 15 3 | 13 0 | 7 12 |
| T 31 | 14s 2 | 6n59 | 3s37 | 11s24 | 1n 6 | 22s51 | 1s 3 | 2n 4 | 2s18 | 5n51 | 0n56 | 22s34 | 0n39 | 0n37 | 0s46 | 3n16 | 1n 0 | 21n 4 | 1n39 | 22n 3 | 22n14 | 15n 0 | 12n59 | 7s13 |

Julian Day Number = 2608872.5, Delta T = 10m09s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'46, Lahiri = 29°52'47


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## NOVEMBER 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 41 50 | 8♏40'00 | 11♉13 | 4♏34 | 10♐39 | 10°R30 | 17♍31 | 6♑50 | 3°R19 | 24♍ 7 | 2♌54 | 11°R 3 | 12♊21 | 3♍25 | 0♌19 | F 1 |
| S 2 | 2 45 46 | 9°39'46 | 25°10 | 6°15 | 11°52 | 10♈25 | 17°41 | 6°55 | 3♈17 | 24° 9 | 2°54 | 11♊ 0 | 12°18 | 3°31 | 0°20 | S 2 |
| S 3 | 2 49 43 | 10°39'34 | 8♊46 | 7°56 | 13° 5 | 10°20 | 17°51 | 7° 0 | 3°16 | 24°10 | 2°R54 | 10°D59 | 12°15 | 3°38 | 0°21 | S 3 |
| M 4 | 2 53 39 | 11°39'25 | 21°59 | 9°35 | 14°19 | 10°17 | 18° 1 | 7° 5 | 3°14 | 24°12 | 2°54 | 10°59 | 12°12 | 3°45 | 0°21 | M 4 |
| T 5 | 2 57 36 | 12°39'18 | 4♋49 | 11°15 | 15°32 | 10°14 | 18°11 | 7°10 | 3°12 | 24°14 | 2°54 | 11° 1 | 12° 8 | 3°52 | 0°22 | T 5 |
| W 6 | 3 1 32 | 13°39'12 | 17°18 | 12°54 | 16°45 | 10°12 | 18°21 | 7°15 | 3°11 | 24°15 | 2°54 | 11° 3 | 12° 5 | 3°58 | 0°22 | W 6 |
| T 7 | 3 5 29 | 14°39'09 | 29°32 | 14°32 | 17°58 | 10°11 | 18°31 | 7°20 | 3° 9 | 24°17 | 2°53 | 11° 4 | 12° 2 | 4° 5 | 0°23 | T 7 |
| F 8 | 3 9 26 | 15°39'08 | 11♌34 | 16°10 | 19°11 | 10°D11 | 18°41 | 7°25 | 3° 7 | 24°18 | 2°53 | 11°R 5 | 11°59 | 4°12 | 0°23 | F 8 |
| S 9 | 3 13 22 | 16°39'09 | 23°28 | 17°48 | 20°24 | 10°11 | 18°50 | 7°31 | 3° 6 | 24°20 | 2°53 | 11° 5 | 11°56 | 4°19 | 0°23 | S 9 |
| S 10 | 3 17 19 | 17°39'12 | 5♍20 | 19°25 | 21°38 | 10°13 | 19° 0 | 7°36 | 3° 4 | 24°21 | 2°53 | 11° 4 | 11°53 | 4°25 | 0°23 | S 10 |
| M11 | 3 21 15 | 18°39'18 | 17°15 | 21° 1 | 22°51 | 10°15 | 19° 9 | 7°41 | 3° 3 | 24°23 | 2°53 | 11° 1 | 11°49 | 4°32 | 0°R23 | M11 |
| T 12 | 3 25 12 | 19°39'25 | 29°16 | 22°37 | 24° 4 | 10°18 | 19°18 | 7°47 | 3° 1 | 24°24 | 2°53 | 10°58 | 11°46 | 4°39 | 0°23 | T 12 |
| W13 | 3 29 8 | 20°39'34 | 11♎26 | 24°13 | 25°17 | 10°21 | 19°27 | 7°52 | 3° 0 | 24°26 | 2°52 | 10°55 | 11°43 | 4°45 | 0°23 | W13 |
| T 14 | 3 33 5 | 21°39'45 | 23°50 | 25°48 | 26°30 | 10°26 | 19°36 | 7°58 | 2°59 | 24°27 | 2°52 | 10°52 | 11°40 | 4°52 | 0°23 | T 14 |
| F 15 | 3 37 1 | 22°39'58 | 6♏28 | 27°23 | 27°43 | 10°31 | 19°45 | 8° 3 | 2°57 | 24°29 | 2°52 | 10°49 | 11°37 | 4°59 | 0°23 | F 15 |
| S 16 | 3 40 58 | 23°40'13 | 19°21 | 28°58 | 28°56 | 10°37 | 19°54 | 8° 9 | 2°56 | 24°30 | 2°51 | 10°47 | 11°33 | 5° 6 | 0°22 | S 16 |
| S 17 | 3 44 55 | 24°40'30 | 2♐29 | 0♐32 | 0♑ 9 | 10°43 | 20° 3 | 8°15 | 2°55 | 24°31 | 2°51 | 10°46 | 11°30 | 5°12 | 0°22 | S 17 |
| M18 | 3 48 51 | 25°40'49 | 15°51 | 2° 6 | 1°21 | 10°51 | 20°11 | 8°20 | 2°54 | 24°33 | 2°51 | 10°D46 | 11°27 | 5°19 | 0°21 | M18 |
| T 19 | 3 52 48 | 26°41'09 | 29°26 | 3°40 | 2°34 | 10°59 | 20°20 | 8°26 | 2°52 | 24°34 | 2°50 | 10°46 | 11°24 | 5°26 | 0°20 | T 19 |
| W20 | 3 56 44 | 27°41'31 | 13♑12 | 5°13 | 3°47 | 11° 8 | 20°28 | 8°32 | 2°51 | 24°35 | 2°50 | 10°47 | 11°21 | 5°32 | 0°19 | W20 |
| T 21 | 4 0 41 | 28°41'54 | 27° 7 | 6°46 | 5° 0 | 11°17 | 20°36 | 8°38 | 2°50 | 24°36 | 2°50 | 10°49 | 11°18 | 5°39 | 0°18 | T 21 |
| F 22 | 4 4 37 | 29°42'18 | 11♒10 | 8°19 | 6°13 | 11°27 | 20°44 | 8°44 | 2°49 | 24°37 | 2°49 | 10°49 | 11°14 | 5°46 | 0°17 | F 22 |
| S 23 | 4 8 34 | 0♐42'44 | 25°18 | 9°52 | 7°26 | 11°38 | 20°52 | 8°50 | 2°48 | 24°39 | 2°49 | 10°R50 | 11°11 | 5°53 | 0°16 | S 23 |
| S 24 | 4 12 31 | 1°43'11 | 9♓30 | 11°24 | 8°38 | 11°50 | 21° 0 | 8°56 | 2°47 | 24°40 | 2°48 | 10°50 | 11° 8 | 5°59 | 0°15 | S 24 |
| M25 | 4 16 27 | 2°43'39 | 23°44 | 12°56 | 9°51 | 12° 2 | 21° 7 | 9° 2 | 2°47 | 24°41 | 2°48 | 10°49 | 11° 5 | 6° 6 | 0°14 | M25 |
| T 26 | 4 20 24 | 3°44'08 | 7♈56 | 14°28 | 11° 4 | 12°15 | 21°15 | 9° 8 | 2°46 | 24°42 | 2°47 | 10°49 | 11° 2 | 6°13 | 0°12 | T 26 |
| W27 | 4 24 20 | 4°44'39 | 22° 4 | 15°59 | 12°16 | 12°28 | 21°22 | 9°15 | 2°45 | 24°43 | 2°46 | 10°48 | 10°59 | 6°20 | 0°11 | W27 |
| T 28 | 4 28 17 | 5°45'11 | 6♉ 4 | 17°30 | 13°29 | 12°42 | 21°30 | 9°21 | 2°44 | 24°44 | 2°46 | 10°47 | 10°55 | 6°26 | 0° 9 | T 28 |
| F 29 | 4 32 13 | 6°45'44 | 19°53 | 19° 1 | 14°41 | 12°57 | 21°37 | 9°27 | 2°44 | 24°45 | 2°45 | 10°47 | 10°52 | 6°33 | 0° 8 | F 29 |
| S 30 | 4 36 10 | 7♐46'19 | 3♊29 | 20♐32 | 15♑54 | 13♈12 | 21♍44 | 9♑34 | 2♈43 | 24♍46 | 2♌45 | 10♊47 | 10♊49 | 6♍40 | 0♌ 6 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s21 | 12n42 | 2s35 | 12s 4 | 1n 0 | 23s 5 | 1s 6 | 2n 6 | 2s13 | 5n47 | 0n56 | 22s34 | 0n39 | 0n37 | 0s46 | 3n15 | 1n 0 | 21n 4 | 1n39 | 22n 3 | 22n13 | 14n58 | 12n58 | 7s14 |
| S 2 | 14 40 | 17 38 | 1 25 | 12 44 | 0 54 | 23 17 | 1 8 | 2 8 | 2 9 | 5 43 | 0 57 | 22 34 | 0 38 | 0 36 | 0 46 | 3 14 | 1 0 | 21 4 | 1 39 | 22 2 | 22 13 | 14 56 | 12 57 | 7 14 |
| S 3 | 14 59 | 21 31 | 0 12 | 13 22 | 0 47 | 23 30 | 1 11 | 2 10 | 2 5 | 5 40 | 0 57 | 22 34 | 0 38 | 0 35 | 0 46 | 3 14 | 1 0 | 21 5 | 1 39 | 22 2 | 22 13 | 14 53 | 12 56 | 7 15 |
| M 4 | 15 18 | 24 8 | 1n 0 | 14 0 | 0 41 | 23 41 | 1 14 | 2 13 | 2 0 | 5 36 | 0 57 | 22 34 | 0 38 | 0 35 | 0 46 | 3 13 | 1 0 | 21 5 | 1 39 | 22 2 | 22 12 | 14 51 | 12 56 | 7 16 |
| T 5 | 15 36 | 25 25 | 2 7 | 14 38 | 0 34 | 23 52 | 1 16 | 2 16 | 1 56 | 5 32 | 0 57 | 22 33 | 0 38 | 0 34 | 0 46 | 3 12 | 1 0 | 21 5 | 1 39 | 22 3 | 22 12 | 14 49 | 12 55 | 7 16 |
| W 6 | 15 54 | 25 21 | 3 6 | 15 14 | 0 27 | 24 2 | 1 19 | 2 19 | 1 52 | 5 29 | 0 57 | 22 33 | 0 38 | 0 33 | 0 46 | 3 12 | 1 0 | 21 5 | 1 40 | 22 3 | 22 11 | 14 46 | 12 54 | 7 17 |
| T 7 | 16 12 | 24 2 | 3 55 | 15 50 | 0 21 | 24 12 | 1 21 | 2 23 | 1 47 | 5 25 | 0 58 | 22 33 | 0 38 | 0 33 | 0 46 | 3 11 | 1 0 | 21 5 | 1 40 | 22 3 | 22 11 | 14 44 | 12 53 | 7 18 |
| F 8 | 16 29 | 21 39 | 4 34 | 16 25 | 0 14 | 24 20 | 1 24 | 2 26 | 1 43 | 5 21 | 0 58 | 22 33 | 0 38 | 0 32 | 0 46 | 3 11 | 1 0 | 21 5 | 1 40 | 22 3 | 22 10 | 14 42 | 12 53 | 7 19 |
| S 9 | 16 47 | 18 23 | 5 0 | 16 59 | 0 7 | 24 28 | 1 26 | 2 30 | 1 39 | 5 18 | 0 58 | 22 33 | 0 38 | 0 32 | 0 46 | 3 10 | 1 0 | 21 5 | 1 40 | 22 3 | 22 10 | 14 39 | 12 52 | 7 19 |
| S 10 | 17 3 | 14 23 | 5 13 | 17 32 | 0 0 | 24 36 | 1 29 | 2 35 | 1 35 | 5 14 | 0 58 | 22 33 | 0 37 | 0 31 | 0 46 | 3 10 | 1 0 | 21 5 | 1 40 | 22 3 | 22 10 | 14 37 | 12 51 | 7 20 |
| M11 | 17 20 | 9 49 | 5 12 | 18 4 | 0s 6 | 24 43 | 1 31 | 2 39 | 1 31 | 5 11 | 0 58 | 22 32 | 0 37 | 0 30 | 0 46 | 3 9 | 1 0 | 21 6 | 1 40 | 22 3 | 22 9 | 14 34 | 12 50 | 7 21 |
| T 12 | 17 36 | 4 52 | 4 58 | 18 36 | 0 13 | 24 49 | 1 34 | 2 44 | 1 27 | 5 7 | 0 58 | 22 32 | 0 37 | 0 30 | 0 46 | 3 8 | 1 0 | 21 6 | 1 40 | 22 2 | 22 9 | 14 32 | 12 50 | 7 21 |
| W13 | 17 53 | 0s21 | 4 31 | 19 6 | 0 20 | 24 54 | 1 36 | 2 49 | 1 23 | 5 4 | 0 59 | 22 32 | 0 37 | 0 29 | 0 46 | 3 8 | 1 0 | 21 6 | 1 40 | 22 2 | 22 8 | 14 30 | 12 49 | 7 22 |
| T 14 | 18 8 | 5 39 | 3 51 | 19 36 | 0 26 | 24 58 | 1 38 | 2 54 | 1 19 | 5 1 | 0 59 | 22 32 | 0 37 | 0 29 | 0 46 | 3 7 | 1 0 | 21 6 | 1 40 | 22 1 | 22 8 | 14 27 | 12 48 | 7 23 |
| F 15 | 18 24 | 10 50 | 2 58 | 20 4 | 0 33 | 25 2 | 1 40 | 3 0 | 1 15 | 4 57 | 0 59 | 22 32 | 0 37 | 0 28 | 0 46 | 3 7 | 1 0 | 21 6 | 1 41 | 22 1 | 22 7 | 14 25 | 12 48 | 7 23 |
| S 16 | 18 39 | 15 40 | 1 56 | 20 32 | 0 40 | 25 5 | 1 42 | 3 5 | 1 12 | 4 54 | 0 59 | 22 31 | 0 37 | 0 28 | 0 46 | 3 6 | 1 1 | 21 6 | 1 41 | 22 1 | 22 7 | 14 23 | 12 47 | 7 24 |
| S 17 | 18 54 | 19 52 | 0 46 | 20 58 | 0 46 | 25 8 | 1 44 | 3 11 | 1 8 | 4 51 | 0 59 | 22 31 | 0 37 | 0 28 | 0 46 | 3 6 | 1 1 | 21 7 | 1 41 | 22 0 | 22 7 | 14 20 | 12 47 | 7 25 |
| M18 | 19 8 | 23 6 | 0s28 | 21 23 | 0 52 | 25 9 | 1 46 | 3 18 | 1 4 | 4 48 | 1 0 | 22 31 | 0 37 | 0 27 | 0 46 | 3 5 | 1 1 | 21 7 | 1 41 | 22 0 | 22 6 | 14 18 | 12 46 | 7 25 |
| T 19 | 19 22 | 25 4 | 1 41 | 21 48 | 0 59 | 25 10 | 1 48 | 3 24 | 1 1 | 4 45 | 1 0 | 22 31 | 0 36 | 0 27 | 0 46 | 3 5 | 1 1 | 21 7 | 1 41 | 22 1 | 22 6 | 14 15 | 12 46 | 7 26 |
| W20 | 19 36 | 25 33 | 2 50 | 22 11 | 1 5 | 25 10 | 1 50 | 3 31 | 0 57 | 4 41 | 1 0 | 22 30 | 0 36 | 0 26 | 0 45 | 3 5 | 1 1 | 21 7 | 1 41 | 22 1 | 22 5 | 14 13 | 12 45 | 7 27 |
| T 21 | 19 49 | 24 26 | 3 49 | 22 33 | 1 11 | 25 9 | 1 52 | 3 37 | 0 54 | 4 38 | 1 0 | 22 30 | 0 36 | 0 26 | 0 45 | 3 4 | 1 1 | 21 7 | 1 41 | 22 1 | 22 5 | 14 11 | 12 45 | 7 27 |
| F 22 | 20 2 | 21 48 | 4 35 | 22 54 | 1 16 | 25 8 | 1 54 | 3 45 | 0 51 | 4 35 | 1 1 | 22 30 | 0 36 | 0 26 | 0 45 | 3 4 | 1 1 | 21 8 | 1 41 | 22 1 | 22 4 | 14 8 | 12 44 | 7 28 |
| S 23 | 20 15 | 17 50 | 5 5 | 23 14 | 1 22 | 25 6 | 1 56 | 3 52 | 0 47 | 4 33 | 1 1 | 22 29 | 0 36 | 0 25 | 0 45 | 3 3 | 1 1 | 21 8 | 1 41 | 22 1 | 22 4 | 14 6 | 12 44 | 7 29 |
| S 24 | 20 27 | 12 52 | 5 16 | 23 33 | 1 28 | 25 3 | 1 57 | 3 59 | 0 44 | 4 30 | 1 1 | 22 29 | 0 36 | 0 25 | 0 45 | 3 3 | 1 1 | 21 8 | 1 41 | 22 1 | 22 4 | 14 3 | 12 43 | 7 29 |
| M25 | 20 39 | 7 12 | 5 9 | 23 50 | 1 33 | 25 0 | 1 59 | 4 7 | 0 41 | 4 27 | 1 1 | 22 29 | 0 36 | 0 25 | 0 45 | 3 2 | 1 1 | 21 8 | 1 42 | 22 1 | 22 3 | 14 1 | 12 43 | 7 30 |
| T 26 | 20 51 | 1 11 | 4 42 | 24 6 | 1 38 | 24 55 | 2 0 | 4 15 | 0 38 | 4 24 | 1 1 | 22 29 | 0 36 | 0 24 | 0 45 | 3 2 | 1 1 | 21 8 | 1 42 | 22 1 | 22 3 | 13 58 | 12 43 | 7 31 |
| W27 | 21 2 | 4n53 | 3 58 | 24 21 | 1 43 | 24 50 | 2 2 | 4 23 | 0 35 | 4 21 | 1 2 | 22 28 | 0 36 | 0 24 | 0 45 | 3 2 | 1 1 | 21 9 | 1 42 | 22 1 | 22 2 | 13 56 | 12 42 | 7 31 |
| T 28 | 21 13 | 10 40 | 3 1 | 24 35 | 1 48 | 24 45 | 2 3 | 4 31 | 0 32 | 4 19 | 1 2 | 22 28 | 0 36 | 0 24 | 0 45 | 3 1 | 1 1 | 21 9 | 1 42 | 22 1 | 22 2 | 13 54 | 12 42 | 7 32 |
| F 29 | 21 23 | 15 51 | 1 53 | 24 48 | 1 52 | 24 38 | 2 4 | 4 39 | 0 29 | 4 16 | 1 2 | 22 28 | 0 35 | 0 23 | 0 45 | 3 1 | 1 1 | 21 9 | 1 42 | 22 1 | 22 1 | 13 51 | 12 42 | 7 33 |
| S 30 | 21s33 | 20n 8 | 0s40 | 24s59 | 1s57 | 24s31 | 2s 5 | 4n48 | 0s26 | 4n14 | 1n 2 | 22s27 | 0n35 | 0n23 | 0s45 | 3n 1 | 1n 1 | 21n 9 | 1n42 | 22n 1 | 22n 1 | 13n49 | 12n42 | 7s33 |

Julian Day Number = 2608903.5, Delta T = 10m09s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'50, Lahiri = 29°52'51


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# ASTRODIENST EPHEMERIS for the year 2430
# geocentric

## DECEMBER 2430 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 40 6 | 8♐46'55 | 16♊48 | 22♐ 3 | 17♑ 6 | 13♈28 | 21♍50 | 9♑40 | 2°R42 | 24♍47 | 2°R44 | 10°D47 | 10♊46 | 6♍46 | 0°R 4 | S 1 |
| M 2 | 4 44 3 | 9°47'33 | 29°51 | 23°33 | 18°18 | 13°44 | 21°57 | 9°46 | 2♈42 | 24°47 | 2♌43 | 10♊47 | 10°43 | 6°53 | 0♌ 2 | M 2 |
| T 3 | 4 48 0 | 10°48'12 | 12♋36 | 25° 3 | 19°31 | 14° 1 | 22° 4 | 9°53 | 2°41 | 24°48 | 2°43 | 10°R47 | 10°39 | 7° 0 | 0° 0 | T 3 |
| W 4 | 4 51 56 | 11°48'52 | 25° 4 | 26°32 | 20°43 | 14°18 | 22°10 | 9°59 | 2°41 | 24°49 | 2°42 | 10°47 | 10°36 | 7° 7 | 29♋58 | W 4 |
| T 5 | 4 55 53 | 12°49'34 | 7♌18 | 28° 2 | 21°55 | 14°36 | 22°16 | 10° 6 | 2°41 | 24°50 | 2°41 | 10°46 | 10°33 | 7°13 | 29°56 | T 5 |
| F 6 | 4 59 49 | 13°50'17 | 19°21 | 29°30 | 23° 7 | 14°55 | 22°22 | 10°12 | 2°40 | 24°51 | 2°40 | 10°46 | 10°30 | 7°20 | 29°54 | F 6 |
| S 7 | 5 3 46 | 14°51'02 | 1♍17 | 0♑59 | 24°19 | 15°14 | 22°28 | 10°19 | 2°40 | 24°51 | 2°39 | 10°46 | 10°27 | 7°27 | 29°51 | S 7 |
| S 8 | 5 7 42 | 15°51'49 | 13° 9 | 2°26 | 25°31 | 15°33 | 22°34 | 10°26 | 2°40 | 24°52 | 2°39 | 10°D46 | 10°24 | 7°33 | 29°49 | S 8 |
| M 9 | 5 11 39 | 16°52'36 | 25° 3 | 3°54 | 26°43 | 15°53 | 22°40 | 10°32 | 2°40 | 24°53 | 2°38 | 10°46 | 10°20 | 7°40 | 29°46 | M 9 |
| T 10 | 5 15 35 | 17°53'26 | 7♎ 4 | 5°20 | 27°55 | 16°13 | 22°45 | 10°39 | 2°39 | 24°53 | 2°37 | 10°46 | 10°17 | 7°47 | 29°44 | T 10 |
| W11 | 5 19 32 | 18°54'16 | 19°15 | 6°46 | 29° 7 | 16°34 | 22°51 | 10°46 | 2°39 | 24°54 | 2°36 | 10°47 | 10°14 | 7°54 | 29°41 | W11 |
| T 12 | 5 23 29 | 19°55'08 | 1♏41 | 8°10 | 0♒19 | 16°55 | 22°56 | 10°52 | 2°D39 | 24°54 | 2°35 | 10°48 | 10°11 | 8° 0 | 29°38 | T 12 |
| F 13 | 5 27 25 | 20°56'01 | 14°26 | 9°34 | 1°31 | 17°16 | 23° 1 | 10°59 | 2°39 | 24°55 | 2°34 | 10°49 | 10° 8 | 8° 7 | 29°35 | F 13 |
| S 14 | 5 31 22 | 21°56'56 | 27°30 | 10°56 | 2°43 | 17°38 | 23° 5 | 11° 6 | 2°39 | 24°55 | 2°33 | 10°49 | 10° 5 | 8°14 | 29°33 | S 14 |
| S 15 | 5 35 18 | 22°57'51 | 10♐56 | 12°17 | 3°54 | 18° 1 | 23°10 | 11°13 | 2°40 | 24°56 | 2°32 | 10°R50 | 10° 1 | 8°21 | 29°30 | S 15 |
| M16 | 5 39 15 | 23°58'48 | 24°42 | 13°36 | 5° 6 | 18°24 | 23°15 | 11°20 | 2°40 | 24°56 | 2°31 | 10°49 | 9°58 | 8°27 | 29°27 | M16 |
| T 17 | 5 43 11 | 24°59'46 | 8♑45 | 14°53 | 6°17 | 18°47 | 23°19 | 11°27 | 2°40 | 24°57 | 2°30 | 10°48 | 9°55 | 8°34 | 29°23 | T 17 |
| W18 | 5 47 8 | 26° 0'45 | 23° 1 | 16° 7 | 7°29 | 19°11 | 23°23 | 11°33 | 2°40 | 24°57 | 2°29 | 10°47 | 9°52 | 8°41 | 29°20 | W18 |
| T 19 | 5 51 4 | 27° 1'44 | 7♒25 | 17°19 | 8°40 | 19°35 | 23°27 | 11°40 | 2°41 | 24°57 | 2°28 | 10°44 | 9°49 | 8°47 | 29°17 | T 19 |
| F 20 | 5 55 1 | 28° 2'44 | 21°51 | 18°27 | 9°51 | 19°59 | 23°31 | 11°47 | 2°41 | 24°57 | 2°27 | 10°42 | 9°46 | 8°54 | 29°14 | F 20 |
| S 21 | 5 58 58 | 29° 3'44 | 6♓16 | 19°32 | 11° 2 | 20°24 | 23°34 | 11°54 | 2°41 | 24°58 | 2°26 | 10°40 | 9°42 | 9° 1 | 29°10 | S 21 |
| S 22 | 6 2 54 | 0♑ 4'45 | 20°33 | 20°32 | 12°13 | 20°49 | 23°38 | 12° 1 | 2°42 | 24°58 | 2°25 | 10°39 | 9°39 | 9° 8 | 29° 7 | S 22 |
| M23 | 6 6 51 | 1° 5'46 | 4♈42 | 21°28 | 13°24 | 21°14 | 23°41 | 12° 8 | 2°42 | 24°58 | 2°24 | 10°D39 | 9°36 | 9°14 | 29° 3 | M23 |
| T 24 | 6 10 47 | 2° 6'47 | 18°39 | 22°17 | 14°35 | 21°40 | 23°44 | 12°15 | 2°43 | 24°58 | 2°23 | 10°40 | 9°33 | 9°21 | 29° 0 | T 24 |
| W25 | 6 14 44 | 3° 7'49 | 2♉25 | 23° 1 | 15°46 | 22° 6 | 23°47 | 12°22 | 2°44 | 24°58 | 2°22 | 10°41 | 9°30 | 9°28 | 28°56 | W25 |
| T 26 | 6 18 40 | 4° 8'51 | 15°59 | 23°37 | 16°57 | 22°32 | 23°50 | 12°29 | 2°44 | 24°58 | 2°21 | 10°43 | 9°26 | 9°35 | 28°53 | T 26 |
| F 27 | 6 22 37 | 5° 9'54 | 29°20 | 24° 4 | 18° 7 | 22°59 | 23°52 | 12°36 | 2°45 | 24°R58 | 2°20 | 10°44 | 9°23 | 9°41 | 28°49 | F 27 |
| S 28 | 6 26 33 | 6°10'57 | 12♊30 | 24°23 | 19°18 | 23°25 | 23°54 | 12°43 | 2°46 | 24°58 | 2°19 | 10°R44 | 9°20 | 9°48 | 28°45 | S 28 |
| S 29 | 6 30 30 | 7°12'01 | 25°27 | 24°R32 | 20°28 | 23°53 | 23°57 | 12°50 | 2°47 | 24°58 | 2°17 | 10°43 | 9°17 | 9°55 | 28°41 | S 29 |
| M30 | 6 34 27 | 8°13'05 | 8♋12 | 24°29 | 21°38 | 24°20 | 23°59 | 12°57 | 2°48 | 24°58 | 2°16 | 10°41 | 9°14 | 10° 1 | 28°38 | M30 |
| T 31 | 6 38 23 | 9♑14'09 | 20♋44 | 24♑16 | 22♒48 | 24♈48 | 24♍ 0 | 13♑ 4 | 2♈49 | 24♍58 | 2♌15 | 10♊37 | 9♊11 | 10♍ 8 | 28♋34 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s43 | 23n17 | 0n33 | 25s 9 | 2s 1 | 24s23 | 2s 6 | 4n57 | 0s23 | 4n11 | 1n 3 | 22s27 | 0n35 | 0n23 | 0s45 | 3n 0 | 1n 1 | 21n10 | 1n42 | 22n 1 | 22n 0 | 13n46 | 12n41 | 7s34 |
| M 2 | 21 52 | 25 7 | 1 44 | 25 18 | 2 4 | 24 14 | 2 7 | 5 5 | 0 21 | 4 9 | 1 3 | 22 26 | 0 35 | 0 23 | 0 45 | 3 0 | 1 1 | 21 10 | 1 42 | 22 1 | 22 0 | 13 44 | 12 41 | 7 34 |
| T 3 | 22 1 | 25 34 | 2 47 | 25 25 | 2 8 | 24 5 | 2 8 | 5 14 | 0 18 | 4 6 | 1 3 | 22 26 | 0 35 | 0 23 | 0 45 | 3 0 | 1 1 | 21 10 | 1 42 | 22 1 | 22 0 | 13 41 | 12 41 | 7 35 |
| W 4 | 22 9 | 24 42 | 3 42 | 25 31 | 2 11 | 23 55 | 2 9 | 5 24 | 0 15 | 4 4 | 1 3 | 22 26 | 0 35 | 0 23 | 0 45 | 3 0 | 1 1 | 21 10 | 1 42 | 22 1 | 21 59 | 13 39 | 12 41 | 7 36 |
| T 5 | 22 17 | 22 40 | 4 25 | 25 36 | 2 14 | 23 45 | 2 10 | 5 33 | 0 13 | 4 2 | 1 4 | 22 25 | 0 35 | 0 22 | 0 45 | 2 59 | 1 1 | 21 11 | 1 43 | 22 1 | 21 59 | 13 36 | 12 41 | 7 36 |
| F 6 | 22 24 | 19 39 | 4 55 | 25 39 | 2 16 | 23 33 | 2 11 | 5 42 | 0 10 | 4 0 | 1 4 | 22 25 | 0 35 | 0 22 | 0 45 | 2 59 | 1 1 | 21 11 | 1 43 | 22 1 | 21 58 | 13 34 | 12 41 | 7 37 |
| S 7 | 22 32 | 15 52 | 5 13 | 25 41 | 2 18 | 23 21 | 2 11 | 5 52 | 0 8 | 3 58 | 1 4 | 22 24 | 0 35 | 0 22 | 0 45 | 2 59 | 1 1 | 21 11 | 1 43 | 22 0 | 21 58 | 13 31 | 12 40 | 7 37 |
| S 8 | 22 38 | 11 29 | 5 17 | 25 42 | 2 20 | 23 9 | 2 12 | 6 1 | 0 5 | 3 56 | 1 4 | 22 24 | 0 35 | 0 22 | 0 45 | 2 59 | 1 1 | 21 12 | 1 43 | 22 0 | 21 57 | 13 29 | 12 40 | 7 38 |
| M 9 | 22 44 | 6 40 | 5 7 | 25 41 | 2 21 | 22 55 | 2 12 | 6 11 | 0 3 | 3 54 | 1 4 | 22 24 | 0 35 | 0 22 | 0 45 | 2 58 | 1 1 | 21 12 | 1 43 | 22 0 | 21 57 | 13 26 | 12 40 | 7 39 |
| T 10 | 22 50 | 1 34 | 4 44 | 25 39 | 2 22 | 22 41 | 2 12 | 6 21 | 0 1 | 3 52 | 1 5 | 22 23 | 0 34 | 0 22 | 0 45 | 2 58 | 1 2 | 21 12 | 1 43 | 22 1 | 21 56 | 13 24 | 12 40 | 7 39 |
| W11 | 22 55 | 3s41 | 4 8 | 25 35 | 2 23 | 22 27 | 2 12 | 6 31 | 0n 1 | 3 50 | 1 5 | 22 23 | 0 34 | 0 22 | 0 45 | 2 58 | 1 2 | 21 12 | 1 43 | 22 1 | 21 56 | 13 21 | 12 40 | 7 40 |
| T 12 | 23 0 | 8 54 | 3 20 | 25 30 | 2 22 | 22 12 | 2 13 | 6 41 | 0 4 | 3 48 | 1 5 | 22 22 | 0 34 | 0 22 | 0 45 | 2 58 | 1 2 | 21 13 | 1 43 | 22 1 | 21 55 | 13 19 | 12 40 | 7 40 |
| F 13 | 23 4 | 13 53 | 2 21 | 25 24 | 2 22 | 21 56 | 2 13 | 6 51 | 0 6 | 3 46 | 1 5 | 22 22 | 0 34 | 0 22 | 0 45 | 2 58 | 1 2 | 21 13 | 1 43 | 22 1 | 21 55 | 13 16 | 12 40 | 7 41 |
| S 14 | 23 8 | 18 22 | 1 13 | 25 16 | 2 20 | 21 39 | 2 12 | 7 2 | 0 8 | 3 45 | 1 6 | 22 21 | 0 34 | 0 22 | 0 45 | 2 57 | 1 2 | 21 13 | 1 43 | 22 1 | 21 55 | 13 14 | 12 41 | 7 41 |
| S 15 | 23 12 | 22 2 | 0s 1 | 25 7 | 2 19 | 21 22 | 2 12 | 7 12 | 0 10 | 3 43 | 1 6 | 22 21 | 0 34 | 0 22 | 0 44 | 2 57 | 1 2 | 21 14 | 1 44 | 22 1 | 21 54 | 13 11 | 12 41 | 7 42 |
| M16 | 23 15 | 24 33 | 1 16 | 24 57 | 2 16 | 21 5 | 2 12 | 7 23 | 0 12 | 3 41 | 1 6 | 22 20 | 0 34 | 0 23 | 0 44 | 2 57 | 1 2 | 21 14 | 1 44 | 22 1 | 21 54 | 13 9 | 12 41 | 7 42 |
| T 17 | 23 17 | 25 34 | 2 28 | 24 45 | 2 13 | 20 47 | 2 11 | 7 33 | 0 14 | 3 40 | 1 6 | 22 20 | 0 34 | 0 23 | 0 44 | 2 57 | 1 2 | 21 14 | 1 44 | 22 1 | 21 53 | 13 6 | 12 41 | 7 43 |
| W18 | 23 19 | 24 55 | 3 32 | 24 32 | 2 9 | 20 28 | 2 11 | 7 44 | 0 16 | 3 39 | 1 7 | 22 19 | 0 34 | 0 23 | 0 44 | 2 57 | 1 2 | 21 15 | 1 44 | 22 1 | 21 53 | 13 4 | 12 41 | 7 43 |
| T 19 | 23 21 | 22 37 | 4 24 | 24 19 | 2 4 | 20 9 | 2 10 | 7 55 | 0 18 | 3 37 | 1 7 | 22 19 | 0 34 | 0 23 | 0 44 | 2 57 | 1 2 | 21 15 | 1 44 | 22 0 | 21 52 | 13 1 | 12 41 | 7 44 |
| F 20 | 23 22 | 18 54 | 4 58 | 24 4 | 1 58 | 19 49 | 2 10 | 8 6 | 0 20 | 3 36 | 1 7 | 22 18 | 0 34 | 0 23 | 0 44 | 2 57 | 1 2 | 21 15 | 1 44 | 22 0 | 21 52 | 12 59 | 12 41 | 7 44 |
| S 21 | 23 23 | 14 3 | 5 14 | 23 48 | 1 51 | 19 29 | 2 9 | 8 17 | 0 21 | 3 35 | 1 8 | 22 18 | 0 33 | 0 23 | 0 44 | 2 57 | 1 2 | 21 16 | 1 44 | 22 0 | 21 51 | 12 56 | 12 42 | 7 44 |
| S 22 | 23 23 | 8 29 | 5 10 | 23 31 | 1 43 | 19 8 | 2 8 | 8 28 | 0 23 | 3 34 | 1 8 | 22 17 | 0 33 | 0 24 | 0 44 | 2 57 | 1 2 | 21 16 | 1 44 | 22 0 | 21 51 | 12 54 | 12 42 | 7 45 |
| M23 | 23 23 | 2 33 | 4 48 | 23 14 | 1 35 | 18 47 | 2 7 | 8 39 | 0 25 | 3 33 | 1 8 | 22 17 | 0 33 | 0 24 | 0 44 | 2 57 | 1 2 | 21 16 | 1 44 | 21 59 | 21 50 | 12 51 | 12 42 | 7 45 |
| T 24 | 23 22 | 3n27 | 4 9 | 22 56 | 1 25 | 18 25 | 2 6 | 8 50 | 0 27 | 3 32 | 1 8 | 22 16 | 0 33 | 0 24 | 0 44 | 2 57 | 1 2 | 21 17 | 1 44 | 22 0 | 21 50 | 12 49 | 12 43 | 7 46 |
| W25 | 23 21 | 9 13 | 3 15 | 22 38 | 1 14 | 18 3 | 2 4 | 9 1 | 0 28 | 3 31 | 1 9 | 22 16 | 0 33 | 0 24 | 0 44 | 2 57 | 1 2 | 21 17 | 1 44 | 22 0 | 21 49 | 12 46 | 12 43 | 7 46 |
| T 26 | 23 19 | 14 28 | 2 12 | 22 20 | 1 1 | 17 40 | 2 3 | 9 13 | 0 30 | 3 30 | 1 9 | 22 15 | 0 33 | 0 25 | 0 44 | 2 57 | 1 2 | 21 17 | 1 45 | 22 0 | 21 49 | 12 43 | 12 43 | 7 46 |
| F 27 | 23 17 | 18 57 | 1 2 | 22 2 | 0 48 | 17 17 | 2 1 | 9 24 | 0 31 | 3 29 | 1 9 | 22 14 | 0 33 | 0 25 | 0 44 | 2 57 | 1 2 | 21 18 | 1 45 | 22 0 | 21 48 | 12 41 | 12 44 | 7 47 |
| S 28 | 23 14 | 22 24 | 0n10 | 21 44 | 0 33 | 16 54 | 2 0 | 9 35 | 0 33 | 3 29 | 1 9 | 22 14 | 0 33 | 0 25 | 0 44 | 2 57 | 1 2 | 21 18 | 1 45 | 22 0 | 21 48 | 12 38 | 12 44 | 7 47 |
| S 29 | 23 11 | 24 38 | 1 20 | 21 27 | 0 17 | 16 30 | 1 58 | 9 47 | 0 34 | 3 28 | 1 10 | 22 13 | 0 33 | 0 26 | 0 44 | 2 57 | 1 2 | 21 18 | 1 45 | 22 0 | 21 47 | 12 36 | 12 44 | 7 47 |
| M30 | 23 8 | 25 32 | 2 25 | 21 10 | 0 0 | 16 5 | 1 56 | 9 58 | 0 36 | 3 27 | 1 10 | 22 13 | 0 33 | 0 26 | 0 44 | 2 57 | 1 2 | 21 19 | 1 45 | 22 0 | 21 47 | 12 33 | 12 45 | 7 48 |
| T 31 | 23s 4 | 25n 7 | 3n22 | 20s55 | 0n18 | 15s41 | 1s54 | 10n10 | 0n37 | 3n27 | 1n10 | 22s12 | 0n33 | 0n27 | 0s44 | 2n57 | 1n 2 | 21n19 | 1n45 | 21n59 | 21n47 | 12n31 | 12n45 | 7s48 |

Julian Day Number = 2608933.5, Delta T = 10m10s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'54, Lahiri = 29°52'55


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## JANUARY 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 42 20 | 10♑15'14 | 3♌ 5 | 23°R51 | 23♒58 | 25♈16 | 24♍ 2 | 13♑11 | 2♈50 | 24°R58 | 2°R14 | 10°R32 | 9♊ 7 | 10♍15 | 28°R30 | W 1 |
| T 2 | 6 46 16 | 11°16'19 | 15°16 | 23♑14 | 25° 8 | 25°44 | 24° 3 | 13°19 | 2°51 | 24♍58 | 2♌13 | 10♊27 | 9° 4 | 10°22 | 28♋26 | T 2 |
| F 3 | 6 50 13 | 12°17'25 | 27°17 | 22°25 | 26°18 | 26°12 | 24° 5 | 13°26 | 2°52 | 24°57 | 2°12 | 10°21 | 9° 1 | 10°28 | 28°22 | F 3 |
| S 4 | 6 54 9 | 13°18'31 | 9♍12 | 21°26 | 27°27 | 26°41 | 24° 6 | 13°33 | 2°53 | 24°57 | 2°10 | 10°16 | 8°58 | 10°35 | 28°18 | S 4 |
| S 5 | 6 58 6 | 14°19'38 | 21° 4 | 20°19 | 28°37 | 27°10 | 24° 6 | 13°40 | 2°54 | 24°57 | 2° 9 | 10°12 | 8°55 | 10°42 | 28°14 | S 5 |
| M 6 | 7 2 3 | 15°20'45 | 2♎56 | 19° 4 | 29°46 | 27°39 | 24° 7 | 13°47 | 2°55 | 24°57 | 2° 8 | 10° 9 | 8°52 | 10°49 | 28°10 | M 6 |
| T 7 | 7 5 59 | 16°21'52 | 14°54 | 17°44 | 0♓55 | 28° 8 | 24° 7 | 13°54 | 2°57 | 24°56 | 2° 7 | 10°D 8 | 8°48 | 10°55 | 28° 5 | T 7 |
| W 8 | 7 9 56 | 17°23'00 | 27° 1 | 16°22 | 2° 4 | 28°38 | 24° 8 | 14° 1 | 2°58 | 24°56 | 2° 5 | 10° 9 | 8°45 | 11° 2 | 28° 1 | W 8 |
| T 9 | 7 13 52 | 18°24'08 | 9♏24 | 15° 1 | 3°13 | 29° 8 | 24°R 8 | 14° 8 | 2°59 | 24°55 | 2° 4 | 10°10 | 8°42 | 11° 9 | 27°57 | T 9 |
| F 10 | 7 17 49 | 19°25'17 | 22° 7 | 13°44 | 4°22 | 29°38 | 24° 8 | 14°15 | 3° 1 | 24°55 | 2° 3 | 10°12 | 8°39 | 11°15 | 27°53 | F 10 |
| S 11 | 7 21 45 | 20°26'26 | 5♐14 | 12°31 | 5°30 | 0♉ 8 | 24° 7 | 14°22 | 3° 2 | 24°55 | 2° 2 | 10°R13 | 8°36 | 11°22 | 27°49 | S 11 |
| S 12 | 7 25 42 | 21°27'36 | 18°46 | 11°26 | 6°38 | 0°38 | 24° 7 | 14°29 | 3° 4 | 24°54 | 2° 0 | 10°12 | 8°32 | 11°29 | 27°44 | S 12 |
| M13 | 7 29 38 | 22°28'45 | 2♑45 | 10°30 | 7°47 | 1° 9 | 24° 6 | 14°36 | 3° 5 | 24°53 | 1°59 | 10°10 | 8°29 | 11°36 | 27°40 | M13 |
| T 14 | 7 33 35 | 23°29'55 | 17° 8 | 9°43 | 8°55 | 1°40 | 24° 5 | 14°43 | 3° 7 | 24°53 | 1°58 | 10° 6 | 8°26 | 11°42 | 27°36 | T 14 |
| W15 | 7 37 32 | 24°31'04 | 1♒49 | 9° 7 | 10° 2 | 2°11 | 24° 4 | 14°50 | 3° 9 | 24°52 | 1°56 | 10° 0 | 8°23 | 11°49 | 27°31 | W15 |
| T 16 | 7 41 28 | 25°32'13 | 16°42 | 8°40 | 11°10 | 2°42 | 24° 3 | 14°57 | 3°10 | 24°52 | 1°55 | 9°53 | 8°20 | 11°56 | 27°27 | T 16 |
| F 17 | 7 45 25 | 26°33'22 | 1♓38 | 8°23 | 12°17 | 3°13 | 24° 1 | 15° 4 | 3°12 | 24°51 | 1°54 | 9°45 | 8°17 | 12° 2 | 27°23 | F 17 |
| S 18 | 7 49 21 | 27°34'31 | 16°28 | 8°D16 | 13°24 | 3°45 | 23°59 | 15°11 | 3°14 | 24°50 | 1°52 | 9°39 | 8°13 | 12° 9 | 27°19 | S 18 |
| S 19 | 7 53 18 | 28°35'38 | 1♈ 4 | 8°18 | 14°31 | 4°16 | 23°58 | 15°18 | 3°16 | 24°49 | 1°51 | 9°33 | 8°10 | 12°16 | 27°14 | S 19 |
| M20 | 7 57 14 | 29°36'45 | 15°22 | 8°27 | 15°38 | 4°48 | 23°55 | 15°25 | 3°18 | 24°49 | 1°50 | 9°30 | 8° 7 | 12°23 | 27°10 | M20 |
| T 21 | 8 1 11 | 0♒37'52 | 29°19 | 8°45 | 16°45 | 5°20 | 23°53 | 15°32 | 3°20 | 24°48 | 1°48 | 9°D29 | 8° 4 | 12°29 | 27° 6 | T 21 |
| W22 | 8 5 7 | 1°38'58 | 12♉57 | 9° 9 | 17°51 | 5°52 | 23°51 | 15°39 | 3°22 | 24°47 | 1°47 | 9°30 | 8° 1 | 12°36 | 27° 1 | W22 |
| T 23 | 8 9 4 | 2°40'03 | 26°15 | 9°39 | 18°57 | 6°24 | 23°48 | 15°46 | 3°24 | 24°46 | 1°46 | 9°31 | 7°57 | 12°43 | 26°57 | T 23 |
| F 24 | 8 13 1 | 3°41'08 | 9♊18 | 10°16 | 20° 3 | 6°57 | 23°45 | 15°53 | 3°26 | 24°45 | 1°45 | 9°R31 | 7°54 | 12°50 | 26°53 | F 24 |
| S 25 | 8 16 57 | 4°42'12 | 22° 6 | 10°57 | 21° 8 | 7°29 | 23°42 | 16° 0 | 3°28 | 24°44 | 1°43 | 9°31 | 7°51 | 12°56 | 26°48 | S 25 |
| S 26 | 8 20 54 | 5°43'15 | 4♋42 | 11°43 | 22°13 | 8° 2 | 23°39 | 16° 6 | 3°30 | 24°43 | 1°42 | 9°27 | 7°48 | 13° 3 | 26°44 | S 26 |
| M27 | 8 24 50 | 6°44'17 | 17° 9 | 12°33 | 23°18 | 8°35 | 23°36 | 16°13 | 3°32 | 24°43 | 1°41 | 9°22 | 7°45 | 13°10 | 26°40 | M27 |
| T 28 | 8 28 47 | 7°45'19 | 29°27 | 13°27 | 24°23 | 9° 8 | 23°32 | 16°20 | 3°34 | 24°42 | 1°39 | 9°13 | 7°42 | 13°16 | 26°36 | T 28 |
| W29 | 8 32 43 | 8°46'20 | 11♌37 | 14°24 | 25°27 | 9°41 | 23°28 | 16°27 | 3°37 | 24°41 | 1°38 | 9° 3 | 7°38 | 13°23 | 26°32 | W29 |
| T 30 | 8 36 40 | 9°47'20 | 23°40 | 15°25 | 26°31 | 10°14 | 23°24 | 16°33 | 3°39 | 24°39 | 1°37 | 8°50 | 7°35 | 13°30 | 26°27 | T 30 |
| F 31 | 8 40 36 | 10♒48'20 | 5♍38 | 16♑28 | 27♓35 | 10♉47 | 23♍20 | 16♑40 | 3♈41 | 24♍38 | 1♌35 | 8♊38 | 7♊32 | 13♍37 | 26♋23 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22s59 | 23n26 | 4n 8 | 20s41 | 0n37 | 15s16 | 1s52 | 10n21 | 0n39 | 3n27 | 1n11 | 22s11 | 0n33 | 0n27 | 0s44 | 2n57 | 1n 2 | 21n19 | 1n45 | 21n59 | 21n46 | 12n28 | 12n46 | 7s48 |
| T 2 | 22 54 | 20 43 | 4 42 | 20 28 | 0 56 | 14 50 | 1 50 | 10 33 | 0 40 | 3 26 | 1 11 | 22 11 | 0 33 | 0 28 | 0 44 | 2 57 | 1 3 | 21 20 | 1 45 | 21 58 | 21 46 | 12 25 | 12 46 | 7 49 |
| F 3 | 22 49 | 17 8 | 5 3 | 20 16 | 1 16 | 14 24 | 1 47 | 10 44 | 0 41 | 3 26 | 1 11 | 22 10 | 0 33 | 0 28 | 0 44 | 2 57 | 1 3 | 21 20 | 1 45 | 21 57 | 21 45 | 12 23 | 12 47 | 7 49 |
| S 4 | 22 43 | 12 54 | 5 11 | 20 6 | 1 36 | 13 58 | 1 45 | 10 56 | 0 43 | 3 26 | 1 11 | 22 10 | 0 32 | 0 29 | 0 44 | 2 58 | 1 3 | 21 20 | 1 45 | 21 56 | 21 45 | 12 20 | 12 47 | 7 49 |
| S 5 | 22 37 | 8 13 | 5 6 | 19 58 | 1 54 | 13 32 | 1 42 | 11 7 | 0 44 | 3 26 | 1 12 | 22 9 | 0 32 | 0 29 | 0 44 | 2 58 | 1 3 | 21 21 | 1 45 | 21 56 | 21 44 | 12 18 | 12 48 | 7 49 |
| M 6 | 22 30 | 3 14 | 4 47 | 19 51 | 2 12 | 13 5 | 1 40 | 11 19 | 0 45 | 3 26 | 1 12 | 22 8 | 0 32 | 0 30 | 0 44 | 2 58 | 1 3 | 21 21 | 1 46 | 21 55 | 21 44 | 12 15 | 12 49 | 7 49 |
| T 7 | 22 23 | 1s55 | 4 16 | 19 46 | 2 28 | 12 38 | 1 37 | 11 31 | 0 46 | 3 26 | 1 12 | 22 8 | 0 32 | 0 30 | 0 44 | 2 58 | 1 3 | 21 22 | 1 46 | 21 55 | 21 43 | 12 13 | 12 49 | 7 50 |
| W 8 | 22 15 | 7 4 | 3 33 | 19 42 | 2 42 | 12 11 | 1 34 | 11 42 | 0 48 | 3 26 | 1 12 | 22 7 | 0 32 | 0 31 | 0 44 | 2 58 | 1 3 | 21 22 | 1 46 | 21 55 | 21 43 | 12 10 | 12 50 | 7 50 |
| T 9 | 22 7 | 12 4 | 2 40 | 19 39 | 2 54 | 11 43 | 1 31 | 11 54 | 0 49 | 3 26 | 1 13 | 22 6 | 0 32 | 0 31 | 0 43 | 2 58 | 1 3 | 21 22 | 1 46 | 21 55 | 21 42 | 12 7 | 12 50 | 7 50 |
| F 10 | 21 59 | 16 42 | 1 37 | 19 38 | 3 3 | 11 15 | 1 28 | 12 6 | 0 50 | 3 27 | 1 13 | 22 6 | 0 32 | 0 32 | 0 43 | 2 59 | 1 3 | 21 23 | 1 46 | 21 56 | 21 42 | 12 5 | 12 51 | 7 50 |
| S 11 | 21 50 | 20 41 | 0 27 | 19 38 | 3 10 | 10 47 | 1 25 | 12 17 | 0 51 | 3 27 | 1 13 | 22 5 | 0 32 | 0 32 | 0 43 | 2 59 | 1 3 | 21 23 | 1 46 | 21 56 | 21 41 | 12 2 | 12 52 | 7 50 |
| S 12 | 21 41 | 23 41 | 0s46 | 19 40 | 3 15 | 10 19 | 1 21 | 12 29 | 0 52 | 3 28 | 1 14 | 22 4 | 0 32 | 0 33 | 0 43 | 2 59 | 1 3 | 21 23 | 1 46 | 21 56 | 21 41 | 11 59 | 12 52 | 7 50 |
| M13 | 21 31 | 25 20 | 1 59 | 19 42 | 3 17 | 9 50 | 1 18 | 12 41 | 0 53 | 3 28 | 1 14 | 22 3 | 0 32 | 0 34 | 0 43 | 2 59 | 1 3 | 21 24 | 1 46 | 21 55 | 21 40 | 11 57 | 12 53 | 7 51 |
| T 14 | 21 21 | 25 22 | 3 6 | 19 46 | 3 16 | 9 21 | 1 14 | 12 52 | 0 54 | 3 29 | 1 14 | 22 3 | 0 32 | 0 34 | 0 43 | 3 0 | 1 3 | 21 24 | 1 46 | 21 55 | 21 40 | 11 54 | 12 54 | 7 51 |
| W15 | 21 10 | 23 39 | 4 2 | 19 50 | 3 14 | 8 52 | 1 10 | 13 4 | 0 55 | 3 29 | 1 14 | 22 2 | 0 32 | 0 35 | 0 43 | 3 0 | 1 3 | 21 24 | 1 46 | 21 54 | 21 39 | 11 52 | 12 54 | 7 51 |
| T 16 | 20 59 | 20 17 | 4 43 | 19 56 | 3 11 | 8 23 | 1 7 | 13 15 | 0 56 | 3 30 | 1 15 | 22 1 | 0 32 | 0 36 | 0 43 | 3 0 | 1 3 | 21 25 | 1 46 | 21 53 | 21 39 | 11 49 | 12 55 | 7 51 |
| F 17 | 20 48 | 15 36 | 5 4 | 20 2 | 3 5 | 7 54 | 1 3 | 13 27 | 0 57 | 3 31 | 1 15 | 22 1 | 0 32 | 0 37 | 0 43 | 3 1 | 1 3 | 21 25 | 1 46 | 21 52 | 21 38 | 11 46 | 12 56 | 7 51 |
| S 18 | 20 36 | 10 1 | 5 5 | 20 9 | 2 59 | 7 25 | 0 58 | 13 39 | 0 58 | 3 32 | 1 15 | 22 0 | 0 32 | 0 37 | 0 43 | 3 1 | 1 3 | 21 26 | 1 46 | 21 51 | 21 38 | 11 44 | 12 57 | 7 51 |
| S 19 | 20 24 | 3 57 | 4 46 | 20 16 | 2 52 | 6 55 | 0 54 | 13 50 | 0 59 | 3 33 | 1 15 | 21 59 | 0 31 | 0 38 | 0 43 | 3 1 | 1 3 | 21 26 | 1 47 | 21 50 | 21 37 | 11 41 | 12 58 | 7 51 |
| M20 | 20 11 | 2n12 | 4 10 | 20 24 | 2 43 | 6 25 | 0 50 | 14 2 | 1 0 | 3 34 | 1 16 | 21 58 | 0 31 | 0 39 | 0 43 | 3 2 | 1 3 | 21 26 | 1 47 | 21 50 | 21 37 | 11 38 | 12 58 | 7 51 |
| T 21 | 19 58 | 8 6 | 3 19 | 20 32 | 2 35 | 5 55 | 0 46 | 14 13 | 1 1 | 3 35 | 1 16 | 21 58 | 0 31 | 0 40 | 0 43 | 3 2 | 1 3 | 21 27 | 1 47 | 21 49 | 21 36 | 11 36 | 12 59 | 7 51 |
| W22 | 19 45 | 13 30 | 2 18 | 20 39 | 2 25 | 5 25 | 0 41 | 14 25 | 1 1 | 3 36 | 1 16 | 21 57 | 0 31 | 0 41 | 0 43 | 3 2 | 1 3 | 21 27 | 1 47 | 21 49 | 21 36 | 11 33 | 13 0 | 7 51 |
| T 23 | 19 31 | 18 8 | 1 11 | 20 47 | 2 16 | 4 55 | 0 36 | 14 36 | 1 2 | 3 38 | 1 16 | 21 56 | 0 31 | 0 41 | 0 43 | 3 3 | 1 3 | 21 27 | 1 47 | 21 50 | 21 35 | 11 30 | 13 1 | 7 51 |
| F 24 | 19 17 | 21 46 | 0 1 | 20 54 | 2 6 | 4 25 | 0 32 | 14 48 | 1 3 | 3 39 | 1 17 | 21 56 | 0 31 | 0 42 | 0 43 | 3 3 | 1 3 | 21 28 | 1 47 | 21 50 | 21 35 | 11 28 | 13 2 | 7 51 |
| S 25 | 19 3 | 24 16 | 1n 7 | 21 0 | 1 56 | 3 55 | 0 27 | 14 59 | 1 4 | 3 40 | 1 17 | 21 55 | 0 31 | 0 43 | 0 43 | 3 3 | 1 3 | 21 28 | 1 47 | 21 50 | 21 34 | 11 25 | 13 2 | 7 51 |
| S 26 | 18 48 | 25 28 | 2 11 | 21 7 | 1 46 | 3 25 | 0 22 | 15 10 | 1 5 | 3 42 | 1 17 | 21 54 | 0 31 | 0 44 | 0 43 | 3 4 | 1 4 | 21 28 | 1 47 | 21 49 | 21 34 | 11 22 | 13 3 | 7 51 |
| M27 | 18 33 | 25 23 | 3 7 | 21 12 | 1 36 | 2 54 | 0 17 | 15 22 | 1 5 | 3 43 | 1 17 | 21 53 | 0 31 | 0 45 | 0 43 | 3 4 | 1 4 | 21 29 | 1 47 | 21 48 | 21 33 | 11 20 | 13 4 | 7 50 |
| T 28 | 18 17 | 24 2 | 3 54 | 21 17 | 1 26 | 2 24 | 0 11 | 15 33 | 1 6 | 3 45 | 1 18 | 21 53 | 0 31 | 0 46 | 0 43 | 3 5 | 1 4 | 21 29 | 1 47 | 21 47 | 21 33 | 11 17 | 13 5 | 7 50 |
| W29 | 18 2 | 21 34 | 4 29 | 21 21 | 1 16 | 1 54 | 0 6 | 15 44 | 1 7 | 3 47 | 1 18 | 21 52 | 0 31 | 0 47 | 0 43 | 3 5 | 1 4 | 21 29 | 1 47 | 21 45 | 21 32 | 11 14 | 13 6 | 7 50 |
| T 30 | 17 45 | 18 12 | 4 52 | 21 25 | 1 6 | 1 23 | 0 0 | 15 55 | 1 7 | 3 49 | 1 18 | 21 51 | 0 31 | 0 48 | 0 43 | 3 6 | 1 4 | 21 30 | 1 47 | 21 43 | 21 32 | 11 12 | 13 7 | 7 50 |
| F 31 | 17s29 | 14n 6 | 5n 2 | 21s27 | 0n56 | 0s53 | 0n 5 | 16n 6 | 1n 8 | 3n50 | 1n18 | 21s50 | 0n31 | 0n49 | 0s43 | 3n 6 | 1n 4 | 21n30 | 1n47 | 21n42 | 21n31 | 11n 9 | 13n 8 | 7s50 |

Julian Day Number = 2608964.5, Delta T = 10m10s
Ecliptic obliquity = 23°23'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°45'58, Lahiri = 29°53'00


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## FEBRUARY 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 44 33 | 11♒49'19 | 17♍31 | 17♑34 | 28♓38 | 11♉20 | 23°R16 | 16♑47 | 3♈44 | 24°R37 | 1°R34 | 8°R26 | 7♊29 | 13♍43 | 26°R19 | S 1 |
| S 2 | 8 48 30 | 12°50'17 | 29°22 | 18°42 | 29°41 | 11°54 | 23♍12 | 16°53 | 3°46 | 24♍36 | 1♌33 | 8♊16 | 7°26 | 13°50 | 26♋15 | S 2 |
| M 3 | 8 52 26 | 13°51'15 | 11♎13 | 19°52 | 0♈43 | 12°27 | 23° 7 | 17° 0 | 3°49 | 24°35 | 1°32 | 8° 9 | 7°23 | 13°57 | 26°11 | M 3 |
| T 4 | 8 56 23 | 14°52'12 | 23° 9 | 21° 4 | 1°46 | 13° 1 | 23° 2 | 17° 6 | 3°51 | 24°34 | 1°30 | 8° 4 | 7°19 | 14° 4 | 26° 7 | T 4 |
| W 5 | 9 0 19 | 15°53'08 | 5♏14 | 22°17 | 2°47 | 13°35 | 22°57 | 17°13 | 3°54 | 24°33 | 1°29 | 8° 1 | 7°16 | 14°10 | 26° 3 | W 5 |
| T 6 | 9 4 16 | 16°54'04 | 17°32 | 23°33 | 3°49 | 14° 9 | 22°52 | 17°19 | 3°56 | 24°31 | 1°28 | 8°D 1 | 7°13 | 14°17 | 25°59 | T 6 |
| F 7 | 9 8 12 | 17°55'00 | 0♐ 9 | 24°49 | 4°50 | 14°43 | 22°47 | 17°26 | 3°59 | 24°30 | 1°26 | 8° 1 | 7°10 | 14°24 | 25°55 | F 7 |
| S 8 | 9 12 9 | 18°55'54 | 13° 9 | 26° 8 | 5°51 | 15°17 | 22°42 | 17°32 | 4° 1 | 24°29 | 1°25 | 8°R 1 | 7° 7 | 14°30 | 25°51 | S 8 |
| S 9 | 9 16 5 | 19°56'48 | 26°36 | 27°27 | 6°51 | 15°51 | 22°36 | 17°39 | 4° 4 | 24°28 | 1°24 | 8° 0 | 7° 3 | 14°37 | 25°48 | S 9 |
| M10 | 9 20 2 | 20°57'41 | 10♑34 | 28°48 | 7°51 | 16°25 | 22°31 | 17°45 | 4° 7 | 24°26 | 1°23 | 7°56 | 7° 0 | 14°44 | 25°44 | M10 |
| T 11 | 9 23 59 | 21°58'34 | 25° 1 | 0♒10 | 8°50 | 17° 0 | 22°25 | 17°51 | 4° 9 | 24°25 | 1°22 | 7°49 | 6°57 | 14°51 | 25°40 | T 11 |
| W12 | 9 27 55 | 22°59'25 | 9♒53 | 1°33 | 9°49 | 17°34 | 22°19 | 17°57 | 4°12 | 24°24 | 1°20 | 7°40 | 6°54 | 14°57 | 25°36 | W12 |
| T 13 | 9 31 52 | 24° 0'15 | 25° 2 | 2°57 | 10°47 | 18° 8 | 22°13 | 18° 4 | 4°15 | 24°22 | 1°19 | 7°29 | 6°51 | 15° 4 | 25°33 | T 13 |
| F 14 | 9 35 48 | 25° 1'04 | 10♓19 | 4°23 | 11°45 | 18°43 | 22° 6 | 18°10 | 4°18 | 24°21 | 1°18 | 7°18 | 6°48 | 15°11 | 25°29 | F 14 |
| S 15 | 9 39 45 | 26° 1'52 | 25°31 | 5°49 | 12°42 | 19°18 | 22° 0 | 18°16 | 4°21 | 24°19 | 1°17 | 7° 7 | 6°44 | 15°17 | 25°26 | S 15 |
| S 16 | 9 43 41 | 27° 2'38 | 10♈29 | 7°16 | 13°39 | 19°52 | 21°54 | 18°22 | 4°23 | 24°18 | 1°16 | 6°59 | 6°41 | 15°24 | 25°22 | S 16 |
| M17 | 9 47 38 | 28° 3'23 | 25° 5 | 8°44 | 14°35 | 20°27 | 21°47 | 18°28 | 4°26 | 24°17 | 1°14 | 6°53 | 6°38 | 15°31 | 25°19 | M17 |
| T 18 | 9 51 34 | 29° 4'06 | 9♉14 | 10°13 | 15°31 | 21° 2 | 21°40 | 18°34 | 4°29 | 24°15 | 1°13 | 6°49 | 6°35 | 15°38 | 25°16 | T 18 |
| W19 | 9 55 31 | 0♓ 4'48 | 22°57 | 11°43 | 16°26 | 21°37 | 21°34 | 18°40 | 4°32 | 24°14 | 1°12 | 6°48 | 6°32 | 15°44 | 25°12 | W19 |
| T 20 | 9 59 28 | 1° 5'28 | 6♊14 | 13°14 | 17°20 | 22°12 | 21°27 | 18°46 | 4°35 | 24°12 | 1°11 | 6°48 | 6°29 | 15°51 | 25° 9 | T 20 |
| F 21 | 10 3 24 | 2° 6'06 | 19°10 | 14°45 | 18°14 | 22°47 | 21°20 | 18°51 | 4°38 | 24°11 | 1°10 | 6°48 | 6°25 | 15°58 | 25° 6 | F 21 |
| S 22 | 10 7 21 | 3° 6'43 | 1♋48 | 16°18 | 19° 7 | 23°23 | 21°13 | 18°57 | 4°41 | 24° 9 | 1° 9 | 6°46 | 6°22 | 16° 5 | 25° 3 | S 22 |
| S 23 | 10 11 17 | 4° 7'18 | 14°12 | 17°52 | 19°59 | 23°58 | 21° 5 | 19° 3 | 4°44 | 24° 8 | 1° 8 | 6°42 | 6°19 | 16°11 | 25° 0 | S 23 |
| M24 | 10 15 14 | 5° 7'51 | 26°25 | 19°26 | 20°51 | 24°33 | 20°58 | 19° 8 | 4°47 | 24° 6 | 1° 7 | 6°34 | 6°16 | 16°18 | 24°57 | M24 |
| T 25 | 10 19 10 | 6° 8'23 | 8♌31 | 21° 1 | 21°42 | 25° 8 | 20°51 | 19°14 | 4°50 | 24° 4 | 1° 6 | 6°24 | 6°13 | 16°25 | 24°55 | T 25 |
| W26 | 10 23 7 | 7° 8'53 | 20°31 | 22°37 | 22°32 | 25°44 | 20°43 | 19°20 | 4°54 | 24° 3 | 1° 5 | 6°11 | 6° 9 | 16°31 | 24°52 | W26 |
| T 27 | 10 27 3 | 8° 9'22 | 2♍28 | 24°14 | 23°21 | 26°19 | 20°36 | 19°25 | 4°57 | 24° 1 | 1° 4 | 5°57 | 6° 6 | 16°38 | 24°49 | T 27 |
| F 28 | 10 31 0 | 9♓ 9'49 | 14♍21 | 25♒52 | 24♈ 9 | 26♉55 | 20♍28 | 19♑30 | 5♈ 0 | 24♍ 0 | 1♌ 3 | 5♊42 | 6♊ 3 | 16♍45 | 24♋47 | F 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s12 | 9n31 | 4n59 | 21s28 | 0n46 | 0s23 | 0n11 | 16n17 | 1n 9 | 3n52 | 1n19 | 21s49 | 0n31 | 0n50 | 0s43 | 3n 6 | 1n 4 | 21n31 | 1n47 | 21n40 | 21n30 | 11n 6 | 13n 9 | 7s50 |
| S 2 | 16 55 | 4 35 | 4 43 | 21 29 | 0 36 | 0n 8 | 0 16 | 16 28 | 1 9 | 3 54 | 1 19 | 21 49 | 0 31 | 0 51 | 0 43 | 3 7 | 1 4 | 21 31 | 1 47 | 21 38 | 21 30 | 11 4 | 13 10 | 7 49 |
| M 3 | 16 38 | 0s32 | 4 14 | 21 28 | 0 27 | 0 38 | 0 22 | 16 39 | 1 10 | 3 56 | 1 19 | 21 48 | 0 31 | 0 52 | 0 43 | 3 7 | 1 4 | 21 31 | 1 47 | 21 37 | 21 29 | 11 1 | 13 11 | 7 49 |
| T 4 | 16 20 | 5 39 | 3 35 | 21 27 | 0 18 | 1 8 | 0 28 | 16 50 | 1 11 | 3 58 | 1 19 | 21 47 | 0 31 | 0 53 | 0 43 | 3 8 | 1 4 | 21 32 | 1 48 | 21 36 | 21 29 | 10 58 | 13 12 | 7 49 |
| W 5 | 16 2 | 10 39 | 2 45 | 21 24 | 0 9 | 1 38 | 0 34 | 17 1 | 1 11 | 4 1 | 1 20 | 21 46 | 0 31 | 0 54 | 0 43 | 3 8 | 1 4 | 21 32 | 1 48 | 21 36 | 21 28 | 10 56 | 13 12 | 7 49 |
| T 6 | 15 44 | 15 19 | 1 47 | 21 20 | 0 0 | 2 8 | 0 41 | 17 11 | 1 12 | 4 3 | 1 20 | 21 46 | 0 31 | 0 55 | 0 43 | 3 9 | 1 4 | 21 32 | 1 48 | 21 36 | 21 28 | 10 53 | 13 13 | 7 49 |
| F 7 | 15 26 | 19 27 | 0 42 | 21 15 | 0s 8 | 2 38 | 0 47 | 17 22 | 1 12 | 4 5 | 1 20 | 21 45 | 0 31 | 0 56 | 0 42 | 3 9 | 1 4 | 21 33 | 1 48 | 21 36 | 21 27 | 10 50 | 13 14 | 7 48 |
| S 8 | 15 7 | 22 46 | 0s27 | 21 9 | 0 17 | 3 8 | 0 53 | 17 33 | 1 13 | 4 7 | 1 20 | 21 44 | 0 30 | 0 57 | 0 42 | 3 10 | 1 4 | 21 33 | 1 48 | 21 36 | 21 27 | 10 48 | 13 15 | 7 48 |
| S 9 | 14 48 | 24 57 | 1 37 | 21 2 | 0 25 | 3 38 | 1 0 | 17 43 | 1 13 | 4 10 | 1 21 | 21 43 | 0 30 | 0 58 | 0 42 | 3 11 | 1 4 | 21 33 | 1 48 | 21 35 | 21 26 | 10 45 | 13 16 | 7 48 |
| M10 | 14 29 | 25 41 | 2 43 | 20 53 | 0 33 | 4 7 | 1 6 | 17 53 | 1 14 | 4 12 | 1 21 | 21 42 | 0 30 | 0 59 | 0 42 | 3 11 | 1 4 | 21 34 | 1 48 | 21 35 | 21 26 | 10 42 | 13 17 | 7 47 |
| T 11 | 14 9 | 24 43 | 3 41 | 20 43 | 0 40 | 4 37 | 1 13 | 18 4 | 1 14 | 4 15 | 1 21 | 21 42 | 0 30 | 1 0 | 0 42 | 3 12 | 1 4 | 21 34 | 1 48 | 21 34 | 21 25 | 10 39 | 13 18 | 7 47 |
| W12 | 13 49 | 22 0 | 4 26 | 20 32 | 0 47 | 5 6 | 1 20 | 18 14 | 1 15 | 4 17 | 1 21 | 21 41 | 0 30 | 1 1 | 0 42 | 3 12 | 1 4 | 21 34 | 1 48 | 21 32 | 21 25 | 10 37 | 13 19 | 7 47 |
| T 13 | 13 29 | 17 45 | 4 54 | 20 20 | 0 54 | 5 35 | 1 27 | 18 24 | 1 15 | 4 20 | 1 21 | 21 40 | 0 30 | 1 2 | 0 42 | 3 13 | 1 4 | 21 35 | 1 48 | 21 31 | 21 24 | 10 34 | 13 20 | 7 46 |
| F 14 | 13 9 | 12 19 | 5 0 | 20 7 | 1 1 | 6 4 | 1 34 | 18 34 | 1 16 | 4 22 | 1 22 | 21 39 | 0 30 | 1 3 | 0 42 | 3 13 | 1 4 | 21 35 | 1 48 | 21 29 | 21 24 | 10 31 | 13 21 | 7 46 |
| S 15 | 12 49 | 6 9 | 4 45 | 19 52 | 1 8 | 6 33 | 1 41 | 18 44 | 1 16 | 4 25 | 1 22 | 21 39 | 0 30 | 1 5 | 0 42 | 3 14 | 1 4 | 21 35 | 1 48 | 21 27 | 21 23 | 10 28 | 13 22 | 7 46 |
| S 16 | 12 28 | 0n17 | 4 11 | 19 36 | 1 14 | 7 2 | 1 48 | 18 54 | 1 17 | 4 28 | 1 22 | 21 38 | 0 30 | 1 6 | 0 42 | 3 15 | 1 4 | 21 35 | 1 48 | 21 26 | 21 23 | 10 26 | 13 23 | 7 45 |
| M17 | 12 7 | 6 34 | 3 21 | 19 19 | 1 20 | 7 30 | 1 55 | 19 4 | 1 17 | 4 31 | 1 22 | 21 37 | 0 30 | 1 7 | 0 42 | 3 15 | 1 4 | 21 36 | 1 48 | 21 25 | 21 22 | 10 23 | 13 24 | 7 45 |
| T 18 | 11 46 | 12 19 | 2 20 | 19 1 | 1 25 | 7 59 | 2 2 | 19 13 | 1 18 | 4 33 | 1 22 | 21 36 | 0 30 | 1 8 | 0 42 | 3 16 | 1 4 | 21 36 | 1 48 | 21 24 | 21 22 | 10 20 | 13 25 | 7 44 |
| W19 | 11 25 | 17 18 | 1 13 | 18 41 | 1 31 | 8 26 | 2 10 | 19 23 | 1 18 | 4 36 | 1 22 | 21 36 | 0 30 | 1 9 | 0 42 | 3 16 | 1 4 | 21 36 | 1 48 | 21 24 | 21 21 | 10 17 | 13 26 | 7 44 |
| T 20 | 11 4 | 21 15 | 0 3 | 18 20 | 1 36 | 8 54 | 2 17 | 19 32 | 1 18 | 4 39 | 1 23 | 21 35 | 0 30 | 1 10 | 0 42 | 3 17 | 1 4 | 21 37 | 1 48 | 21 24 | 21 20 | 10 15 | 13 27 | 7 43 |
| F 21 | 10 42 | 24 1 | 1n 5 | 17 58 | 1 40 | 9 22 | 2 25 | 19 42 | 1 19 | 4 42 | 1 23 | 21 34 | 0 30 | 1 12 | 0 42 | 3 18 | 1 4 | 21 37 | 1 48 | 21 24 | 21 20 | 10 12 | 13 28 | 7 43 |
| S 22 | 10 20 | 25 30 | 2 8 | 17 35 | 1 45 | 9 49 | 2 32 | 19 51 | 1 19 | 4 45 | 1 23 | 21 33 | 0 30 | 1 13 | 0 42 | 3 18 | 1 4 | 21 37 | 1 48 | 21 23 | 21 19 | 10 9 | 13 29 | 7 43 |
| S 23 | 9 59 | 25 40 | 3 3 | 17 10 | 1 49 | 10 16 | 2 40 | 20 0 | 1 19 | 4 48 | 1 23 | 21 33 | 0 30 | 1 14 | 0 42 | 3 19 | 1 4 | 21 37 | 1 48 | 21 23 | 21 19 | 10 6 | 13 30 | 7 42 |
| M24 | 9 37 | 24 35 | 3 50 | 16 44 | 1 52 | 10 42 | 2 48 | 20 9 | 1 20 | 4 51 | 1 23 | 21 32 | 0 30 | 1 15 | 0 42 | 3 19 | 1 4 | 21 38 | 1 48 | 21 21 | 21 18 | 10 4 | 13 31 | 7 42 |
| T 25 | 9 14 | 22 21 | 4 25 | 16 17 | 1 56 | 11 9 | 2 55 | 20 18 | 1 20 | 4 54 | 1 23 | 21 31 | 0 30 | 1 17 | 0 42 | 3 20 | 1 4 | 21 38 | 1 49 | 21 20 | 21 18 | 10 1 | 13 32 | 7 41 |
| W26 | 8 52 | 19 10 | 4 48 | 15 49 | 1 59 | 11 35 | 3 3 | 20 27 | 1 20 | 4 57 | 1 23 | 21 30 | 0 30 | 1 18 | 0 42 | 3 21 | 1 4 | 21 38 | 1 49 | 21 17 | 21 17 | 9 58 | 13 33 | 7 41 |
| T 27 | 8 30 | 15 13 | 4 58 | 15 19 | 2 1 | 12 0 | 3 11 | 20 36 | 1 21 | 5 0 | 1 24 | 21 30 | 0 30 | 1 19 | 0 42 | 3 21 | 1 4 | 21 39 | 1 49 | 21 15 | 21 17 | 9 55 | 13 34 | 7 40 |
| F 28 | 8s 7 | 10n41 | 4n56 | 14s48 | 2s 4 | 12n26 | 3n19 | 20n44 | 1n21 | 5n 3 | 1n24 | 21s29 | 0n30 | 1n20 | 0s42 | 3n22 | 1n 4 | 21n39 | 1n49 | 21n12 | 21n16 | 9n53 | 13n35 | 7s40 |

Julian Day Number = 2608995.5, Delta T = 10m10s
Ecliptic obliquity = 23°23'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'03, Lahiri = 29°53'04


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## MARCH 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 34 57 | 10♓10'14 | 26♍14 | 27♒31 | 24♈56 | 27♉30 | 20°R21 | 19♑36 | 5♈ 3 | 23°R58 | 1°R 2 | 5°R27 | 6♊ 0 | 16♍52 | 24°R44 | S 1 |
| S 2 | 10 38 53 | 11°10'38 | 8♎ 6 | 29°11 | 25°43 | 28° 6 | 20♍13 | 19°41 | 5° 6 | 23♍57 | 1♌ 1 | 5♊15 | 5°57 | 16°58 | 24♋42 | S 2 |
| M 3 | 10 42 50 | 12°11'00 | 20° 0 | 0♓52 | 26°28 | 28°41 | 20° 5 | 19°46 | 5° 9 | 23°55 | 1° 0 | 5° 5 | 5°54 | 17° 5 | 24°39 | M 3 |
| T 4 | 10 46 46 | 13°11'21 | 1♏59 | 2°34 | 27°13 | 29°17 | 19°58 | 19°51 | 5°13 | 23°53 | 0°59 | 4°58 | 5°50 | 17°12 | 24°37 | T 4 |
| W 5 | 10 50 43 | 14°11'40 | 14° 5 | 4°17 | 27°56 | 29°53 | 19°50 | 19°56 | 5°16 | 23°52 | 0°58 | 4°54 | 5°47 | 17°18 | 24°35 | W 5 |
| T 6 | 10 54 39 | 15°11'58 | 26°22 | 6° 0 | 28°38 | 0♊29 | 19°42 | 20° 2 | 5°19 | 23°50 | 0°57 | 4°53 | 5°44 | 17°25 | 24°33 | T 6 |
| F 7 | 10 58 36 | 16°12'14 | 8♐56 | 7°45 | 29°19 | 1° 4 | 19°34 | 20° 6 | 5°22 | 23°48 | 0°56 | 4°D53 | 5°41 | 17°32 | 24°31 | F 7 |
| S 8 | 11 2 32 | 17°12'30 | 21°50 | 9°31 | 29°59 | 1°40 | 19°27 | 20°11 | 5°26 | 23°47 | 0°55 | 4°R53 | 5°38 | 17°39 | 24°29 | S 8 |
| S 9 | 11 6 29 | 18°12'43 | 5♑10 | 11°18 | 0♉38 | 2°16 | 19°19 | 20°16 | 5°29 | 23°45 | 0°54 | 4°52 | 5°35 | 17°45 | 24°27 | S 9 |
| M10 | 11 10 26 | 19°12'56 | 18°57 | 13° 6 | 1°16 | 2°52 | 19°11 | 20°21 | 5°32 | 23°43 | 0°54 | 4°49 | 5°31 | 17°52 | 24°25 | M10 |
| T 11 | 11 14 22 | 20°13'06 | 3♒15 | 14°55 | 1°52 | 3°28 | 19° 3 | 20°26 | 5°36 | 23°42 | 0°53 | 4°43 | 5°28 | 17°59 | 24°24 | T 11 |
| W12 | 11 18 19 | 21°13'16 | 17°59 | 16°45 | 2°27 | 4° 4 | 18°55 | 20°30 | 5°39 | 23°40 | 0°52 | 4°35 | 5°25 | 18° 5 | 24°22 | W12 |
| T 13 | 11 22 15 | 22°13'23 | 3♓ 5 | 18°36 | 3° 1 | 4°40 | 18°47 | 20°35 | 5°42 | 23°38 | 0°51 | 4°25 | 5°22 | 18°12 | 24°21 | T 13 |
| F 14 | 11 26 12 | 23°13'29 | 18°24 | 20°28 | 3°33 | 5°16 | 18°39 | 20°39 | 5°46 | 23°37 | 0°51 | 4°14 | 5°19 | 18°19 | 24°19 | F 14 |
| S 15 | 11 30 8 | 24°13'33 | 3♈44 | 22°21 | 4° 3 | 5°52 | 18°32 | 20°44 | 5°49 | 23°35 | 0°50 | 4° 4 | 5°15 | 18°26 | 24°18 | S 15 |
| S 16 | 11 34 5 | 25°13'35 | 18°54 | 24°15 | 4°32 | 6°29 | 18°24 | 20°48 | 5°52 | 23°33 | 0°49 | 3°55 | 5°12 | 18°32 | 24°17 | S 16 |
| M17 | 11 38 1 | 26°13'35 | 3♉43 | 26°10 | 5° 0 | 7° 5 | 18°16 | 20°52 | 5°56 | 23°32 | 0°48 | 3°50 | 5° 9 | 18°39 | 24°16 | M17 |
| T 18 | 11 41 58 | 27°13'33 | 18° 6 | 28° 6 | 5°25 | 7°41 | 18° 8 | 20°56 | 5°59 | 23°30 | 0°48 | 3°46 | 5° 6 | 18°46 | 24°15 | T 18 |
| W19 | 11 45 55 | 28°13'28 | 2♊ 0 | 0♈ 3 | 5°49 | 8°17 | 18° 1 | 21° 0 | 6° 3 | 23°28 | 0°47 | 3°D45 | 5° 3 | 18°53 | 24°14 | W19 |
| T 20 | 11 49 51 | 29°13'22 | 15°26 | 2° 1 | 6°11 | 8°54 | 17°53 | 21° 4 | 6° 6 | 23°27 | 0°47 | 3°46 | 5° 0 | 18°59 | 24°13 | T 20 |
| F 21 | 11 53 48 | 0♈13'14 | 28°26 | 3°59 | 6°31 | 9°30 | 17°46 | 21° 8 | 6° 9 | 23°25 | 0°46 | 3°R46 | 4°56 | 19° 6 | 24°12 | F 21 |
| S 22 | 11 57 44 | 1°13'03 | 11♋ 4 | 5°58 | 6°49 | 10° 6 | 17°38 | 21°12 | 6°13 | 23°23 | 0°45 | 3°46 | 4°53 | 19°13 | 24°12 | S 22 |
| S 23 | 12 1 41 | 2°12'50 | 23°25 | 7°57 | 7° 6 | 10°43 | 17°31 | 21°16 | 6°16 | 23°22 | 0°45 | 3°43 | 4°50 | 19°19 | 24°11 | S 23 |
| M24 | 12 5 37 | 3°12'35 | 5♌34 | 9°56 | 7°20 | 11°19 | 17°23 | 21°19 | 6°20 | 23°20 | 0°44 | 3°38 | 4°47 | 19°26 | 24°11 | M24 |
| T 25 | 12 9 34 | 4°12'18 | 17°33 | 11°55 | 7°32 | 11°56 | 17°16 | 21°23 | 6°23 | 23°18 | 0°44 | 3°31 | 4°44 | 19°33 | 24°11 | T 25 |
| W26 | 12 13 30 | 5°11'58 | 29°28 | 13°54 | 7°41 | 12°32 | 17° 9 | 21°26 | 6°26 | 23°17 | 0°43 | 3°22 | 4°41 | 19°40 | 24°10 | W26 |
| T 27 | 12 17 27 | 6°11'36 | 11♍20 | 15°53 | 7°49 | 13° 8 | 17° 2 | 21°30 | 6°30 | 23°15 | 0°43 | 3°11 | 4°37 | 19°46 | 24°10 | T 27 |
| F 28 | 12 21 23 | 7°11'12 | 23°12 | 17°50 | 7°54 | 13°45 | 16°55 | 21°33 | 6°33 | 23°14 | 0°43 | 3° 0 | 4°34 | 19°53 | 24°D10 | F 28 |
| S 29 | 12 25 20 | 8°10'46 | 5♎ 6 | 19°46 | 7°57 | 14°21 | 16°48 | 21°36 | 6°37 | 23°12 | 0°42 | 2°49 | 4°31 | 20° 0 | 24°10 | S 29 |
| S 30 | 12 29 17 | 9°10'19 | 17° 2 | 21°41 | 7°R57 | 14°58 | 16°41 | 21°40 | 6°40 | 23°10 | 0°42 | 2°40 | 4°28 | 20° 6 | 24°10 | S 30 |
| M31 | 12 33 13 | 10♈ 9'49 | 29♎ 3 | 23♈34 | 7♉55 | 15♊34 | 16♍34 | 21♑43 | 6♈44 | 23♍ 9 | 0♌41 | 2♊32 | 4♊25 | 20♍13 | 24♋11 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s44 | 5n47 | 4n40 | 14s16 | 2s 6 | 12n51 | 3n27 | 20n53 | 1n21 | 5n 6 | 1n24 | 21s28 | 0n30 | 1n22 | 0s42 | 3n23 | 1n 4 | 21n39 | 1n49 | 21n10 | 21n16 | 9n50 | 13n36 | 7s39 |
| S 2 | 7 21 | 0 39 | 4 12 | 13 43 | 2 7 | 13 15 | 3 35 | 21 1 | 1 22 | 5 9 | 1 24 | 21 27 | 0 30 | 1 23 | 0 42 | 3 23 | 1 5 | 21 39 | 1 49 | 21 8 | 21 15 | 9 47 | 13 37 | 7 39 |
| M 3 | 6 59 | 4s31 | 3 33 | 13 8 | 2 8 | 13 39 | 3 43 | 21 9 | 1 22 | 5 12 | 1 24 | 21 27 | 0 30 | 1 24 | 0 42 | 3 24 | 1 5 | 21 40 | 1 49 | 21 6 | 21 14 | 9 44 | 13 38 | 7 38 |
| T 4 | 6 35 | 9 34 | 2 44 | 12 33 | 2 9 | 14 3 | 3 51 | 21 17 | 1 22 | 5 15 | 1 24 | 21 26 | 0 30 | 1 25 | 0 42 | 3 25 | 1 5 | 21 40 | 1 49 | 21 5 | 21 14 | 9 41 | 13 39 | 7 37 |
| W 5 | 6 12 | 14 19 | 1 48 | 11 55 | 2 9 | 14 27 | 4 0 | 21 25 | 1 22 | 5 19 | 1 24 | 21 25 | 0 29 | 1 27 | 0 42 | 3 25 | 1 5 | 21 40 | 1 49 | 21 4 | 21 13 | 9 39 | 13 39 | 7 37 |
| T 6 | 5 49 | 18 34 | 0 45 | 11 17 | 2 9 | 14 49 | 4 8 | 21 33 | 1 23 | 5 22 | 1 24 | 21 25 | 0 29 | 1 28 | 0 42 | 3 26 | 1 5 | 21 40 | 1 49 | 21 4 | 21 13 | 9 36 | 13 40 | 7 36 |
| F 7 | 5 26 | 22 5 | 0s21 | 10 38 | 2 8 | 15 12 | 4 16 | 21 41 | 1 23 | 5 25 | 1 24 | 21 24 | 0 29 | 1 29 | 0 42 | 3 27 | 1 5 | 21 40 | 1 49 | 21 4 | 21 12 | 9 33 | 13 41 | 7 36 |
| S 8 | 5 2 | 24 36 | 1 29 | 9 57 | 2 7 | 15 34 | 4 24 | 21 48 | 1 23 | 5 28 | 1 25 | 21 23 | 0 29 | 1 31 | 0 42 | 3 27 | 1 5 | 21 41 | 1 49 | 21 4 | 21 12 | 9 30 | 13 42 | 7 35 |
| S 9 | 4 39 | 25 50 | 2 33 | 9 15 | 2 6 | 15 55 | 4 33 | 21 56 | 1 23 | 5 31 | 1 25 | 21 23 | 0 29 | 1 32 | 0 42 | 3 28 | 1 5 | 21 41 | 1 49 | 21 3 | 21 11 | 9 28 | 13 43 | 7 35 |
| M10 | 4 16 | 25 32 | 3 31 | 8 32 | 2 4 | 16 16 | 4 41 | 22 3 | 1 23 | 5 34 | 1 25 | 21 22 | 0 29 | 1 33 | 0 42 | 3 29 | 1 5 | 21 41 | 1 49 | 21 3 | 21 11 | 9 25 | 13 44 | 7 34 |
| T 11 | 3 52 | 23 34 | 4 18 | 7 48 | 2 1 | 16 37 | 4 49 | 22 10 | 1 24 | 5 37 | 1 25 | 21 21 | 0 29 | 1 35 | 0 42 | 3 29 | 1 5 | 21 41 | 1 49 | 21 2 | 21 10 | 9 22 | 13 45 | 7 33 |
| W12 | 3 28 | 19 59 | 4 49 | 7 2 | 1 59 | 16 57 | 4 57 | 22 17 | 1 24 | 5 40 | 1 25 | 21 21 | 0 29 | 1 36 | 0 42 | 3 30 | 1 5 | 21 42 | 1 49 | 21 0 | 21 9 | 9 19 | 13 46 | 7 33 |
| T 13 | 3 5 | 15 2 | 5 1 | 6 16 | 1 55 | 17 16 | 5 6 | 22 24 | 1 24 | 5 44 | 1 25 | 21 20 | 0 29 | 1 37 | 0 42 | 3 31 | 1 5 | 21 42 | 1 49 | 20 59 | 21 9 | 9 16 | 13 47 | 7 32 |
| F 14 | 2 41 | 9 4 | 4 52 | 5 28 | 1 51 | 17 35 | 5 14 | 22 31 | 1 24 | 5 47 | 1 25 | 21 19 | 0 29 | 1 39 | 0 42 | 3 31 | 1 5 | 21 42 | 1 49 | 20 57 | 21 8 | 9 13 | 13 47 | 7 31 |
| S 15 | 2 17 | 2 32 | 4 22 | 4 40 | 1 47 | 17 53 | 5 22 | 22 37 | 1 24 | 5 50 | 1 25 | 21 19 | 0 29 | 1 40 | 0 42 | 3 32 | 1 5 | 21 42 | 1 49 | 20 55 | 21 8 | 9 11 | 13 48 | 7 31 |
| S 16 | 1 54 | 4n 5 | 3 34 | 3 50 | 1 42 | 18 11 | 5 30 | 22 44 | 1 24 | 5 53 | 1 25 | 21 18 | 0 29 | 1 41 | 0 42 | 3 33 | 1 5 | 21 42 | 1 49 | 20 53 | 21 7 | 9 8 | 13 49 | 7 30 |
| M17 | 1 30 | 10 20 | 2 32 | 2 59 | 1 36 | 18 28 | 5 38 | 22 50 | 1 25 | 5 56 | 1 25 | 21 17 | 0 29 | 1 43 | 0 42 | 3 33 | 1 5 | 21 42 | 1 49 | 20 52 | 21 7 | 9 5 | 13 50 | 7 30 |
| T 18 | 1 6 | 15 52 | 1 22 | 2 8 | 1 30 | 18 44 | 5 46 | 22 56 | 1 25 | 5 59 | 1 25 | 21 17 | 0 29 | 1 44 | 0 42 | 3 34 | 1 5 | 21 43 | 1 49 | 20 51 | 21 6 | 9 2 | 13 51 | 7 29 |
| W19 | 0 42 | 20 22 | 0 9 | 1 15 | 1 23 | 18 59 | 5 54 | 23 2 | 1 25 | 6 2 | 1 25 | 21 16 | 0 29 | 1 45 | 0 42 | 3 35 | 1 5 | 21 43 | 1 49 | 20 51 | 21 5 | 8 59 | 13 51 | 7 28 |
| T 20 | 0 19 | 23 37 | 1n 2 | 0 22 | 1 16 | 19 14 | 6 2 | 23 8 | 1 25 | 6 5 | 1 25 | 21 16 | 0 29 | 1 47 | 0 42 | 3 35 | 1 5 | 21 43 | 1 49 | 20 51 | 21 5 | 8 56 | 13 52 | 7 28 |
| F 21 | 0n 5 | 25 30 | 2 7 | 0n32 | 1 8 | 19 28 | 6 9 | 23 14 | 1 25 | 6 8 | 1 25 | 21 15 | 0 29 | 1 48 | 0 42 | 3 36 | 1 5 | 21 43 | 1 49 | 20 51 | 21 4 | 8 54 | 13 53 | 7 27 |
| S 22 | 0 29 | 26 0 | 3 5 | 1 27 | 1 0 | 19 41 | 6 17 | 23 19 | 1 25 | 6 11 | 1 25 | 21 15 | 0 29 | 1 49 | 0 42 | 3 37 | 1 5 | 21 43 | 1 49 | 20 51 | 21 4 | 8 51 | 13 54 | 7 26 |
| S 23 | 0 53 | 25 11 | 3 53 | 2 22 | 0 51 | 19 53 | 6 24 | 23 25 | 1 25 | 6 14 | 1 25 | 21 14 | 0 29 | 1 51 | 0 42 | 3 37 | 1 5 | 21 43 | 1 49 | 20 51 | 21 3 | 8 48 | 13 55 | 7 26 |
| M24 | 1 16 | 23 10 | 4 29 | 3 17 | 0 42 | 20 5 | 6 31 | 23 30 | 1 26 | 6 16 | 1 25 | 21 13 | 0 29 | 1 52 | 0 42 | 3 38 | 1 5 | 21 44 | 1 49 | 20 50 | 21 3 | 8 45 | 13 55 | 7 25 |
| T 25 | 1 40 | 20 10 | 4 52 | 4 13 | 0 32 | 20 15 | 6 38 | 23 35 | 1 26 | 6 19 | 1 25 | 21 13 | 0 29 | 1 53 | 0 42 | 3 39 | 1 5 | 21 44 | 1 49 | 20 49 | 21 2 | 8 42 | 13 56 | 7 24 |
| W26 | 2 4 | 16 22 | 5 3 | 5 9 | 0 22 | 20 25 | 6 45 | 23 40 | 1 26 | 6 22 | 1 25 | 21 12 | 0 29 | 1 55 | 0 42 | 3 39 | 1 5 | 21 44 | 1 49 | 20 47 | 21 1 | 8 39 | 13 57 | 7 24 |
| T 27 | 2 27 | 11 56 | 5 1 | 6 4 | 0 11 | 20 33 | 6 51 | 23 45 | 1 26 | 6 25 | 1 25 | 21 12 | 0 29 | 1 56 | 0 42 | 3 40 | 1 5 | 21 44 | 1 49 | 20 45 | 21 1 | 8 37 | 13 57 | 7 23 |
| F 28 | 2 51 | 7 4 | 4 46 | 6 59 | 0n 0 | 20 41 | 6 57 | 23 49 | 1 26 | 6 27 | 1 25 | 21 11 | 0 29 | 1 57 | 0 42 | 3 40 | 1 5 | 21 44 | 1 49 | 20 43 | 21 0 | 8 34 | 13 58 | 7 22 |
| S 29 | 3 14 | 1 56 | 4 18 | 7 54 | 0 12 | 20 47 | 7 3 | 23 54 | 1 26 | 6 30 | 1 25 | 21 11 | 0 29 | 1 59 | 0 42 | 3 41 | 1 5 | 21 44 | 1 49 | 20 40 | 21 0 | 8 31 | 13 59 | 7 22 |
| S 30 | 3 38 | 3s19 | 3 38 | 8 48 | 0 24 | 20 53 | 7 9 | 23 58 | 1 26 | 6 33 | 1 25 | 21 10 | 0 29 | 2 0 | 0 42 | 3 42 | 1 5 | 21 44 | 1 50 | 20 39 | 20 59 | 8 28 | 13 59 | 7 21 |
| M31 | 4n 1 | 8s28 | 2n49 | 9n41 | 0n35 | 20n57 | 7n14 | 24n 2 | 1n26 | 6n35 | 1n25 | 21s10 | 0n29 | 2n 2 | 0s42 | 3n42 | 1n 5 | 21n44 | 1n50 | 20n37 | 20n59 | 8n25 | 14n 0 | 7s20 |

Julian Day Number = 2609023.5, Delta T = 10m10s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'06, Lahiri = 29°53'08


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## APRIL 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 37 10 | 11♈ 9'17 | 11♏ 9 | 25♈24 | 7°R50 | 16♊11 | 16°R28 | 21♑46 | 6♈47 | 23°R 7 | 0°R41 | 2°R28 | 4♊21 | 20♍20 | 24♋11 | T 1 |
| W 2 | 12 41 6 | 12° 8'43 | 23°24 | 27°11 | 7♉43 | 16°48 | 16♍21 | 21°49 | 6°50 | 23♍ 6 | 0♌41 | 2♊25 | 4°18 | 20°27 | 24°11 | W 2 |
| T 3 | 12 45 3 | 13° 8'08 | 5♐49 | 28°55 | 7°34 | 17°24 | 16°15 | 21°51 | 6°54 | 23° 4 | 0°41 | 2°D25 | 4°15 | 20°33 | 24°12 | T 3 |
| F 4 | 12 48 59 | 14° 7'31 | 18°29 | 0♉35 | 7°22 | 18° 1 | 16° 9 | 21°54 | 6°57 | 23° 3 | 0°40 | 2°26 | 4°12 | 20°40 | 24°13 | F 4 |
| S 5 | 12 52 56 | 15° 6'52 | 1♑25 | 2°11 | 7° 7 | 18°37 | 16° 3 | 21°57 | 7° 1 | 23° 1 | 0°40 | 2°27 | 4° 9 | 20°47 | 24°13 | S 5 |
| S 6 | 12 56 52 | 16° 6'11 | 14°42 | 3°42 | 6°50 | 19°14 | 15°57 | 21°59 | 7° 4 | 23° 0 | 0°40 | 2°R28 | 4° 6 | 20°53 | 24°14 | S 6 |
| M 7 | 13 0 49 | 17° 5'29 | 28°22 | 5° 9 | 6°31 | 19°51 | 15°51 | 22° 2 | 7° 7 | 22°58 | 0°40 | 2°27 | 4° 2 | 21° 0 | 24°15 | M 7 |
| T 8 | 13 4 46 | 18° 4'45 | 12♒27 | 6°30 | 6° 9 | 20°27 | 15°45 | 22° 4 | 7°11 | 22°57 | 0°40 | 2°25 | 3°59 | 21° 7 | 24°16 | T 8 |
| W 9 | 13 8 42 | 19° 3'59 | 26°55 | 7°46 | 5°45 | 21° 4 | 15°39 | 22° 6 | 7°14 | 22°55 | 0°39 | 2°21 | 3°56 | 21°14 | 24°17 | W 9 |
| T 10 | 13 12 39 | 20° 3'11 | 11♓44 | 8°56 | 5°20 | 21°41 | 15°34 | 22° 8 | 7°17 | 22°54 | 0°39 | 2°15 | 3°53 | 21°20 | 24°18 | T 10 |
| F 11 | 13 16 35 | 21° 2'22 | 26°47 | 10° 0 | 4°52 | 22°18 | 15°29 | 22°10 | 7°21 | 22°52 | 0°39 | 2° 9 | 3°50 | 21°27 | 24°20 | F 11 |
| S 12 | 13 20 32 | 22° 1'30 | 11♈55 | 10°58 | 4°22 | 22°54 | 15°23 | 22°12 | 7°24 | 22°51 | 0°39 | 2° 3 | 3°46 | 21°34 | 24°21 | S 12 |
| S 13 | 13 24 28 | 23° 0'37 | 26°58 | 11°49 | 3°50 | 23°31 | 15°18 | 22°14 | 7°28 | 22°49 | 0°D39 | 1°58 | 3°43 | 21°40 | 24°23 | S 13 |
| M14 | 13 28 25 | 23°59'41 | 11♉46 | 12°34 | 3°17 | 24° 8 | 15°14 | 22°16 | 7°31 | 22°48 | 0°39 | 1°54 | 3°40 | 21°47 | 24°24 | M14 |
| T 15 | 13 32 21 | 24°58'44 | 26°13 | 13°13 | 2°43 | 24°45 | 15° 9 | 22°18 | 7°34 | 22°47 | 0°39 | 1°D53 | 3°37 | 21°54 | 24°26 | T 15 |
| W16 | 13 36 18 | 25°57'44 | 10♊15 | 13°44 | 2° 7 | 25°22 | 15° 4 | 22°19 | 7°37 | 22°45 | 0°39 | 1°53 | 3°34 | 22° 1 | 24°28 | W16 |
| T 17 | 13 40 15 | 26°56'43 | 23°48 | 14° 9 | 1°31 | 25°58 | 15° 0 | 22°21 | 7°41 | 22°44 | 0°39 | 1°54 | 3°31 | 22° 7 | 24°30 | T 17 |
| F 18 | 13 44 11 | 27°55'39 | 6♋56 | 14°27 | 0°54 | 26°35 | 14°56 | 22°22 | 7°44 | 22°43 | 0°39 | 1°56 | 3°27 | 22°14 | 24°32 | F 18 |
| S 19 | 13 48 8 | 28°54'32 | 19°40 | 14°39 | 0°16 | 27°12 | 14°52 | 22°23 | 7°47 | 22°41 | 0°40 | 1°57 | 3°24 | 22°21 | 24°34 | S 19 |
| S 20 | 13 52 4 | 29°53'24 | 2♌ 4 | 14°R44 | 29♈38 | 27°49 | 14°48 | 22°25 | 7°51 | 22°40 | 0°40 | 1°R57 | 3°21 | 22°27 | 24°36 | S 20 |
| M21 | 13 56 1 | 0♉52'13 | 14°14 | 14°42 | 29° 1 | 28°26 | 14°44 | 22°26 | 7°54 | 22°39 | 0°40 | 1°56 | 3°18 | 22°34 | 24°38 | M21 |
| T 22 | 13 59 57 | 1°51'00 | 26°13 | 14°35 | 28°23 | 29° 3 | 14°41 | 22°27 | 7°57 | 22°38 | 0°40 | 1°54 | 3°15 | 22°41 | 24°40 | T 22 |
| W23 | 14 3 54 | 2°49'44 | 8♍ 7 | 14°22 | 27°46 | 29°40 | 14°37 | 22°28 | 8° 0 | 22°36 | 0°40 | 1°51 | 3°12 | 22°48 | 24°43 | W23 |
| T 24 | 14 7 50 | 3°48'27 | 19°58 | 14° 3 | 27°10 | 0♋16 | 14°34 | 22°28 | 8° 3 | 22°35 | 0°41 | 1°46 | 3° 8 | 22°54 | 24°45 | T 24 |
| F 25 | 14 11 47 | 4°47'07 | 1♎51 | 13°39 | 26°35 | 0°53 | 14°31 | 22°29 | 8° 6 | 22°34 | 0°41 | 1°41 | 3° 5 | 23° 1 | 24°48 | F 25 |
| S 26 | 14 15 44 | 5°45'46 | 13°47 | 13°11 | 26° 1 | 1°30 | 14°29 | 22°30 | 8°10 | 22°33 | 0°41 | 1°37 | 3° 2 | 23° 8 | 24°51 | S 26 |
| S 27 | 14 19 40 | 6°44'22 | 25°50 | 12°38 | 25°29 | 2° 7 | 14°26 | 22°30 | 8°13 | 22°32 | 0°41 | 1°33 | 2°59 | 23°14 | 24°53 | S 27 |
| M28 | 14 23 37 | 7°42'56 | 8♏ 0 | 12° 3 | 24°58 | 2°44 | 14°23 | 22°31 | 8°16 | 22°31 | 0°42 | 1°30 | 2°56 | 23°21 | 24°56 | M28 |
| T 29 | 14 27 33 | 8°41'29 | 20°19 | 11°25 | 24°29 | 3°21 | 14°21 | 22°31 | 8°19 | 22°30 | 0°42 | 1°28 | 2°52 | 23°28 | 24°59 | T 29 |
| W30 | 14 31 30 | 9♉39'59 | 2♐49 | 10♉45 | 24♈ 2 | 3♋58 | 14♍19 | 22♑31 | 8♈22 | 22♍29 | 0♌43 | 1°D28 | 2♊49 | 23♍35 | 25♋ 2 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n24 | 13s22 | 1n52 | 10n32 | 0n48 | 21n 0 | 7n18 | 24n 6 | 1n26 | 6n38 | 1n24 | 21s10 | 0n29 | 2n 3 | 0s42 | 3n43 | 1n 5 | 21n44 | 1n50 | 20n36 | 20n58 | 8n22 | 14n 1 | 7s19 |
| W 2 | 4 47 | 17 48 | 0 48 | 11 22 | 1 0 | 21 1 | 7 23 | 24 10 | 1 26 | 6 40 | 1 24 | 21 9 | 0 29 | 2 4 | 0 42 | 3 44 | 1 5 | 21 45 | 1 50 | 20 36 | 20 57 | 8 19 | 14 1 | 7 19 |
| T 3 | 5 10 | 21 32 | 0s18 | 12 11 | 1 12 | 21 1 | 7 26 | 24 13 | 1 26 | 6 43 | 1 24 | 21 9 | 0 29 | 2 6 | 0 42 | 3 44 | 1 5 | 21 45 | 1 50 | 20 36 | 20 57 | 8 16 | 14 2 | 7 18 |
| F 4 | 5 33 | 24 18 | 1 26 | 12 57 | 1 24 | 21 0 | 7 30 | 24 17 | 1 26 | 6 45 | 1 24 | 21 8 | 0 29 | 2 7 | 0 42 | 3 45 | 1 5 | 21 45 | 1 50 | 20 36 | 20 56 | 8 14 | 14 2 | 7 17 |
| S 5 | 5 56 | 25 53 | 2 30 | 13 42 | 1 35 | 20 58 | 7 32 | 24 20 | 1 26 | 6 47 | 1 24 | 21 8 | 0 29 | 2 8 | 0 42 | 3 45 | 1 5 | 21 45 | 1 50 | 20 36 | 20 56 | 8 11 | 14 3 | 7 17 |
| S 6 | 6 19 | 26 1 | 3 28 | 14 24 | 1 47 | 20 54 | 7 34 | 24 23 | 1 26 | 6 49 | 1 24 | 21 8 | 0 28 | 2 10 | 0 42 | 3 46 | 1 5 | 21 45 | 1 50 | 20 36 | 20 55 | 8 8 | 14 3 | 7 16 |
| M 7 | 6 42 | 24 37 | 4 16 | 15 3 | 1 57 | 20 49 | 7 35 | 24 26 | 1 26 | 6 52 | 1 24 | 21 7 | 0 28 | 2 11 | 0 42 | 3 47 | 1 5 | 21 45 | 1 50 | 20 36 | 20 54 | 8 5 | 14 4 | 7 15 |
| T 8 | 7 4 | 21 40 | 4 50 | 15 40 | 2 8 | 20 42 | 7 36 | 24 29 | 1 26 | 6 54 | 1 24 | 21 7 | 0 28 | 2 12 | 0 42 | 3 47 | 1 5 | 21 45 | 1 50 | 20 36 | 20 54 | 8 2 | 14 5 | 7 15 |
| W 9 | 7 27 | 17 19 | 5 8 | 16 14 | 2 18 | 20 34 | 7 36 | 24 31 | 1 26 | 6 56 | 1 24 | 21 7 | 0 28 | 2 14 | 0 42 | 3 48 | 1 5 | 21 45 | 1 50 | 20 35 | 20 53 | 7 59 | 14 5 | 7 14 |
| T 10 | 7 49 | 11 50 | 5 5 | 16 46 | 2 27 | 20 24 | 7 35 | 24 34 | 1 26 | 6 58 | 1 24 | 21 6 | 0 28 | 2 15 | 0 42 | 3 48 | 1 5 | 21 45 | 1 50 | 20 34 | 20 53 | 7 56 | 14 5 | 7 13 |
| F 11 | 8 12 | 5 35 | 4 41 | 17 14 | 2 35 | 20 13 | 7 34 | 24 36 | 1 26 | 7 0 | 1 24 | 21 6 | 0 28 | 2 16 | 0 42 | 3 49 | 1 5 | 21 45 | 1 50 | 20 33 | 20 52 | 7 53 | 14 6 | 7 13 |
| S 12 | 8 34 | 1n 3 | 3 58 | 17 39 | 2 42 | 20 1 | 7 31 | 24 38 | 1 26 | 7 2 | 1 23 | 21 6 | 0 28 | 2 18 | 0 42 | 3 49 | 1 5 | 21 45 | 1 50 | 20 31 | 20 51 | 7 51 | 14 6 | 7 12 |
| S 13 | 8 56 | 7 36 | 2 58 | 18 2 | 2 49 | 19 47 | 7 28 | 24 40 | 1 26 | 7 3 | 1 23 | 21 5 | 0 28 | 2 19 | 0 42 | 3 50 | 1 5 | 21 45 | 1 50 | 20 30 | 20 51 | 7 48 | 14 7 | 7 11 |
| M14 | 9 17 | 13 38 | 1 47 | 18 21 | 2 54 | 19 32 | 7 24 | 24 42 | 1 26 | 7 5 | 1 23 | 21 5 | 0 28 | 2 20 | 0 42 | 3 50 | 1 5 | 21 45 | 1 50 | 20 30 | 20 50 | 7 45 | 14 7 | 7 11 |
| T 15 | 9 39 | 18 46 | 0 31 | 18 36 | 2 59 | 19 15 | 7 19 | 24 43 | 1 26 | 7 7 | 1 23 | 21 5 | 0 28 | 2 21 | 0 42 | 3 51 | 1 5 | 21 45 | 1 50 | 20 29 | 20 50 | 7 42 | 14 8 | 7 10 |
| W16 | 10 0 | 22 41 | 0n45 | 18 49 | 3 2 | 18 57 | 7 13 | 24 44 | 1 26 | 7 9 | 1 23 | 21 5 | 0 28 | 2 23 | 0 42 | 3 52 | 1 5 | 21 45 | 1 50 | 20 29 | 20 49 | 7 39 | 14 8 | 7 9 |
| T 17 | 10 22 | 25 11 | 1 57 | 18 58 | 3 4 | 18 38 | 7 7 | 24 46 | 1 26 | 7 10 | 1 23 | 21 4 | 0 28 | 2 24 | 0 42 | 3 52 | 1 5 | 21 45 | 1 50 | 20 30 | 20 48 | 7 36 | 14 8 | 7 8 |
| F 18 | 10 43 | 26 11 | 2 59 | 19 4 | 3 4 | 18 18 | 6 59 | 24 47 | 1 26 | 7 12 | 1 23 | 21 4 | 0 28 | 2 25 | 0 42 | 3 53 | 1 5 | 21 45 | 1 50 | 20 30 | 20 48 | 7 33 | 14 9 | 7 8 |
| S 19 | 11 4 | 25 46 | 3 51 | 19 7 | 3 4 | 17 57 | 6 51 | 24 48 | 1 26 | 7 13 | 1 22 | 21 4 | 0 28 | 2 27 | 0 42 | 3 53 | 1 5 | 21 45 | 1 50 | 20 30 | 20 47 | 7 30 | 14 9 | 7 7 |
| S 20 | 11 24 | 24 3 | 4 31 | 19 7 | 3 1 | 17 35 | 6 42 | 24 48 | 1 26 | 7 14 | 1 22 | 21 4 | 0 28 | 2 28 | 0 42 | 3 54 | 1 5 | 21 45 | 1 50 | 20 30 | 20 47 | 7 27 | 14 9 | 7 6 |
| M21 | 11 45 | 21 16 | 4 58 | 19 3 | 2 58 | 17 12 | 6 33 | 24 49 | 1 26 | 7 16 | 1 22 | 21 4 | 0 28 | 2 29 | 0 42 | 3 54 | 1 5 | 21 45 | 1 50 | 20 30 | 20 46 | 7 24 | 14 10 | 7 6 |
| T 22 | 12 5 | 17 37 | 5 11 | 18 56 | 2 53 | 16 49 | 6 22 | 24 49 | 1 26 | 7 17 | 1 22 | 21 4 | 0 28 | 2 30 | 0 42 | 3 54 | 1 5 | 21 45 | 1 50 | 20 30 | 20 45 | 7 21 | 14 10 | 7 5 |
| W23 | 12 26 | 13 18 | 5 11 | 18 45 | 2 46 | 16 26 | 6 11 | 24 49 | 1 26 | 7 18 | 1 22 | 21 3 | 0 28 | 2 32 | 0 42 | 3 55 | 1 5 | 21 45 | 1 50 | 20 29 | 20 45 | 7 18 | 14 10 | 7 4 |
| T 24 | 12 45 | 8 31 | 4 57 | 18 32 | 2 38 | 16 1 | 5 59 | 24 49 | 1 26 | 7 19 | 1 22 | 21 3 | 0 28 | 2 33 | 0 42 | 3 55 | 1 5 | 21 45 | 1 50 | 20 28 | 20 44 | 7 16 | 14 10 | 7 4 |
| F 25 | 13 5 | 3 24 | 4 31 | 18 16 | 2 29 | 15 37 | 5 47 | 24 49 | 1 26 | 7 20 | 1 22 | 21 3 | 0 28 | 2 34 | 0 42 | 3 56 | 1 5 | 21 45 | 1 50 | 20 27 | 20 44 | 7 13 | 14 10 | 7 3 |
| S 26 | 13 25 | 1s51 | 3 52 | 17 57 | 2 18 | 15 13 | 5 35 | 24 48 | 1 26 | 7 21 | 1 21 | 21 3 | 0 28 | 2 35 | 0 42 | 3 56 | 1 4 | 21 45 | 1 50 | 20 26 | 20 43 | 7 10 | 14 11 | 7 3 |
| S 27 | 13 44 | 7 6 | 3 3 | 17 36 | 2 6 | 14 49 | 5 21 | 24 48 | 1 26 | 7 22 | 1 21 | 21 3 | 0 28 | 2 37 | 0 42 | 3 57 | 1 4 | 21 45 | 1 50 | 20 25 | 20 42 | 7 7 | 14 11 | 7 2 |
| M28 | 14 3 | 12 10 | 2 5 | 17 13 | 1 53 | 14 25 | 5 8 | 24 47 | 1 26 | 7 23 | 1 21 | 21 3 | 0 28 | 2 38 | 0 42 | 3 57 | 1 4 | 21 45 | 1 50 | 20 25 | 20 42 | 7 4 | 14 11 | 7 1 |
| T 29 | 14 22 | 16 48 | 1 1 | 16 47 | 1 39 | 14 1 | 4 54 | 24 46 | 1 26 | 7 23 | 1 21 | 21 3 | 0 28 | 2 39 | 0 42 | 3 57 | 1 4 | 21 45 | 1 50 | 20 25 | 20 41 | 7 1 | 14 11 | 7 1 |
| W30 | 14n41 | 20s48 | 0s 7 | 16n20 | 1n24 | 13n38 | 4n40 | 24n45 | 1n26 | 7n24 | 1n21 | 21s 3 | 0n28 | 2n40 | 0s42 | 3n58 | 1n 4 | 21n45 | 1n50 | 20n24 | 20n41 | 6n58 | 14n11 | 7s 0 |

Julian Day Number = 2609054.5, Delta T = 10m11s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'11, Lahiri = 29°53'12


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## MAY 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 35 26 | 10♉38'28 | 15♐31 | 10°R 4 | 23°R37 | 4♋35 | 14°R17 | 22♏31 | 8♈25 | 22°R28 | 0♌43 | 1♊29 | 2♊46 | 23♍41 | 25♋ 5 | T 1 |
| F 2 | 14 39 23 | 11°36'56 | 28°26 | 9♉23 | 23♈15 | 5°12 | 14♍15 | 22°R31 | 8°28 | 22♍27 | 0°43 | 1°30 | 2°43 | 23°48 | 25° 9 | F 2 |
| S 3 | 14 43 19 | 12°35'21 | 11♏35 | 8°43 | 22°54 | 5°49 | 14°14 | 22°31 | 8°31 | 22°26 | 0°44 | 1°31 | 2°40 | 23°55 | 25°12 | S 3 |
| S 4 | 14 47 16 | 13°33'45 | 25° 0 | 8° 3 | 22°36 | 6°26 | 14°13 | 22°31 | 8°34 | 22°25 | 0°44 | 1°32 | 2°37 | 24° 1 | 25°15 | S 4 |
| M 5 | 14 51 13 | 14°32'08 | 8♒41 | 7°26 | 22°20 | 7° 3 | 14°11 | 22°31 | 8°37 | 22°24 | 0°45 | 1°R33 | 2°33 | 24° 8 | 25°19 | M 5 |
| T 6 | 14 55 9 | 15°30'29 | 22°40 | 6°50 | 22° 7 | 7°40 | 14°10 | 22°31 | 8°40 | 22°23 | 0°46 | 1°33 | 2°30 | 24°15 | 25°22 | T 6 |
| W 7 | 14 59 6 | 16°28'48 | 6♓56 | 6°18 | 21°56 | 8°17 | 14°10 | 22°30 | 8°43 | 22°22 | 0°46 | 1°32 | 2°27 | 24°22 | 25°26 | W 7 |
| T 8 | 15 3 2 | 17°27'06 | 21°25 | 5°49 | 21°48 | 8°54 | 14° 9 | 22°29 | 8°45 | 22°22 | 0°47 | 1°31 | 2°24 | 24°28 | 25°29 | T 8 |
| F 9 | 15 6 59 | 18°25'23 | 6♈ 4 | 5°25 | 21°42 | 9°31 | 14° 9 | 22°29 | 8°48 | 22°21 | 0°47 | 1°29 | 2°21 | 24°35 | 25°33 | F 9 |
| S 10 | 15 10 55 | 19°23'37 | 20°47 | 5° 4 | 21°38 | 10° 8 | 14° 8 | 22°28 | 8°51 | 22°20 | 0°48 | 1°28 | 2°18 | 24°42 | 25°37 | S 10 |
| S 11 | 15 14 52 | 20°21'51 | 5♉28 | 4°47 | 21°D37 | 10°45 | 14°D 8 | 22°27 | 8°54 | 22°19 | 0°49 | 1°27 | 2°14 | 24°48 | 25°41 | S 11 |
| M12 | 15 18 48 | 21°20'03 | 20° 0 | 4°36 | 21°39 | 11°22 | 14° 8 | 22°26 | 8°57 | 22°19 | 0°49 | 1°26 | 2°11 | 24°55 | 25°45 | M12 |
| T 13 | 15 22 45 | 22°18'13 | 4♊16 | 4°29 | 21°42 | 11°59 | 14° 9 | 22°25 | 8°59 | 22°18 | 0°50 | 1°D26 | 2° 8 | 25° 2 | 25°49 | T 13 |
| W14 | 15 26 42 | 23°16'21 | 18°12 | 4°D26 | 21°48 | 12°36 | 14° 9 | 22°24 | 9° 2 | 22°17 | 0°51 | 1°26 | 2° 5 | 25° 9 | 25°53 | W14 |
| T 15 | 15 30 38 | 24°14'28 | 1♋45 | 4°28 | 21°56 | 13°13 | 14°10 | 22°23 | 9° 5 | 22°17 | 0°51 | 1°27 | 2° 2 | 25°15 | 25°57 | T 15 |
| F 16 | 15 34 35 | 25°12'33 | 14°55 | 4°35 | 22° 6 | 13°50 | 14°11 | 22°22 | 9° 7 | 22°16 | 0°52 | 1°27 | 1°58 | 25°22 | 26° 1 | F 16 |
| S 17 | 15 38 31 | 26°10'36 | 27°44 | 4°47 | 22°18 | 14°27 | 14°12 | 22°20 | 9°10 | 22°16 | 0°53 | 1°28 | 1°55 | 25°29 | 26° 6 | S 17 |
| S 18 | 15 42 28 | 27° 8'37 | 10♌12 | 5° 3 | 22°33 | 15° 4 | 14°13 | 22°19 | 9°12 | 22°15 | 0°54 | 1°28 | 1°52 | 25°35 | 26°10 | S 18 |
| M19 | 15 46 24 | 28° 6'37 | 22°25 | 5°24 | 22°49 | 15°41 | 14°14 | 22°17 | 9°15 | 22°15 | 0°55 | 1°29 | 1°49 | 25°42 | 26°15 | M19 |
| T 20 | 15 50 21 | 29° 4'34 | 4♍26 | 5°49 | 23° 7 | 16°18 | 14°16 | 22°15 | 9°17 | 22°14 | 0°56 | 1°R29 | 1°46 | 25°49 | 26°19 | T 20 |
| W21 | 15 54 17 | 0♊ 2'30 | 16°21 | 6°18 | 23°27 | 16°55 | 14°18 | 22°14 | 9°20 | 22°14 | 0°56 | 1°29 | 1°43 | 25°56 | 26°24 | W21 |
| T 22 | 15 58 14 | 1° 0'24 | 28°13 | 6°52 | 23°49 | 17°32 | 14°20 | 22°12 | 9°22 | 22°13 | 0°57 | 1°D28 | 1°39 | 26° 2 | 26°29 | T 22 |
| F 23 | 16 2 11 | 1°58'16 | 10♎ 7 | 7°29 | 24°12 | 18° 9 | 14°22 | 22°10 | 9°25 | 22°13 | 0°58 | 1°28 | 1°36 | 26° 9 | 26°33 | F 23 |
| S 24 | 16 6 7 | 2°56'06 | 22° 6 | 8°10 | 24°38 | 18°46 | 14°24 | 22° 8 | 9°27 | 22°13 | 0°59 | 1°29 | 1°33 | 26°16 | 26°38 | S 24 |
| S 25 | 16 10 4 | 3°53'55 | 4♏15 | 8°55 | 25° 4 | 19°23 | 14°26 | 22° 6 | 9°29 | 22°12 | 1° 0 | 1°29 | 1°30 | 26°22 | 26°43 | S 25 |
| M26 | 16 14 0 | 4°51'43 | 16°35 | 9°43 | 25°33 | 20° 0 | 14°29 | 22° 3 | 9°32 | 22°12 | 1° 1 | 1°29 | 1°27 | 26°29 | 26°48 | M26 |
| T 27 | 16 17 57 | 5°49'29 | 29° 9 | 10°35 | 26° 3 | 20°38 | 14°32 | 22° 1 | 9°34 | 22°12 | 1° 2 | 1°R29 | 1°24 | 26°36 | 26°53 | T 27 |
| W28 | 16 21 53 | 6°47'13 | 11♐58 | 11°30 | 26°34 | 21°15 | 14°35 | 21°59 | 9°36 | 22°12 | 1° 3 | 1°29 | 1°20 | 26°43 | 26°58 | W28 |
| T 29 | 16 25 50 | 7°44'57 | 25° 1 | 12°28 | 27° 7 | 21°52 | 14°38 | 21°56 | 9°38 | 22°11 | 1° 4 | 1°29 | 1°17 | 26°49 | 27° 3 | T 29 |
| F 30 | 16 29 46 | 8°42'39 | 8♑19 | 13°30 | 27°41 | 22°29 | 14°41 | 21°54 | 9°40 | 22°11 | 1° 5 | 1°28 | 1°14 | 26°56 | 27° 8 | F 30 |
| S 31 | 16 33 43 | 9♊40'20 | 21♑50 | 14♉35 | 28♈16 | 23♋ 6 | 14♍45 | 21♑51 | 9♈43 | 22♍11 | 1♌ 6 | 1♊27 | 1♊11 | 27♍ 3 | 27♋14 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14n59 | 23s52 | 1s17 | 15n52 | 1n 8 | 13n16 | 4n26 | 24n44 | 1n26 | 7n25 | 1n21 | 21s 3 | 0n28 | 2n41 | 0s42 | 3n58 | 1n 4 | 21n45 | 1n50 | 20n25 | 20n40 | 6n55 | 14n11 | 6s59 |
| F 2 | 15 17 | 25 46 | 2 23 | 15 24 | 0 51 | 12 54 | 4 11 | 24 42 | 1 25 | 7 25 | 1 20 | 21 3 | 0 28 | 2 42 | 0 42 | 3 59 | 1 4 | 21 44 | 1 50 | 20 25 | 20 39 | 6 52 | 14 11 | 6 59 |
| S 3 | 15 35 | 26 16 | 3 23 | 14 55 | 0 34 | 12 33 | 3 57 | 24 41 | 1 25 | 7 25 | 1 20 | 21 3 | 0 28 | 2 44 | 0 42 | 3 59 | 1 4 | 21 44 | 1 50 | 20 25 | 20 39 | 6 49 | 14 11 | 6 58 |
| S 4 | 15 52 | 25 15 | 4 14 | 14 26 | 0 17 | 12 13 | 3 43 | 24 39 | 1 25 | 7 26 | 1 20 | 21 3 | 0 28 | 2 45 | 0 42 | 3 59 | 1 4 | 21 44 | 1 50 | 20 25 | 20 38 | 6 46 | 14 11 | 6 57 |
| M 5 | 16 10 | 22 43 | 4 51 | 13 57 | 0s 0 | 11 54 | 3 28 | 24 37 | 1 25 | 7 26 | 1 20 | 21 3 | 0 28 | 2 46 | 0 42 | 4 0 | 1 4 | 21 44 | 1 50 | 20 25 | 20 37 | 6 43 | 14 11 | 6 57 |
| T 6 | 16 27 | 18 50 | 5 12 | 13 30 | 0 17 | 11 36 | 3 14 | 24 35 | 1 25 | 7 26 | 1 20 | 21 3 | 0 28 | 2 47 | 0 42 | 4 0 | 1 4 | 21 44 | 1 50 | 20 25 | 20 37 | 6 40 | 14 11 | 6 56 |
| W 7 | 16 44 | 13 49 | 5 14 | 13 3 | 0 34 | 11 18 | 3 0 | 24 32 | 1 25 | 7 26 | 1 19 | 21 4 | 0 27 | 2 48 | 0 42 | 4 0 | 1 4 | 21 44 | 1 50 | 20 25 | 20 36 | 6 37 | 14 11 | 6 56 |
| T 8 | 17 0 | 7 57 | 4 57 | 12 38 | 0 51 | 11 2 | 2 46 | 24 30 | 1 25 | 7 27 | 1 19 | 21 4 | 0 27 | 2 49 | 0 42 | 4 1 | 1 4 | 21 44 | 1 50 | 20 25 | 20 36 | 6 34 | 14 11 | 6 55 |
| F 9 | 17 16 | 1 35 | 4 20 | 12 15 | 1 7 | 10 47 | 2 32 | 24 27 | 1 25 | 7 27 | 1 19 | 21 4 | 0 27 | 2 50 | 0 42 | 4 1 | 1 4 | 21 44 | 1 50 | 20 25 | 20 35 | 6 31 | 14 11 | 6 54 |
| S 10 | 17 32 | 4n54 | 3 26 | 11 53 | 1 22 | 10 33 | 2 18 | 24 24 | 1 25 | 7 26 | 1 19 | 21 4 | 0 27 | 2 51 | 0 42 | 4 1 | 1 4 | 21 44 | 1 50 | 20 24 | 20 34 | 6 28 | 14 11 | 6 54 |
| S 11 | 17 48 | 11 8 | 2 19 | 11 34 | 1 37 | 10 20 | 2 5 | 24 21 | 1 25 | 7 26 | 1 19 | 21 4 | 0 27 | 2 52 | 0 42 | 4 1 | 1 4 | 21 44 | 1 50 | 20 24 | 20 34 | 6 25 | 14 11 | 6 53 |
| M12 | 18 3 | 16 41 | 1 3 | 11 17 | 1 51 | 10 9 | 1 52 | 24 18 | 1 24 | 7 26 | 1 19 | 21 4 | 0 27 | 2 54 | 0 42 | 4 2 | 1 4 | 21 43 | 1 50 | 20 24 | 20 33 | 6 22 | 14 11 | 6 53 |
| T 13 | 18 18 | 21 12 | 0n16 | 11 3 | 2 4 | 9 58 | 1 39 | 24 15 | 1 24 | 7 26 | 1 18 | 21 5 | 0 27 | 2 55 | 0 42 | 4 2 | 1 4 | 21 43 | 1 50 | 20 24 | 20 32 | 6 19 | 14 11 | 6 52 |
| W14 | 18 33 | 24 23 | 1 32 | 10 50 | 2 16 | 9 48 | 1 26 | 24 11 | 1 24 | 7 25 | 1 18 | 21 5 | 0 27 | 2 56 | 0 42 | 4 2 | 1 4 | 21 43 | 1 50 | 20 24 | 20 32 | 6 16 | 14 11 | 6 52 |
| T 15 | 18 47 | 26 3 | 2 40 | 10 41 | 2 27 | 9 40 | 1 14 | 24 7 | 1 24 | 7 25 | 1 18 | 21 5 | 0 27 | 2 57 | 0 42 | 4 2 | 1 4 | 21 43 | 1 50 | 20 24 | 20 31 | 6 13 | 14 10 | 6 51 |
| F 16 | 19 1 | 26 10 | 3 38 | 10 33 | 2 37 | 9 33 | 1 2 | 24 4 | 1 24 | 7 25 | 1 18 | 21 5 | 0 27 | 2 58 | 0 42 | 4 3 | 1 4 | 21 43 | 1 50 | 20 24 | 20 31 | 6 10 | 14 10 | 6 50 |
| S 17 | 19 15 | 24 53 | 4 24 | 10 28 | 2 46 | 9 26 | 0 50 | 24 0 | 1 24 | 7 24 | 1 18 | 21 6 | 0 27 | 2 59 | 0 42 | 4 3 | 1 4 | 21 43 | 1 50 | 20 24 | 20 30 | 6 7 | 14 10 | 6 50 |
| S 18 | 19 29 | 22 23 | 4 55 | 10 26 | 2 55 | 9 21 | 0 39 | 23 55 | 1 24 | 7 23 | 1 17 | 21 6 | 0 27 | 3 0 | 0 42 | 4 3 | 1 4 | 21 43 | 1 51 | 20 25 | 20 29 | 6 4 | 14 10 | 6 49 |
| M19 | 19 42 | 18 56 | 5 13 | 10 26 | 3 2 | 9 17 | 0 28 | 23 51 | 1 24 | 7 23 | 1 17 | 21 6 | 0 27 | 3 1 | 0 42 | 4 3 | 1 4 | 21 42 | 1 51 | 20 25 | 20 29 | 6 1 | 14 9 | 6 49 |
| T 20 | 19 54 | 14 46 | 5 17 | 10 28 | 3 8 | 9 14 | 0 17 | 23 46 | 1 23 | 7 22 | 1 17 | 21 6 | 0 27 | 3 2 | 0 42 | 4 3 | 1 4 | 21 42 | 1 51 | 20 25 | 20 28 | 5 58 | 14 9 | 6 48 |
| W21 | 20 7 | 10 5 | 5 6 | 10 32 | 3 14 | 9 11 | 0 7 | 23 42 | 1 23 | 7 21 | 1 17 | 21 7 | 0 27 | 3 3 | 0 42 | 4 3 | 1 4 | 21 42 | 1 51 | 20 25 | 20 27 | 5 55 | 14 9 | 6 48 |
| T 22 | 20 19 | 5 2 | 4 43 | 10 39 | 3 18 | 9 10 | 0s 3 | 23 37 | 1 23 | 7 20 | 1 17 | 21 7 | 0 27 | 3 3 | 0 42 | 4 4 | 1 4 | 21 42 | 1 51 | 20 25 | 20 27 | 5 53 | 14 8 | 6 47 |
| F 23 | 20 31 | 0s12 | 4 8 | 10 47 | 3 22 | 9 10 | 0 13 | 23 32 | 1 23 | 7 19 | 1 16 | 21 7 | 0 27 | 3 4 | 0 42 | 4 4 | 1 4 | 21 42 | 1 51 | 20 25 | 20 26 | 5 50 | 14 8 | 6 47 |
| S 24 | 20 42 | 5 28 | 3 21 | 10 57 | 3 25 | 9 10 | 0 23 | 23 26 | 1 23 | 7 18 | 1 16 | 21 8 | 0 27 | 3 5 | 0 42 | 4 4 | 1 4 | 21 42 | 1 51 | 20 25 | 20 25 | 5 47 | 14 8 | 6 46 |
| S 25 | 20 53 | 10 38 | 2 25 | 11 10 | 3 27 | 9 11 | 0 32 | 23 21 | 1 23 | 7 17 | 1 16 | 21 8 | 0 27 | 3 6 | 0 42 | 4 4 | 1 4 | 21 41 | 1 51 | 20 25 | 20 25 | 5 44 | 14 7 | 6 46 |
| M26 | 21 3 | 15 27 | 1 22 | 11 24 | 3 28 | 9 14 | 0 40 | 23 15 | 1 23 | 7 16 | 1 16 | 21 9 | 0 27 | 3 7 | 0 42 | 4 4 | 1 4 | 21 41 | 1 51 | 20 25 | 20 24 | 5 40 | 14 7 | 6 45 |
| T 27 | 21 14 | 19 43 | 0 13 | 11 39 | 3 29 | 9 17 | 0 49 | 23 10 | 1 22 | 7 14 | 1 16 | 21 9 | 0 27 | 3 8 | 0 42 | 4 4 | 1 4 | 21 41 | 1 51 | 20 25 | 20 24 | 5 37 | 14 6 | 6 45 |
| W28 | 21 24 | 23 8 | 0s58 | 11 56 | 3 29 | 9 20 | 0 57 | 23 4 | 1 22 | 7 13 | 1 15 | 21 9 | 0 27 | 3 9 | 0 42 | 4 4 | 1 4 | 21 41 | 1 51 | 20 25 | 20 23 | 5 34 | 14 6 | 6 44 |
| T 29 | 21 33 | 25 24 | 2 7 | 12 15 | 3 27 | 9 25 | 1 5 | 22 58 | 1 22 | 7 12 | 1 15 | 21 10 | 0 27 | 3 10 | 0 42 | 4 4 | 1 4 | 21 41 | 1 51 | 20 25 | 20 22 | 5 31 | 14 5 | 6 44 |
| F 30 | 21 42 | 26 17 | 3 10 | 12 35 | 3 26 | 9 30 | 1 12 | 22 52 | 1 22 | 7 10 | 1 15 | 21 10 | 0 27 | 3 10 | 0 43 | 4 4 | 1 4 | 21 40 | 1 51 | 20 24 | 20 22 | 5 28 | 14 5 | 6 43 |
| S 31 | 21n51 | 25s38 | 4s 4 | 12n56 | 3s23 | 9n36 | 1s20 | 22n45 | 1n22 | 7n 9 | 1n15 | 21s11 | 0n26 | 3n11 | 0s43 | 4n 4 | 1n 4 | 21n40 | 1n51 | 20n24 | 20n21 | 5n25 | 14n 4 | 6s43 |

Julian Day Number = 2609084.5, Delta T = 10m11s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'15, Lahiri = 29°53'16


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## JUNE 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 37 40 | 10♊38'00 | 5♒34 | 15♉42 | 28♈53 | 23♋43 | 14♍48 | 21°R48 | 9♈45 | 22°R11 | 1♌ 8 | 1°R26 | 1♊ 8 | 27♍ 9 | 27♋19 | S 1 |
| M 2 | 16 41 36 | 11°35'39 | 19°29 | 16°53 | 29°30 | 24°20 | 14°52 | 21♑46 | 9°47 | 22♍11 | 1° 9 | 1♊25 | 1° 4 | 27°16 | 27°24 | M 2 |
| T 3 | 16 45 33 | 12°33'17 | 3♓33 | 18° 6 | 0♉ 9 | 24°57 | 14°56 | 21°43 | 9°49 | 22°D11 | 1°10 | 1°25 | 1° 1 | 27°23 | 27°30 | T 3 |
| W 4 | 16 49 29 | 13°30'54 | 17°44 | 19°22 | 0°49 | 25°34 | 15° 0 | 21°40 | 9°51 | 22°11 | 1°11 | 1°D24 | 0°58 | 27°30 | 27°35 | W 4 |
| T 5 | 16 53 26 | 14°28'30 | 2♈ 0 | 20°41 | 1°30 | 26°11 | 15° 5 | 21°37 | 9°52 | 22°11 | 1°12 | 1°25 | 0°55 | 27°36 | 27°40 | T 5 |
| F 6 | 16 57 22 | 15°26'05 | 16°18 | 22° 3 | 2°12 | 26°49 | 15° 9 | 21°34 | 9°54 | 22°11 | 1°13 | 1°26 | 0°52 | 27°43 | 27°46 | F 6 |
| S 7 | 17 1 19 | 16°23'40 | 0♉35 | 23°27 | 2°55 | 27°26 | 15°14 | 21°31 | 9°56 | 22°11 | 1°15 | 1°27 | 0°49 | 27°50 | 27°52 | S 7 |
| S 8 | 17 5 15 | 17°21'13 | 14°48 | 24°54 | 3°39 | 28° 3 | 15°18 | 21°27 | 9°58 | 22°12 | 1°16 | 1°28 | 0°45 | 27°56 | 27°57 | S 8 |
| M 9 | 17 9 12 | 18°18'46 | 28°54 | 26°23 | 4°24 | 28°40 | 15°23 | 21°24 | 10° 0 | 22°12 | 1°17 | 1°R28 | 0°42 | 28° 3 | 28° 3 | M 9 |
| T 10 | 17 13 9 | 19°16'18 | 12♊48 | 27°55 | 5°10 | 29°17 | 15°28 | 21°21 | 10° 1 | 22°12 | 1°18 | 1°28 | 0°39 | 28°10 | 28° 9 | T 10 |
| W11 | 17 17 5 | 20°13'49 | 26°27 | 29°30 | 5°56 | 29°54 | 15°34 | 21°17 | 10° 3 | 22°12 | 1°20 | 1°27 | 0°36 | 28°16 | 28°15 | W11 |
| T 12 | 17 21 2 | 21°11'19 | 9♋50 | 1♊ 7 | 6°44 | 0♌32 | 15°39 | 21°14 | 10° 5 | 22°12 | 1°21 | 1°25 | 0°33 | 28°23 | 28°20 | T 12 |
| F 13 | 17 24 58 | 22° 8'48 | 22°54 | 2°47 | 7°32 | 1° 9 | 15°44 | 21°10 | 10° 6 | 22°13 | 1°22 | 1°22 | 0°30 | 28°30 | 28°26 | F 13 |
| S 14 | 17 28 55 | 23° 6'16 | 5♌39 | 4°30 | 8°21 | 1°46 | 15°50 | 21° 7 | 10° 8 | 22°13 | 1°23 | 1°19 | 0°26 | 28°37 | 28°32 | S 14 |
| S 15 | 17 32 51 | 24° 3'43 | 18° 8 | 6°15 | 9°10 | 2°23 | 15°56 | 21° 3 | 10° 9 | 22°14 | 1°25 | 1°15 | 0°23 | 28°43 | 28°38 | S 15 |
| M16 | 17 36 48 | 25° 1'09 | 0♍21 | 8° 2 | 10° 0 | 3° 0 | 16° 2 | 20°59 | 10°11 | 22°14 | 1°26 | 1°13 | 0°20 | 28°50 | 28°44 | M16 |
| T 17 | 17 40 45 | 25°58'33 | 12°23 | 9°52 | 10°51 | 3°38 | 16° 8 | 20°56 | 10°12 | 22°14 | 1°27 | 1°11 | 0°17 | 28°57 | 28°50 | T 17 |
| W18 | 17 44 41 | 26°55'57 | 24°18 | 11°44 | 11°43 | 4°15 | 16°14 | 20°52 | 10°13 | 22°15 | 1°29 | 1°D10 | 0°14 | 29° 3 | 28°56 | W18 |
| T 19 | 17 48 38 | 27°53'19 | 6♎11 | 13°39 | 12°35 | 4°52 | 16°21 | 20°48 | 10°15 | 22°15 | 1°30 | 1°10 | 0°10 | 29°10 | 29° 3 | T 19 |
| F 20 | 17 52 34 | 28°50'41 | 18° 5 | 15°36 | 13°28 | 5°29 | 16°27 | 20°44 | 10°16 | 22°16 | 1°32 | 1°12 | 0° 7 | 29°17 | 29° 9 | F 20 |
| S 21 | 17 56 31 | 29°48'01 | 0♏ 6 | 17°35 | 14°21 | 6° 6 | 16°34 | 20°40 | 10°17 | 22°17 | 1°33 | 1°13 | 0° 4 | 29°24 | 29°15 | S 21 |
| S 22 | 18 0 27 | 0♋45'21 | 12°18 | 19°37 | 15°15 | 6°44 | 16°41 | 20°36 | 10°18 | 22°17 | 1°34 | 1°15 | 0° 1 | 29°30 | 29°21 | S 22 |
| M23 | 18 4 24 | 1°42'40 | 24°46 | 21°40 | 16° 9 | 7°21 | 16°47 | 20°32 | 10°19 | 22°18 | 1°36 | 1°16 | 29♉58 | 29°37 | 29°28 | M23 |
| T 24 | 18 8 20 | 2°39'58 | 7♐32 | 23°45 | 17° 4 | 7°58 | 16°55 | 20°28 | 10°20 | 22°18 | 1°37 | 1°R16 | 29°55 | 29°44 | 29°34 | T 24 |
| W25 | 18 12 17 | 3°37'15 | 20°37 | 25°52 | 17°59 | 8°35 | 17° 2 | 20°24 | 10°21 | 22°19 | 1°39 | 1°14 | 29°51 | 29°50 | 29°40 | W25 |
| T 26 | 18 16 14 | 4°34'32 | 4♑ 2 | 28° 1 | 18°55 | 9°13 | 17° 9 | 20°20 | 10°22 | 22°20 | 1°40 | 1°12 | 29°48 | 29°57 | 29°47 | T 26 |
| F 27 | 18 20 10 | 5°31'49 | 17°45 | 0♋10 | 19°51 | 9°50 | 17°16 | 20°16 | 10°23 | 22°21 | 1°42 | 1° 7 | 29°45 | 0♎ 4 | 29°53 | F 27 |
| S 28 | 18 24 7 | 6°29'05 | 1♒44 | 2°21 | 20°48 | 10°27 | 17°24 | 20°11 | 10°24 | 22°21 | 1°43 | 1° 2 | 29°42 | 0°10 | 29°59 | S 28 |
| S 29 | 18 28 3 | 7°26'20 | 15°54 | 4°32 | 21°45 | 11° 4 | 17°32 | 20° 7 | 10°25 | 22°22 | 1°45 | 0°57 | 29°39 | 0°17 | 0♌ 6 | S 29 |
| M30 | 18 32 0 | 8♋23'35 | 0♓11 | 6♋43 | 22♉42 | 11♌42 | 17♍39 | 20♑ 3 | 10♈26 | 22♍23 | 1♌46 | 0♊52 | 29♉36 | 0♎24 | 0♌13 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21n59 | 23s26 | 4s45 | 13n18 | 3s20 | 9n42 | 1s27 | 22n39 | 1n22 | 7n 7 | 1n15 | 21s11 | 0n26 | 3n12 | 0s43 | 4n 4 | 1n 4 | 21n40 | 1n51 | 20n24 | 20n20 | 5n22 | 14n 4 | 6s42 |
| M 2 | 22 7 | 19 50 | 5 9 | 13 42 | 3 16 | 9 49 | 1 33 | 22 32 | 1 21 | 7 6 | 1 15 | 21 12 | 0 26 | 3 13 | 0 43 | 4 4 | 1 4 | 21 40 | 1 51 | 20 24 | 20 20 | 5 19 | 14 3 | 6 42 |
| T 3 | 22 15 | 15 5 | 5 16 | 14 6 | 3 12 | 9 57 | 1 40 | 22 25 | 1 21 | 7 4 | 1 14 | 21 12 | 0 26 | 3 13 | 0 43 | 4 4 | 1 4 | 21 39 | 1 51 | 20 24 | 20 19 | 5 16 | 14 3 | 6 42 |
| W 4 | 22 22 | 9 30 | 5 4 | 14 32 | 3 7 | 10 5 | 1 46 | 22 18 | 1 21 | 7 2 | 1 14 | 21 13 | 0 26 | 3 14 | 0 43 | 4 4 | 1 4 | 21 39 | 1 51 | 20 24 | 20 18 | 5 13 | 14 2 | 6 41 |
| T 5 | 22 29 | 3 23 | 4 32 | 14 58 | 3 1 | 10 13 | 1 52 | 22 11 | 1 21 | 7 0 | 1 14 | 21 13 | 0 26 | 3 15 | 0 43 | 4 4 | 1 4 | 21 39 | 1 51 | 20 24 | 20 18 | 5 10 | 14 2 | 6 41 |
| F 6 | 22 35 | 2n56 | 3 44 | 15 25 | 2 55 | 10 23 | 1 57 | 22 4 | 1 21 | 6 58 | 1 14 | 21 14 | 0 26 | 3 16 | 0 43 | 4 4 | 1 4 | 21 39 | 1 51 | 20 24 | 20 17 | 5 7 | 14 1 | 6 40 |
| S 7 | 22 41 | 9 7 | 2 42 | 15 52 | 2 48 | 10 32 | 2 2 | 21 56 | 1 20 | 6 56 | 1 14 | 21 14 | 0 26 | 3 16 | 0 43 | 4 4 | 1 4 | 21 39 | 1 51 | 20 24 | 20 16 | 5 4 | 14 0 | 6 40 |
| S 8 | 22 47 | 14 48 | 1 31 | 16 20 | 2 41 | 10 42 | 2 7 | 21 49 | 1 20 | 6 54 | 1 13 | 21 15 | 0 26 | 3 17 | 0 43 | 4 4 | 1 4 | 21 38 | 1 51 | 20 24 | 20 16 | 5 1 | 14 0 | 6 40 |
| M 9 | 22 52 | 19 38 | 0 14 | 16 49 | 2 34 | 10 53 | 2 12 | 21 41 | 1 20 | 6 52 | 1 13 | 21 16 | 0 26 | 3 18 | 0 43 | 4 4 | 1 3 | 21 38 | 1 51 | 20 24 | 20 15 | 4 58 | 13 59 | 6 39 |
| T 10 | 22 57 | 23 18 | 1n 2 | 17 17 | 2 25 | 11 4 | 2 17 | 21 33 | 1 20 | 6 50 | 1 13 | 21 16 | 0 26 | 3 18 | 0 43 | 4 4 | 1 3 | 21 38 | 1 51 | 20 24 | 20 14 | 4 55 | 13 58 | 6 39 |
| W11 | 23 2 | 25 34 | 2 13 | 17 46 | 2 17 | 11 15 | 2 21 | 21 25 | 1 20 | 6 48 | 1 13 | 21 17 | 0 26 | 3 19 | 0 43 | 4 3 | 1 3 | 21 38 | 1 51 | 20 24 | 20 14 | 4 52 | 13 57 | 6 38 |
| T 12 | 23 6 | 26 17 | 3 16 | 18 15 | 2 8 | 11 26 | 2 25 | 21 17 | 1 19 | 6 46 | 1 13 | 21 17 | 0 26 | 3 19 | 0 43 | 4 3 | 1 3 | 21 37 | 1 51 | 20 24 | 20 13 | 4 49 | 13 57 | 6 38 |
| F 13 | 23 9 | 25 30 | 4 6 | 18 44 | 1 58 | 11 38 | 2 29 | 21 9 | 1 19 | 6 44 | 1 13 | 21 18 | 0 26 | 3 20 | 0 43 | 4 3 | 1 3 | 21 37 | 1 51 | 20 23 | 20 12 | 4 46 | 13 56 | 6 38 |
| S 14 | 23 12 | 23 23 | 4 43 | 19 13 | 1 48 | 11 50 | 2 33 | 21 0 | 1 19 | 6 41 | 1 12 | 21 19 | 0 26 | 3 21 | 0 43 | 4 3 | 1 3 | 21 37 | 1 51 | 20 23 | 20 12 | 4 43 | 13 55 | 6 37 |
| S 15 | 23 15 | 20 12 | 5 6 | 19 41 | 1 38 | 12 3 | 2 36 | 20 52 | 1 19 | 6 39 | 1 12 | 21 19 | 0 26 | 3 21 | 0 43 | 4 3 | 1 3 | 21 37 | 1 51 | 20 22 | 20 11 | 4 40 | 13 54 | 6 37 |
| M16 | 23 17 | 16 13 | 5 14 | 20 9 | 1 28 | 12 16 | 2 39 | 20 43 | 1 19 | 6 36 | 1 12 | 21 20 | 0 26 | 3 22 | 0 43 | 4 3 | 1 3 | 21 36 | 1 51 | 20 21 | 20 10 | 4 37 | 13 53 | 6 37 |
| T 17 | 23 19 | 11 38 | 5 8 | 20 36 | 1 17 | 12 28 | 2 42 | 20 34 | 1 18 | 6 34 | 1 12 | 21 20 | 0 25 | 3 22 | 0 43 | 4 2 | 1 3 | 21 36 | 1 51 | 20 21 | 20 10 | 4 34 | 13 52 | 6 36 |
| W18 | 23 21 | 6 41 | 4 49 | 21 3 | 1 6 | 12 41 | 2 45 | 20 25 | 1 18 | 6 31 | 1 12 | 21 21 | 0 25 | 3 23 | 0 43 | 4 2 | 1 3 | 21 36 | 1 51 | 20 21 | 20 9 | 4 31 | 13 52 | 6 36 |
| T 19 | 23 22 | 1 30 | 4 17 | 21 28 | 0 55 | 12 55 | 2 48 | 20 16 | 1 18 | 6 29 | 1 12 | 21 22 | 0 25 | 3 23 | 0 43 | 4 2 | 1 3 | 21 35 | 1 51 | 20 21 | 20 8 | 4 28 | 13 51 | 6 36 |
| F 20 | 23 23 | 3s46 | 3 35 | 21 53 | 0 44 | 13 8 | 2 50 | 20 7 | 1 18 | 6 26 | 1 11 | 21 22 | 0 25 | 3 24 | 0 43 | 4 2 | 1 3 | 21 35 | 1 52 | 20 21 | 20 8 | 4 25 | 13 50 | 6 35 |
| S 21 | 23 23 | 8 57 | 2 42 | 22 16 | 0 33 | 13 21 | 2 53 | 19 57 | 1 18 | 6 23 | 1 11 | 21 23 | 0 25 | 3 24 | 0 43 | 4 2 | 1 3 | 21 35 | 1 52 | 20 21 | 20 7 | 4 22 | 13 49 | 6 35 |
| S 22 | 23 23 | 13 53 | 1 42 | 22 37 | 0 22 | 13 35 | 2 55 | 19 48 | 1 17 | 6 20 | 1 11 | 21 24 | 0 25 | 3 25 | 0 43 | 4 1 | 1 3 | 21 35 | 1 52 | 20 22 | 20 6 | 4 19 | 13 48 | 6 35 |
| M23 | 23 22 | 18 21 | 0 36 | 22 57 | 0 10 | 13 49 | 2 56 | 19 38 | 1 17 | 6 18 | 1 11 | 21 24 | 0 25 | 3 25 | 0 43 | 4 1 | 1 3 | 21 34 | 1 52 | 20 22 | 20 6 | 4 16 | 13 47 | 6 34 |
| T 24 | 23 21 | 22 5 | 0s34 | 23 15 | 0n 1 | 14 3 | 2 58 | 19 28 | 1 17 | 6 15 | 1 11 | 21 25 | 0 25 | 3 25 | 0 43 | 4 1 | 1 3 | 21 34 | 1 52 | 20 22 | 20 5 | 4 12 | 13 46 | 6 34 |
| W25 | 23 20 | 24 47 | 1 44 | 23 31 | 0 11 | 14 16 | 3 0 | 19 18 | 1 17 | 6 12 | 1 11 | 21 26 | 0 25 | 3 26 | 0 43 | 4 0 | 1 3 | 21 34 | 1 52 | 20 22 | 20 4 | 4 9 | 13 45 | 6 34 |
| T 26 | 23 18 | 26 8 | 2 49 | 23 44 | 0 22 | 14 30 | 3 1 | 19 8 | 1 16 | 6 9 | 1 10 | 21 26 | 0 25 | 3 26 | 0 43 | 4 0 | 1 3 | 21 33 | 1 52 | 20 21 | 20 4 | 4 6 | 13 44 | 6 34 |
| F 27 | 23 16 | 25 57 | 3 46 | 23 55 | 0 32 | 14 44 | 3 2 | 18 58 | 1 16 | 6 6 | 1 10 | 21 27 | 0 25 | 3 26 | 0 43 | 4 0 | 1 3 | 21 33 | 1 52 | 20 20 | 20 3 | 4 3 | 13 43 | 6 33 |
| S 28 | 23 14 | 24 8 | 4 31 | 24 4 | 0 42 | 14 58 | 3 3 | 18 48 | 1 16 | 6 3 | 1 10 | 21 28 | 0 25 | 3 27 | 0 43 | 3 59 | 1 3 | 21 33 | 1 52 | 20 19 | 20 2 | 4 0 | 13 42 | 6 33 |
| S 29 | 23 11 | 20 48 | 5 0 | 24 10 | 0 51 | 15 12 | 3 4 | 18 37 | 1 16 | 5 59 | 1 10 | 21 28 | 0 25 | 3 27 | 0 43 | 3 59 | 1 3 | 21 33 | 1 52 | 20 18 | 20 2 | 3 57 | 13 41 | 6 33 |
| M30 | 23n 7 | 16s13 | 5s10 | 24n13 | 1n 0 | 15n26 | 3s 4 | 18n27 | 1n15 | 5n56 | 1n10 | 21s29 | 0n25 | 3n27 | 0s43 | 3n59 | 1n 3 | 21n32 | 1n52 | 20n17 | 20n 1 | 3n54 | 13n40 | 6s33 |

Julian Day Number = 2609115.5, Delta T = 10m11s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'19, Lahiri = 29°53'21


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## JULY 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 35 56 | 9♋20'51 | 14♓30 | 8♋55 | 23♉40 | 12♌19 | 17♍47 | 19°R59 | 10♈27 | 22♍24 | 1♌48 | 0°R48 | 29♉32 | 0♎31 | 0♌19 | T 1 |
| W 2 | 18 39 53 | 10°18'05 | 28°48 | 11° 6 | 24°39 | 12°56 | 17°55 | 19♑54 | 10°27 | 22°25 | 1°49 | 0♊46 | 29°29 | 0°37 | 0°26 | W 2 |
| T 3 | 18 43 49 | 11°15'20 | 13♈ 1 | 13°17 | 25°38 | 13°34 | 18° 4 | 19°50 | 10°28 | 22°26 | 1°51 | 0°D45 | 29°26 | 0°44 | 0°32 | T 3 |
| F 4 | 18 47 46 | 12°12'35 | 27° 7 | 15°27 | 26°37 | 14°11 | 18°12 | 19°46 | 10°28 | 22°27 | 1°52 | 0°46 | 29°23 | 0°51 | 0°39 | F 4 |
| S 5 | 18 51 43 | 13° 9'50 | 11♉ 5 | 17°37 | 27°36 | 14°48 | 18°20 | 19°41 | 10°29 | 22°28 | 1°54 | 0°47 | 29°20 | 0°57 | 0°45 | S 5 |
| S 6 | 18 55 39 | 14° 7'05 | 24°54 | 19°45 | 28°36 | 15°26 | 18°29 | 19°37 | 10°30 | 22°29 | 1°55 | 0°R48 | 29°16 | 1° 4 | 0°52 | S 6 |
| M 7 | 18 59 36 | 15° 4'21 | 8♊33 | 21°52 | 29°36 | 16° 3 | 18°37 | 19°33 | 10°30 | 22°30 | 1°57 | 0°48 | 29°13 | 1°11 | 0°59 | M 7 |
| T 8 | 19 3 32 | 16° 1'36 | 22° 2 | 23°57 | 0♋37 | 16°40 | 18°46 | 19°28 | 10°30 | 22°31 | 1°59 | 0°46 | 29°10 | 1°17 | 1° 6 | T 8 |
| W 9 | 19 7 29 | 16°58'51 | 5♋19 | 26° 1 | 1°37 | 17°18 | 18°55 | 19°24 | 10°31 | 22°32 | 2° 0 | 0°42 | 29° 7 | 1°24 | 1°12 | W 9 |
| T 10 | 19 11 25 | 17°56'06 | 18°23 | 28° 4 | 2°38 | 17°55 | 19° 4 | 19°19 | 10°31 | 22°33 | 2° 2 | 0°36 | 29° 4 | 1°31 | 1°19 | T 10 |
| F 11 | 19 15 22 | 18°53'21 | 1♌14 | 0♌ 4 | 3°40 | 18°32 | 19°13 | 19°15 | 10°31 | 22°34 | 2° 3 | 0°29 | 29° 1 | 1°38 | 1°26 | F 11 |
| S 12 | 19 19 18 | 19°50'36 | 13°50 | 2° 3 | 4°41 | 19°10 | 19°22 | 19°10 | 10°31 | 22°36 | 2° 5 | 0°20 | 28°57 | 1°44 | 1°33 | S 12 |
| S 13 | 19 23 15 | 20°47'51 | 26°12 | 4° 0 | 5°43 | 19°47 | 19°31 | 19° 6 | 10°32 | 22°37 | 2° 7 | 0°11 | 28°54 | 1°51 | 1°39 | S 13 |
| M14 | 19 27 12 | 21°45'06 | 8♍23 | 5°54 | 6°46 | 20°25 | 19°40 | 19° 2 | 10°32 | 22°38 | 2° 8 | 0° 3 | 28°51 | 1°58 | 1°46 | M14 |
| T 15 | 19 31 8 | 22°42'20 | 20°23 | 7°47 | 7°48 | 21° 2 | 19°50 | 18°57 | 10°32 | 22°39 | 2°10 | 29♉56 | 28°48 | 2° 4 | 1°53 | T 15 |
| W16 | 19 35 5 | 23°39'34 | 2♎16 | 9°38 | 8°51 | 21°40 | 19°59 | 18°53 | 10°R32 | 22°41 | 2°11 | 29°52 | 28°45 | 2°11 | 2° 0 | W16 |
| T 17 | 19 39 1 | 24°36'48 | 14° 7 | 11°27 | 9°54 | 22°17 | 20° 9 | 18°48 | 10°32 | 22°42 | 2°13 | 29°49 | 28°42 | 2°18 | 2° 7 | T 17 |
| F 18 | 19 42 58 | 25°34'02 | 26° 0 | 13°14 | 10°57 | 22°54 | 20°19 | 18°44 | 10°32 | 22°43 | 2°15 | 29°D49 | 28°38 | 2°25 | 2°14 | F 18 |
| S 19 | 19 46 54 | 26°31'16 | 8♏ 0 | 14°59 | 12° 0 | 23°32 | 20°29 | 18°40 | 10°32 | 22°45 | 2°16 | 29°49 | 28°35 | 2°31 | 2°20 | S 19 |
| S 20 | 19 50 51 | 27°28'30 | 20°12 | 16°42 | 13° 4 | 24° 9 | 20°39 | 18°35 | 10°31 | 22°46 | 2°18 | 29°50 | 28°32 | 2°38 | 2°27 | S 20 |
| M21 | 19 54 47 | 28°25'44 | 2♐42 | 18°23 | 14° 8 | 24°47 | 20°48 | 18°31 | 10°31 | 22°48 | 2°19 | 29°R50 | 28°29 | 2°45 | 2°34 | M21 |
| T 22 | 19 58 44 | 29°22'58 | 15°33 | 20° 2 | 15°12 | 25°24 | 20°59 | 18°27 | 10°31 | 22°49 | 2°21 | 29°49 | 28°26 | 2°51 | 2°41 | T 22 |
| W23 | 20 2 41 | 0♑20'12 | 28°49 | 21°40 | 16°16 | 26° 2 | 21° 9 | 18°22 | 10°31 | 22°51 | 2°23 | 29°46 | 28°22 | 2°58 | 2°48 | W23 |
| T 24 | 20 6 37 | 1°17'27 | 12♑29 | 23°15 | 17°20 | 26°39 | 21°19 | 18°18 | 10°30 | 22°52 | 2°24 | 29°40 | 28°19 | 3° 5 | 2°55 | T 24 |
| F 25 | 20 10 34 | 2°14'41 | 26°34 | 24°48 | 18°25 | 27°17 | 21°29 | 18°14 | 10°30 | 22°54 | 2°26 | 29°33 | 28°16 | 3°11 | 3° 2 | F 25 |
| S 26 | 20 14 30 | 3°11'56 | 10♒57 | 26°19 | 19°30 | 27°54 | 21°40 | 18°10 | 10°29 | 22°55 | 2°28 | 29°23 | 28°13 | 3°18 | 3° 9 | S 26 |
| S 27 | 20 18 27 | 4° 9'12 | 25°35 | 27°48 | 20°35 | 28°32 | 21°50 | 18° 6 | 10°29 | 22°57 | 2°29 | 29°14 | 28°10 | 3°25 | 3°16 | S 27 |
| M28 | 20 22 23 | 5° 6'28 | 10♓18 | 29°15 | 21°40 | 29°10 | 22° 1 | 18° 1 | 10°28 | 22°58 | 2°31 | 29° 5 | 28° 7 | 3°31 | 3°23 | M28 |
| T 29 | 20 26 20 | 6° 3'44 | 24°59 | 0♍41 | 22°46 | 29°47 | 22°11 | 17°57 | 10°28 | 23° 0 | 2°32 | 28°57 | 28° 3 | 3°38 | 3°29 | T 29 |
| W30 | 20 30 17 | 7° 1'01 | 9♈32 | 2° 4 | 23°52 | 0♍25 | 22°22 | 17°53 | 10°27 | 23° 2 | 2°34 | 28°53 | 28° 0 | 3°45 | 3°36 | W30 |
| T 31 | 20 34 13 | 7♌58'19 | 23♈53 | 3♍25 | 24♊57 | 1♍ 2 | 22♍33 | 17♑49 | 10♈26 | 23♍ 3 | 2♌36 | 28♉50 | 27♉57 | 3♎52 | 3♌43 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 3 | 10s43 | 5s 2 | 24n13 | 1n 8 | 15n40 | 3s 5 | 18n16 | 1n15 | 5n53 | 1n10 | 21s30 | 0n24 | 3n27 | 0s43 | 3n58 | 1n 3 | 21n32 | 1n52 | 20n16 | 20n 0 | 3n51 | 13n38 | 6s32 |
| W 2 | 22 59 | 4 40 | 4 34 | 24 11 | 1 16 | 15 53 | 3 5 | 18 5 | 1 15 | 5 50 | 1 9 | 21 31 | 0 24 | 3 28 | 0 44 | 3 58 | 1 3 | 21 32 | 1 52 | 20 16 | 20 0 | 3 48 | 13 37 | 6 32 |
| T 3 | 22 55 | 1n35 | 3 50 | 24 6 | 1 23 | 16 7 | 3 6 | 17 55 | 1 15 | 5 46 | 1 9 | 21 31 | 0 24 | 3 28 | 0 44 | 3 58 | 1 3 | 21 31 | 1 52 | 20 16 | 19 59 | 3 45 | 13 36 | 6 32 |
| F 4 | 22 49 | 7 44 | 2 52 | 23 58 | 1 29 | 16 21 | 3 6 | 17 44 | 1 14 | 5 43 | 1 9 | 21 32 | 0 24 | 3 28 | 0 44 | 3 57 | 1 3 | 21 31 | 1 52 | 20 16 | 19 58 | 3 42 | 13 35 | 6 32 |
| S 5 | 22 44 | 13 27 | 1 45 | 23 47 | 1 34 | 16 34 | 3 6 | 17 32 | 1 14 | 5 40 | 1 9 | 21 33 | 0 24 | 3 28 | 0 44 | 3 57 | 1 3 | 21 31 | 1 52 | 20 16 | 19 58 | 3 39 | 13 34 | 6 32 |
| S 6 | 22 38 | 18 26 | 0 32 | 23 34 | 1 39 | 16 47 | 3 5 | 17 21 | 1 14 | 5 36 | 1 9 | 21 33 | 0 24 | 3 29 | 0 44 | 3 56 | 1 3 | 21 31 | 1 52 | 20 16 | 19 57 | 3 36 | 13 33 | 6 31 |
| M 7 | 22 32 | 22 22 | 0n42 | 23 19 | 1 43 | 17 0 | 3 5 | 17 10 | 1 14 | 5 33 | 1 9 | 21 34 | 0 24 | 3 29 | 0 44 | 3 56 | 1 3 | 21 30 | 1 52 | 20 16 | 19 56 | 3 32 | 13 31 | 6 31 |
| T 8 | 22 25 | 25 1 | 1 52 | 23 1 | 1 46 | 17 13 | 3 5 | 16 58 | 1 13 | 5 29 | 1 9 | 21 35 | 0 24 | 3 29 | 0 44 | 3 55 | 1 3 | 21 30 | 1 52 | 20 16 | 19 56 | 3 29 | 13 30 | 6 31 |
| W 9 | 22 19 | 26 12 | 2 55 | 22 41 | 1 49 | 17 26 | 3 4 | 16 47 | 1 13 | 5 26 | 1 9 | 21 36 | 0 24 | 3 29 | 0 44 | 3 55 | 1 3 | 21 30 | 1 52 | 20 15 | 19 55 | 3 26 | 13 29 | 6 31 |
| T 10 | 22 11 | 25 53 | 3 48 | 22 18 | 1 51 | 17 39 | 3 3 | 16 35 | 1 13 | 5 22 | 1 8 | 21 36 | 0 24 | 3 29 | 0 44 | 3 54 | 1 3 | 21 29 | 1 52 | 20 14 | 19 54 | 3 23 | 13 28 | 6 31 |
| F 11 | 22 3 | 24 12 | 4 28 | 21 54 | 1 52 | 17 51 | 3 2 | 16 23 | 1 13 | 5 18 | 1 8 | 21 37 | 0 24 | 3 29 | 0 44 | 3 54 | 1 3 | 21 29 | 1 52 | 20 12 | 19 53 | 3 20 | 13 26 | 6 31 |
| S 12 | 21 55 | 21 19 | 4 54 | 21 28 | 1 52 | 18 3 | 3 1 | 16 11 | 1 12 | 5 15 | 1 8 | 21 38 | 0 24 | 3 29 | 0 44 | 3 54 | 1 3 | 21 29 | 1 53 | 20 10 | 19 53 | 3 17 | 13 25 | 6 31 |
| S 13 | 21 47 | 17 32 | 5 6 | 21 1 | 1 51 | 18 15 | 3 0 | 15 59 | 1 12 | 5 11 | 1 8 | 21 38 | 0 24 | 3 29 | 0 44 | 3 53 | 1 3 | 21 28 | 1 53 | 20 9 | 19 52 | 3 14 | 13 24 | 6 30 |
| M14 | 21 38 | 13 6 | 5 3 | 20 32 | 1 50 | 18 27 | 2 59 | 15 47 | 1 12 | 5 7 | 1 8 | 21 39 | 0 23 | 3 29 | 0 44 | 3 52 | 1 3 | 21 28 | 1 53 | 20 7 | 19 51 | 3 11 | 13 22 | 6 30 |
| T 15 | 21 29 | 8 12 | 4 47 | 20 2 | 1 49 | 18 38 | 2 58 | 15 35 | 1 12 | 5 3 | 1 8 | 21 40 | 0 23 | 3 29 | 0 44 | 3 52 | 1 3 | 21 28 | 1 53 | 20 5 | 19 51 | 3 8 | 13 21 | 6 30 |
| W16 | 21 19 | 3 4 | 4 19 | 19 30 | 1 46 | 18 49 | 2 56 | 15 23 | 1 11 | 5 0 | 1 8 | 21 40 | 0 23 | 3 29 | 0 44 | 3 51 | 1 3 | 21 27 | 1 53 | 20 5 | 19 50 | 3 5 | 13 20 | 6 30 |
| T 17 | 21 9 | 2s10 | 3 40 | 18 57 | 1 43 | 19 0 | 2 55 | 15 10 | 1 11 | 4 56 | 1 7 | 21 41 | 0 23 | 3 29 | 0 44 | 3 51 | 1 3 | 21 27 | 1 53 | 20 4 | 19 49 | 3 2 | 13 18 | 6 30 |
| F 18 | 20 59 | 7 22 | 2 51 | 18 24 | 1 40 | 19 11 | 2 53 | 14 58 | 1 11 | 4 52 | 1 7 | 21 42 | 0 23 | 3 29 | 0 44 | 3 50 | 1 3 | 21 27 | 1 53 | 20 4 | 19 49 | 2 58 | 13 17 | 6 30 |
| S 19 | 20 48 | 12 20 | 1 54 | 17 49 | 1 35 | 19 21 | 2 51 | 14 45 | 1 11 | 4 48 | 1 7 | 21 43 | 0 23 | 3 29 | 0 44 | 3 50 | 1 2 | 21 27 | 1 53 | 20 4 | 19 48 | 2 55 | 13 15 | 6 30 |
| S 20 | 20 37 | 16 56 | 0 51 | 17 14 | 1 31 | 19 31 | 2 50 | 14 33 | 1 10 | 4 44 | 1 7 | 21 43 | 0 23 | 3 29 | 0 44 | 3 49 | 1 2 | 21 26 | 1 53 | 20 4 | 19 47 | 2 52 | 13 14 | 6 30 |
| M21 | 20 26 | 20 54 | 0s15 | 16 38 | 1 25 | 19 40 | 2 48 | 14 20 | 1 10 | 4 40 | 1 7 | 21 44 | 0 23 | 3 29 | 0 44 | 3 49 | 1 2 | 21 26 | 1 53 | 20 4 | 19 47 | 2 49 | 13 13 | 6 30 |
| T 22 | 20 14 | 23 59 | 1 23 | 16 2 | 1 20 | 19 49 | 2 46 | 14 7 | 1 10 | 4 36 | 1 7 | 21 45 | 0 23 | 3 29 | 0 44 | 3 48 | 1 2 | 21 26 | 1 53 | 20 4 | 19 46 | 2 46 | 13 11 | 6 30 |
| W23 | 20 2 | 25 51 | 2 28 | 15 25 | 1 14 | 19 58 | 2 44 | 13 54 | 1 9 | 4 32 | 1 7 | 21 45 | 0 23 | 3 28 | 0 44 | 3 47 | 1 2 | 21 25 | 1 53 | 20 3 | 19 45 | 2 43 | 13 10 | 6 30 |
| T 24 | 19 50 | 26 14 | 3 27 | 14 47 | 1 7 | 20 6 | 2 41 | 13 41 | 1 9 | 4 27 | 1 7 | 21 46 | 0 23 | 3 28 | 0 44 | 3 47 | 1 2 | 21 25 | 1 53 | 20 2 | 19 44 | 2 40 | 13 8 | 6 30 |
| F 25 | 19 37 | 24 58 | 4 15 | 14 10 | 1 0 | 20 14 | 2 39 | 13 28 | 1 9 | 4 23 | 1 7 | 21 47 | 0 22 | 3 28 | 0 44 | 3 46 | 1 2 | 21 25 | 1 53 | 20 0 | 19 44 | 2 37 | 13 7 | 6 30 |
| S 26 | 19 24 | 22 3 | 4 48 | 13 32 | 0 52 | 20 22 | 2 37 | 13 15 | 1 9 | 4 19 | 1 6 | 21 47 | 0 22 | 3 28 | 0 44 | 3 46 | 1 2 | 21 24 | 1 53 | 19 58 | 19 43 | 2 34 | 13 5 | 6 30 |
| S 27 | 19 10 | 17 42 | 5 2 | 12 54 | 0 44 | 20 29 | 2 34 | 13 1 | 1 8 | 4 15 | 1 6 | 21 48 | 0 22 | 3 28 | 0 44 | 3 45 | 1 2 | 21 24 | 1 53 | 19 56 | 19 42 | 2 30 | 13 4 | 6 30 |
| M28 | 18 57 | 12 16 | 4 57 | 12 16 | 0 36 | 20 36 | 2 32 | 12 48 | 1 8 | 4 11 | 1 6 | 21 49 | 0 22 | 3 27 | 0 44 | 3 44 | 1 2 | 21 24 | 1 53 | 19 54 | 19 42 | 2 27 | 13 2 | 6 30 |
| T 29 | 18 43 | 6 9 | 4 33 | 11 38 | 0 27 | 20 42 | 2 29 | 12 35 | 1 8 | 4 6 | 1 6 | 21 49 | 0 22 | 3 27 | 0 44 | 3 44 | 1 2 | 21 23 | 1 54 | 19 53 | 19 41 | 2 24 | 13 0 | 6 30 |
| W30 | 18 29 | 0n14 | 3 50 | 11 0 | 0 18 | 20 48 | 2 27 | 12 21 | 1 7 | 4 2 | 1 6 | 21 50 | 0 22 | 3 27 | 0 44 | 3 43 | 1 2 | 21 23 | 1 54 | 19 52 | 19 40 | 2 21 | 12 59 | 6 30 |
| T 31 | 18n14 | 6n33 | 2s54 | 10n23 | 0n 9 | 20n53 | 2s24 | 12n 8 | 1n 7 | 3n58 | 1n 6 | 21s50 | 0n22 | 3n26 | 0s44 | 3n42 | 1n 2 | 21n23 | 1n54 | 19n51 | 19n39 | 2n18 | 12n57 | 6s30 |

Julian Day Number = 2609145.5, Delta T = 10m11s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'23, Lahiri = 29°53'25


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## AUGUST 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 38 10 | 8♌55'39 | 7♉58 | 4♍43 | 26♊ 3 | 1♍40 | 22♍44 | 17°R45 | 10°R25 | 23♍ 5 | 2♌37 | 28°D49 | 27♉54 | 3♎58 | 3♌50 | F 1 |
| S 2 | 20 42 6 | 9°52'59 | 21°48 | 6° 0 | 27°10 | 2°18 | 22°55 | 17♏41 | 10♈25 | 23° 7 | 2°39 | 28°R49 | 27°51 | 4° 5 | 3°57 | S 2 |
| S 3 | 20 46 3 | 10°50'20 | 5♊22 | 7°15 | 28°16 | 2°55 | 23° 6 | 17°37 | 10°24 | 23° 9 | 2°41 | 28♉49 | 27°48 | 4°12 | 4° 4 | S 3 |
| M 4 | 20 49 59 | 11°47'42 | 18°42 | 8°27 | 29°22 | 3°33 | 23°17 | 17°34 | 10°23 | 23°10 | 2°42 | 28°48 | 27°44 | 4°18 | 4°11 | M 4 |
| T 5 | 20 53 56 | 12°45'05 | 1♋50 | 9°36 | 0♋29 | 4°11 | 23°28 | 17°30 | 10°22 | 23°12 | 2°44 | 28°44 | 27°41 | 4°25 | 4°18 | T 5 |
| W 6 | 20 57 52 | 13°42'29 | 14°45 | 10°44 | 1°36 | 4°48 | 23°39 | 17°26 | 10°21 | 23°14 | 2°45 | 28°38 | 27°38 | 4°32 | 4°25 | W 6 |
| T 7 | 21 1 49 | 14°39'53 | 27°30 | 11°48 | 2°43 | 5°26 | 23°50 | 17°22 | 10°20 | 23°16 | 2°47 | 28°28 | 27°35 | 4°38 | 4°32 | T 7 |
| F 8 | 21 5 46 | 15°37'19 | 10♌ 3 | 12°51 | 3°50 | 6° 4 | 24° 2 | 17°19 | 10°19 | 23°17 | 2°49 | 28°17 | 27°32 | 4°45 | 4°38 | F 8 |
| S 9 | 21 9 42 | 16°34'45 | 22°27 | 13°50 | 4°57 | 6°41 | 24°13 | 17°15 | 10°18 | 23°19 | 2°50 | 28° 4 | 27°28 | 4°52 | 4°45 | S 9 |
| S 10 | 21 13 39 | 17°32'13 | 4♍39 | 14°47 | 6° 5 | 7°19 | 24°25 | 17°12 | 10°17 | 23°21 | 2°52 | 27°51 | 27°25 | 4°59 | 4°52 | S 10 |
| M11 | 21 17 35 | 18°29'41 | 16°43 | 15°40 | 7°12 | 7°57 | 24°36 | 17° 8 | 10°16 | 23°23 | 2°53 | 27°38 | 27°22 | 5° 5 | 4°59 | M11 |
| T 12 | 21 21 32 | 19°27'09 | 28°39 | 16°30 | 8°20 | 8°35 | 24°48 | 17° 5 | 10°14 | 23°25 | 2°55 | 27°28 | 27°19 | 5°12 | 5° 6 | T 12 |
| W13 | 21 25 28 | 20°24'39 | 10♎29 | 17°18 | 9°28 | 9°13 | 25° 0 | 17° 1 | 10°13 | 23°27 | 2°57 | 27°20 | 27°16 | 5°19 | 5°13 | W13 |
| T 14 | 21 29 25 | 21°22'09 | 22°18 | 18° 1 | 10°36 | 9°50 | 25°11 | 16°58 | 10°12 | 23°29 | 2°58 | 27°15 | 27°13 | 5°25 | 5°19 | T 14 |
| F 15 | 21 33 21 | 22°19'40 | 4♏ 9 | 18°41 | 11°44 | 10°28 | 25°23 | 16°55 | 10°10 | 23°31 | 3° 0 | 27°12 | 27° 9 | 5°32 | 5°26 | F 15 |
| S 16 | 21 37 18 | 23°17'12 | 16° 7 | 19°18 | 12°52 | 11° 6 | 25°35 | 16°52 | 10° 9 | 23°33 | 3° 1 | 27°11 | 27° 6 | 5°39 | 5°33 | S 16 |
| S 17 | 21 41 14 | 24°14'45 | 28°17 | 19°50 | 14° 0 | 11°44 | 25°47 | 16°49 | 10° 8 | 23°35 | 3° 3 | 27°11 | 27° 3 | 5°45 | 5°40 | S 17 |
| M18 | 21 45 11 | 25°12'18 | 10♐45 | 20°18 | 15° 9 | 12°22 | 25°59 | 16°46 | 10° 6 | 23°37 | 3° 4 | 27°10 | 27° 0 | 5°52 | 5°46 | M18 |
| T 19 | 21 49 8 | 26° 9'53 | 23°35 | 20°41 | 16°18 | 13° 0 | 26°11 | 16°43 | 10° 5 | 23°39 | 3° 6 | 27° 9 | 26°57 | 5°59 | 5°53 | T 19 |
| W20 | 21 53 4 | 27° 7'28 | 6♑52 | 21° 0 | 17°26 | 13°38 | 26°23 | 16°40 | 10° 3 | 23°41 | 3° 7 | 27° 5 | 26°53 | 6° 5 | 6° 0 | W20 |
| T 21 | 21 57 1 | 28° 5'05 | 20°38 | 21°15 | 18°35 | 14°16 | 26°35 | 16°37 | 10° 2 | 23°43 | 3° 9 | 26°59 | 26°50 | 6°12 | 6° 6 | T 21 |
| F 22 | 22 0 57 | 29° 2'42 | 4♒52 | 21°24 | 19°44 | 14°54 | 26°47 | 16°35 | 10° 0 | 23°45 | 3°10 | 26°50 | 26°47 | 6°19 | 6°13 | F 22 |
| S 23 | 22 4 54 | 0♍ 0'20 | 19°31 | 21°R27 | 20°53 | 15°32 | 26°59 | 16°32 | 9°58 | 23°47 | 3°12 | 26°39 | 26°44 | 6°26 | 6°20 | S 23 |
| S 24 | 22 8 50 | 0°57'59 | 4♓28 | 21°26 | 22° 2 | 16°10 | 27°11 | 16°30 | 9°57 | 23°49 | 3°13 | 26°28 | 26°41 | 6°32 | 6°26 | S 24 |
| M25 | 22 12 47 | 1°55'40 | 19°33 | 21°19 | 23°12 | 16°48 | 27°23 | 16°27 | 9°55 | 23°51 | 3°15 | 26°18 | 26°38 | 6°39 | 6°33 | M25 |
| T 26 | 22 16 44 | 2°53'22 | 4♈36 | 21° 6 | 24°21 | 17°26 | 27°36 | 16°25 | 9°53 | 23°53 | 3°16 | 26° 9 | 26°34 | 6°46 | 6°39 | T 26 |
| W27 | 22 20 40 | 3°51'06 | 19°29 | 20°47 | 25°31 | 18° 4 | 27°48 | 16°22 | 9°51 | 23°55 | 3°18 | 26° 3 | 26°31 | 6°52 | 6°46 | W27 |
| T 28 | 22 24 37 | 4°48'51 | 4♉ 5 | 20°23 | 26°40 | 18°42 | 28° 0 | 16°20 | 9°50 | 23°57 | 3°19 | 26° 0 | 26°28 | 6°59 | 6°52 | T 28 |
| F 29 | 22 28 33 | 5°46'38 | 18°19 | 19°53 | 27°50 | 19°20 | 28°13 | 16°18 | 9°48 | 24° 0 | 3°21 | 25°58 | 26°25 | 7° 6 | 6°59 | F 29 |
| S 30 | 22 32 30 | 6°44'26 | 2♊11 | 19°18 | 29° 0 | 19°58 | 28°25 | 16°16 | 9°46 | 24° 2 | 3°22 | 25°58 | 26°22 | 7°12 | 7° 5 | S 30 |
| S 31 | 22 36 26 | 7♍42'16 | 15♊42 | 18♍37 | 0♌10 | 20♍36 | 28♍38 | 16♏14 | 9♈44 | 24♍ 4 | 3♌23 | 25♉58 | 26♉19 | 7♎19 | 7♌11 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n59 | 12n25 | 1s48 | 9n45 | 0s 0 | 20n58 | 2s21 | 11n54 | 1n 7 | 3n53 | 1n 6 | 21s51 | 0n22 | 3n26 | 0s44 | 3n42 | 1n 2 | 21n22 | 1n54 | 19n51 | 19n39 | 2n15 | 12n56 | 6s30 |
| S 2 | 17 44 | 17 34 | 0 37 | 9 8 | 0 10 | 21 3 | 2 18 | 11 40 | 1 7 | 3 49 | 1 6 | 21 52 | 0 22 | 3 26 | 0 45 | 3 41 | 1 2 | 21 22 | 1 54 | 19 51 | 19 38 | 2 12 | 12 54 | 6 30 |
| S 3 | 17 28 | 21 43 | 0n35 | 8 31 | 0 20 | 21 7 | 2 16 | 11 26 | 1 6 | 3 44 | 1 6 | 21 52 | 0 22 | 3 25 | 0 45 | 3 40 | 1 2 | 21 22 | 1 54 | 19 51 | 19 37 | 2 9 | 12 53 | 6 30 |
| M 4 | 17 13 | 24 37 | 1 43 | 7 54 | 0 31 | 21 10 | 2 13 | 11 12 | 1 6 | 3 40 | 1 6 | 21 53 | 0 21 | 3 25 | 0 45 | 3 39 | 1 2 | 21 22 | 1 54 | 19 51 | 19 37 | 2 5 | 12 51 | 6 30 |
| T 5 | 16 57 | 26 8 | 2 45 | 7 18 | 0 42 | 21 13 | 2 10 | 10 58 | 1 6 | 3 36 | 1 6 | 21 53 | 0 21 | 3 25 | 0 45 | 3 39 | 1 2 | 21 21 | 1 54 | 19 50 | 19 36 | 2 2 | 12 49 | 6 30 |
| W 6 | 16 40 | 26 10 | 3 38 | 6 43 | 0 52 | 21 16 | 2 7 | 10 44 | 1 5 | 3 31 | 1 5 | 21 54 | 0 21 | 3 24 | 0 45 | 3 38 | 1 2 | 21 21 | 1 54 | 19 48 | 19 35 | 1 59 | 12 48 | 6 30 |
| T 7 | 16 24 | 24 50 | 4 18 | 6 8 | 1 3 | 21 18 | 2 3 | 10 30 | 1 5 | 3 26 | 1 5 | 21 55 | 0 21 | 3 24 | 0 45 | 3 37 | 1 2 | 21 21 | 1 54 | 19 46 | 19 34 | 1 56 | 12 46 | 6 30 |
| F 8 | 16 7 | 22 16 | 4 45 | 5 34 | 1 15 | 21 20 | 2 0 | 10 16 | 1 5 | 3 22 | 1 5 | 21 55 | 0 21 | 3 23 | 0 45 | 3 37 | 1 2 | 21 20 | 1 54 | 19 44 | 19 34 | 1 53 | 12 44 | 6 30 |
| S 9 | 15 50 | 18 42 | 4 59 | 5 1 | 1 26 | 21 21 | 1 57 | 10 2 | 1 4 | 3 17 | 1 5 | 21 56 | 0 21 | 3 23 | 0 45 | 3 36 | 1 2 | 21 20 | 1 54 | 19 41 | 19 33 | 1 50 | 12 43 | 6 30 |
| S 10 | 15 33 | 14 24 | 4 58 | 4 29 | 1 37 | 21 21 | 1 54 | 9 48 | 1 4 | 3 13 | 1 5 | 21 56 | 0 21 | 3 23 | 0 45 | 3 35 | 1 2 | 21 20 | 1 54 | 19 38 | 19 32 | 1 47 | 12 41 | 6 30 |
| M11 | 15 15 | 9 36 | 4 44 | 3 58 | 1 49 | 21 21 | 1 51 | 9 33 | 1 4 | 3 8 | 1 5 | 21 57 | 0 21 | 3 22 | 0 45 | 3 34 | 1 2 | 21 20 | 1 54 | 19 35 | 19 32 | 1 44 | 12 39 | 6 30 |
| T 12 | 14 57 | 4 29 | 4 18 | 3 28 | 2 1 | 21 20 | 1 47 | 9 19 | 1 3 | 3 3 | 1 5 | 21 57 | 0 21 | 3 22 | 0 45 | 3 34 | 1 2 | 21 19 | 1 55 | 19 33 | 19 31 | 1 40 | 12 38 | 6 31 |
| W13 | 14 39 | 0s46 | 3 40 | 2 59 | 2 12 | 21 19 | 1 44 | 9 4 | 1 3 | 2 59 | 1 5 | 21 58 | 0 20 | 3 21 | 0 45 | 3 33 | 1 2 | 21 19 | 1 55 | 19 31 | 19 30 | 1 37 | 12 36 | 6 31 |
| T 14 | 14 21 | 5 59 | 2 53 | 2 31 | 2 24 | 21 18 | 1 41 | 8 50 | 1 3 | 2 54 | 1 5 | 21 58 | 0 20 | 3 20 | 0 45 | 3 32 | 1 2 | 21 19 | 1 55 | 19 30 | 19 29 | 1 34 | 12 34 | 6 31 |
| F 15 | 14 2 | 11 1 | 1 59 | 2 5 | 2 36 | 21 15 | 1 37 | 8 35 | 1 2 | 2 49 | 1 5 | 21 59 | 0 20 | 3 20 | 0 45 | 3 31 | 1 2 | 21 18 | 1 55 | 19 29 | 19 29 | 1 31 | 12 32 | 6 31 |
| S 16 | 13 44 | 15 41 | 0 58 | 1 40 | 2 47 | 21 13 | 1 34 | 8 21 | 1 2 | 2 45 | 1 5 | 21 59 | 0 20 | 3 19 | 0 45 | 3 30 | 1 2 | 21 18 | 1 55 | 19 29 | 19 28 | 1 28 | 12 31 | 6 31 |
| S 17 | 13 25 | 19 50 | 0s 6 | 1 17 | 2 59 | 21 9 | 1 30 | 8 6 | 1 2 | 2 40 | 1 5 | 22 0 | 0 20 | 3 19 | 0 45 | 3 30 | 1 2 | 21 18 | 1 55 | 19 29 | 19 27 | 1 25 | 12 29 | 6 31 |
| M18 | 13 5 | 23 11 | 1 11 | 0 55 | 3 10 | 21 5 | 1 27 | 7 51 | 1 1 | 2 35 | 1 5 | 22 0 | 0 20 | 3 18 | 0 45 | 3 29 | 1 2 | 21 18 | 1 55 | 19 29 | 19 27 | 1 22 | 12 27 | 6 31 |
| T 19 | 12 46 | 25 28 | 2 15 | 0 36 | 3 21 | 21 1 | 1 23 | 7 36 | 1 1 | 2 30 | 1 5 | 22 1 | 0 20 | 3 18 | 0 45 | 3 28 | 1 2 | 21 17 | 1 55 | 19 29 | 19 26 | 1 18 | 12 25 | 6 32 |
| W20 | 12 26 | 26 25 | 3 13 | 0 19 | 3 32 | 20 56 | 1 20 | 7 21 | 1 1 | 2 25 | 1 4 | 22 1 | 0 20 | 3 17 | 0 45 | 3 27 | 1 2 | 21 17 | 1 55 | 19 28 | 19 25 | 1 15 | 12 24 | 6 32 |
| T 21 | 12 7 | 25 48 | 4 3 | 0 4 | 3 42 | 20 50 | 1 16 | 7 7 | 1 0 | 2 21 | 1 4 | 22 2 | 0 20 | 3 16 | 0 45 | 3 26 | 1 2 | 21 17 | 1 55 | 19 26 | 19 24 | 1 12 | 12 22 | 6 32 |
| F 22 | 11 47 | 23 31 | 4 39 | 0s 9 | 3 52 | 20 44 | 1 13 | 6 52 | 1 0 | 2 16 | 1 4 | 22 2 | 0 20 | 3 16 | 0 45 | 3 26 | 1 2 | 21 16 | 1 55 | 19 24 | 19 24 | 1 9 | 12 20 | 6 32 |
| S 23 | 11 27 | 19 39 | 4 58 | 0 19 | 4 1 | 20 38 | 1 9 | 6 37 | 1 0 | 2 11 | 1 4 | 22 3 | 0 19 | 3 15 | 0 45 | 3 25 | 1 2 | 21 16 | 1 55 | 19 22 | 19 23 | 1 6 | 12 18 | 6 32 |
| S 24 | 11 6 | 14 28 | 4 57 | 0 26 | 4 9 | 20 30 | 1 6 | 6 22 | 0 59 | 2 6 | 1 4 | 22 3 | 0 19 | 3 14 | 0 45 | 3 24 | 1 2 | 21 16 | 1 56 | 19 19 | 19 22 | 1 3 | 12 17 | 6 33 |
| M25 | 10 46 | 8 22 | 4 36 | 0 30 | 4 17 | 20 23 | 1 2 | 6 7 | 0 59 | 2 1 | 1 4 | 22 3 | 0 19 | 3 14 | 0 45 | 3 23 | 1 2 | 21 16 | 1 56 | 19 17 | 19 21 | 0 59 | 12 15 | 6 33 |
| T 26 | 10 25 | 1 47 | 3 56 | 0 31 | 4 24 | 20 14 | 0 58 | 5 51 | 0 59 | 1 56 | 1 4 | 22 4 | 0 19 | 3 13 | 0 45 | 3 22 | 1 2 | 21 15 | 1 56 | 19 15 | 19 21 | 0 56 | 12 13 | 6 33 |
| W27 | 10 4 | 4n50 | 3 0 | 0 29 | 4 30 | 20 5 | 0 55 | 5 36 | 0 58 | 1 51 | 1 4 | 22 4 | 0 19 | 3 12 | 0 45 | 3 21 | 1 2 | 21 15 | 1 56 | 19 13 | 19 20 | 0 53 | 12 11 | 6 33 |
| T 28 | 9 43 | 11 5 | 1 53 | 0 24 | 4 34 | 19 56 | 0 51 | 5 21 | 0 58 | 1 46 | 1 4 | 22 5 | 0 19 | 3 11 | 0 45 | 3 21 | 1 2 | 21 15 | 1 56 | 19 13 | 19 19 | 0 50 | 12 9 | 6 34 |
| F 29 | 9 22 | 16 36 | 0 40 | 0 16 | 4 38 | 19 46 | 0 48 | 5 6 | 0 58 | 1 41 | 1 4 | 22 5 | 0 19 | 3 11 | 0 45 | 3 20 | 1 2 | 21 15 | 1 56 | 19 12 | 19 18 | 0 47 | 12 7 | 6 34 |
| S 30 | 9 1 | 21 5 | 0n33 | 0 3 | 4 39 | 19 35 | 0 44 | 4 51 | 0 57 | 1 36 | 1 4 | 22 5 | 0 19 | 3 10 | 0 45 | 3 19 | 1 2 | 21 14 | 1 56 | 19 12 | 19 18 | 0 44 | 12 6 | 6 34 |
| S 31 | 8n40 | 24n19 | 1n42 | 0n12 | 4s39 | 19n24 | 0s41 | 4n35 | 0n57 | 1n31 | 1n 4 | 22s 6 | 0n19 | 3n 9 | 0s45 | 3n18 | 1n 2 | 21n14 | 1n56 | 19n12 | 19n17 | 0n41 | 12n 4 | 6s35 |

Julian Day Number = 2609176.5, Delta T = 10m12s
Ecliptic obliquity = 23°23'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'28, Lahiri = 29°53'29


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## SEPTEMBER 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 40 23 | 8♍40'08 | 28♊53 | 17°R53 | 1♌20 | 21♍14 | 28♍50 | 16°R12 | 9°R42 | 24♍ 6 | 3♌25 | 25°R57 | 26♉15 | 7♎26 | 7♌18 | M 1 |
| T 2 | 22 44 19 | 9°38'02 | 11♋47 | 17♍ 4 | 2°30 | 21°52 | 29° 3 | 16♏11 | 9♈40 | 24° 8 | 3°26 | 25♉53 | 26°12 | 7°32 | 7°24 | T 2 |
| W 3 | 22 48 16 | 10°35'58 | 24°28 | 16°12 | 3°41 | 22°31 | 29°15 | 16° 9 | 9°38 | 24°10 | 3°28 | 25°47 | 26° 9 | 7°39 | 7°30 | W 3 |
| T 4 | 22 52 13 | 11°33'55 | 6♌56 | 15°18 | 4°51 | 23° 9 | 29°28 | 16° 7 | 9°36 | 24°12 | 3°29 | 25°38 | 26° 6 | 7°46 | 7°37 | T 4 |
| F 5 | 22 56 9 | 12°31'54 | 19°15 | 14°23 | 6° 1 | 23°47 | 29°40 | 16° 6 | 9°34 | 24°15 | 3°30 | 25°27 | 26° 3 | 7°53 | 7°43 | F 5 |
| S 6 | 23 0 6 | 13°29'54 | 1♍25 | 13°27 | 7°12 | 24°25 | 29°53 | 16° 4 | 9°32 | 24°17 | 3°31 | 25°14 | 25°59 | 7°59 | 7°49 | S 6 |
| S 7 | 23 4 2 | 14°27'56 | 13°28 | 12°32 | 8°23 | 25° 4 | 0♎ 6 | 16° 3 | 9°30 | 24°19 | 3°33 | 25° 1 | 25°56 | 8° 6 | 7°55 | S 7 |
| M 8 | 23 7 59 | 15°26'00 | 25°24 | 11°40 | 9°34 | 25°42 | 0°18 | 16° 2 | 9°28 | 24°21 | 3°34 | 24°49 | 25°53 | 8°13 | 8° 1 | M 8 |
| T 9 | 23 11 55 | 16°24'05 | 7♎16 | 10°51 | 10°44 | 26°20 | 0°31 | 16° 1 | 9°25 | 24°23 | 3°35 | 24°38 | 25°50 | 8°19 | 8° 7 | T 9 |
| W10 | 23 15 52 | 17°22'11 | 19° 4 | 10° 6 | 11°55 | 26°59 | 0°44 | 16° 0 | 9°23 | 24°26 | 3°37 | 24°30 | 25°47 | 8°26 | 8°13 | W10 |
| T 11 | 23 19 48 | 18°20'19 | 0♏53 | 9°27 | 13° 7 | 27°37 | 0°57 | 15°59 | 9°21 | 24°28 | 3°38 | 24°25 | 25°44 | 8°33 | 8°19 | T 11 |
| F 12 | 23 23 45 | 19°18'29 | 12°43 | 8°54 | 14°18 | 28°15 | 1° 9 | 15°58 | 9°19 | 24°30 | 3°39 | 24°22 | 25°40 | 8°39 | 8°25 | F 12 |
| S 13 | 23 27 41 | 20°16'40 | 24°41 | 8°29 | 15°29 | 28°54 | 1°22 | 15°57 | 9°17 | 24°32 | 3°40 | 24°D22 | 25°37 | 8°46 | 8°31 | S 13 |
| S 14 | 23 31 38 | 21°14'53 | 6♐50 | 8°12 | 16°40 | 29°32 | 1°35 | 15°57 | 9°14 | 24°35 | 3°41 | 24°22 | 25°34 | 8°53 | 8°37 | S 14 |
| M15 | 23 35 35 | 22°13'07 | 19°15 | 8° 3 | 17°52 | 0♎11 | 1°48 | 15°56 | 9°12 | 24°37 | 3°43 | 24°R23 | 25°31 | 8°59 | 8°42 | M15 |
| T 16 | 23 39 31 | 23°11'23 | 2♑ 2 | 8°D 3 | 19° 3 | 0°49 | 2° 1 | 15°56 | 9°10 | 24°39 | 3°44 | 24°22 | 25°28 | 9° 6 | 8°48 | T 16 |
| W17 | 23 43 28 | 24° 9'40 | 15°14 | 8°12 | 20°15 | 1°28 | 2°14 | 15°55 | 9° 8 | 24°41 | 3°45 | 24°20 | 25°25 | 9°13 | 8°54 | W17 |
| T 18 | 23 47 24 | 25° 7'59 | 28°55 | 8°30 | 21°26 | 2° 6 | 2°27 | 15°55 | 9° 5 | 24°43 | 3°46 | 24°16 | 25°21 | 9°19 | 8°59 | T 18 |
| F 19 | 23 51 21 | 26° 6'19 | 13♒ 7 | 8°57 | 22°38 | 2°45 | 2°39 | 15°55 | 9° 3 | 24°46 | 3°47 | 24°10 | 25°18 | 9°26 | 9° 5 | F 19 |
| S 20 | 23 55 17 | 27° 4'41 | 27°46 | 9°32 | 23°50 | 3°24 | 2°52 | 15°D55 | 9° 1 | 24°48 | 3°48 | 24° 2 | 25°15 | 9°33 | 9°10 | S 20 |
| S 21 | 23 59 14 | 28° 3'04 | 12♓47 | 10°17 | 25° 2 | 4° 2 | 3° 5 | 15°55 | 8°58 | 24°50 | 3°49 | 23°53 | 25°12 | 9°39 | 9°16 | S 21 |
| M22 | 0 3 10 | 29° 1'29 | 28° 1 | 11° 9 | 26°14 | 4°41 | 3°18 | 15°55 | 8°56 | 24°52 | 3°50 | 23°45 | 25° 9 | 9°46 | 9°21 | M22 |
| T 23 | 0 7 7 | 29°59'56 | 13♈18 | 12° 9 | 27°26 | 5°19 | 3°31 | 15°55 | 8°54 | 24°55 | 3°51 | 23°39 | 25° 5 | 9°53 | 9°26 | T 23 |
| W24 | 0 11 4 | 0♎58'24 | 28°27 | 13°16 | 28°38 | 5°58 | 3°44 | 15°55 | 8°51 | 24°57 | 3°52 | 23°34 | 25° 2 | 10° 0 | 9°32 | W24 |
| T 25 | 0 15 0 | 1°56'55 | 13♉18 | 14°29 | 29°50 | 6°37 | 3°57 | 15°56 | 8°49 | 24°59 | 3°53 | 23°32 | 24°59 | 10° 6 | 9°37 | T 25 |
| F 26 | 0 18 57 | 2°55'28 | 27°46 | 15°48 | 1♍ 3 | 7°16 | 4°10 | 15°56 | 8°46 | 25° 1 | 3°54 | 23°D31 | 24°56 | 10°13 | 9°42 | F 26 |
| S 27 | 0 22 53 | 3°54'03 | 11♊49 | 17°13 | 2°15 | 7°54 | 4°23 | 15°57 | 8°44 | 25° 3 | 3°55 | 23°32 | 24°53 | 10°20 | 9°47 | S 27 |
| S 28 | 0 26 50 | 4°52'41 | 25°25 | 18°42 | 3°28 | 8°33 | 4°36 | 15°58 | 8°42 | 25° 6 | 3°56 | 23°33 | 24°50 | 10°26 | 9°52 | S 28 |
| M29 | 0 30 46 | 5°51'21 | 8♋37 | 20°15 | 4°40 | 9°12 | 4°49 | 15°59 | 8°39 | 25° 8 | 3°57 | 23°R34 | 24°46 | 10°33 | 9°57 | M29 |
| T 30 | 0 34 43 | 6♎50'02 | 21♋28 | 21♍52 | 5♍53 | 9♎51 | 5♎ 2 | 15♏59 | 8♈37 | 25♍10 | 3♌58 | 23♉33 | 24♉43 | 10♎40 | 10♌ 2 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n18 | 26n 8 | 2n45 | 0n31 | 4s38 | 19n13 | 0s37 | 4n20 | 0n57 | 1n26 | 1n 4 | 22s 6 | 0n18 | 3n 8 | 0s45 | 3n17 | 1n 2 | 21n14 | 1n56 | 19n12 | 19n16 | 0n37 | 12n 2 | 6s35 |
| T 2 | 7 56 | 26 28 | 3 37 | 0 53 | 4 35 | 19 1 | 0 34 | 4 5 | 0 56 | 1 21 | 1 4 | 22 6 | 0 18 | 3 8 | 0 45 | 3 16 | 1 2 | 21 14 | 1 56 | 19 11 | 19 16 | 0 34 | 12 0 | 6 35 |
| W 3 | 7 35 | 25 24 | 4 18 | 1 17 | 4 29 | 18 48 | 0 30 | 3 49 | 0 56 | 1 16 | 1 4 | 22 7 | 0 18 | 3 7 | 0 45 | 3 16 | 1 2 | 21 13 | 1 56 | 19 10 | 19 15 | 0 31 | 11 58 | 6 35 |
| T 4 | 7 13 | 23 6 | 4 46 | 1 45 | 4 22 | 18 35 | 0 27 | 3 34 | 0 56 | 1 11 | 1 4 | 22 7 | 0 18 | 3 6 | 0 45 | 3 15 | 1 2 | 21 13 | 1 57 | 19 7 | 19 14 | 0 28 | 11 57 | 6 36 |
| F 5 | 6 51 | 19 45 | 4 59 | 2 14 | 4 13 | 18 21 | 0 23 | 3 18 | 0 55 | 1 6 | 1 4 | 22 7 | 0 18 | 3 5 | 0 45 | 3 14 | 1 2 | 21 13 | 1 57 | 19 5 | 19 13 | 0 25 | 11 55 | 6 36 |
| S 6 | 6 28 | 15 36 | 4 59 | 2 46 | 4 2 | 18 7 | 0 20 | 3 3 | 0 55 | 1 1 | 1 4 | 22 7 | 0 18 | 3 4 | 0 45 | 3 13 | 1 2 | 21 13 | 1 57 | 19 2 | 19 13 | 0 22 | 11 53 | 6 36 |
| S 7 | 6 6 | 10 53 | 4 46 | 3 18 | 3 49 | 17 52 | 0 16 | 2 47 | 0 54 | 0 56 | 1 4 | 22 8 | 0 18 | 3 4 | 0 45 | 3 12 | 1 2 | 21 13 | 1 57 | 18 59 | 19 12 | 0 18 | 11 51 | 6 37 |
| M 8 | 5 44 | 5 48 | 4 20 | 3 51 | 3 35 | 17 37 | 0 13 | 2 32 | 0 54 | 0 51 | 1 4 | 22 8 | 0 18 | 3 3 | 0 45 | 3 11 | 1 2 | 21 12 | 1 57 | 18 56 | 19 11 | 0 15 | 11 49 | 6 37 |
| T 9 | 5 21 | 0 32 | 3 43 | 4 24 | 3 19 | 17 21 | 0 9 | 2 16 | 0 54 | 0 46 | 1 4 | 22 8 | 0 18 | 3 2 | 0 45 | 3 10 | 1 2 | 21 12 | 1 57 | 18 53 | 19 10 | 0 12 | 11 47 | 6 37 |
| W10 | 4 59 | 4s44 | 2 56 | 4 57 | 3 2 | 17 5 | 0 6 | 2 1 | 0 53 | 0 41 | 1 4 | 22 8 | 0 17 | 3 1 | 0 45 | 3 9 | 1 2 | 21 12 | 1 57 | 18 51 | 19 10 | 0 9 | 11 46 | 6 38 |
| T 11 | 4 36 | 9 51 | 2 2 | 5 28 | 2 45 | 16 48 | 0 3 | 1 45 | 0 53 | 0 36 | 1 4 | 22 9 | 0 17 | 3 0 | 0 45 | 3 9 | 1 2 | 21 12 | 1 57 | 18 50 | 19 9 | 0 6 | 11 44 | 6 38 |
| F 12 | 4 13 | 14 38 | 1 2 | 5 57 | 2 26 | 16 31 | 0n 1 | 1 30 | 0 53 | 0 31 | 1 4 | 22 9 | 0 17 | 2 59 | 0 45 | 3 8 | 1 2 | 21 12 | 1 57 | 18 49 | 19 8 | 0 3 | 11 42 | 6 38 |
| S 13 | 3 51 | 18 55 | 0s 2 | 6 25 | 2 7 | 16 13 | 0 4 | 1 14 | 0 52 | 0 26 | 1 4 | 22 9 | 0 17 | 2 58 | 0 45 | 3 7 | 1 2 | 21 11 | 1 57 | 18 49 | 19 7 | 0s 1 | 11 40 | 6 39 |
| S 14 | 3 28 | 22 29 | 1 6 | 6 49 | 1 47 | 15 55 | 0 7 | 0 59 | 0 52 | 0 21 | 1 4 | 22 9 | 0 17 | 2 57 | 0 45 | 3 6 | 1 2 | 21 11 | 1 58 | 18 49 | 19 7 | 0 4 | 11 38 | 6 39 |
| M15 | 3 5 | 25 6 | 2 9 | 7 10 | 1 28 | 15 37 | 0 10 | 0 43 | 0 51 | 0 16 | 1 4 | 22 9 | 0 17 | 2 57 | 0 45 | 3 5 | 1 2 | 21 11 | 1 58 | 18 49 | 19 6 | 0 7 | 11 36 | 6 40 |
| T 16 | 2 42 | 26 29 | 3 7 | 7 28 | 1 9 | 15 18 | 0 14 | 0 27 | 0 51 | 0 10 | 1 4 | 22 10 | 0 17 | 2 56 | 0 45 | 3 4 | 1 2 | 21 11 | 1 58 | 18 49 | 19 5 | 0 10 | 11 35 | 6 40 |
| W17 | 2 19 | 26 27 | 3 57 | 7 42 | 0 50 | 14 58 | 0 17 | 0 12 | 0 51 | 0 5 | 1 4 | 22 10 | 0 17 | 2 55 | 0 45 | 3 3 | 1 2 | 21 11 | 1 58 | 18 49 | 19 4 | 0 13 | 11 33 | 6 40 |
| T 18 | 1 56 | 24 50 | 4 36 | 7 52 | 0 32 | 14 38 | 0 20 | 0s 4 | 0 50 | 0 0 | 1 4 | 22 10 | 0 17 | 2 54 | 0 45 | 3 3 | 1 2 | 21 11 | 1 58 | 18 48 | 19 4 | 0 17 | 11 31 | 6 41 |
| F 19 | 1 33 | 21 38 | 5 0 | 7 58 | 0 15 | 14 18 | 0 23 | 0 20 | 0 50 | 0s 5 | 1 4 | 22 10 | 0 17 | 2 53 | 0 45 | 3 2 | 1 2 | 21 10 | 1 58 | 18 46 | 19 3 | 0 20 | 11 29 | 6 41 |
| S 20 | 1 10 | 16 59 | 5 5 | 8 0 | 0n 1 | 13 57 | 0 26 | 0 35 | 0 49 | 0 10 | 1 4 | 22 10 | 0 16 | 2 52 | 0 45 | 3 1 | 1 2 | 21 10 | 1 58 | 18 44 | 19 2 | 0 23 | 11 27 | 6 42 |
| S 21 | 0 46 | 11 12 | 4 49 | 7 57 | 0 17 | 13 36 | 0 29 | 0 51 | 0 49 | 0 15 | 1 4 | 22 10 | 0 16 | 2 51 | 0 45 | 3 0 | 1 2 | 21 10 | 1 58 | 18 42 | 19 1 | 0 26 | 11 25 | 6 42 |
| M22 | 0 23 | 4 39 | 4 13 | 7 51 | 0 31 | 13 14 | 0 32 | 1 7 | 0 49 | 0 20 | 1 4 | 22 10 | 0 16 | 2 50 | 0 45 | 2 59 | 1 2 | 21 10 | 1 58 | 18 40 | 19 0 | 0 29 | 11 24 | 6 43 |
| T 23 | 0 0 | 2n11 | 3 19 | 7 40 | 0 44 | 12 53 | 0 34 | 1 22 | 0 48 | 0 25 | 1 4 | 22 10 | 0 16 | 2 49 | 0 45 | 2 58 | 1 2 | 21 10 | 1 58 | 18 38 | 19 0 | 0 32 | 11 22 | 6 43 |
| W24 | 0s23 | 8 52 | 2 11 | 7 26 | 0 56 | 12 30 | 0 37 | 1 38 | 0 48 | 0 30 | 1 4 | 22 10 | 0 16 | 2 48 | 0 45 | 2 57 | 1 2 | 21 10 | 1 59 | 18 37 | 18 59 | 0 36 | 11 20 | 6 44 |
| T 25 | 0 46 | 14 56 | 0 55 | 7 8 | 1 7 | 12 8 | 0 40 | 1 54 | 0 47 | 0 36 | 1 4 | 22 10 | 0 16 | 2 47 | 0 45 | 2 56 | 1 2 | 21 10 | 1 59 | 18 37 | 18 58 | 0 39 | 11 18 | 6 44 |
| F 26 | 1 10 | 19 59 | 0n23 | 6 46 | 1 17 | 11 45 | 0 43 | 2 9 | 0 47 | 0 41 | 1 4 | 22 10 | 0 16 | 2 46 | 0 45 | 2 56 | 1 2 | 21 9 | 1 59 | 18 37 | 18 57 | 0 42 | 11 16 | 6 45 |
| S 27 | 1 33 | 23 45 | 1 37 | 6 21 | 1 25 | 11 21 | 0 45 | 2 25 | 0 47 | 0 46 | 1 4 | 22 10 | 0 16 | 2 45 | 0 45 | 2 55 | 1 2 | 21 9 | 1 59 | 18 37 | 18 57 | 0 45 | 11 15 | 6 45 |
| S 28 | 1 56 | 26 2 | 2 43 | 5 52 | 1 32 | 10 58 | 0 48 | 2 40 | 0 46 | 0 51 | 1 4 | 22 11 | 0 16 | 2 45 | 0 45 | 2 54 | 1 2 | 21 9 | 1 59 | 18 37 | 18 56 | 0 48 | 11 13 | 6 46 |
| M29 | 2 19 | 26 45 | 3 39 | 5 21 | 1 38 | 10 34 | 0 50 | 2 56 | 0 46 | 0 56 | 1 4 | 22 11 | 0 15 | 2 44 | 0 45 | 2 53 | 1 2 | 21 9 | 1 59 | 18 37 | 18 55 | 0 52 | 11 11 | 6 46 |
| T 30 | 2s42 | 25n59 | 4n22 | 4n48 | 1n43 | 10n 9 | 0n53 | 3s12 | 0n45 | 1s 1 | 1n 4 | 22s11 | 0n15 | 2n43 | 0s45 | 2n52 | 1n 2 | 21n 9 | 1n59 | 18n37 | 18n54 | 0s55 | 11n 9 | 6s47 |

Julian Day Number = 2609207.5, Delta T = 10m12s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'32, Lahiri = 29°53'33


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## OCTOBER 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 38 39 | 7♎48'46 | 4♌ 2 | 23♍32 | 7♍ 5 | 10♎30 | 5♎15 | 16♑ 0 | 8°R34 | 25♍12 | 3♌59 | 23°R29 | 24♉40 | 10♎46 | 10♌ 7 | W 1 |
| T 2 | 0 42 36 | 8°47'33 | 16°21 | 25°14 | 8°18 | 11° 9 | 5°28 | 16° 2 | 8♈32 | 25°14 | 4° 0 | 23♉24 | 24°37 | 10°53 | 10°12 | T 2 |
| F 3 | 0 46 33 | 9°46'21 | 28°30 | 26°58 | 9°31 | 11°47 | 5°41 | 16° 3 | 8°30 | 25°17 | 4° 0 | 23°17 | 24°34 | 11° 0 | 10°16 | F 3 |
| S 4 | 0 50 29 | 10°45'11 | 10♍30 | 28°44 | 10°44 | 12°26 | 5°54 | 16° 4 | 8°27 | 25°19 | 4° 1 | 23°10 | 24°30 | 11° 6 | 10°21 | S 4 |
| S 5 | 0 54 26 | 11°44'04 | 22°25 | 0♎30 | 11°57 | 13° 5 | 6° 7 | 16° 6 | 8°25 | 25°21 | 4° 2 | 23° 2 | 24°27 | 11°13 | 10°25 | S 5 |
| M 6 | 0 58 22 | 12°42'58 | 4♎17 | 2°18 | 13°10 | 13°44 | 6°20 | 16° 7 | 8°22 | 25°23 | 4° 3 | 22°54 | 24°24 | 11°20 | 10°30 | M 6 |
| T 7 | 1 2 19 | 13°41'55 | 16° 6 | 4° 6 | 14°23 | 14°23 | 6°32 | 16° 9 | 8°20 | 25°25 | 4° 3 | 22°48 | 24°21 | 11°26 | 10°34 | T 7 |
| W 8 | 1 6 15 | 14°40'53 | 27°55 | 5°54 | 15°36 | 15° 3 | 6°45 | 16°10 | 8°18 | 25°27 | 4° 4 | 22°43 | 24°18 | 11°33 | 10°39 | W 8 |
| T 9 | 1 10 12 | 15°39'54 | 9♏47 | 7°42 | 16°50 | 15°42 | 6°58 | 16°12 | 8°15 | 25°29 | 4° 5 | 22°40 | 24°15 | 11°40 | 10°43 | T 9 |
| F 10 | 1 14 8 | 16°38'56 | 21°42 | 9°31 | 18° 3 | 16°21 | 7°11 | 16°14 | 8°13 | 25°32 | 4° 5 | 22°D39 | 24°11 | 11°46 | 10°47 | F 10 |
| S 11 | 1 18 5 | 17°38'01 | 3♐45 | 11°19 | 19°16 | 17° 0 | 7°24 | 16°16 | 8°10 | 25°34 | 4° 6 | 22°40 | 24° 8 | 11°53 | 10°51 | S 11 |
| S 12 | 1 22 2 | 18°37'07 | 15°58 | 13° 6 | 20°30 | 17°39 | 7°37 | 16°18 | 8° 8 | 25°36 | 4° 7 | 22°41 | 24° 5 | 12° 0 | 10°55 | S 12 |
| M13 | 1 25 58 | 19°36'15 | 28°25 | 14°54 | 21°43 | 18°18 | 7°50 | 16°20 | 8° 6 | 25°38 | 4° 7 | 22°43 | 24° 2 | 12° 6 | 10°59 | M13 |
| T 14 | 1 29 55 | 20°35'25 | 11♑11 | 16°40 | 22°57 | 18°58 | 8° 3 | 16°22 | 8° 3 | 25°40 | 4° 8 | 22°44 | 23°59 | 12°13 | 11° 3 | T 14 |
| W15 | 1 33 51 | 21°34'36 | 24°18 | 18°26 | 24°10 | 19°37 | 8°15 | 16°25 | 8° 1 | 25°42 | 4° 8 | 22°R45 | 23°56 | 12°20 | 11° 7 | W15 |
| T 16 | 1 37 48 | 22°33'49 | 7♒52 | 20°12 | 25°24 | 20°16 | 8°28 | 16°27 | 7°59 | 25°44 | 4° 9 | 22°44 | 23°52 | 12°27 | 11°11 | T 16 |
| F 17 | 1 41 44 | 23°33'04 | 21°52 | 21°57 | 26°37 | 20°55 | 8°41 | 16°30 | 7°56 | 25°46 | 4° 9 | 22°41 | 23°49 | 12°33 | 11°14 | F 17 |
| S 18 | 1 45 41 | 24°32'21 | 6♓18 | 23°41 | 27°51 | 21°35 | 8°54 | 16°32 | 7°54 | 25°48 | 4°10 | 22°38 | 23°46 | 12°40 | 11°18 | S 18 |
| S 19 | 1 49 37 | 25°31'39 | 21° 7 | 25°24 | 29° 5 | 22°14 | 9° 6 | 16°35 | 7°52 | 25°50 | 4°10 | 22°34 | 23°43 | 12°47 | 11°22 | S 19 |
| M20 | 1 53 34 | 26°30'59 | 6♈13 | 27° 7 | 0♎19 | 22°54 | 9°19 | 16°38 | 7°50 | 25°52 | 4°11 | 22°31 | 23°40 | 12°53 | 11°25 | M20 |
| T 21 | 1 57 30 | 27°30'21 | 21°27 | 28°49 | 1°33 | 23°33 | 9°32 | 16°41 | 7°47 | 25°54 | 4°11 | 22°28 | 23°36 | 13° 0 | 11°28 | T 21 |
| W22 | 2 1 27 | 28°29'45 | 6♉38 | 0♏30 | 2°47 | 24°13 | 9°44 | 16°44 | 7°45 | 25°56 | 4°11 | 22°26 | 23°33 | 13° 7 | 11°31 | W22 |
| T 23 | 2 5 24 | 29°29'11 | 21°36 | 2°11 | 4° 1 | 24°52 | 9°57 | 16°47 | 7°43 | 25°58 | 4°12 | 22°D25 | 23°30 | 13°13 | 11°35 | T 23 |
| F 24 | 2 9 20 | 0♏28'39 | 6♊15 | 3°51 | 5°15 | 25°32 | 10° 9 | 16°50 | 7°41 | 26° 0 | 4°12 | 22°25 | 23°27 | 13°20 | 11°38 | F 24 |
| S 25 | 2 13 17 | 1°28'10 | 20°29 | 5°30 | 6°29 | 26°11 | 10°22 | 16°53 | 7°39 | 26° 2 | 4°12 | 22°27 | 23°24 | 13°27 | 11°41 | S 25 |
| S 26 | 2 17 13 | 2°27'43 | 4♋16 | 7° 9 | 7°43 | 26°51 | 10°34 | 16°57 | 7°36 | 26° 3 | 4°13 | 22°28 | 23°21 | 13°33 | 11°44 | S 26 |
| M27 | 2 21 10 | 3°27'18 | 17°35 | 8°47 | 8°57 | 27°30 | 10°47 | 17° 0 | 7°34 | 26° 5 | 4°13 | 22°29 | 23°17 | 13°40 | 11°46 | M27 |
| T 28 | 2 25 6 | 4°26'55 | 0♌31 | 10°24 | 10°11 | 28°10 | 10°59 | 17° 4 | 7°32 | 26° 7 | 4°13 | 22°R30 | 23°14 | 13°47 | 11°49 | T 28 |
| W29 | 2 29 3 | 5°26'35 | 13° 5 | 12° 1 | 11°26 | 28°50 | 11°12 | 17° 7 | 7°30 | 26° 9 | 4°13 | 22°30 | 23°11 | 13°53 | 11°52 | W29 |
| T 30 | 2 33 0 | 6°26'16 | 25°22 | 13°37 | 12°40 | 29°30 | 11°24 | 17°11 | 7°28 | 26°11 | 4°13 | 22°29 | 23° 8 | 14° 0 | 11°54 | T 30 |
| F 31 | 2 36 56 | 7♏26'00 | 7♍27 | 15♏13 | 13♎54 | 0♏ 9 | 11♎36 | 17♑15 | 7♈26 | 26♍13 | 4♌13 | 22♉27 | 23♉ 5 | 14♎ 7 | 11♌57 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s 6 | 23n55 | 4n51 | 4n12 | 1n47 | 9n45 | 0n55 | 3s27 | 0n45 | 1s 6 | 1n 4 | 22s11 | 0n15 | 2n42 | 0s45 | 2n51 | 1n 2 | 21n 9 | 1n59 | 18n36 | 18n54 | 0s58 | 11n 8 | 6s47 |
| T 2 | 3 29 | 20 46 | 5 6 | 3 34 | 1 50 | 9 20 | 0 58 | 3 43 | 0 45 | 1 11 | 1 4 | 22 10 | 0 15 | 2 41 | 0 45 | 2 50 | 1 2 | 21 9 | 1 59 | 18 35 | 18 53 | 1 1 | 11 6 | 6 48 |
| F 3 | 3 52 | 16 46 | 5 7 | 2 54 | 1 51 | 8 55 | 1 0 | 3 58 | 0 44 | 1 16 | 1 4 | 22 10 | 0 15 | 2 40 | 0 45 | 2 50 | 1 2 | 21 9 | 2 0 | 18 33 | 18 52 | 1 4 | 11 4 | 6 48 |
| S 4 | 4 15 | 12 9 | 4 55 | 2 14 | 1 52 | 8 29 | 1 2 | 4 14 | 0 44 | 1 21 | 1 4 | 22 10 | 0 15 | 2 39 | 0 45 | 2 49 | 1 2 | 21 9 | 2 0 | 18 31 | 18 51 | 1 7 | 11 2 | 6 49 |
| S 5 | 4 38 | 7 7 | 4 29 | 1 31 | 1 53 | 8 3 | 1 4 | 4 30 | 0 43 | 1 27 | 1 4 | 22 10 | 0 15 | 2 38 | 0 45 | 2 48 | 1 2 | 21 9 | 2 0 | 18 29 | 18 50 | 1 11 | 11 1 | 6 49 |
| M 6 | 5 1 | 1 52 | 3 52 | 0 48 | 1 52 | 7 37 | 1 6 | 4 45 | 0 43 | 1 32 | 1 4 | 22 10 | 0 15 | 2 37 | 0 45 | 2 47 | 1 2 | 21 9 | 2 0 | 18 27 | 18 50 | 1 14 | 10 59 | 6 50 |
| T 7 | 5 24 | 3s28 | 3 6 | 0 4 | 1 51 | 7 11 | 1 8 | 5 1 | 0 42 | 1 37 | 1 4 | 22 10 | 0 15 | 2 36 | 0 45 | 2 46 | 1 2 | 21 8 | 2 0 | 18 26 | 18 49 | 1 17 | 10 57 | 6 50 |
| W 8 | 5 46 | 8 41 | 2 11 | 0s40 | 1 49 | 6 45 | 1 10 | 5 16 | 0 42 | 1 42 | 1 4 | 22 10 | 0 15 | 2 35 | 0 45 | 2 45 | 1 2 | 21 8 | 2 0 | 18 25 | 18 48 | 1 20 | 10 56 | 6 51 |
| T 9 | 6 9 | 13 36 | 1 10 | 1 25 | 1 46 | 6 18 | 1 12 | 5 31 | 0 42 | 1 47 | 1 4 | 22 10 | 0 14 | 2 34 | 0 45 | 2 45 | 1 2 | 21 8 | 2 0 | 18 24 | 18 47 | 1 23 | 10 54 | 6 51 |
| F 10 | 6 32 | 18 4 | 0 5 | 2 11 | 1 43 | 5 51 | 1 14 | 5 47 | 0 41 | 1 52 | 1 4 | 22 10 | 0 14 | 2 33 | 0 45 | 2 44 | 1 2 | 21 8 | 2 0 | 18 24 | 18 47 | 1 27 | 10 52 | 6 52 |
| S 11 | 6 54 | 21 50 | 1s 0 | 2 56 | 1 40 | 5 24 | 1 16 | 6 2 | 0 41 | 1 57 | 1 4 | 22 10 | 0 14 | 2 32 | 0 45 | 2 43 | 1 2 | 21 8 | 2 0 | 18 24 | 18 46 | 1 30 | 10 51 | 6 53 |
| S 12 | 7 17 | 24 42 | 2 4 | 3 42 | 1 36 | 4 57 | 1 18 | 6 18 | 0 40 | 2 2 | 1 4 | 22 10 | 0 14 | 2 31 | 0 45 | 2 42 | 1 2 | 21 8 | 2 1 | 18 24 | 18 45 | 1 33 | 10 49 | 6 53 |
| M13 | 7 39 | 26 26 | 3 3 | 4 27 | 1 31 | 4 29 | 1 19 | 6 33 | 0 40 | 2 7 | 1 4 | 22 9 | 0 14 | 2 31 | 0 45 | 2 41 | 1 2 | 21 8 | 2 1 | 18 25 | 18 44 | 1 36 | 10 47 | 6 54 |
| T 14 | 8 1 | 26 49 | 3 55 | 5 12 | 1 27 | 4 2 | 1 21 | 6 48 | 0 39 | 2 12 | 1 4 | 22 9 | 0 14 | 2 30 | 0 45 | 2 41 | 1 2 | 21 8 | 2 1 | 18 25 | 18 43 | 1 39 | 10 46 | 6 54 |
| W15 | 8 24 | 25 44 | 4 36 | 5 57 | 1 22 | 3 34 | 1 22 | 7 3 | 0 39 | 2 17 | 1 4 | 22 9 | 0 14 | 2 29 | 0 45 | 2 40 | 1 3 | 21 8 | 2 1 | 18 25 | 18 43 | 1 43 | 10 44 | 6 55 |
| T 16 | 8 46 | 23 8 | 5 3 | 6 42 | 1 16 | 3 6 | 1 24 | 7 19 | 0 39 | 2 22 | 1 4 | 22 9 | 0 14 | 2 28 | 0 45 | 2 39 | 1 3 | 21 8 | 2 1 | 18 25 | 18 42 | 1 46 | 10 43 | 6 56 |
| F 17 | 9 8 | 19 8 | 5 13 | 7 26 | 1 11 | 2 38 | 1 25 | 7 34 | 0 38 | 2 27 | 1 4 | 22 9 | 0 14 | 2 27 | 0 45 | 2 38 | 1 3 | 21 8 | 2 1 | 18 24 | 18 41 | 1 49 | 10 41 | 6 56 |
| S 18 | 9 29 | 13 54 | 5 5 | 8 10 | 1 5 | 2 10 | 1 26 | 7 49 | 0 38 | 2 32 | 1 5 | 22 8 | 0 14 | 2 26 | 0 45 | 2 37 | 1 3 | 21 8 | 2 1 | 18 23 | 18 40 | 1 52 | 10 40 | 6 57 |
| S 19 | 9 51 | 7 44 | 4 36 | 8 53 | 0 59 | 1 42 | 1 27 | 8 4 | 0 37 | 2 37 | 1 5 | 22 8 | 0 13 | 2 25 | 0 45 | 2 37 | 1 3 | 21 8 | 2 1 | 18 22 | 18 40 | 1 55 | 10 38 | 6 57 |
| M20 | 10 12 | 1 1 | 3 47 | 9 36 | 0 53 | 1 14 | 1 28 | 8 19 | 0 37 | 2 42 | 1 5 | 22 8 | 0 13 | 2 24 | 0 45 | 2 36 | 1 3 | 21 8 | 2 2 | 18 21 | 18 39 | 1 59 | 10 37 | 6 58 |
| T 21 | 10 34 | 5n50 | 2 42 | 10 19 | 0 46 | 0 45 | 1 29 | 8 34 | 0 36 | 2 46 | 1 5 | 22 8 | 0 13 | 2 23 | 0 45 | 2 35 | 1 3 | 21 8 | 2 2 | 18 21 | 18 38 | 2 2 | 10 35 | 6 59 |
| W22 | 10 55 | 12 21 | 1 26 | 11 0 | 0 40 | 0 17 | 1 30 | 8 49 | 0 36 | 2 51 | 1 5 | 22 7 | 0 13 | 2 23 | 0 45 | 2 34 | 1 3 | 21 8 | 2 2 | 18 20 | 18 37 | 2 5 | 10 34 | 6 59 |
| T 23 | 11 16 | 18 3 | 0 4 | 11 41 | 0 33 | 0s12 | 1 31 | 9 4 | 0 35 | 2 56 | 1 5 | 22 7 | 0 13 | 2 22 | 0 45 | 2 34 | 1 3 | 21 8 | 2 2 | 18 20 | 18 36 | 2 8 | 10 32 | 7 0 |
| F 24 | 11 37 | 22 33 | 1n16 | 12 21 | 0 27 | 0 40 | 1 32 | 9 18 | 0 35 | 3 1 | 1 5 | 22 7 | 0 13 | 2 21 | 0 45 | 2 33 | 1 3 | 21 8 | 2 2 | 18 20 | 18 36 | 2 11 | 10 31 | 7 1 |
| S 25 | 11 57 | 25 31 | 2 29 | 13 1 | 0 20 | 1 9 | 1 33 | 9 33 | 0 34 | 3 6 | 1 5 | 22 6 | 0 13 | 2 20 | 0 45 | 2 32 | 1 3 | 21 8 | 2 2 | 18 20 | 18 35 | 2 15 | 10 29 | 7 1 |
| S 26 | 12 18 | 26 50 | 3 31 | 13 40 | 0 13 | 1 37 | 1 33 | 9 48 | 0 34 | 3 11 | 1 5 | 22 6 | 0 13 | 2 19 | 0 45 | 2 31 | 1 3 | 21 8 | 2 2 | 18 21 | 18 34 | 2 18 | 10 28 | 7 2 |
| M27 | 12 38 | 26 31 | 4 19 | 14 18 | 0 6 | 2 6 | 1 34 | 10 3 | 0 33 | 3 15 | 1 5 | 22 6 | 0 13 | 2 18 | 0 45 | 2 31 | 1 3 | 21 8 | 2 2 | 18 21 | 18 33 | 2 21 | 10 27 | 7 2 |
| T 28 | 12 58 | 24 46 | 4 53 | 14 55 | 0s 0 | 2 35 | 1 34 | 10 17 | 0 33 | 3 20 | 1 5 | 22 5 | 0 13 | 2 18 | 0 45 | 2 30 | 1 3 | 21 9 | 2 2 | 18 21 | 18 32 | 2 24 | 10 25 | 7 3 |
| W29 | 13 18 | 21 50 | 5 12 | 15 31 | 0 7 | 3 3 | 1 35 | 10 32 | 0 33 | 3 25 | 1 5 | 22 5 | 0 12 | 2 17 | 0 45 | 2 29 | 1 3 | 21 9 | 2 3 | 18 21 | 18 32 | 2 27 | 10 24 | 7 4 |
| T 30 | 13 38 | 17 59 | 5 16 | 16 7 | 0 14 | 3 32 | 1 35 | 10 46 | 0 32 | 3 30 | 1 5 | 22 5 | 0 12 | 2 16 | 0 45 | 2 29 | 1 3 | 21 9 | 2 3 | 18 21 | 18 31 | 2 31 | 10 23 | 7 4 |
| F 31 | 13s58 | 13n29 | 5n 5 | 16s42 | 0s21 | 4s 0 | 1n35 | 11s 0 | 0n32 | 3s34 | 1n 5 | 22s 4 | 0n12 | 2n15 | 0s45 | 2n28 | 1n 3 | 21n 9 | 2n 3 | 18n21 | 18n30 | 2s34 | 10n21 | 7s 5 |

Julian Day Number = 2609237.5, Delta T = 10m12s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'36, Lahiri = 29°53'37


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## NOVEMBER 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 40 53 | 8♏25'46 | 19♍23 | 16♏48 | 15♎ 9 | 0♏49 | 11♎49 | 17♑18 | 7°R24 | 26♍14 | 4♌14 | 22°R25 | 23♉ 2 | 14♎13 | 11♌59 | S 1 |
| S 2 | 2 44 49 | 9°25'34 | 1♎14 | 18°22 | 16°23 | 1°29 | 12° 1 | 17°22 | 7♈22 | 26°16 | 4°14 | 22♉23 | 22°58 | 14°20 | 12° 1 | S 2 |
| M 3 | 2 48 46 | 10°25'24 | 13° 3 | 19°56 | 17°38 | 2° 9 | 12°13 | 17°26 | 7°20 | 26°18 | 4°14 | 22°21 | 22°55 | 14°27 | 12° 3 | M 3 |
| T 4 | 2 52 42 | 11°25'17 | 24°52 | 21°30 | 18°52 | 2°49 | 12°25 | 17°30 | 7°18 | 26°20 | 4°14 | 22°20 | 22°52 | 14°33 | 12° 5 | T 4 |
| W 5 | 2 56 39 | 12°25'11 | 6♏46 | 23° 3 | 20° 7 | 3°29 | 12°37 | 17°35 | 7°17 | 26°21 | 4°R14 | 22°19 | 22°49 | 14°40 | 12° 7 | W 5 |
| T 6 | 3 0 35 | 13°25'07 | 18°44 | 24°35 | 21°21 | 4° 9 | 12°49 | 17°39 | 7°15 | 26°23 | 4°14 | 22°D18 | 22°46 | 14°47 | 12° 9 | T 6 |
| F 7 | 3 4 32 | 14°25'06 | 0♐50 | 26° 7 | 22°36 | 4°49 | 13° 1 | 17°43 | 7°13 | 26°25 | 4°14 | 22°18 | 22°42 | 14°53 | 12°11 | F 7 |
| S 8 | 3 8 28 | 15°25'06 | 13° 4 | 27°39 | 23°51 | 5°29 | 13°13 | 17°48 | 7°11 | 26°26 | 4°14 | 22°19 | 22°39 | 15° 0 | 12°13 | S 8 |
| S 9 | 3 12 25 | 16°25'07 | 25°30 | 29°10 | 25° 5 | 6° 9 | 13°25 | 17°52 | 7°10 | 26°28 | 4°13 | 22°19 | 22°36 | 15° 7 | 12°14 | S 9 |
| M10 | 3 16 22 | 17°25'11 | 8♑ 8 | 0♐41 | 26°20 | 6°49 | 13°37 | 17°57 | 7° 8 | 26°29 | 4°13 | 22°20 | 22°33 | 15°13 | 12°16 | M10 |
| T 11 | 3 20 18 | 18°25'16 | 21° 1 | 2°11 | 27°35 | 7°29 | 13°48 | 18° 1 | 7° 6 | 26°31 | 4°13 | 22°21 | 22°30 | 15°20 | 12°17 | T 11 |
| W12 | 3 24 15 | 19°25'23 | 4♒12 | 3°41 | 28°50 | 8° 9 | 14° 0 | 18° 6 | 7° 5 | 26°32 | 4°13 | 22°21 | 22°27 | 15°27 | 12°18 | W12 |
| T 13 | 3 28 11 | 20°25'31 | 17°42 | 5°10 | 0♏ 4 | 8°49 | 14°12 | 18°11 | 7° 3 | 26°34 | 4°13 | 22°R21 | 22°23 | 15°33 | 12°20 | T 13 |
| F 14 | 3 32 8 | 21°25'40 | 1♓32 | 6°39 | 1°19 | 9°30 | 14°23 | 18°15 | 7° 2 | 26°35 | 4°13 | 22°21 | 22°20 | 15°40 | 12°21 | F 14 |
| S 15 | 3 36 4 | 22°25'51 | 15°42 | 8° 7 | 2°34 | 10°10 | 14°35 | 18°20 | 7° 0 | 26°37 | 4°12 | 22°D21 | 22°17 | 15°47 | 12°22 | S 15 |
| S 16 | 3 40 1 | 23°26'04 | 0♈11 | 9°35 | 3°49 | 10°50 | 14°46 | 18°25 | 6°59 | 26°38 | 4°12 | 22°21 | 22°14 | 15°53 | 12°23 | S 16 |
| M17 | 3 43 57 | 24°26'17 | 14°54 | 11° 2 | 5° 4 | 11°30 | 14°58 | 18°30 | 6°57 | 26°40 | 4°12 | 22°21 | 22°11 | 16° 0 | 12°23 | M17 |
| T 18 | 3 47 54 | 25°26'33 | 29°48 | 12°29 | 6°19 | 12°11 | 15° 9 | 18°35 | 6°56 | 26°41 | 4°11 | 22°21 | 22° 8 | 16° 7 | 12°24 | T 18 |
| W19 | 3 51 51 | 26°26'50 | 14♉43 | 13°55 | 7°34 | 12°51 | 15°20 | 18°41 | 6°55 | 26°42 | 4°11 | 22°21 | 22° 4 | 16°13 | 12°25 | W19 |
| T 20 | 3 55 47 | 27°27'08 | 29°33 | 15°20 | 8°49 | 13°32 | 15°31 | 18°46 | 6°53 | 26°44 | 4°11 | 22°R21 | 22° 1 | 16°20 | 12°25 | T 20 |
| F 21 | 3 59 44 | 28°27'29 | 14♊10 | 16°45 | 10° 4 | 14°12 | 15°42 | 18°51 | 6°52 | 26°45 | 4°10 | 22°21 | 21°58 | 16°27 | 12°25 | F 21 |
| S 22 | 4 3 40 | 29°27'51 | 28°26 | 18° 9 | 11°19 | 14°52 | 15°54 | 18°56 | 6°51 | 26°46 | 4°10 | 22°21 | 21°55 | 16°34 | 12°26 | S 22 |
| S 23 | 4 7 37 | 0♐28'15 | 12♋19 | 19°32 | 12°34 | 15°33 | 16° 4 | 19° 2 | 6°50 | 26°47 | 4° 9 | 22°20 | 21°52 | 16°40 | 12°26 | S 23 |
| M24 | 4 11 33 | 1°28'40 | 25°46 | 20°55 | 13°49 | 16°14 | 16°15 | 19° 7 | 6°49 | 26°48 | 4° 9 | 22°18 | 21°48 | 16°47 | 12°R26 | M24 |
| T 25 | 4 15 30 | 2°29'08 | 8♌49 | 22°16 | 15° 4 | 16°54 | 16°26 | 19°13 | 6°48 | 26°50 | 4° 9 | 22°17 | 21°45 | 16°54 | 12°26 | T 25 |
| W26 | 4 19 27 | 3°29'37 | 21°28 | 23°36 | 16°19 | 17°35 | 16°37 | 19°18 | 6°47 | 26°51 | 4° 8 | 22°17 | 21°42 | 17° 0 | 12°26 | W26 |
| T 27 | 4 23 23 | 4°30'08 | 3♍48 | 24°55 | 17°34 | 18°16 | 16°47 | 19°24 | 6°46 | 26°52 | 4° 7 | 22°D16 | 21°39 | 17° 7 | 12°26 | T 27 |
| F 28 | 4 27 20 | 5°30'41 | 15°53 | 26°12 | 18°49 | 18°56 | 16°58 | 19°30 | 6°45 | 26°53 | 4° 7 | 22°17 | 21°36 | 17°14 | 12°25 | F 28 |
| S 29 | 4 31 16 | 6°31'15 | 27°48 | 27°28 | 20° 5 | 19°37 | 17° 8 | 19°35 | 6°44 | 26°54 | 4° 6 | 22°17 | 21°33 | 17°20 | 12°25 | S 29 |
| S 30 | 4 35 13 | 7♐31'51 | 9♎37 | 28♐41 | 21♏20 | 20♏18 | 17♎19 | 19♑41 | 6♈43 | 26♍55 | 4♌ 6 | 22♉19 | 21♉29 | 17♎27 | 12♌24 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s17 | 8n31 | 4n42 | 17s16 | 0s28 | 4s29 | 1n36 | 11s15 | 0n31 | 3s39 | 1n 6 | 22s 4 | 0n12 | 2n15 | 0s45 | 2n27 | 1n 3 | 21n 9 | 2n 3 | 18n20 | 18n29 | 2s37 | 10n20 | 7s 6 |
| S 2 | 14 36 | 3 17 | 4 7 | 17 49 | 0 34 | 4 57 | 1 36 | 11 29 | 0 31 | 3 44 | 1 6 | 22 4 | 0 12 | 2 14 | 0 45 | 2 27 | 1 3 | 21 9 | 2 3 | 18 19 | 18 28 | 2 40 | 10 19 | 7 7 |
| M 3 | 14 55 | 2s 3 | 3 21 | 18 21 | 0 41 | 5 26 | 1 36 | 11 43 | 0 30 | 3 48 | 1 6 | 22 3 | 0 12 | 2 13 | 0 45 | 2 26 | 1 3 | 21 9 | 2 3 | 18 19 | 18 28 | 2 43 | 10 17 | 7 7 |
| T 4 | 15 13 | 7 20 | 2 26 | 18 52 | 0 48 | 5 54 | 1 36 | 11 57 | 0 30 | 3 53 | 1 6 | 22 3 | 0 12 | 2 12 | 0 45 | 2 25 | 1 3 | 21 9 | 2 3 | 18 19 | 18 27 | 2 47 | 10 16 | 7 8 |
| W 5 | 15 32 | 12 24 | 1 25 | 19 22 | 0 54 | 6 22 | 1 36 | 12 11 | 0 29 | 3 58 | 1 6 | 22 2 | 0 12 | 2 12 | 0 45 | 2 25 | 1 3 | 21 9 | 2 3 | 18 18 | 18 26 | 2 50 | 10 15 | 7 9 |
| T 6 | 15 50 | 17 2 | 0 20 | 19 51 | 1 1 | 6 50 | 1 36 | 12 25 | 0 29 | 4 2 | 1 6 | 22 2 | 0 12 | 2 11 | 0 45 | 2 24 | 1 3 | 21 9 | 2 4 | 18 18 | 18 25 | 2 53 | 10 14 | 7 9 |
| F 7 | 16 8 | 21 3 | 0s47 | 20 20 | 1 7 | 7 18 | 1 35 | 12 39 | 0 28 | 4 7 | 1 6 | 22 1 | 0 12 | 2 10 | 0 45 | 2 23 | 1 3 | 21 10 | 2 4 | 18 18 | 18 24 | 2 56 | 10 13 | 7 10 |
| S 8 | 16 25 | 24 11 | 1 53 | 20 47 | 1 13 | 7 46 | 1 35 | 12 53 | 0 28 | 4 11 | 1 6 | 22 1 | 0 12 | 2 10 | 0 45 | 2 23 | 1 3 | 21 10 | 2 4 | 18 18 | 18 24 | 2 59 | 10 12 | 7 11 |
| S 9 | 16 43 | 26 12 | 2 54 | 21 13 | 1 19 | 8 13 | 1 35 | 13 7 | 0 27 | 4 16 | 1 6 | 22 0 | 0 11 | 2 9 | 0 45 | 2 22 | 1 3 | 21 10 | 2 4 | 18 19 | 18 23 | 3 3 | 10 11 | 7 11 |
| M10 | 17 0 | 26 56 | 3 48 | 21 38 | 1 25 | 8 41 | 1 34 | 13 20 | 0 27 | 4 20 | 1 6 | 22 0 | 0 11 | 2 8 | 0 45 | 2 22 | 1 3 | 21 10 | 2 4 | 18 19 | 18 22 | 3 6 | 10 9 | 7 12 |
| T 11 | 17 16 | 26 13 | 4 32 | 22 2 | 1 31 | 9 8 | 1 34 | 13 34 | 0 26 | 4 25 | 1 7 | 21 59 | 0 11 | 2 8 | 0 45 | 2 21 | 1 3 | 21 10 | 2 4 | 18 19 | 18 21 | 3 9 | 10 8 | 7 13 |
| W12 | 17 33 | 24 3 | 5 2 | 22 25 | 1 37 | 9 35 | 1 33 | 13 47 | 0 26 | 4 29 | 1 7 | 21 59 | 0 11 | 2 7 | 0 45 | 2 21 | 1 3 | 21 10 | 2 4 | 18 19 | 18 20 | 3 12 | 10 7 | 7 13 |
| T 13 | 17 49 | 20 31 | 5 17 | 22 47 | 1 42 | 10 2 | 1 32 | 14 1 | 0 25 | 4 34 | 1 7 | 21 58 | 0 11 | 2 7 | 0 45 | 2 20 | 1 3 | 21 10 | 2 4 | 18 19 | 18 20 | 3 15 | 10 6 | 7 14 |
| F 14 | 18 5 | 15 47 | 5 14 | 23 8 | 1 48 | 10 28 | 1 32 | 14 14 | 0 25 | 4 38 | 1 7 | 21 58 | 0 11 | 2 6 | 0 45 | 2 19 | 1 3 | 21 11 | 2 4 | 18 19 | 18 19 | 3 19 | 10 5 | 7 15 |
| S 15 | 18 20 | 10 7 | 4 52 | 23 28 | 1 53 | 10 55 | 1 31 | 14 27 | 0 24 | 4 42 | 1 7 | 21 57 | 0 11 | 2 5 | 0 45 | 2 19 | 1 3 | 21 11 | 2 5 | 18 19 | 18 18 | 3 22 | 10 5 | 7 16 |
| S 16 | 18 35 | 3 46 | 4 11 | 23 46 | 1 58 | 11 21 | 1 30 | 14 40 | 0 24 | 4 47 | 1 7 | 21 57 | 0 11 | 2 5 | 0 45 | 2 18 | 1 4 | 21 11 | 2 5 | 18 19 | 18 17 | 3 25 | 10 4 | 7 16 |
| M17 | 18 50 | 2n53 | 3 13 | 24 4 | 2 2 | 11 47 | 1 29 | 14 53 | 0 23 | 4 51 | 1 7 | 21 56 | 0 11 | 2 4 | 0 45 | 2 18 | 1 4 | 21 11 | 2 5 | 18 19 | 18 16 | 3 28 | 10 3 | 7 17 |
| T 18 | 19 5 | 9 28 | 2 2 | 24 20 | 2 7 | 12 13 | 1 28 | 15 6 | 0 23 | 4 55 | 1 7 | 21 55 | 0 11 | 2 4 | 0 45 | 2 17 | 1 4 | 21 11 | 2 5 | 18 19 | 18 15 | 3 31 | 10 2 | 7 18 |
| W19 | 19 19 | 15 33 | 0 42 | 24 35 | 2 11 | 12 38 | 1 27 | 15 19 | 0 22 | 4 59 | 1 7 | 21 55 | 0 11 | 2 3 | 0 44 | 2 17 | 1 4 | 21 12 | 2 5 | 18 19 | 18 15 | 3 35 | 10 1 | 7 18 |
| T 20 | 19 33 | 20 39 | 0n40 | 24 48 | 2 14 | 13 3 | 1 26 | 15 31 | 0 21 | 5 3 | 1 8 | 21 54 | 0 10 | 2 3 | 0 44 | 2 16 | 1 4 | 21 12 | 2 5 | 18 19 | 18 14 | 3 38 | 10 0 | 7 19 |
| F 21 | 19 46 | 24 24 | 1 58 | 25 1 | 2 18 | 13 28 | 1 25 | 15 44 | 0 21 | 5 8 | 1 8 | 21 53 | 0 10 | 2 2 | 0 44 | 2 16 | 1 4 | 21 12 | 2 5 | 18 19 | 18 13 | 3 41 | 9 59 | 7 20 |
| S 22 | 19 59 | 26 30 | 3 7 | 25 12 | 2 21 | 13 52 | 1 23 | 15 56 | 0 20 | 5 12 | 1 8 | 21 53 | 0 10 | 2 2 | 0 44 | 2 15 | 1 4 | 21 12 | 2 5 | 18 19 | 18 12 | 3 44 | 9 59 | 7 20 |
| S 23 | 20 12 | 26 51 | 4 3 | 25 22 | 2 24 | 14 16 | 1 22 | 16 9 | 0 20 | 5 16 | 1 8 | 21 52 | 0 10 | 2 2 | 0 44 | 2 15 | 1 4 | 21 12 | 2 6 | 18 19 | 18 11 | 3 48 | 9 58 | 7 21 |
| M24 | 20 25 | 25 35 | 4 44 | 25 31 | 2 26 | 14 40 | 1 21 | 16 21 | 0 19 | 5 20 | 1 8 | 21 51 | 0 10 | 2 1 | 0 44 | 2 15 | 1 4 | 21 13 | 2 6 | 18 18 | 18 11 | 3 51 | 9 57 | 7 22 |
| T 25 | 20 37 | 22 58 | 5 8 | 25 38 | 2 29 | 15 3 | 1 19 | 16 33 | 0 19 | 5 24 | 1 8 | 21 51 | 0 10 | 2 1 | 0 44 | 2 14 | 1 4 | 21 13 | 2 6 | 18 18 | 18 10 | 3 54 | 9 57 | 7 23 |
| W26 | 20 48 | 19 19 | 5 17 | 25 44 | 2 30 | 15 26 | 1 18 | 16 45 | 0 18 | 5 28 | 1 8 | 21 50 | 0 10 | 2 0 | 0 44 | 2 14 | 1 4 | 21 13 | 2 6 | 18 18 | 18 9 | 3 57 | 9 56 | 7 23 |
| T 27 | 21 0 | 14 55 | 5 11 | 25 48 | 2 31 | 15 49 | 1 16 | 16 57 | 0 18 | 5 32 | 1 9 | 21 49 | 0 10 | 2 0 | 0 44 | 2 13 | 1 4 | 21 13 | 2 6 | 18 18 | 18 8 | 4 0 | 9 55 | 7 24 |
| F 28 | 21 10 | 10 1 | 4 51 | 25 52 | 2 32 | 16 11 | 1 15 | 17 8 | 0 17 | 5 36 | 1 9 | 21 49 | 0 10 | 2 0 | 0 44 | 2 13 | 1 4 | 21 14 | 2 6 | 18 18 | 18 7 | 4 4 | 9 55 | 7 25 |
| S 29 | 21 21 | 4 49 | 4 18 | 25 54 | 2 32 | 16 33 | 1 13 | 17 20 | 0 17 | 5 39 | 1 9 | 21 48 | 0 10 | 1 59 | 0 44 | 2 13 | 1 4 | 21 14 | 2 6 | 18 18 | 18 6 | 4 7 | 9 54 | 7 25 |
| S 30 | 21s31 | 0s30 | 3n35 | 25s54 | 2s32 | 16s54 | 1n12 | 17s31 | 0n16 | 5s43 | 1n 9 | 21s47 | 0n10 | 1n59 | 0s44 | 2n12 | 1n 4 | 21n14 | 2n 6 | 18n18 | 18n 6 | 4s10 | 9n54 | 7s26 |

Julian Day Number = 2609268.5, Delta T = 10m12s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'40, Lahiri = 29°53'42


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# ASTRODIENST EPHEMERIS for the year 2431
# geocentric

## DECEMBER 2431 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 39 9 | 8♐32'29 | 21♎26 | 29♐53 | 22♏35 | 20♏59 | 17♎29 | 19♑47 | 6°R42 | 26♍56 | 4°R 5 | 22♉20 | 21♉26 | 17♎34 | 12°R24 | M 1 |
| T 2 | 4 43 6 | 9°33'08 | 3♏18 | 1♑ 2 | 23°50 | 21°39 | 17°39 | 19°53 | 6♈41 | 26°57 | 4♌ 4 | 22°22 | 21°23 | 17°40 | 12♌23 | T 2 |
| W 3 | 4 47 2 | 10°33'49 | 15°16 | 2° 9 | 25° 6 | 22°20 | 17°49 | 19°59 | 6°41 | 26°58 | 4° 4 | 22°22 | 21°20 | 17°47 | 12°22 | W 3 |
| T 4 | 4 50 59 | 11°34'31 | 27°24 | 3°12 | 26°21 | 23° 1 | 17°59 | 20° 5 | 6°40 | 26°59 | 4° 3 | 22°R23 | 21°17 | 17°54 | 12°21 | T 4 |
| F 5 | 4 54 56 | 12°35'15 | 9♐43 | 4°11 | 27°36 | 23°42 | 18° 9 | 20°11 | 6°39 | 26°59 | 4° 2 | 22°22 | 21°14 | 18° 0 | 12°20 | F 5 |
| S 6 | 4 58 52 | 13°36'00 | 22°15 | 5° 7 | 28°51 | 24°23 | 18°19 | 20°17 | 6°39 | 27° 0 | 4° 2 | 22°20 | 21°10 | 18° 7 | 12°19 | S 6 |
| S 7 | 5 2 49 | 14°36'47 | 5♑ 1 | 5°58 | 0♐ 7 | 25° 4 | 18°29 | 20°23 | 6°38 | 27° 1 | 4° 1 | 22°16 | 21° 7 | 18°14 | 12°18 | S 7 |
| M 8 | 5 6 45 | 15°37'34 | 18° 0 | 6°43 | 1°22 | 25°45 | 18°38 | 20°30 | 6°38 | 27° 2 | 4° 0 | 22°13 | 21° 4 | 18°20 | 12°16 | M 8 |
| T 9 | 5 10 42 | 16°38'22 | 1♒12 | 7°22 | 2°37 | 26°26 | 18°48 | 20°36 | 6°38 | 27° 3 | 3°59 | 22° 9 | 21° 1 | 18°27 | 12°15 | T 9 |
| W10 | 5 14 38 | 17°39'12 | 14°37 | 7°54 | 3°53 | 27° 8 | 18°57 | 20°42 | 6°37 | 27° 3 | 3°58 | 22° 5 | 20°58 | 18°34 | 12°13 | W10 |
| T 11 | 5 18 35 | 18°40'02 | 28°15 | 8°19 | 5° 8 | 27°49 | 19° 7 | 20°48 | 6°37 | 27° 4 | 3°58 | 22° 3 | 20°54 | 18°40 | 12°12 | T 11 |
| F 12 | 5 22 31 | 19°40'53 | 12♓ 4 | 8°35 | 6°23 | 28°30 | 19°16 | 20°55 | 6°37 | 27° 5 | 3°57 | 22° 1 | 20°51 | 18°47 | 12°10 | F 12 |
| S 13 | 5 26 28 | 20°41'45 | 26° 5 | 8°R42 | 7°39 | 29°11 | 19°25 | 21° 1 | 6°37 | 27° 5 | 3°56 | 22°D 1 | 20°48 | 18°54 | 12° 8 | S 13 |
| S 14 | 5 30 25 | 21°42'37 | 10♈16 | 8°39 | 8°54 | 29°52 | 19°34 | 21° 8 | 6°36 | 27° 6 | 3°55 | 22° 2 | 20°45 | 19° 0 | 12° 6 | S 14 |
| M15 | 5 34 21 | 22°43'30 | 24°36 | 8°25 | 10°10 | 0♐34 | 19°43 | 21°14 | 6°36 | 27° 6 | 3°54 | 22° 4 | 20°42 | 19° 7 | 12° 4 | M15 |
| T 16 | 5 38 18 | 23°44'24 | 9♉ 2 | 8° 0 | 11°25 | 1°15 | 19°51 | 21°21 | 6°D36 | 27° 7 | 3°53 | 22° 5 | 20°39 | 19°14 | 12° 2 | T 16 |
| W17 | 5 42 14 | 24°45'19 | 23°31 | 7°23 | 12°40 | 1°57 | 20° 0 | 21°27 | 6°36 | 27° 7 | 3°52 | 22°R 6 | 20°35 | 19°20 | 12° 0 | W17 |
| T 18 | 5 46 11 | 25°46'14 | 7♊57 | 6°35 | 13°56 | 2°38 | 20° 8 | 21°34 | 6°36 | 27° 8 | 3°51 | 22° 5 | 20°32 | 19°27 | 11°58 | T 18 |
| F 19 | 5 50 7 | 26°47'11 | 22°15 | 5°37 | 15°11 | 3°19 | 20°17 | 21°40 | 6°37 | 27° 8 | 3°50 | 22° 2 | 20°29 | 19°34 | 11°55 | F 19 |
| S 20 | 5 54 4 | 27°48'08 | 6♋20 | 4°29 | 16°27 | 4° 1 | 20°25 | 21°47 | 6°37 | 27° 8 | 3°49 | 21°57 | 20°26 | 19°40 | 11°53 | S 20 |
| S 21 | 5 58 1 | 28°49'06 | 20° 7 | 3°14 | 17°42 | 4°42 | 20°33 | 21°54 | 6°37 | 27° 9 | 3°48 | 21°52 | 20°23 | 19°47 | 11°50 | S 21 |
| M22 | 6 1 57 | 29°50'05 | 3♌33 | 1°54 | 18°57 | 5°24 | 20°41 | 22° 0 | 6°37 | 27° 9 | 3°47 | 21°45 | 20°20 | 19°54 | 11°48 | M22 |
| T 23 | 6 5 54 | 0♑51'04 | 16°37 | 0°31 | 20°13 | 6° 6 | 20°49 | 22° 7 | 6°38 | 27° 9 | 3°46 | 21°38 | 20°16 | 20° 0 | 11°45 | T 23 |
| W24 | 6 9 50 | 1°52'05 | 29°20 | 29♐ 8 | 21°28 | 6°47 | 20°57 | 22°14 | 6°38 | 27° 9 | 3°45 | 21°33 | 20°13 | 20° 7 | 11°42 | W24 |
| T 25 | 6 13 47 | 2°53'06 | 11♍43 | 27°49 | 22°44 | 7°29 | 21° 4 | 22°21 | 6°38 | 27° 9 | 3°44 | 21°28 | 20°10 | 20°14 | 11°39 | T 25 |
| F 26 | 6 17 43 | 3°54'08 | 23°50 | 26°35 | 23°59 | 8°11 | 21°12 | 22°28 | 6°39 | 27°10 | 3°43 | 21°26 | 20° 7 | 20°20 | 11°36 | F 26 |
| S 27 | 6 21 40 | 4°55'11 | 5♎46 | 25°28 | 25°15 | 8°52 | 21°19 | 22°34 | 6°39 | 27°10 | 3°42 | 21°D25 | 20° 4 | 20°27 | 11°33 | S 27 |
| S 28 | 6 25 36 | 5°56'15 | 17°35 | 24°31 | 26°30 | 9°34 | 21°26 | 22°41 | 6°40 | 27°10 | 3°40 | 21°26 | 20° 0 | 20°34 | 11°30 | S 28 |
| M29 | 6 29 33 | 6°57'20 | 29°24 | 23°44 | 27°45 | 10°16 | 21°33 | 22°48 | 6°41 | 27°10 | 3°39 | 21°27 | 19°57 | 20°40 | 11°27 | M29 |
| T 30 | 6 33 30 | 7°58'25 | 11♏17 | 23° 8 | 29° 1 | 10°58 | 21°40 | 22°55 | 6°41 | 27°R10 | 3°38 | 21°29 | 19°54 | 20°47 | 11°24 | T 30 |
| W31 | 6 37 26 | 8♑59'32 | 23♏19 | 22♐43 | 0♑16 | 11♐40 | 21♎47 | 23♑ 2 | 6♈42 | 27♍10 | 3♌37 | 21°R29 | 19♉51 | 20♎54 | 11♌21 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s41 | 5s49 | 2n43 | 25s53 | 2s30 | 17s15 | 1n10 | 17s43 | 0n15 | 5s47 | 1n 9 | 21s46 | 0n10 | 1n59 | 0s44 | 2n12 | 1n 4 | 21n14 | 2n 6 | 18n19 | 18n 5 | 4s13 | 9n53 | 7s27 |
| T 2 | 21 50 | 10 58 | 1 44 | 25 51 | 2 29 | 17 35 | 1 8 | 17 54 | 0 15 | 5 51 | 1 9 | 21 46 | 0 9 | 1 59 | 0 44 | 2 12 | 1 4 | 21 15 | 2 7 | 18 19 | 18 4 | 4 16 | 9 53 | 7 27 |
| W 3 | 21 59 | 15 45 | 0 39 | 25 48 | 2 26 | 17 55 | 1 6 | 18 5 | 0 14 | 5 54 | 1 9 | 21 45 | 0 9 | 1 58 | 0 44 | 2 11 | 1 4 | 21 15 | 2 7 | 18 19 | 18 3 | 4 20 | 9 52 | 7 28 |
| T 4 | 22 7 | 19 59 | 0s28 | 25 43 | 2 23 | 18 15 | 1 4 | 18 16 | 0 14 | 5 58 | 1 10 | 21 44 | 0 9 | 1 58 | 0 44 | 2 11 | 1 4 | 21 15 | 2 7 | 18 19 | 18 2 | 4 23 | 9 52 | 7 29 |
| F 5 | 22 15 | 23 25 | 1 34 | 25 38 | 2 18 | 18 34 | 1 2 | 18 27 | 0 13 | 6 2 | 1 10 | 21 43 | 0 9 | 1 58 | 0 44 | 2 11 | 1 4 | 21 15 | 2 7 | 18 19 | 18 1 | 4 26 | 9 52 | 7 29 |
| S 6 | 22 23 | 25 47 | 2 37 | 25 30 | 2 13 | 18 52 | 1 1 | 18 37 | 0 13 | 6 5 | 1 10 | 21 42 | 0 9 | 1 58 | 0 44 | 2 10 | 1 4 | 21 16 | 2 7 | 18 19 | 18 1 | 4 29 | 9 51 | 7 30 |
| S 7 | 22 30 | 26 51 | 3 34 | 25 22 | 2 7 | 19 10 | 0 59 | 18 48 | 0 12 | 6 9 | 1 10 | 21 42 | 0 9 | 1 58 | 0 44 | 2 10 | 1 4 | 21 16 | 2 7 | 18 18 | 18 0 | 4 32 | 9 51 | 7 31 |
| M 8 | 22 37 | 26 28 | 4 20 | 25 13 | 2 0 | 19 28 | 0 57 | 18 58 | 0 12 | 6 12 | 1 10 | 21 41 | 0 9 | 1 57 | 0 44 | 2 10 | 1 4 | 21 16 | 2 7 | 18 17 | 17 59 | 4 36 | 9 51 | 7 31 |
| T 9 | 22 43 | 24 37 | 4 53 | 25 2 | 1 52 | 19 45 | 0 54 | 19 8 | 0 11 | 6 16 | 1 10 | 21 40 | 0 9 | 1 57 | 0 44 | 2 10 | 1 4 | 21 17 | 2 7 | 18 16 | 17 58 | 4 39 | 9 51 | 7 32 |
| W10 | 22 49 | 21 22 | 5 11 | 24 51 | 1 42 | 20 1 | 0 52 | 19 18 | 0 10 | 6 19 | 1 11 | 21 39 | 0 9 | 1 57 | 0 44 | 2 9 | 1 5 | 21 17 | 2 7 | 18 15 | 17 57 | 4 42 | 9 50 | 7 32 |
| T 11 | 22 54 | 16 56 | 5 12 | 24 38 | 1 31 | 20 17 | 0 50 | 19 28 | 0 10 | 6 22 | 1 11 | 21 38 | 0 9 | 1 57 | 0 44 | 2 9 | 1 5 | 21 17 | 2 8 | 18 14 | 17 56 | 4 45 | 9 50 | 7 33 |
| F 12 | 22 59 | 11 34 | 4 55 | 24 25 | 1 19 | 20 32 | 0 48 | 19 38 | 0 9 | 6 26 | 1 11 | 21 37 | 0 9 | 1 57 | 0 44 | 2 9 | 1 5 | 21 17 | 2 8 | 18 14 | 17 56 | 4 48 | 9 50 | 7 34 |
| S 13 | 23 4 | 5 32 | 4 20 | 24 11 | 1 5 | 20 47 | 0 46 | 19 47 | 0 9 | 6 29 | 1 11 | 21 36 | 0 9 | 1 57 | 0 44 | 2 9 | 1 5 | 21 18 | 2 8 | 18 14 | 17 55 | 4 52 | 9 50 | 7 34 |
| S 14 | 23 8 | 0n51 | 3 29 | 23 56 | 0 50 | 21 1 | 0 44 | 19 57 | 0 8 | 6 32 | 1 11 | 21 35 | 0 9 | 1 57 | 0 44 | 2 9 | 1 5 | 21 18 | 2 8 | 18 14 | 17 54 | 4 55 | 9 50 | 7 35 |
| M15 | 23 11 | 7 16 | 2 25 | 23 41 | 0 34 | 21 14 | 0 41 | 20 6 | 0 7 | 6 35 | 1 12 | 21 34 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 18 | 2 8 | 18 15 | 17 53 | 4 58 | 9 50 | 7 36 |
| T 16 | 23 14 | 13 21 | 1 11 | 23 25 | 0 16 | 21 27 | 0 39 | 20 15 | 0 7 | 6 38 | 1 12 | 21 33 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 19 | 2 8 | 18 15 | 17 52 | 5 1 | 9 50 | 7 36 |
| W17 | 23 17 | 18 44 | 0n 8 | 23 8 | 0n 2 | 21 39 | 0 37 | 20 24 | 0 6 | 6 41 | 1 12 | 21 33 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 19 | 2 8 | 18 15 | 17 51 | 5 4 | 9 50 | 7 37 |
| T 18 | 23 19 | 22 59 | 1 26 | 22 51 | 0 22 | 21 51 | 0 35 | 20 33 | 0 6 | 6 44 | 1 12 | 21 32 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 19 | 2 8 | 18 15 | 17 51 | 5 8 | 9 50 | 7 37 |
| F 19 | 23 21 | 25 46 | 2 37 | 22 34 | 0 42 | 22 2 | 0 32 | 20 41 | 0 5 | 6 47 | 1 12 | 21 31 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 20 | 2 8 | 18 14 | 17 50 | 5 11 | 9 50 | 7 38 |
| S 20 | 23 22 | 26 52 | 3 38 | 22 17 | 1 2 | 22 12 | 0 30 | 20 50 | 0 4 | 6 50 | 1 13 | 21 30 | 0 8 | 1 57 | 0 43 | 2 8 | 1 5 | 21 20 | 2 8 | 18 13 | 17 49 | 5 14 | 9 50 | 7 38 |
| S 21 | 23 23 | 26 14 | 4 24 | 21 59 | 1 22 | 22 22 | 0 28 | 20 58 | 0 4 | 6 53 | 1 13 | 21 29 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 20 | 2 9 | 18 11 | 17 48 | 5 17 | 9 50 | 7 39 |
| M22 | 23 23 | 24 5 | 4 55 | 21 42 | 1 41 | 22 31 | 0 25 | 21 6 | 0 3 | 6 56 | 1 13 | 21 28 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 21 | 2 9 | 18 10 | 17 47 | 5 20 | 9 51 | 7 39 |
| T 23 | 23 23 | 20 44 | 5 9 | 21 25 | 1 58 | 22 39 | 0 23 | 21 14 | 0 3 | 6 59 | 1 13 | 21 27 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 21 | 2 9 | 18 8 | 17 46 | 5 24 | 9 51 | 7 40 |
| W24 | 23 22 | 16 29 | 5 7 | 21 9 | 2 14 | 22 46 | 0 20 | 21 22 | 0 2 | 7 1 | 1 13 | 21 26 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 21 | 2 9 | 18 6 | 17 46 | 5 27 | 9 51 | 7 40 |
| T 25 | 23 21 | 11 38 | 4 51 | 20 54 | 2 28 | 22 53 | 0 18 | 21 29 | 0 1 | 7 4 | 1 14 | 21 25 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 22 | 2 9 | 18 5 | 17 45 | 5 30 | 9 51 | 7 41 |
| F 26 | 23 20 | 6 28 | 4 22 | 20 41 | 2 39 | 22 59 | 0 16 | 21 37 | 0 1 | 7 7 | 1 14 | 21 24 | 0 8 | 1 58 | 0 43 | 2 8 | 1 5 | 21 22 | 2 9 | 18 5 | 17 44 | 5 33 | 9 52 | 7 41 |
| S 27 | 23 18 | 1 7 | 3 42 | 20 30 | 2 48 | 23 5 | 0 13 | 21 44 | 0 0 | 7 9 | 1 14 | 21 23 | 0 8 | 1 59 | 0 43 | 2 8 | 1 5 | 21 23 | 2 9 | 18 5 | 17 43 | 5 36 | 9 52 | 7 42 |
| S 28 | 23 15 | 4s13 | 2 53 | 20 21 | 2 55 | 23 10 | 0 11 | 21 51 | 0s 1 | 7 12 | 1 14 | 21 21 | 0 7 | 1 59 | 0 43 | 2 8 | 1 5 | 21 23 | 2 9 | 18 5 | 17 42 | 5 40 | 9 52 | 7 42 |
| M29 | 23 12 | 9 25 | 1 57 | 20 15 | 2 59 | 23 14 | 0 8 | 21 57 | 0 1 | 7 14 | 1 14 | 21 20 | 0 7 | 1 59 | 0 43 | 2 8 | 1 5 | 21 23 | 2 9 | 18 5 | 17 41 | 5 43 | 9 53 | 7 43 |
| T 30 | 23 9 | 14 19 | 0 55 | 20 11 | 3 2 | 23 17 | 0 6 | 22 4 | 0 2 | 7 16 | 1 15 | 21 19 | 0 7 | 2 0 | 0 43 | 2 8 | 1 5 | 21 24 | 2 9 | 18 6 | 17 40 | 5 46 | 9 53 | 7 43 |
| W31 | 23s 5 | 18s43 | 0s10 | 20s10 | 3n 2 | 23s20 | 0n 3 | 22s10 | 0s 2 | 7s19 | 1n15 | 21s18 | 0n 7 | 2n 0 | 0s43 | 2n 8 | 1n 5 | 21n24 | 2n10 | 18n 6 | 17n40 | 5s49 | 9n54 | 7s44 |

Julian Day Number = 2609298.5, Delta T = 10m13s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'44, Lahiri = 29°53'46


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## JANUARY 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 41 23 | 10♑ 0'38 | 5♐34 | 22°R28 | 1♑32 | 12♐22 | 21♎54 | 23♑ 9 | 6♈43 | 27°R10 | 3°R36 | 21°R28 | 19♉48 | 21♎ 0 | 11°R17 | T 1 |
| F 2 | 6 45 19 | 11° 1'46 | 18° 5 | 22°D24 | 2°47 | 13° 4 | 22° 0 | 23°16 | 6°44 | 27♍10 | 3♌35 | 21♉25 | 19°45 | 21° 7 | 11♌14 | F 2 |
| S 3 | 6 49 16 | 12° 2'54 | 0♑54 | 22♐28 | 4° 3 | 13°46 | 22° 7 | 23°23 | 6°45 | 27° 9 | 3°33 | 21°19 | 19°41 | 21°14 | 11°10 | S 3 |
| S 4 | 6 53 12 | 13° 4'02 | 14° 2 | 22°42 | 5°18 | 14°28 | 22°13 | 23°30 | 6°45 | 27° 9 | 3°32 | 21°11 | 19°38 | 21°20 | 11° 7 | S 4 |
| M 5 | 6 57 9 | 14° 5'11 | 27°26 | 23° 4 | 6°34 | 15°10 | 22°19 | 23°37 | 6°46 | 27° 9 | 3°31 | 21° 2 | 19°35 | 21°27 | 11° 3 | M 5 |
| T 6 | 7 1 5 | 15° 6'19 | 11♒ 5 | 23°33 | 7°49 | 15°52 | 22°25 | 23°44 | 6°47 | 27° 9 | 3°30 | 20°52 | 19°32 | 21°34 | 10°59 | T 6 |
| W 7 | 7 5 2 | 16° 7'28 | 24°55 | 24° 8 | 9° 5 | 16°34 | 22°30 | 23°51 | 6°49 | 27° 9 | 3°28 | 20°43 | 19°29 | 21°40 | 10°55 | W 7 |
| T 8 | 7 8 59 | 17° 8'36 | 8♓54 | 24°50 | 10°20 | 17°16 | 22°36 | 23°58 | 6°50 | 27° 8 | 3°27 | 20°35 | 19°26 | 21°47 | 10°52 | T 8 |
| F 9 | 7 12 55 | 18° 9'45 | 22°57 | 25°36 | 11°36 | 17°59 | 22°41 | 24° 5 | 6°51 | 27° 8 | 3°26 | 20°30 | 19°22 | 21°54 | 10°48 | F 9 |
| S 10 | 7 16 52 | 19°10'53 | 7♈ 3 | 26°27 | 12°51 | 18°41 | 22°47 | 24°12 | 6°52 | 27° 8 | 3°25 | 20°27 | 19°19 | 22° 0 | 10°44 | S 10 |
| S 11 | 7 20 48 | 20°12'01 | 21° 9 | 27°22 | 14° 7 | 19°23 | 22°52 | 24°19 | 6°53 | 27° 7 | 3°23 | 20°D27 | 19°16 | 22° 7 | 10°40 | S 11 |
| M12 | 7 24 45 | 21°13'08 | 5♉15 | 28°21 | 15°22 | 20° 5 | 22°57 | 24°26 | 6°55 | 27° 7 | 3°22 | 20°27 | 19°13 | 22°14 | 10°36 | M12 |
| T 13 | 7 28 41 | 22°14'16 | 19°19 | 29°24 | 16°38 | 20°48 | 23° 1 | 24°33 | 6°56 | 27° 6 | 3°21 | 20°R28 | 19°10 | 22°20 | 10°32 | T 13 |
| W14 | 7 32 38 | 23°15'23 | 3♊20 | 0♑29 | 17°53 | 21°30 | 23° 6 | 24°41 | 6°58 | 27° 6 | 3°20 | 20°27 | 19° 6 | 22°27 | 10°28 | W14 |
| T 15 | 7 36 34 | 24°16'30 | 17°18 | 1°36 | 19° 9 | 22°13 | 23°10 | 24°48 | 6°59 | 27° 5 | 3°18 | 20°24 | 19° 3 | 22°33 | 10°23 | T 15 |
| F 16 | 7 40 31 | 25°17'36 | 1♋ 9 | 2°46 | 20°24 | 22°55 | 23°15 | 24°55 | 7° 1 | 27° 5 | 3°17 | 20°18 | 19° 0 | 22°40 | 10°19 | F 16 |
| S 17 | 7 44 28 | 26°18'42 | 14°50 | 3°58 | 21°40 | 23°38 | 23°19 | 25° 2 | 7° 2 | 27° 4 | 3°16 | 20°10 | 18°57 | 22°47 | 10°15 | S 17 |
| S 18 | 7 48 24 | 27°19'48 | 28°19 | 5°12 | 22°55 | 24°20 | 23°23 | 25° 9 | 7° 4 | 27° 3 | 3°14 | 19°59 | 18°54 | 22°53 | 10°11 | S 18 |
| M19 | 7 52 21 | 28°20'53 | 11♌33 | 6°28 | 24°11 | 25° 3 | 23°26 | 25°16 | 7° 5 | 27° 3 | 3°13 | 19°47 | 18°51 | 23° 0 | 10° 6 | M19 |
| T 20 | 7 56 17 | 29°21'58 | 24°29 | 7°45 | 25°26 | 25°45 | 23°30 | 25°23 | 7° 7 | 27° 2 | 3°12 | 19°34 | 18°47 | 23° 7 | 10° 2 | T 20 |
| W21 | 8 0 14 | 0♒23'03 | 7♍ 7 | 9° 3 | 26°41 | 26°28 | 23°33 | 25°30 | 7° 9 | 27° 1 | 3°10 | 19°23 | 18°44 | 23°13 | 9°58 | W21 |
| T 22 | 8 4 10 | 1°24'08 | 19°29 | 10°23 | 27°57 | 27°11 | 23°36 | 25°37 | 7°11 | 27° 1 | 3° 9 | 19°14 | 18°41 | 23°20 | 9°53 | T 22 |
| F 23 | 8 8 7 | 2°25'13 | 1♎36 | 11°44 | 29°12 | 27°53 | 23°39 | 25°44 | 7°13 | 27° 0 | 3° 8 | 19° 7 | 18°38 | 23°27 | 9°49 | F 23 |
| S 24 | 8 12 3 | 3°26'17 | 13°32 | 13° 6 | 0♒28 | 28°36 | 23°42 | 25°51 | 7°14 | 26°59 | 3° 6 | 19° 2 | 18°35 | 23°33 | 9°45 | S 24 |
| S 25 | 8 16 0 | 4°27'21 | 25°21 | 14°29 | 1°43 | 29°19 | 23°45 | 25°58 | 7°16 | 26°58 | 3° 5 | 19° 1 | 18°32 | 23°40 | 9°40 | S 25 |
| M26 | 8 19 57 | 5°28'25 | 7♏ 9 | 15°53 | 2°59 | 0♑ 2 | 23°47 | 26° 5 | 7°18 | 26°57 | 3° 4 | 19°D 0 | 18°28 | 23°47 | 9°36 | M26 |
| T 27 | 8 23 53 | 6°29'28 | 19° 2 | 17°18 | 4°14 | 0°45 | 23°50 | 26°12 | 7°20 | 26°56 | 3° 2 | 19°R 0 | 18°25 | 23°53 | 9°31 | T 27 |
| W28 | 8 27 50 | 7°30'32 | 1♐ 4 | 18°44 | 5°30 | 1°28 | 23°52 | 26°19 | 7°22 | 26°55 | 3° 1 | 19° 0 | 18°22 | 24° 0 | 9°27 | W28 |
| T 29 | 8 31 46 | 8°31'35 | 13°21 | 20°10 | 6°45 | 2°10 | 23°54 | 26°26 | 7°24 | 26°54 | 3° 0 | 18°58 | 18°19 | 24° 7 | 9°22 | T 29 |
| F 30 | 8 35 43 | 9°32'37 | 25°58 | 21°38 | 8° 0 | 2°53 | 23°56 | 26°33 | 7°27 | 26°54 | 2°59 | 18°53 | 18°16 | 24°13 | 9°18 | F 30 |
| S 31 | 8 39 39 | 10♒33'39 | 8♑57 | 23♑ 6 | 9♒16 | 3♑36 | 23♎57 | 26♑40 | 7♈29 | 26♍53 | 2♌57 | 18♉45 | 18♉12 | 24♎20 | 9♌13 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 0 | 22s25 | 1s15 | 20s10 | 3n 0 | 23s22 | 0n 1 | 22s17 | 0s 3 | 7s21 | 1n15 | 21s17 | 0n 7 | 2n 0 | 0s43 | 2n 8 | 1n 6 | 21n24 | 2n10 | 18n 5 | 17n39 | 5s52 | 9n54 | 7s44 |
| F 2 | 22 56 | 25 9 | 2 18 | 20 13 | 2 57 | 23 23 | 0s 2 | 22 23 | 0 4 | 7 23 | 1 15 | 21 16 | 0 7 | 2 1 | 0 43 | 2 8 | 1 6 | 21 25 | 2 10 | 18 4 | 17 38 | 5 56 | 9 55 | 7 45 |
| S 3 | 22 50 | 26 39 | 3 16 | 20 18 | 2 53 | 23 23 | 0 4 | 22 28 | 0 4 | 7 25 | 1 15 | 21 15 | 0 7 | 2 1 | 0 43 | 2 8 | 1 6 | 21 25 | 2 10 | 18 3 | 17 37 | 5 59 | 9 55 | 7 45 |
| S 4 | 22 45 | 26 42 | 4 4 | 20 24 | 2 48 | 23 23 | 0 6 | 22 34 | 0 5 | 7 28 | 1 16 | 21 14 | 0 7 | 2 1 | 0 43 | 2 8 | 1 6 | 21 25 | 2 10 | 18 1 | 17 36 | 6 2 | 9 56 | 7 45 |
| M 5 | 22 39 | 25 12 | 4 40 | 20 31 | 2 41 | 23 22 | 0 9 | 22 39 | 0 6 | 7 30 | 1 16 | 21 13 | 0 7 | 2 2 | 0 43 | 2 8 | 1 6 | 21 26 | 2 10 | 17 58 | 17 35 | 6 5 | 9 56 | 7 46 |
| T 6 | 22 32 | 22 14 | 5 1 | 20 39 | 2 34 | 23 20 | 0 11 | 22 45 | 0 6 | 7 31 | 1 16 | 21 12 | 0 7 | 2 2 | 0 43 | 2 8 | 1 6 | 21 26 | 2 10 | 17 56 | 17 34 | 6 8 | 9 57 | 7 46 |
| W 7 | 22 25 | 17 58 | 5 4 | 20 49 | 2 27 | 23 18 | 0 14 | 22 49 | 0 7 | 7 33 | 1 16 | 21 10 | 0 7 | 2 3 | 0 43 | 2 8 | 1 6 | 21 27 | 2 10 | 17 53 | 17 34 | 6 12 | 9 58 | 7 46 |
| T 8 | 22 17 | 12 42 | 4 50 | 20 58 | 2 19 | 23 15 | 0 16 | 22 54 | 0 8 | 7 35 | 1 17 | 21 9 | 0 7 | 2 3 | 0 43 | 2 9 | 1 6 | 21 27 | 2 10 | 17 51 | 17 33 | 6 15 | 9 58 | 7 47 |
| F 9 | 22 9 | 6 45 | 4 18 | 21 8 | 2 11 | 23 11 | 0 18 | 22 59 | 0 8 | 7 37 | 1 17 | 21 8 | 0 7 | 2 4 | 0 42 | 2 9 | 1 6 | 21 27 | 2 10 | 17 50 | 17 32 | 6 18 | 9 59 | 7 47 |
| S 10 | 22 1 | 0 26 | 3 30 | 21 18 | 2 2 | 23 7 | 0 21 | 23 3 | 0 9 | 7 39 | 1 17 | 21 7 | 0 6 | 2 4 | 0 42 | 2 9 | 1 6 | 21 28 | 2 10 | 17 49 | 17 31 | 6 21 | 10 0 | 7 47 |
| S 11 | 21 52 | 5n55 | 2 30 | 21 28 | 1 53 | 23 1 | 0 23 | 23 7 | 0 10 | 7 40 | 1 17 | 21 6 | 0 6 | 2 5 | 0 42 | 2 9 | 1 6 | 21 28 | 2 11 | 17 49 | 17 30 | 6 24 | 10 1 | 7 48 |
| M12 | 21 43 | 11 59 | 1 20 | 21 38 | 1 44 | 22 55 | 0 25 | 23 11 | 0 10 | 7 42 | 1 17 | 21 5 | 0 6 | 2 5 | 0 42 | 2 9 | 1 6 | 21 28 | 2 11 | 17 49 | 17 29 | 6 28 | 10 1 | 7 48 |
| T 13 | 21 33 | 17 25 | 0 6 | 21 48 | 1 35 | 22 49 | 0 28 | 23 15 | 0 11 | 7 44 | 1 18 | 21 4 | 0 6 | 2 6 | 0 42 | 2 10 | 1 6 | 21 29 | 2 11 | 17 49 | 17 28 | 6 31 | 10 2 | 7 48 |
| W14 | 21 23 | 21 53 | 1n 8 | 21 57 | 1 26 | 22 41 | 0 30 | 23 18 | 0 12 | 7 45 | 1 18 | 21 2 | 0 6 | 2 7 | 0 42 | 2 10 | 1 6 | 21 29 | 2 11 | 17 49 | 17 28 | 6 34 | 10 3 | 7 48 |
| T 15 | 21 13 | 25 4 | 2 18 | 22 5 | 1 17 | 22 33 | 0 32 | 23 22 | 0 12 | 7 46 | 1 18 | 21 1 | 0 6 | 2 7 | 0 42 | 2 10 | 1 6 | 21 30 | 2 11 | 17 48 | 17 27 | 6 37 | 10 4 | 7 49 |
| F 16 | 21 2 | 26 41 | 3 19 | 22 13 | 1 8 | 22 24 | 0 34 | 23 25 | 0 13 | 7 48 | 1 18 | 21 0 | 0 6 | 2 8 | 0 42 | 2 10 | 1 6 | 21 30 | 2 11 | 17 47 | 17 26 | 6 40 | 10 5 | 7 49 |
| S 17 | 20 50 | 26 39 | 4 7 | 22 21 | 0 59 | 22 15 | 0 37 | 23 28 | 0 14 | 7 49 | 1 19 | 20 59 | 0 6 | 2 8 | 0 42 | 2 11 | 1 6 | 21 30 | 2 11 | 17 45 | 17 25 | 6 44 | 10 6 | 7 49 |
| S 18 | 20 39 | 25 2 | 4 41 | 22 27 | 0 50 | 22 5 | 0 39 | 23 30 | 0 14 | 7 50 | 1 19 | 20 58 | 0 6 | 2 9 | 0 42 | 2 11 | 1 6 | 21 31 | 2 11 | 17 42 | 17 24 | 6 47 | 10 7 | 7 49 |
| M19 | 20 27 | 22 4 | 4 59 | 22 32 | 0 41 | 21 54 | 0 41 | 23 33 | 0 15 | 7 51 | 1 19 | 20 56 | 0 6 | 2 10 | 0 42 | 2 11 | 1 6 | 21 31 | 2 11 | 17 39 | 17 23 | 6 50 | 10 8 | 7 49 |
| T 20 | 20 14 | 18 3 | 5 1 | 22 37 | 0 33 | 21 42 | 0 43 | 23 35 | 0 16 | 7 52 | 1 19 | 20 55 | 0 6 | 2 11 | 0 42 | 2 12 | 1 6 | 21 32 | 2 11 | 17 35 | 17 22 | 6 53 | 10 9 | 7 49 |
| W21 | 20 1 | 13 20 | 4 48 | 22 41 | 0 24 | 21 30 | 0 45 | 23 37 | 0 16 | 7 53 | 1 20 | 20 54 | 0 6 | 2 11 | 0 42 | 2 12 | 1 6 | 21 32 | 2 11 | 17 32 | 17 22 | 6 56 | 10 10 | 7 50 |
| T 22 | 19 48 | 8 10 | 4 21 | 22 43 | 0 16 | 21 18 | 0 47 | 23 38 | 0 17 | 7 54 | 1 20 | 20 53 | 0 6 | 2 12 | 0 42 | 2 12 | 1 6 | 21 32 | 2 11 | 17 30 | 17 21 | 7 0 | 10 11 | 7 50 |
| F 23 | 19 34 | 2 47 | 3 44 | 22 45 | 0 7 | 21 4 | 0 49 | 23 40 | 0 18 | 7 55 | 1 20 | 20 51 | 0 6 | 2 13 | 0 42 | 2 13 | 1 6 | 21 33 | 2 11 | 17 28 | 17 20 | 7 3 | 10 12 | 7 50 |
| S 24 | 19 21 | 2s37 | 2 57 | 22 45 | 0s 1 | 20 50 | 0 51 | 23 41 | 0 19 | 7 56 | 1 20 | 20 50 | 0 6 | 2 14 | 0 42 | 2 13 | 1 7 | 21 33 | 2 11 | 17 26 | 17 19 | 7 6 | 10 13 | 7 50 |
| S 25 | 19 6 | 7 53 | 2 2 | 22 45 | 0 9 | 20 35 | 0 53 | 23 42 | 0 19 | 7 57 | 1 21 | 20 49 | 0 5 | 2 14 | 0 42 | 2 13 | 1 7 | 21 33 | 2 12 | 17 26 | 17 18 | 7 9 | 10 14 | 7 50 |
| M26 | 18 52 | 12 53 | 1 3 | 22 43 | 0 16 | 20 20 | 0 55 | 23 43 | 0 20 | 7 58 | 1 21 | 20 48 | 0 5 | 2 15 | 0 42 | 2 14 | 1 7 | 21 34 | 2 12 | 17 26 | 17 17 | 7 12 | 10 15 | 7 50 |
| T 27 | 18 36 | 17 26 | 0s 0 | 22 40 | 0 24 | 20 4 | 0 57 | 23 44 | 0 21 | 7 58 | 1 21 | 20 46 | 0 5 | 2 16 | 0 42 | 2 14 | 1 7 | 21 34 | 2 12 | 17 26 | 17 16 | 7 15 | 10 16 | 7 50 |
| W28 | 18 21 | 21 22 | 1 4 | 22 36 | 0 31 | 19 48 | 0 58 | 23 44 | 0 21 | 7 59 | 1 21 | 20 45 | 0 5 | 2 17 | 0 42 | 2 14 | 1 7 | 21 35 | 2 12 | 17 26 | 17 15 | 7 19 | 10 17 | 7 50 |
| T 29 | 18 5 | 24 25 | 2 5 | 22 30 | 0 38 | 19 31 | 1 0 | 23 44 | 0 22 | 7 59 | 1 22 | 20 44 | 0 5 | 2 18 | 0 42 | 2 15 | 1 7 | 21 35 | 2 12 | 17 25 | 17 15 | 7 22 | 10 18 | 7 50 |
| F 30 | 17 49 | 26 22 | 3 2 | 22 24 | 0 45 | 19 13 | 1 2 | 23 44 | 0 23 | 8 0 | 1 22 | 20 43 | 0 5 | 2 19 | 0 42 | 2 15 | 1 7 | 21 35 | 2 12 | 17 24 | 17 14 | 7 25 | 10 19 | 7 50 |
| S 31 | 17s33 | 26s56 | 3s52 | 22s16 | 0s52 | 18s55 | 1s 3 | 23s44 | 0s24 | 8s 0 | 1n22 | 20s41 | 0n 5 | 2n19 | 0s42 | 2n16 | 1n 7 | 21n36 | 2n12 | 17n22 | 17n13 | 7s28 | 10n21 | 7s50 |

Julian Day Number = 2609329.5, Delta T = 10m13s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'49, Lahiri = 29°53'50


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## FEBRUARY 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 43 36 | 11♒34'41 | 22♑20 | 24♑35 | 10♒31 | 4♑20 | 23♎59 | 26♑47 | 7♈31 | 26°R51 | 2°R56 | 18°R35 | 18♉ 9 | 24♎27 | 9°R 9 | S 1 |
| M 2 | 8 47 33 | 12°35'42 | 6♒ 6 | 26° 4 | 11°47 | 5° 3 | 24° 0 | 26°54 | 7°33 | 26♍50 | 2♌55 | 18♉23 | 18° 6 | 24°33 | 9♌ 4 | M 2 |
| T 3 | 8 51 29 | 13°36'42 | 20°11 | 27°34 | 13° 2 | 5°46 | 24° 1 | 27° 1 | 7°36 | 26°49 | 2°53 | 18°10 | 18° 3 | 24°40 | 9° 0 | T 3 |
| W 4 | 8 55 26 | 14°37'41 | 4♓29 | 29° 5 | 14°18 | 6°29 | 24° 2 | 27° 8 | 7°38 | 26°48 | 2°52 | 17°58 | 18° 0 | 24°47 | 8°55 | W 4 |
| T 5 | 8 59 22 | 15°38'39 | 18°56 | 0♒37 | 15°33 | 7°12 | 24° 2 | 27°15 | 7°40 | 26°47 | 2°51 | 17°47 | 17°57 | 24°53 | 8°51 | T 5 |
| F 6 | 9 3 19 | 16°39'36 | 3♈24 | 2° 9 | 16°48 | 7°55 | 24° 3 | 27°22 | 7°43 | 26°46 | 2°49 | 17°40 | 17°53 | 25° 0 | 8°46 | F 6 |
| S 7 | 9 7 15 | 17°40'32 | 17°48 | 3°42 | 18° 4 | 8°39 | 24° 3 | 27°28 | 7°45 | 26°45 | 2°48 | 17°35 | 17°50 | 25° 7 | 8°42 | S 7 |
| S 8 | 9 11 12 | 18°41'26 | 2♉ 5 | 5°16 | 19°19 | 9°22 | 24°R 3 | 27°35 | 7°48 | 26°43 | 2°47 | 17°33 | 17°47 | 25°13 | 8°38 | S 8 |
| M 9 | 9 15 8 | 19°42'19 | 16°11 | 6°50 | 20°34 | 10° 5 | 24° 3 | 27°42 | 7°50 | 26°42 | 2°46 | 17°33 | 17°44 | 25°20 | 8°33 | M 9 |
| T 10 | 9 19 5 | 20°43'11 | 0♊ 7 | 8°25 | 21°50 | 10°48 | 24° 2 | 27°49 | 7°53 | 26°41 | 2°44 | 17°33 | 17°41 | 25°27 | 8°29 | T 10 |
| W11 | 9 23 1 | 21°44'02 | 13°53 | 10° 1 | 23° 5 | 11°32 | 24° 2 | 27°55 | 7°55 | 26°40 | 2°43 | 17°31 | 17°38 | 25°33 | 8°25 | W11 |
| T 12 | 9 26 58 | 22°44'52 | 27°29 | 11°37 | 24°20 | 12°15 | 24° 1 | 28° 2 | 7°58 | 26°38 | 2°42 | 17°28 | 17°34 | 25°40 | 8°20 | T 12 |
| F 13 | 9 30 55 | 23°45'39 | 10♋56 | 13°14 | 25°36 | 12°59 | 24° 0 | 28° 9 | 8° 1 | 26°37 | 2°41 | 17°21 | 17°31 | 25°47 | 8°16 | F 13 |
| S 14 | 9 34 51 | 24°46'26 | 24°12 | 14°52 | 26°51 | 13°42 | 23°59 | 28°15 | 8° 3 | 26°36 | 2°39 | 17°12 | 17°28 | 25°53 | 8°12 | S 14 |
| S 15 | 9 38 48 | 25°47'11 | 7♌17 | 16°31 | 28° 6 | 14°26 | 23°58 | 28°22 | 8° 6 | 26°34 | 2°38 | 17° 0 | 17°25 | 26° 0 | 8° 8 | S 15 |
| M16 | 9 42 44 | 26°47'55 | 20°10 | 18°11 | 29°21 | 15° 9 | 23°56 | 28°28 | 8° 9 | 26°33 | 2°37 | 16°46 | 17°22 | 26° 7 | 8° 3 | M16 |
| T 17 | 9 46 41 | 27°48'38 | 2♍50 | 19°51 | 0♓37 | 15°53 | 23°55 | 28°35 | 8°11 | 26°32 | 2°36 | 16°33 | 17°18 | 26°13 | 7°59 | T 17 |
| W18 | 9 50 37 | 28°49'19 | 15°17 | 21°32 | 1°52 | 16°36 | 23°53 | 28°41 | 8°14 | 26°30 | 2°35 | 16°20 | 17°15 | 26°20 | 7°55 | W18 |
| T 19 | 9 54 34 | 29°49'59 | 27°31 | 23°14 | 3° 7 | 17°20 | 23°51 | 28°48 | 8°17 | 26°29 | 2°34 | 16° 9 | 17°12 | 26°27 | 7°51 | T 19 |
| F 20 | 9 58 30 | 0♓50'38 | 9♎34 | 24°57 | 4°22 | 18° 4 | 23°49 | 28°54 | 8°20 | 26°27 | 2°32 | 16° 1 | 17° 9 | 26°33 | 7°47 | F 20 |
| S 21 | 10 2 27 | 1°51'15 | 21°28 | 26°40 | 5°38 | 18°47 | 23°46 | 29° 1 | 8°23 | 26°26 | 2°31 | 15°55 | 17° 6 | 26°40 | 7°43 | S 21 |
| S 22 | 10 6 24 | 2°51'52 | 3♏16 | 28°25 | 6°53 | 19°31 | 23°44 | 29° 7 | 8°26 | 26°24 | 2°30 | 15°53 | 17° 3 | 26°46 | 7°39 | S 22 |
| M23 | 10 10 20 | 3°52'27 | 15° 3 | 0♓10 | 8° 8 | 20°15 | 23°41 | 29°13 | 8°29 | 26°23 | 2°29 | 15°D52 | 16°59 | 26°53 | 7°35 | M23 |
| T 24 | 10 14 17 | 4°53'01 | 26°54 | 1°56 | 9°23 | 20°59 | 23°38 | 29°19 | 8°32 | 26°21 | 2°28 | 15°52 | 16°56 | 27° 0 | 7°32 | T 24 |
| W25 | 10 18 13 | 5°53'34 | 8♐55 | 3°44 | 10°38 | 21°42 | 23°35 | 29°26 | 8°35 | 26°20 | 2°27 | 15°R52 | 16°53 | 27° 6 | 7°28 | W25 |
| T 26 | 10 22 10 | 6°54'06 | 21°10 | 5°32 | 11°53 | 22°26 | 23°31 | 29°32 | 8°38 | 26°18 | 2°26 | 15°51 | 16°50 | 27°13 | 7°24 | T 26 |
| F 27 | 10 26 6 | 7°54'37 | 3♑46 | 7°20 | 13° 9 | 23°10 | 23°28 | 29°38 | 8°41 | 26°17 | 2°25 | 15°48 | 16°47 | 27°20 | 7°21 | F 27 |
| S 28 | 10 30 3 | 8°55'06 | 16°46 | 9°10 | 14°24 | 23°54 | 23°24 | 29°44 | 8°44 | 26°15 | 2°24 | 15°43 | 16°43 | 27°26 | 7°17 | S 28 |
| S 29 | 10 33 59 | 9♓55'34 | 0♒13 | 11♓ 1 | 15♓39 | 24♑38 | 23♎20 | 29♑50 | 8♈47 | 26♍14 | 2♌23 | 15♉35 | 16♉40 | 27♎33 | 7♌14 | S 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s16 | 25s58 | 4s30 | 22s 7 | 0s59 | 18s36 | 1s 5 | 23s43 | 0s24 | 8s 0 | 1n22 | 20s40 | 0n 5 | 2n20 | 0s42 | 2n16 | 1n 7 | 21n36 | 2n12 | 17n19 | 17n12 | 7s31 | 10n22 | 7s50 |
| M 2 | 16 59 | 23 26 | 4 53 | 21 57 | 1 5 | 18 17 | 1 7 | 23 42 | 0 25 | 8 0 | 1 23 | 20 39 | 0 5 | 2 21 | 0 42 | 2 17 | 1 7 | 21 36 | 2 12 | 17 16 | 17 11 | 7 35 | 10 23 | 7 50 |
| T 3 | 16 42 | 19 28 | 5 0 | 21 45 | 1 11 | 17 57 | 1 8 | 23 41 | 0 26 | 8 1 | 1 23 | 20 38 | 0 5 | 2 22 | 0 42 | 2 17 | 1 7 | 21 37 | 2 12 | 17 12 | 17 10 | 7 38 | 10 24 | 7 50 |
| W 4 | 16 24 | 14 18 | 4 48 | 21 32 | 1 16 | 17 37 | 1 10 | 23 40 | 0 26 | 8 1 | 1 23 | 20 36 | 0 5 | 2 23 | 0 42 | 2 18 | 1 7 | 21 37 | 2 12 | 17 9 | 17 9 | 7 41 | 10 25 | 7 50 |
| T 5 | 16 7 | 8 19 | 4 17 | 21 18 | 1 22 | 17 16 | 1 11 | 23 38 | 0 27 | 8 1 | 1 23 | 20 35 | 0 5 | 2 24 | 0 42 | 2 18 | 1 7 | 21 37 | 2 12 | 17 6 | 17 8 | 7 44 | 10 27 | 7 50 |
| F 6 | 15 48 | 1 52 | 3 30 | 21 3 | 1 27 | 16 55 | 1 12 | 23 37 | 0 28 | 8 1 | 1 24 | 20 34 | 0 5 | 2 25 | 0 41 | 2 19 | 1 7 | 21 38 | 2 12 | 17 4 | 17 7 | 7 47 | 10 28 | 7 49 |
| S 7 | 15 30 | 4n39 | 2 30 | 20 46 | 1 32 | 16 33 | 1 14 | 23 35 | 0 29 | 8 0 | 1 24 | 20 33 | 0 5 | 2 26 | 0 41 | 2 19 | 1 7 | 21 38 | 2 12 | 17 2 | 17 7 | 7 50 | 10 29 | 7 49 |
| S 8 | 15 11 | 10 54 | 1 21 | 20 28 | 1 36 | 16 11 | 1 15 | 23 33 | 0 29 | 8 0 | 1 24 | 20 31 | 0 4 | 2 27 | 0 41 | 2 20 | 1 7 | 21 38 | 2 12 | 17 2 | 17 6 | 7 54 | 10 30 | 7 49 |
| M 9 | 14 52 | 16 32 | 0 7 | 20 9 | 1 41 | 15 48 | 1 16 | 23 30 | 0 30 | 8 0 | 1 24 | 20 30 | 0 4 | 2 28 | 0 41 | 2 20 | 1 7 | 21 39 | 2 12 | 17 2 | 17 5 | 7 57 | 10 32 | 7 49 |
| T 10 | 14 33 | 21 12 | 1n 6 | 19 48 | 1 45 | 15 25 | 1 17 | 23 28 | 0 31 | 7 59 | 1 25 | 20 29 | 0 4 | 2 29 | 0 41 | 2 21 | 1 7 | 21 39 | 2 12 | 17 2 | 17 4 | 8 0 | 10 33 | 7 49 |
| W11 | 14 14 | 24 38 | 2 14 | 19 26 | 1 49 | 15 1 | 1 18 | 23 25 | 0 32 | 7 59 | 1 25 | 20 28 | 0 4 | 2 30 | 0 41 | 2 21 | 1 7 | 21 39 | 2 13 | 17 1 | 17 3 | 8 3 | 10 34 | 7 48 |
| T 12 | 13 54 | 26 36 | 3 14 | 19 3 | 1 52 | 14 37 | 1 19 | 23 21 | 0 32 | 7 59 | 1 25 | 20 26 | 0 4 | 2 31 | 0 41 | 2 22 | 1 7 | 21 40 | 2 13 | 17 0 | 17 2 | 8 6 | 10 36 | 7 48 |
| F 13 | 13 34 | 26 58 | 4 2 | 18 39 | 1 55 | 14 13 | 1 20 | 23 18 | 0 33 | 7 58 | 1 25 | 20 25 | 0 4 | 2 32 | 0 41 | 2 22 | 1 7 | 21 40 | 2 13 | 16 58 | 17 1 | 8 9 | 10 37 | 7 48 |
| S 14 | 13 14 | 25 46 | 4 37 | 18 13 | 1 58 | 13 48 | 1 21 | 23 15 | 0 34 | 7 57 | 1 26 | 20 24 | 0 4 | 2 33 | 0 41 | 2 23 | 1 7 | 21 40 | 2 13 | 16 56 | 17 0 | 8 13 | 10 38 | 7 48 |
| S 15 | 12 54 | 23 11 | 4 56 | 17 46 | 2 0 | 13 23 | 1 22 | 23 11 | 0 35 | 7 57 | 1 26 | 20 23 | 0 4 | 2 34 | 0 41 | 2 23 | 1 7 | 21 41 | 2 13 | 16 52 | 16 59 | 8 16 | 10 39 | 7 47 |
| M16 | 12 33 | 19 28 | 5 0 | 17 17 | 2 2 | 12 58 | 1 23 | 23 7 | 0 35 | 7 56 | 1 26 | 20 21 | 0 4 | 2 36 | 0 41 | 2 24 | 1 7 | 21 41 | 2 13 | 16 49 | 16 59 | 8 19 | 10 41 | 7 47 |
| T 17 | 12 12 | 14 55 | 4 48 | 16 47 | 2 4 | 12 32 | 1 23 | 23 2 | 0 36 | 7 55 | 1 26 | 20 20 | 0 4 | 2 37 | 0 41 | 2 25 | 1 7 | 21 41 | 2 13 | 16 45 | 16 58 | 8 22 | 10 42 | 7 47 |
| W18 | 11 51 | 9 50 | 4 23 | 16 16 | 2 5 | 12 6 | 1 24 | 22 58 | 0 37 | 7 54 | 1 27 | 20 19 | 0 4 | 2 38 | 0 41 | 2 25 | 1 7 | 21 42 | 2 13 | 16 41 | 16 57 | 8 25 | 10 43 | 7 46 |
| T 19 | 11 30 | 4 27 | 3 46 | 15 44 | 2 6 | 11 39 | 1 25 | 22 53 | 0 38 | 7 53 | 1 27 | 20 18 | 0 4 | 2 39 | 0 41 | 2 26 | 1 7 | 21 42 | 2 13 | 16 38 | 16 56 | 8 28 | 10 45 | 7 46 |
| F 20 | 11 9 | 1s 1 | 3 0 | 15 10 | 2 6 | 11 12 | 1 25 | 22 48 | 0 38 | 7 52 | 1 27 | 20 16 | 0 4 | 2 40 | 0 41 | 2 26 | 1 7 | 21 42 | 2 13 | 16 36 | 16 55 | 8 32 | 10 46 | 7 46 |
| S 21 | 10 47 | 6 24 | 2 6 | 14 35 | 2 7 | 10 45 | 1 26 | 22 43 | 0 39 | 7 51 | 1 27 | 20 15 | 0 4 | 2 41 | 0 41 | 2 27 | 1 7 | 21 43 | 2 13 | 16 34 | 16 54 | 8 35 | 10 47 | 7 45 |
| S 22 | 10 26 | 11 32 | 1 6 | 13 58 | 2 6 | 10 18 | 1 26 | 22 38 | 0 40 | 7 50 | 1 28 | 20 14 | 0 3 | 2 42 | 0 41 | 2 28 | 1 7 | 21 43 | 2 13 | 16 33 | 16 53 | 8 38 | 10 49 | 7 45 |
| M23 | 10 4 | 16 15 | 0 4 | 13 21 | 2 5 | 9 50 | 1 26 | 22 32 | 0 41 | 7 49 | 1 28 | 20 13 | 0 3 | 2 44 | 0 41 | 2 28 | 1 8 | 21 43 | 2 13 | 16 33 | 16 52 | 8 41 | 10 50 | 7 45 |
| T 24 | 9 42 | 20 22 | 0s58 | 12 42 | 2 4 | 9 22 | 1 27 | 22 26 | 0 41 | 7 47 | 1 28 | 20 11 | 0 3 | 2 45 | 0 41 | 2 29 | 1 8 | 21 43 | 2 13 | 16 33 | 16 51 | 8 44 | 10 51 | 7 44 |
| W25 | 9 20 | 23 42 | 1 59 | 12 1 | 2 2 | 8 54 | 1 27 | 22 20 | 0 42 | 7 46 | 1 28 | 20 10 | 0 3 | 2 46 | 0 41 | 2 29 | 1 8 | 21 44 | 2 13 | 16 33 | 16 51 | 8 47 | 10 53 | 7 44 |
| T 26 | 8 57 | 26 1 | 2 56 | 11 20 | 2 0 | 8 26 | 1 27 | 22 14 | 0 43 | 7 45 | 1 28 | 20 9 | 0 3 | 2 47 | 0 41 | 2 30 | 1 8 | 21 44 | 2 13 | 16 33 | 16 50 | 8 51 | 10 54 | 7 43 |
| F 27 | 8 35 | 27 6 | 3 46 | 10 37 | 1 58 | 7 57 | 1 27 | 22 7 | 0 44 | 7 43 | 1 29 | 20 8 | 0 3 | 2 48 | 0 41 | 2 31 | 1 8 | 21 44 | 2 13 | 16 32 | 16 49 | 8 54 | 10 55 | 7 43 |
| S 28 | 8 12 | 26 44 | 4 26 | 9 53 | 1 54 | 7 28 | 1 27 | 22 0 | 0 44 | 7 42 | 1 29 | 20 7 | 0 3 | 2 50 | 0 41 | 2 31 | 1 8 | 21 45 | 2 13 | 16 30 | 16 48 | 8 57 | 10 57 | 7 42 |
| S 29 | 7s50 | 24s49 | 4s53 | 9s 8 | 1s51 | 6s59 | 1s27 | 21s53 | 0s45 | 7s40 | 1n29 | 20s 5 | 0n 3 | 2n51 | 0s41 | 2n32 | 1n 8 | 21n45 | 2n13 | 16n28 | 16n47 | 9s 0 | 10n58 | 7s42 |

Julian Day Number = 2609360.5, Delta T = 10m13s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'53, Lahiri = 29°53'54


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## MARCH 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 37 56 | 10♓56'00 | 14♒ 8 | 12♓52 | 16♓54 | 25♑22 | 23°R16 | 29♑56 | 8♈50 | 26°R12 | 2°R22 | 15°R25 | 16♉37 | 27♎40 | 7°R10 | M 1 |
| T 2 | 10 41 53 | 11°56'26 | 28°28 | 14°44 | 18° 9 | 26° 6 | 23♎12 | 0♒ 2 | 8°53 | 26♍10 | 2♌21 | 15♉15 | 16°34 | 27°46 | 7♌ 7 | T 2 |
| W 3 | 10 45 49 | 12°56'49 | 13♓ 6 | 16°37 | 19°24 | 26°50 | 23° 8 | 0° 7 | 8°56 | 26° 9 | 2°20 | 15° 4 | 16°31 | 27°53 | 7° 4 | W 3 |
| T 4 | 10 49 46 | 13°57'11 | 27°57 | 18°30 | 20°39 | 27°34 | 23° 3 | 0°13 | 8°59 | 26° 7 | 2°19 | 14°56 | 16°28 | 28° 0 | 7° 1 | T 4 |
| F 5 | 10 53 42 | 14°57'31 | 12♈51 | 20°24 | 21°54 | 28°18 | 22°59 | 0°19 | 9° 3 | 26° 6 | 2°18 | 14°50 | 16°24 | 28° 6 | 6°57 | F 5 |
| S 6 | 10 57 39 | 15°57'49 | 27°40 | 22°19 | 23° 9 | 29° 2 | 22°54 | 0°25 | 9° 6 | 26° 4 | 2°17 | 14°46 | 16°21 | 28°13 | 6°54 | S 6 |
| S 7 | 11 1 35 | 16°58'05 | 12♉17 | 24°13 | 24°24 | 29°46 | 22°49 | 0°30 | 9° 9 | 26° 2 | 2°16 | 14°D45 | 16°18 | 28°20 | 6°51 | S 7 |
| M 8 | 11 5 32 | 17°58'19 | 26°39 | 26° 8 | 25°39 | 0♒31 | 22°44 | 0°36 | 9°12 | 26° 1 | 2°15 | 14°45 | 16°15 | 28°26 | 6°49 | M 8 |
| T 9 | 11 9 28 | 18°58'32 | 10♊42 | 28° 2 | 26°54 | 1°15 | 22°39 | 0°41 | 9°15 | 25°59 | 2°14 | 14°46 | 16°12 | 28°33 | 6°46 | T 9 |
| W10 | 11 13 25 | 19°58'42 | 24°27 | 29°56 | 28° 9 | 1°59 | 22°33 | 0°47 | 9°19 | 25°57 | 2°14 | 14°R46 | 16° 9 | 28°40 | 6°43 | W10 |
| T 11 | 11 17 22 | 20°58'50 | 7♋55 | 1♈50 | 29°24 | 2°43 | 22°28 | 0°52 | 9°22 | 25°56 | 2°13 | 14°45 | 16° 5 | 28°46 | 6°40 | T 11 |
| F 12 | 11 21 18 | 21°58'56 | 21° 7 | 3°42 | 0♈39 | 3°28 | 22°22 | 0°57 | 9°25 | 25°54 | 2°12 | 14°41 | 16° 2 | 28°53 | 6°38 | F 12 |
| S 13 | 11 25 15 | 22°59'00 | 4♌ 4 | 5°34 | 1°53 | 4°12 | 22°16 | 1° 3 | 9°29 | 25°52 | 2°11 | 14°35 | 15°59 | 29° 0 | 6°35 | S 13 |
| S 14 | 11 29 11 | 23°59'02 | 16°49 | 7°23 | 3° 8 | 4°56 | 22°10 | 1° 8 | 9°32 | 25°51 | 2°10 | 14°27 | 15°56 | 29° 6 | 6°33 | S 14 |
| M15 | 11 33 8 | 24°59'02 | 29°23 | 9°10 | 4°23 | 5°41 | 22° 4 | 1°13 | 9°35 | 25°49 | 2°10 | 14°18 | 15°53 | 29°13 | 6°31 | M15 |
| T 16 | 11 37 4 | 25°59'00 | 11♍45 | 10°55 | 5°38 | 6°25 | 21°58 | 1°18 | 9°39 | 25°47 | 2° 9 | 14° 8 | 15°49 | 29°19 | 6°29 | T 16 |
| W17 | 11 41 1 | 26°58'56 | 23°58 | 12°37 | 6°53 | 7° 9 | 21°52 | 1°23 | 9°42 | 25°46 | 2° 8 | 14° 0 | 15°46 | 29°26 | 6°27 | W17 |
| T 18 | 11 44 57 | 27°58'50 | 6♎ 1 | 14°15 | 8° 7 | 7°54 | 21°45 | 1°28 | 9°45 | 25°44 | 2° 8 | 13°52 | 15°43 | 29°33 | 6°25 | T 18 |
| F 19 | 11 48 54 | 28°58'42 | 17°57 | 15°48 | 9°22 | 8°38 | 21°39 | 1°33 | 9°49 | 25°42 | 2° 7 | 13°47 | 15°40 | 29°39 | 6°23 | F 19 |
| S 20 | 11 52 51 | 29°58'32 | 29°47 | 17°18 | 10°37 | 9°23 | 21°32 | 1°38 | 9°52 | 25°41 | 2° 6 | 13°44 | 15°37 | 29°46 | 6°21 | S 20 |
| S 21 | 11 56 47 | 0♈58'21 | 11♏35 | 18°42 | 11°51 | 10° 7 | 21°25 | 1°42 | 9°55 | 25°39 | 2° 6 | 13°D42 | 15°34 | 29°53 | 6°19 | S 21 |
| M22 | 12 0 44 | 1°58'08 | 23°22 | 20° 0 | 13° 6 | 10°52 | 21°18 | 1°47 | 9°59 | 25°37 | 2° 5 | 13°43 | 15°30 | 29°59 | 6°17 | M22 |
| T 23 | 12 4 40 | 2°57'53 | 5♐14 | 21°12 | 14°21 | 11°36 | 21°11 | 1°52 | 10° 2 | 25°36 | 2° 5 | 13°44 | 15°27 | 0♏ 6 | 6°16 | T 23 |
| W24 | 12 8 37 | 3°57'36 | 17°14 | 22°18 | 15°35 | 12°21 | 21° 4 | 1°56 | 10° 6 | 25°34 | 2° 4 | 13°46 | 15°24 | 0°13 | 6°14 | W24 |
| T 25 | 12 12 33 | 4°57'18 | 29°28 | 23°17 | 16°50 | 13° 5 | 20°57 | 2° 0 | 10° 9 | 25°32 | 2° 4 | 13°R47 | 15°21 | 0°19 | 6°13 | T 25 |
| F 26 | 12 16 30 | 5°56'58 | 12♑ 0 | 24° 9 | 18° 4 | 13°50 | 20°50 | 2° 5 | 10°12 | 25°31 | 2° 3 | 13°47 | 15°18 | 0°26 | 6°12 | F 26 |
| S 27 | 12 20 26 | 6°56'37 | 24°56 | 24°53 | 19°19 | 14°35 | 20°43 | 2° 9 | 10°16 | 25°29 | 2° 3 | 13°45 | 15°15 | 0°33 | 6°11 | S 27 |
| S 28 | 12 24 23 | 7°56'13 | 8♒19 | 25°30 | 20°33 | 15°19 | 20°35 | 2°13 | 10°19 | 25°28 | 2° 2 | 13°42 | 15°11 | 0°39 | 6°10 | S 28 |
| M29 | 12 28 20 | 8°55'48 | 22°10 | 25°59 | 21°48 | 16° 4 | 20°28 | 2°17 | 10°23 | 25°26 | 2° 2 | 13°38 | 15° 8 | 0°46 | 6° 9 | M29 |
| T 30 | 12 32 16 | 9°55'21 | 6♓28 | 26°20 | 23° 2 | 16°49 | 20°20 | 2°22 | 10°26 | 25°24 | 2° 1 | 13°33 | 15° 5 | 0°53 | 6° 8 | T 30 |
| W31 | 12 36 13 | 10♈54'52 | 21♓11 | 26♈33 | 24♈17 | 17♒33 | 20♎13 | 2♒25 | 10♈30 | 25♍23 | 2♌ 1 | 13♉28 | 15♉ 2 | 0♏59 | 6♌ 7 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s27 | 21s23 | 5s 3 | 8s21 | 1s46 | 6s30 | 1s27 | 21s46 | 0s46 | 7s38 | 1n29 | 20s 4 | 0n 3 | 2n52 | 0s41 | 2n33 | 1n 8 | 21n45 | 2n13 | 16n25 | 16n46 | 9s 3 | 10n59 | 7s41 |
| T 2 | 7 4 | 16 36 | 4 56 | 7 33 | 1 41 | 6 0 | 1 27 | 21 39 | 0 47 | 7 37 | 1 30 | 20 3 | 0 3 | 2 53 | 0 41 | 2 33 | 1 8 | 21 45 | 2 13 | 16 22 | 16 45 | 9 6 | 11 1 | 7 41 |
| W 3 | 6 41 | 10 45 | 4 28 | 6 45 | 1 36 | 5 31 | 1 26 | 21 31 | 0 48 | 7 35 | 1 30 | 20 2 | 0 3 | 2 55 | 0 41 | 2 34 | 1 8 | 21 46 | 2 13 | 16 19 | 16 44 | 9 9 | 11 2 | 7 40 |
| T 4 | 6 18 | 4 13 | 3 43 | 5 55 | 1 30 | 5 1 | 1 26 | 21 23 | 0 48 | 7 33 | 1 30 | 20 1 | 0 3 | 2 56 | 0 41 | 2 35 | 1 8 | 21 46 | 2 13 | 16 17 | 16 43 | 9 13 | 11 3 | 7 40 |
| F 5 | 5 55 | 2n35 | 2 42 | 5 4 | 1 24 | 4 31 | 1 26 | 21 15 | 0 49 | 7 31 | 1 30 | 20 0 | 0 3 | 2 57 | 0 41 | 2 35 | 1 8 | 21 46 | 2 13 | 16 15 | 16 42 | 9 16 | 11 4 | 7 39 |
| S 6 | 5 31 | 9 13 | 1 30 | 4 13 | 1 16 | 4 1 | 1 25 | 21 7 | 0 50 | 7 29 | 1 30 | 19 59 | 0 3 | 2 58 | 0 41 | 2 36 | 1 8 | 21 46 | 2 13 | 16 14 | 16 41 | 9 19 | 11 6 | 7 39 |
| S 7 | 5 8 | 15 17 | 0 13 | 3 21 | 1 9 | 3 31 | 1 25 | 20 59 | 0 51 | 7 27 | 1 30 | 19 57 | 0 3 | 3 0 | 0 41 | 2 37 | 1 8 | 21 47 | 2 13 | 16 13 | 16 41 | 9 22 | 11 7 | 7 38 |
| M 8 | 4 45 | 20 23 | 1n 3 | 2 27 | 1 0 | 3 1 | 1 24 | 20 50 | 0 51 | 7 25 | 1 31 | 19 56 | 0 2 | 3 1 | 0 41 | 2 37 | 1 8 | 21 47 | 2 13 | 16 14 | 16 40 | 9 25 | 11 8 | 7 38 |
| T 9 | 4 21 | 24 13 | 2 15 | 1 34 | 0 51 | 2 30 | 1 23 | 20 41 | 0 52 | 7 23 | 1 31 | 19 55 | 0 2 | 3 2 | 0 41 | 2 38 | 1 8 | 21 47 | 2 14 | 16 14 | 16 39 | 9 28 | 11 9 | 7 37 |
| W10 | 3 58 | 26 32 | 3 16 | 0 40 | 0 42 | 2 0 | 1 23 | 20 32 | 0 53 | 7 21 | 1 31 | 19 54 | 0 2 | 3 3 | 0 41 | 2 39 | 1 8 | 21 47 | 2 14 | 16 14 | 16 38 | 9 31 | 11 11 | 7 36 |
| T 11 | 3 34 | 27 14 | 4 6 | 0n15 | 0 32 | 1 30 | 1 22 | 20 23 | 0 54 | 7 19 | 1 31 | 19 53 | 0 2 | 3 5 | 0 41 | 2 39 | 1 8 | 21 47 | 2 14 | 16 13 | 16 37 | 9 35 | 11 12 | 7 36 |
| F 12 | 3 10 | 26 22 | 4 41 | 1 9 | 0 21 | 0 59 | 1 21 | 20 13 | 0 55 | 7 16 | 1 31 | 19 52 | 0 2 | 3 6 | 0 41 | 2 40 | 1 8 | 21 48 | 2 14 | 16 12 | 16 36 | 9 38 | 11 13 | 7 35 |
| S 13 | 2 47 | 24 4 | 5 1 | 2 3 | 0 10 | 0 29 | 1 20 | 20 4 | 0 55 | 7 14 | 1 32 | 19 51 | 0 2 | 3 7 | 0 41 | 2 41 | 1 8 | 21 48 | 2 14 | 16 11 | 16 35 | 9 41 | 11 14 | 7 35 |
| S 14 | 2 23 | 20 37 | 5 6 | 2 57 | 0n 2 | 0n 2 | 1 19 | 19 54 | 0 56 | 7 12 | 1 32 | 19 50 | 0 2 | 3 9 | 0 41 | 2 41 | 1 8 | 21 48 | 2 14 | 16 8 | 16 34 | 9 44 | 11 15 | 7 34 |
| M15 | 1 59 | 16 17 | 4 56 | 3 50 | 0 14 | 0 32 | 1 18 | 19 44 | 0 57 | 7 9 | 1 32 | 19 49 | 0 2 | 3 10 | 0 41 | 2 42 | 1 8 | 21 48 | 2 14 | 16 6 | 16 33 | 9 47 | 11 17 | 7 33 |
| T 16 | 1 36 | 11 20 | 4 32 | 4 43 | 0 26 | 1 3 | 1 17 | 19 33 | 0 58 | 7 7 | 1 32 | 19 48 | 0 2 | 3 11 | 0 41 | 2 43 | 1 8 | 21 48 | 2 14 | 16 3 | 16 32 | 9 50 | 11 18 | 7 33 |
| W17 | 1 12 | 6 0 | 3 56 | 5 34 | 0 39 | 1 33 | 1 16 | 19 23 | 0 58 | 7 4 | 1 32 | 19 47 | 0 2 | 3 13 | 0 41 | 2 43 | 1 8 | 21 49 | 2 14 | 16 0 | 16 31 | 9 53 | 11 19 | 7 32 |
| T 18 | 0 48 | 0 31 | 3 9 | 6 24 | 0 52 | 2 4 | 1 15 | 19 12 | 0 59 | 7 2 | 1 32 | 19 46 | 0 2 | 3 14 | 0 41 | 2 44 | 1 8 | 21 49 | 2 14 | 15 58 | 16 31 | 9 57 | 11 20 | 7 31 |
| F 19 | 0 24 | 4s57 | 2 15 | 7 12 | 1 5 | 2 34 | 1 14 | 19 2 | 1 0 | 6 59 | 1 32 | 19 45 | 0 2 | 3 15 | 0 41 | 2 45 | 1 8 | 21 49 | 2 14 | 15 56 | 16 30 | 10 0 | 11 21 | 7 31 |
| S 20 | 0 1 | 10 12 | 1 15 | 7 59 | 1 18 | 3 5 | 1 12 | 18 51 | 1 1 | 6 57 | 1 32 | 19 44 | 0 2 | 3 17 | 0 41 | 2 45 | 1 8 | 21 49 | 2 14 | 15 55 | 16 29 | 10 3 | 11 22 | 7 30 |
| S 21 | 0n23 | 15 5 | 0 12 | 8 43 | 1 31 | 3 35 | 1 11 | 18 39 | 1 2 | 6 54 | 1 33 | 19 43 | 0 2 | 3 18 | 0 41 | 2 46 | 1 8 | 21 49 | 2 14 | 15 55 | 16 28 | 10 6 | 11 23 | 7 29 |
| M22 | 0 47 | 19 25 | 0s52 | 9 24 | 1 44 | 4 5 | 1 10 | 18 28 | 1 2 | 6 51 | 1 33 | 19 42 | 0 1 | 3 19 | 0 41 | 2 47 | 1 8 | 21 49 | 2 14 | 15 55 | 16 27 | 10 9 | 11 24 | 7 29 |
| T 23 | 1 11 | 23 0 | 1 54 | 10 3 | 1 56 | 4 36 | 1 8 | 18 17 | 1 3 | 6 49 | 1 33 | 19 41 | 0 1 | 3 21 | 0 41 | 2 47 | 1 8 | 21 50 | 2 14 | 15 56 | 16 26 | 10 12 | 11 25 | 7 28 |
| W24 | 1 34 | 25 38 | 2 52 | 10 39 | 2 9 | 5 6 | 1 7 | 18 5 | 1 4 | 6 46 | 1 33 | 19 40 | 0 1 | 3 22 | 0 41 | 2 48 | 1 8 | 21 50 | 2 14 | 15 56 | 16 25 | 10 15 | 11 26 | 7 27 |
| T 25 | 1 58 | 27 7 | 3 44 | 11 12 | 2 20 | 5 36 | 1 5 | 17 53 | 1 5 | 6 43 | 1 33 | 19 39 | 0 1 | 3 23 | 0 41 | 2 48 | 1 8 | 21 50 | 2 14 | 15 56 | 16 24 | 10 18 | 11 27 | 7 26 |
| F 26 | 2 21 | 27 15 | 4 25 | 11 41 | 2 31 | 6 6 | 1 3 | 17 41 | 1 5 | 6 41 | 1 33 | 19 38 | 0 1 | 3 25 | 0 41 | 2 49 | 1 8 | 21 50 | 2 14 | 15 56 | 16 23 | 10 21 | 11 28 | 7 26 |
| S 27 | 2 45 | 25 56 | 4 55 | 12 7 | 2 41 | 6 35 | 1 2 | 17 29 | 1 6 | 6 38 | 1 33 | 19 37 | 0 1 | 3 26 | 0 41 | 2 50 | 1 8 | 21 50 | 2 14 | 15 56 | 16 22 | 10 25 | 11 29 | 7 25 |
| S 28 | 3 8 | 23 8 | 5 11 | 12 29 | 2 51 | 7 5 | 1 0 | 17 16 | 1 7 | 6 35 | 1 33 | 19 36 | 0 1 | 3 27 | 0 41 | 2 50 | 1 8 | 21 50 | 2 14 | 15 55 | 16 21 | 10 28 | 11 30 | 7 24 |
| M29 | 3 32 | 18 57 | 5 8 | 12 47 | 2 59 | 7 34 | 0 58 | 17 4 | 1 8 | 6 32 | 1 33 | 19 35 | 0 1 | 3 29 | 0 41 | 2 51 | 1 8 | 21 50 | 2 14 | 15 54 | 16 20 | 10 31 | 11 31 | 7 24 |
| T 30 | 3 55 | 13 34 | 4 48 | 13 2 | 3 6 | 8 4 | 0 56 | 16 51 | 1 8 | 6 29 | 1 33 | 19 35 | 0 1 | 3 30 | 0 41 | 2 52 | 1 8 | 21 50 | 2 14 | 15 52 | 16 19 | 10 34 | 11 32 | 7 23 |
| W31 | 4n19 | 7s16 | 4s 7 | 13n12 | 3n12 | 8n33 | 0s55 | 16s38 | 1s 9 | 6s26 | 1n33 | 19s34 | 0n 1 | 3n31 | 0s41 | 2n52 | 1n 8 | 21n50 | 2n14 | 15n51 | 16n18 | 10s37 | 11n33 | 7s22 |

Julian Day Number = 2609389.5, Delta T = 10m13s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°46'57, Lahiri = 29°53'58


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## APRIL 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 40 9 | 11♈54'22 | 6♈12 | 26°R38 | 25♈31 | 18♒18 | 20°R 5 | 2♒29 | 10♈33 | 25°R21 | 2°R 1 | 13°R24 | 14♉59 | 1♏ 6 | 6°R 6 | T 1 |
| F 2 | 12 44 6 | 12°53'49 | 21°21 | 26♈35 | 26°45 | 19° 3 | 19♎58 | 2°33 | 10°36 | 25♍20 | 2♌ 0 | 13♉21 | 14°55 | 1°12 | 6♌ 6 | F 2 |
| S 3 | 12 48 2 | 13°53'14 | 6♉29 | 26°25 | 28° 0 | 19°47 | 19°50 | 2°37 | 10°40 | 25°18 | 2° 0 | 13°D19 | 14°52 | 1°19 | 6° 5 | S 3 |
| S 4 | 12 51 59 | 14°52'38 | 21°27 | 26° 8 | 29°14 | 20°32 | 19°43 | 2°41 | 10°43 | 25°16 | 2° 0 | 13°19 | 14°49 | 1°26 | 6° 5 | S 4 |
| M 5 | 12 55 55 | 15°51'59 | 6♊ 8 | 25°45 | 0♉28 | 21°17 | 19°35 | 2°44 | 10°47 | 25°15 | 2° 0 | 13°20 | 14°46 | 1°32 | 6° 5 | M 5 |
| T 6 | 12 59 52 | 16°51'18 | 20°27 | 25°15 | 1°43 | 22° 2 | 19°27 | 2°48 | 10°50 | 25°13 | 1°59 | 13°22 | 14°43 | 1°39 | 6° 5 | T 6 |
| W 7 | 13 3 49 | 17°50'34 | 4♋22 | 24°41 | 2°57 | 22°47 | 19°19 | 2°51 | 10°54 | 25°12 | 1°59 | 13°23 | 14°40 | 1°46 | 6°D 5 | W 7 |
| T 8 | 13 7 45 | 18°49'48 | 17°53 | 24° 1 | 4°11 | 23°31 | 19°12 | 2°54 | 10°57 | 25°10 | 1°59 | 13°R24 | 14°36 | 1°52 | 6° 5 | T 8 |
| F 9 | 13 11 42 | 19°49'00 | 1♌ 3 | 23°19 | 5°25 | 24°16 | 19° 4 | 2°58 | 11° 0 | 25° 9 | 1°59 | 13°23 | 14°33 | 1°59 | 6° 5 | F 9 |
| S 10 | 13 15 38 | 20°48'10 | 13°53 | 22°33 | 6°39 | 25° 1 | 18°56 | 3° 1 | 11° 4 | 25° 7 | 1°59 | 13°22 | 14°30 | 2° 6 | 6° 5 | S 10 |
| S 11 | 13 19 35 | 21°47'17 | 26°27 | 21°46 | 7°53 | 25°46 | 18°48 | 3° 4 | 11° 7 | 25° 6 | 1°59 | 13°19 | 14°27 | 2°12 | 6° 6 | S 11 |
| M12 | 13 23 31 | 22°46'22 | 8♍47 | 20°57 | 9° 7 | 26°31 | 18°41 | 3° 7 | 11°10 | 25° 4 | 1°59 | 13°16 | 14°24 | 2°19 | 6° 6 | M12 |
| T 13 | 13 27 28 | 23°45'25 | 20°56 | 20° 9 | 10°22 | 27°16 | 18°33 | 3°10 | 11°14 | 25° 3 | 1°59 | 13°13 | 14°21 | 2°26 | 6° 7 | T 13 |
| W14 | 13 31 24 | 24°44'25 | 2♎56 | 19°22 | 11°36 | 28° 0 | 18°25 | 3°12 | 11°17 | 25° 2 | 1°D59 | 13°10 | 14°17 | 2°32 | 6° 7 | W14 |
| T 15 | 13 35 21 | 25°43'24 | 14°50 | 18°37 | 12°49 | 28°45 | 18°18 | 3°15 | 11°21 | 25° 0 | 1°59 | 13° 7 | 14°14 | 2°39 | 6° 8 | T 15 |
| F 16 | 13 39 17 | 26°42'20 | 26°40 | 17°55 | 14° 3 | 29°30 | 18°10 | 3°18 | 11°24 | 24°59 | 1°59 | 13° 6 | 14°11 | 2°46 | 6° 9 | F 16 |
| S 17 | 13 43 14 | 27°41'15 | 8♏28 | 17°16 | 15°17 | 0♓15 | 18° 3 | 3°20 | 11°27 | 24°58 | 1°59 | 13°D 5 | 14° 8 | 2°52 | 6°10 | S 17 |
| S 18 | 13 47 11 | 28°40'07 | 20°16 | 16°40 | 16°31 | 1° 0 | 17°55 | 3°23 | 11°31 | 24°56 | 1°59 | 13° 5 | 14° 5 | 2°59 | 6°11 | S 18 |
| M19 | 13 51 7 | 29°38'58 | 2♐ 7 | 16° 9 | 17°45 | 1°45 | 17°48 | 3°25 | 11°34 | 24°55 | 1°59 | 13° 6 | 14° 1 | 3° 5 | 6°12 | M19 |
| T 20 | 13 55 4 | 0♉37'47 | 14° 3 | 15°43 | 18°59 | 2°30 | 17°40 | 3°27 | 11°37 | 24°54 | 1°59 | 13° 7 | 13°58 | 3°12 | 6°14 | T 20 |
| W21 | 13 59 0 | 1°36'34 | 26° 8 | 15°22 | 20°13 | 3°15 | 17°33 | 3°29 | 11°40 | 24°52 | 1°59 | 13° 8 | 13°55 | 3°19 | 6°15 | W21 |
| T 22 | 14 2 57 | 2°35'20 | 8♑25 | 15° 6 | 21°26 | 4° 0 | 17°26 | 3°31 | 11°44 | 24°51 | 1°59 | 13° 9 | 13°52 | 3°25 | 6°17 | T 22 |
| F 23 | 14 6 53 | 3°34'03 | 20°58 | 14°55 | 22°40 | 4°45 | 17°18 | 3°33 | 11°47 | 24°50 | 2° 0 | 13°10 | 13°49 | 3°32 | 6°18 | F 23 |
| S 24 | 14 10 50 | 4°32'45 | 3♒51 | 14°49 | 23°54 | 5°30 | 17°11 | 3°35 | 11°50 | 24°49 | 2° 0 | 13°R10 | 13°46 | 3°39 | 6°20 | S 24 |
| S 25 | 14 14 47 | 5°31'26 | 17° 7 | 14°D48 | 25° 8 | 6°15 | 17° 4 | 3°37 | 11°53 | 24°47 | 2° 0 | 13°10 | 13°42 | 3°45 | 6°22 | S 25 |
| M26 | 14 18 43 | 6°30'04 | 0♓49 | 14°53 | 26°21 | 7° 0 | 16°57 | 3°39 | 11°57 | 24°46 | 2° 0 | 13° 9 | 13°39 | 3°52 | 6°24 | M26 |
| T 27 | 14 22 40 | 7°28'41 | 14°56 | 15° 2 | 27°35 | 7°45 | 16°50 | 3°40 | 12° 0 | 24°45 | 2° 1 | 13° 9 | 13°36 | 3°59 | 6°26 | T 27 |
| W28 | 14 26 36 | 8°27'17 | 29°29 | 15°17 | 28°48 | 8°30 | 16°44 | 3°42 | 12° 3 | 24°44 | 2° 1 | 13° 8 | 13°33 | 4° 5 | 6°28 | W28 |
| T 29 | 14 30 33 | 9°25'50 | 14♈22 | 15°36 | 0♊ 2 | 9°15 | 16°37 | 3°43 | 12° 6 | 24°43 | 2° 1 | 13° 8 | 13°30 | 4°12 | 6°30 | T 29 |
| F 30 | 14 34 29 | 10♉24'22 | 29♈29 | 16♈ 0 | 1♊15 | 9♓59 | 16♎30 | 3♒44 | 12♈ 9 | 24♍42 | 2♌ 2 | 13♉ 8 | 13♉26 | 4♏19 | 6♌32 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n42 | 0s27 | 3s 9 | 13n18 | 3n16 | 9n 2 | 0s53 | 16s25 | 1s10 | 6s24 | 1n33 | 19s33 | 0n 1 | 3n33 | 0s41 | 2n53 | 1n 8 | 21n51 | 2n14 | 15n49 | 16n18 | 10s40 | 11n34 | 7s21 |
| F 2 | 5 5 | 6n29 | 1 58 | 13 20 | 3 19 | 9 30 | 0 51 | 16 12 | 1 11 | 6 21 | 1 34 | 19 32 | 0 1 | 3 34 | 0 41 | 2 54 | 1 8 | 21 51 | 2 14 | 15 49 | 16 17 | 10 43 | 11 35 | 7 21 |
| S 3 | 5 28 | 13 4 | 0 37 | 13 18 | 3 21 | 9 59 | 0 49 | 15 59 | 1 12 | 6 18 | 1 34 | 19 31 | 0 1 | 3 35 | 0 41 | 2 54 | 1 8 | 21 51 | 2 14 | 15 48 | 16 16 | 10 46 | 11 36 | 7 20 |
| S 4 | 5 51 | 18 48 | 0n45 | 13 11 | 3 21 | 10 27 | 0 47 | 15 45 | 1 12 | 6 15 | 1 34 | 19 31 | 0 0 | 3 37 | 0 41 | 2 55 | 1 8 | 21 51 | 2 14 | 15 48 | 16 15 | 10 49 | 11 37 | 7 19 |
| M 5 | 6 14 | 23 17 | 2 2 | 13 1 | 3 19 | 10 55 | 0 44 | 15 32 | 1 13 | 6 12 | 1 34 | 19 30 | 0 0 | 3 38 | 0 41 | 2 55 | 1 8 | 21 51 | 2 14 | 15 48 | 16 14 | 10 53 | 11 37 | 7 18 |
| T 6 | 6 37 | 26 12 | 3 10 | 12 47 | 3 15 | 11 23 | 0 42 | 15 18 | 1 14 | 6 9 | 1 34 | 19 29 | 0 0 | 3 39 | 0 41 | 2 56 | 1 8 | 21 51 | 2 14 | 15 49 | 16 13 | 10 56 | 11 38 | 7 18 |
| W 7 | 6 59 | 27 24 | 4 5 | 12 29 | 3 10 | 11 50 | 0 40 | 15 4 | 1 15 | 6 6 | 1 34 | 19 28 | 0 0 | 3 41 | 0 41 | 2 57 | 1 8 | 21 51 | 2 14 | 15 49 | 16 12 | 10 59 | 11 39 | 7 17 |
| T 8 | 7 22 | 26 53 | 4 44 | 12 8 | 3 3 | 12 17 | 0 38 | 14 50 | 1 15 | 6 3 | 1 34 | 19 28 | 0 0 | 3 42 | 0 41 | 2 57 | 1 8 | 21 51 | 2 14 | 15 49 | 16 11 | 11 2 | 11 40 | 7 16 |
| F 9 | 7 44 | 24 53 | 5 8 | 11 44 | 2 55 | 12 44 | 0 36 | 14 36 | 1 16 | 6 0 | 1 34 | 19 27 | 0 0 | 3 43 | 0 41 | 2 58 | 1 8 | 21 51 | 2 14 | 15 49 | 16 10 | 11 5 | 11 40 | 7 15 |
| S 10 | 8 6 | 21 39 | 5 15 | 11 18 | 2 45 | 13 11 | 0 33 | 14 22 | 1 17 | 5 57 | 1 34 | 19 26 | 0 0 | 3 45 | 0 41 | 2 58 | 1 8 | 21 51 | 2 14 | 15 49 | 16 9 | 11 8 | 11 41 | 7 14 |
| S 11 | 8 28 | 17 28 | 5 7 | 10 50 | 2 33 | 13 37 | 0 31 | 14 7 | 1 18 | 5 54 | 1 34 | 19 26 | 0s 0 | 3 46 | 0 41 | 2 59 | 1 8 | 21 51 | 2 14 | 15 48 | 16 8 | 11 11 | 11 42 | 7 14 |
| M12 | 8 50 | 12 39 | 4 44 | 10 20 | 2 20 | 14 3 | 0 29 | 13 53 | 1 18 | 5 52 | 1 34 | 19 25 | 0 0 | 3 47 | 0 41 | 3 0 | 1 8 | 21 51 | 2 14 | 15 47 | 16 7 | 11 14 | 11 42 | 7 13 |
| T 13 | 9 12 | 7 25 | 4 10 | 9 49 | 2 6 | 14 29 | 0 26 | 13 38 | 1 19 | 5 49 | 1 34 | 19 25 | 0 0 | 3 49 | 0 41 | 3 0 | 1 8 | 21 51 | 2 14 | 15 46 | 16 6 | 11 17 | 11 43 | 7 12 |
| W14 | 9 34 | 1 57 | 3 24 | 9 17 | 1 52 | 14 54 | 0 24 | 13 23 | 1 20 | 5 46 | 1 34 | 19 24 | 0 0 | 3 50 | 0 41 | 3 1 | 1 8 | 21 51 | 2 14 | 15 45 | 16 5 | 11 20 | 11 43 | 7 11 |
| T 15 | 9 55 | 3s32 | 2 30 | 8 46 | 1 36 | 15 19 | 0 22 | 13 8 | 1 20 | 5 43 | 1 33 | 19 23 | 0 0 | 3 51 | 0 41 | 3 1 | 1 8 | 21 51 | 2 14 | 15 45 | 16 4 | 11 23 | 11 44 | 7 11 |
| F 16 | 10 17 | 8 52 | 1 30 | 8 15 | 1 20 | 15 43 | 0 19 | 12 53 | 1 21 | 5 40 | 1 33 | 19 23 | 0 0 | 3 53 | 0 41 | 3 2 | 1 8 | 21 51 | 2 14 | 15 44 | 16 4 | 11 27 | 11 45 | 7 10 |
| S 17 | 10 38 | 13 54 | 0 26 | 7 45 | 1 4 | 16 7 | 0 17 | 12 38 | 1 22 | 5 37 | 1 33 | 19 22 | 0 1 | 3 54 | 0 41 | 3 2 | 1 8 | 21 51 | 2 14 | 15 44 | 16 3 | 11 30 | 11 45 | 7 9 |
| S 18 | 10 59 | 18 25 | 0s40 | 7 16 | 0 47 | 16 31 | 0 14 | 12 23 | 1 23 | 5 35 | 1 33 | 19 22 | 0 1 | 3 55 | 0 41 | 3 3 | 1 8 | 21 51 | 2 14 | 15 44 | 16 2 | 11 33 | 11 46 | 7 8 |
| M19 | 11 19 | 22 14 | 1 44 | 6 49 | 0 30 | 16 54 | 0 12 | 12 8 | 1 23 | 5 32 | 1 33 | 19 22 | 0 1 | 3 56 | 0 41 | 3 3 | 1 8 | 21 51 | 2 14 | 15 44 | 16 1 | 11 36 | 11 46 | 7 8 |
| T 20 | 11 40 | 25 8 | 2 43 | 6 23 | 0 14 | 17 17 | 0 9 | 11 52 | 1 24 | 5 29 | 1 33 | 19 21 | 0 1 | 3 58 | 0 41 | 3 4 | 1 8 | 21 51 | 2 14 | 15 44 | 16 0 | 11 39 | 11 46 | 7 7 |
| W21 | 12 0 | 26 56 | 3 37 | 6 0 | 0s 2 | 17 39 | 0 6 | 11 37 | 1 25 | 5 26 | 1 33 | 19 21 | 0 1 | 3 59 | 0 41 | 3 4 | 1 8 | 21 51 | 2 14 | 15 45 | 15 59 | 11 42 | 11 47 | 7 6 |
| T 22 | 12 21 | 27 28 | 4 21 | 5 39 | 0 18 | 18 1 | 0 4 | 11 21 | 1 25 | 5 24 | 1 33 | 19 20 | 0 1 | 4 0 | 0 41 | 3 5 | 1 8 | 21 51 | 2 14 | 15 45 | 15 58 | 11 45 | 11 47 | 7 5 |
| F 23 | 12 41 | 26 36 | 4 54 | 5 21 | 0 33 | 18 23 | 0 1 | 11 5 | 1 26 | 5 21 | 1 33 | 19 20 | 0 1 | 4 2 | 0 41 | 3 5 | 1 8 | 21 51 | 2 14 | 15 45 | 15 57 | 11 48 | 11 48 | 7 4 |
| S 24 | 13 0 | 24 19 | 5 13 | 5 5 | 0 48 | 18 44 | 0n 1 | 10 49 | 1 27 | 5 18 | 1 33 | 19 20 | 0 1 | 4 3 | 0 41 | 3 6 | 1 8 | 21 51 | 2 14 | 15 45 | 15 56 | 11 51 | 11 48 | 7 4 |
| S 25 | 13 20 | 20 42 | 5 17 | 4 52 | 1 2 | 19 4 | 0 4 | 10 33 | 1 28 | 5 16 | 1 33 | 19 19 | 0 1 | 4 4 | 0 41 | 3 6 | 1 8 | 21 51 | 2 14 | 15 45 | 15 55 | 11 54 | 11 48 | 7 3 |
| M26 | 13 39 | 15 53 | 5 3 | 4 42 | 1 15 | 19 24 | 0 7 | 10 17 | 1 28 | 5 13 | 1 33 | 19 19 | 0 1 | 4 5 | 0 41 | 3 7 | 1 8 | 21 51 | 2 14 | 15 45 | 15 54 | 11 57 | 11 49 | 7 2 |
| T 27 | 13 59 | 10 4 | 4 30 | 4 34 | 1 28 | 19 43 | 0 9 | 10 1 | 1 29 | 5 11 | 1 32 | 19 19 | 0 1 | 4 6 | 0 41 | 3 7 | 1 8 | 21 51 | 2 14 | 15 45 | 15 53 | 12 0 | 11 49 | 7 1 |
| W28 | 14 17 | 3 34 | 3 40 | 4 28 | 1 40 | 20 2 | 0 12 | 9 45 | 1 30 | 5 8 | 1 32 | 19 18 | 0 1 | 4 8 | 0 41 | 3 7 | 1 8 | 21 51 | 2 14 | 15 45 | 15 52 | 12 3 | 11 49 | 7 1 |
| T 29 | 14 36 | 3n18 | 2 33 | 4 25 | 1 51 | 20 21 | 0 14 | 9 29 | 1 30 | 5 6 | 1 32 | 19 18 | 0 1 | 4 9 | 0 41 | 3 8 | 1 8 | 21 51 | 2 14 | 15 45 | 15 51 | 12 6 | 11 49 | 7 0 |
| F 30 | 14n55 | 10n 6 | 1s15 | 4n25 | 2s 1 | 20n39 | 0n17 | 9s13 | 1s31 | 5s 3 | 1n32 | 19s18 | 0s 2 | 4n10 | 0s41 | 3n 8 | 1n 8 | 21n51 | 2n14 | 15n45 | 15n50 | 12s 9 | 11n50 | 6s59 |

Julian Day Number = 2609420.5, Delta T = 10m14s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'01, Lahiri = 29°54'03


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## MAY 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 38 26 | 11♉22'53 | 14♉41 | 16♈28 | 2♊29 | 10♓44 | 16°R24 | 3♒45 | 12♈12 | 24°R41 | 2♌ 2 | 13°D 8 | 13♉23 | 4♏25 | 6♌34 | S 1 |
| S 2 | 14 42 22 | 12°21'21 | 29°48 | 17° 0 | 3°42 | 11°29 | 16♎18 | 3°47 | 12°15 | 24♍40 | 2° 3 | 13♉ 8 | 13°20 | 4°32 | 6°37 | S 2 |
| M 3 | 14 46 19 | 13°19'48 | 14♊42 | 17°36 | 4°56 | 12°14 | 16°11 | 3°48 | 12°18 | 24°39 | 2° 3 | 13°R 8 | 13°17 | 4°39 | 6°39 | M 3 |
| T 4 | 14 50 15 | 14°18'12 | 29°15 | 18°16 | 6° 9 | 12°59 | 16° 5 | 3°48 | 12°21 | 24°38 | 2° 4 | 13° 8 | 13°14 | 4°45 | 6°42 | T 4 |
| W 5 | 14 54 12 | 15°16'35 | 13♋23 | 19° 0 | 7°22 | 13°44 | 15°59 | 3°49 | 12°24 | 24°37 | 2° 4 | 13° 7 | 13°11 | 4°52 | 6°45 | W 5 |
| T 6 | 14 58 9 | 16°14'55 | 27° 5 | 19°47 | 8°36 | 14°29 | 15°53 | 3°50 | 12°27 | 24°36 | 2° 5 | 13° 7 | 13° 7 | 4°58 | 6°48 | T 6 |
| F 7 | 15 2 5 | 17°13'14 | 10♌20 | 20°38 | 9°49 | 15°14 | 15°48 | 3°51 | 12°30 | 24°35 | 2° 5 | 13° 7 | 13° 4 | 5° 5 | 6°51 | F 7 |
| S 8 | 15 6 2 | 18°11'30 | 23°11 | 21°32 | 11° 2 | 15°59 | 15°42 | 3°51 | 12°33 | 24°34 | 2° 6 | 13°D 7 | 13° 1 | 5°12 | 6°54 | S 8 |
| S 9 | 15 9 58 | 19° 9'44 | 5♍42 | 22°29 | 12°16 | 16°44 | 15°37 | 3°51 | 12°36 | 24°33 | 2° 6 | 13° 7 | 12°58 | 5°18 | 6°57 | S 9 |
| M10 | 15 13 55 | 20° 7'56 | 17°56 | 23°29 | 13°29 | 17°29 | 15°31 | 3°52 | 12°39 | 24°33 | 2° 7 | 13° 8 | 12°55 | 5°25 | 7° 0 | M10 |
| T 11 | 15 17 51 | 21° 6'06 | 29°58 | 24°32 | 14°42 | 18°14 | 15°26 | 3°52 | 12°42 | 24°32 | 2° 8 | 13° 8 | 12°52 | 5°32 | 7° 3 | T 11 |
| W12 | 15 21 48 | 22° 4'15 | 11♎52 | 25°37 | 15°55 | 18°58 | 15°21 | 3°52 | 12°45 | 24°31 | 2° 8 | 13° 9 | 12°48 | 5°38 | 7° 7 | W12 |
| T 13 | 15 25 44 | 23° 2'21 | 23°40 | 26°46 | 17° 8 | 19°43 | 15°16 | 3°R52 | 12°48 | 24°30 | 2° 9 | 13°10 | 12°45 | 5°45 | 7°10 | T 13 |
| F 14 | 15 29 41 | 24° 0'26 | 5♏28 | 27°57 | 18°21 | 20°28 | 15°11 | 3°52 | 12°50 | 24°30 | 2°10 | 13°11 | 12°42 | 5°52 | 7°14 | F 14 |
| S 15 | 15 33 38 | 24°58'29 | 17°16 | 29°10 | 19°34 | 21°13 | 15° 7 | 3°52 | 12°53 | 24°29 | 2°11 | 13°R11 | 12°39 | 5°58 | 7°17 | S 15 |
| S 16 | 15 37 34 | 25°56'30 | 29° 8 | 0♉26 | 20°47 | 21°58 | 15° 2 | 3°52 | 12°56 | 24°29 | 2°11 | 13°10 | 12°36 | 6° 5 | 7°21 | S 16 |
| M17 | 15 41 31 | 26°54'30 | 11♐ 6 | 1°45 | 22° 0 | 22°42 | 14°58 | 3°51 | 12°59 | 24°28 | 2°12 | 13° 9 | 12°32 | 6°12 | 7°25 | M17 |
| T 18 | 15 45 27 | 27°52'29 | 23°12 | 3° 5 | 23°12 | 23°27 | 14°54 | 3°51 | 13° 1 | 24°27 | 2°13 | 13° 7 | 12°29 | 6°18 | 7°29 | T 18 |
| W19 | 15 49 24 | 28°50'26 | 5♑27 | 4°28 | 24°25 | 24°12 | 14°50 | 3°50 | 13° 4 | 24°27 | 2°14 | 13° 5 | 12°26 | 6°25 | 7°33 | W19 |
| T 20 | 15 53 20 | 29°48'21 | 17°54 | 5°54 | 25°38 | 24°57 | 14°46 | 3°49 | 13° 6 | 24°26 | 2°15 | 13° 3 | 12°23 | 6°32 | 7°37 | T 20 |
| F 21 | 15 57 17 | 0♊46'16 | 0♒35 | 7°21 | 26°51 | 25°41 | 14°43 | 3°49 | 13° 9 | 24°26 | 2°16 | 13° 0 | 12°20 | 6°38 | 7°41 | F 21 |
| S 22 | 16 1 14 | 1°44'09 | 13°32 | 8°51 | 28° 3 | 26°26 | 14°39 | 3°48 | 13°12 | 24°25 | 2°16 | 12°59 | 12°17 | 6°45 | 7°45 | S 22 |
| S 23 | 16 5 10 | 2°42'01 | 26°47 | 10°23 | 29°16 | 27°11 | 14°36 | 3°47 | 13°14 | 24°25 | 2°17 | 12°D58 | 12°13 | 6°51 | 7°50 | S 23 |
| M24 | 16 9 7 | 3°39'51 | 10♓22 | 11°57 | 0♋29 | 27°55 | 14°33 | 3°46 | 13°17 | 24°25 | 2°18 | 12°58 | 12°10 | 6°58 | 7°54 | M24 |
| T 25 | 16 13 3 | 4°37'41 | 24°18 | 13°34 | 1°41 | 28°40 | 14°30 | 3°45 | 13°19 | 24°24 | 2°19 | 12°59 | 12° 7 | 7° 5 | 7°58 | T 25 |
| W26 | 16 17 0 | 5°35'29 | 8♈36 | 15°12 | 2°54 | 29°24 | 14°27 | 3°44 | 13°21 | 24°24 | 2°20 | 13° 0 | 12° 4 | 7°11 | 8° 3 | W26 |
| T 27 | 16 20 56 | 6°33'16 | 23°12 | 16°53 | 4° 6 | 0♈ 9 | 14°24 | 3°42 | 13°24 | 24°24 | 2°21 | 13° 1 | 12° 1 | 7°18 | 8° 8 | T 27 |
| F 28 | 16 24 53 | 7°31'02 | 8♉ 2 | 18°36 | 5°19 | 0°54 | 14°22 | 3°41 | 13°26 | 24°23 | 2°22 | 13°R 2 | 11°58 | 7°25 | 8°12 | F 28 |
| S 29 | 16 28 49 | 8°28'47 | 23° 2 | 20°21 | 6°31 | 1°38 | 14°20 | 3°39 | 13°28 | 24°23 | 2°23 | 13° 2 | 11°54 | 7°31 | 8°17 | S 29 |
| S 30 | 16 32 46 | 9°26'31 | 8♊ 2 | 22° 9 | 7°44 | 2°22 | 14°18 | 3°38 | 13°31 | 24°23 | 2°24 | 13° 0 | 11°51 | 7°38 | 8°22 | S 30 |
| M31 | 16 36 43 | 10♊24'14 | 22♊54 | 23♉58 | 8♋56 | 3♈ 7 | 14♎16 | 3♒36 | 13♈33 | 24♍23 | 2♌25 | 12♉58 | 11♉48 | 7♏45 | 8♌27 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 15n13 | 16n21 | 0n 9 | 4n27 | 2s11 | 20n56 | 0n20 | 8s56 | 1s32 | 5s 1 | 1n32 | 19s18 | 0s 2 | 4n11 | 0s41 | 3n 9 | 1n 8 | 21n50 | 2n14 | 15n45 | 15n49 | 12s12 | 11n50 | 6s58 | S 1 |
| S 2 | 15 31 | 21 33 | 1 31 | 4 31 | 2 19 | 21 13 | 0 22 | 8 40 | 1 32 | 4 59 | 1 32 | 19 17 | 0 2 | 4 12 | 0 41 | 3 9 | 1 8 | 21 50 | 2 14 | 15 45 | 15 48 | 12 16 | 11 50 | 6 58 | S 2 |
| M 3 | 15 48 | 25 16 | 2 47 | 4 37 | 2 27 | 21 29 | 0 25 | 8 23 | 1 33 | 4 57 | 1 32 | 19 17 | 0 2 | 4 14 | 0 41 | 3 9 | 1 8 | 21 50 | 2 14 | 15 45 | 15 47 | 12 19 | 11 50 | 6 57 | M 3 |
| T 4 | 16 6 | 27 12 | 3 49 | 4 46 | 2 35 | 21 44 | 0 28 | 8 7 | 1 34 | 4 54 | 1 31 | 19 17 | 0 2 | 4 15 | 0 41 | 3 10 | 1 8 | 21 50 | 2 14 | 15 45 | 15 46 | 12 22 | 11 50 | 6 56 | T 4 |
| W 5 | 16 23 | 27 17 | 4 36 | 4 56 | 2 41 | 21 59 | 0 30 | 7 50 | 1 34 | 4 52 | 1 31 | 19 17 | 0 2 | 4 16 | 0 41 | 3 10 | 1 8 | 21 50 | 2 14 | 15 45 | 15 46 | 12 25 | 11 50 | 6 55 | W 5 |
| T 6 | 16 40 | 25 41 | 5 5 | 5 9 | 2 47 | 22 14 | 0 33 | 7 33 | 1 35 | 4 50 | 1 31 | 19 17 | 0 2 | 4 17 | 0 41 | 3 10 | 1 7 | 21 50 | 2 14 | 15 44 | 15 45 | 12 28 | 11 50 | 6 55 | T 6 |
| F 7 | 16 56 | 22 42 | 5 17 | 5 23 | 2 52 | 22 27 | 0 36 | 7 16 | 1 35 | 4 48 | 1 31 | 19 17 | 0 2 | 4 18 | 0 41 | 3 11 | 1 7 | 21 50 | 2 14 | 15 44 | 15 44 | 12 31 | 11 50 | 6 54 | F 7 |
| S 8 | 17 13 | 18 41 | 5 13 | 5 39 | 2 56 | 22 41 | 0 38 | 7 0 | 1 36 | 4 46 | 1 31 | 19 17 | 0 2 | 4 19 | 0 41 | 3 11 | 1 7 | 21 50 | 2 14 | 15 44 | 15 43 | 12 34 | 11 50 | 6 53 | S 8 |
| S 9 | 17 28 | 13 57 | 4 54 | 5 57 | 2 59 | 22 53 | 0 41 | 6 43 | 1 37 | 4 44 | 1 31 | 19 17 | 0 2 | 4 21 | 0 41 | 3 11 | 1 7 | 21 50 | 2 14 | 15 44 | 15 42 | 12 37 | 11 50 | 6 52 | S 9 |
| M10 | 17 44 | 8 46 | 4 21 | 6 17 | 3 2 | 23 5 | 0 43 | 6 26 | 1 37 | 4 42 | 1 30 | 19 17 | 0 2 | 4 22 | 0 41 | 3 12 | 1 7 | 21 49 | 2 14 | 15 45 | 15 41 | 12 40 | 11 50 | 6 52 | M10 |
| T 11 | 18 0 | 3 21 | 3 38 | 6 38 | 3 4 | 23 16 | 0 46 | 6 9 | 1 38 | 4 40 | 1 30 | 19 17 | 0 2 | 4 23 | 0 41 | 3 12 | 1 7 | 21 49 | 2 14 | 15 45 | 15 40 | 12 43 | 11 50 | 6 51 | T 11 |
| W12 | 18 15 | 2s 8 | 2 45 | 7 0 | 3 6 | 23 27 | 0 48 | 5 52 | 1 39 | 4 39 | 1 30 | 19 17 | 0 3 | 4 24 | 0 41 | 3 12 | 1 7 | 21 49 | 2 14 | 15 45 | 15 39 | 12 46 | 11 50 | 6 50 | W12 |
| T 13 | 18 29 | 7 31 | 1 46 | 7 24 | 3 6 | 23 36 | 0 51 | 5 35 | 1 39 | 4 37 | 1 30 | 19 17 | 0 3 | 4 25 | 0 41 | 3 12 | 1 7 | 21 49 | 2 14 | 15 45 | 15 38 | 12 49 | 11 49 | 6 50 | T 13 |
| F 14 | 18 44 | 12 38 | 0 43 | 7 49 | 3 6 | 23 46 | 0 53 | 5 18 | 1 40 | 4 35 | 1 30 | 19 17 | 0 3 | 4 26 | 0 41 | 3 13 | 1 7 | 21 49 | 2 14 | 15 46 | 15 37 | 12 52 | 11 49 | 6 49 | F 14 |
| S 15 | 18 58 | 17 19 | 0s23 | 8 15 | 3 6 | 23 54 | 0 56 | 5 1 | 1 40 | 4 34 | 1 29 | 19 17 | 0 3 | 4 27 | 0 41 | 3 13 | 1 7 | 21 49 | 2 14 | 15 46 | 15 36 | 12 55 | 11 49 | 6 48 | S 15 |
| S 16 | 19 12 | 21 20 | 1 27 | 8 43 | 3 5 | 24 2 | 0 58 | 4 44 | 1 41 | 4 32 | 1 29 | 19 17 | 0 3 | 4 28 | 0 41 | 3 13 | 1 7 | 21 49 | 2 14 | 15 45 | 15 35 | 12 58 | 11 49 | 6 48 | S 16 |
| M17 | 19 25 | 24 31 | 2 29 | 9 11 | 3 3 | 24 9 | 1 1 | 4 26 | 1 41 | 4 31 | 1 29 | 19 18 | 0 3 | 4 29 | 0 41 | 3 13 | 1 7 | 21 48 | 2 14 | 15 45 | 15 34 | 13 1 | 11 49 | 6 47 | M17 |
| T 18 | 19 38 | 26 36 | 3 24 | 9 41 | 3 1 | 24 15 | 1 3 | 4 9 | 1 42 | 4 29 | 1 29 | 19 18 | 0 3 | 4 30 | 0 41 | 3 14 | 1 7 | 21 48 | 2 14 | 15 45 | 15 33 | 13 4 | 11 48 | 6 46 | T 18 |
| W19 | 19 51 | 27 27 | 4 10 | 10 11 | 2 58 | 24 21 | 1 5 | 3 52 | 1 43 | 4 28 | 1 29 | 19 18 | 0 3 | 4 31 | 0 41 | 3 14 | 1 7 | 21 48 | 2 14 | 15 44 | 15 32 | 13 7 | 11 48 | 6 46 | W19 |
| T 20 | 20 4 | 26 55 | 4 46 | 10 43 | 2 54 | 24 26 | 1 8 | 3 35 | 1 43 | 4 27 | 1 28 | 19 18 | 0 3 | 4 32 | 0 41 | 3 14 | 1 7 | 21 48 | 2 14 | 15 43 | 15 31 | 13 10 | 11 48 | 6 45 | T 20 |
| F 21 | 20 16 | 25 0 | 5 8 | 11 15 | 2 50 | 24 31 | 1 10 | 3 18 | 1 44 | 4 26 | 1 28 | 19 19 | 0 3 | 4 33 | 0 41 | 3 14 | 1 7 | 21 48 | 2 14 | 15 42 | 15 30 | 13 13 | 11 47 | 6 44 | F 21 |
| S 22 | 20 28 | 21 46 | 5 16 | 11 48 | 2 45 | 24 34 | 1 12 | 3 0 | 1 44 | 4 25 | 1 28 | 19 19 | 0 3 | 4 34 | 0 41 | 3 14 | 1 7 | 21 47 | 2 14 | 15 42 | 15 29 | 13 16 | 11 47 | 6 44 | S 22 |
| S 23 | 20 39 | 17 21 | 5 7 | 12 22 | 2 40 | 24 37 | 1 14 | 2 43 | 1 45 | 4 23 | 1 28 | 19 19 | 0 4 | 4 35 | 0 41 | 3 14 | 1 7 | 21 47 | 2 14 | 15 42 | 15 28 | 13 19 | 11 46 | 6 43 | S 23 |
| M24 | 20 50 | 11 59 | 4 40 | 12 56 | 2 35 | 24 39 | 1 16 | 2 26 | 1 45 | 4 23 | 1 27 | 19 19 | 0 4 | 4 36 | 0 41 | 3 15 | 1 7 | 21 47 | 2 15 | 15 42 | 15 27 | 13 22 | 11 46 | 6 42 | M24 |
| T 25 | 21 1 | 5 53 | 3 57 | 13 31 | 2 28 | 24 41 | 1 18 | 2 9 | 1 46 | 4 22 | 1 27 | 19 20 | 0 4 | 4 37 | 0 41 | 3 15 | 1 7 | 21 47 | 2 15 | 15 42 | 15 26 | 13 25 | 11 45 | 6 42 | T 25 |
| W26 | 21 11 | 0n40 | 2 59 | 14 6 | 2 22 | 24 42 | 1 20 | 1 51 | 1 46 | 4 21 | 1 27 | 19 20 | 0 4 | 4 38 | 0 41 | 3 15 | 1 7 | 21 47 | 2 15 | 15 42 | 15 25 | 13 28 | 11 45 | 6 41 | W26 |
| T 27 | 21 21 | 7 20 | 1 47 | 14 42 | 2 14 | 24 42 | 1 22 | 1 34 | 1 47 | 4 20 | 1 27 | 19 21 | 0 4 | 4 39 | 0 41 | 3 15 | 1 7 | 21 46 | 2 15 | 15 43 | 15 24 | 13 31 | 11 44 | 6 40 | T 27 |
| F 28 | 21 31 | 13 43 | 0 27 | 15 17 | 2 7 | 24 41 | 1 24 | 1 17 | 1 47 | 4 19 | 1 27 | 19 21 | 0 4 | 4 40 | 0 41 | 3 15 | 1 7 | 21 46 | 2 15 | 15 43 | 15 23 | 13 34 | 11 44 | 6 40 | F 28 |
| S 29 | 21 40 | 19 22 | 0n55 | 15 53 | 1 59 | 24 40 | 1 26 | 1 0 | 1 48 | 4 19 | 1 26 | 19 21 | 0 4 | 4 40 | 0 41 | 3 15 | 1 7 | 21 46 | 2 15 | 15 43 | 15 22 | 13 37 | 11 43 | 6 39 | S 29 |
| S 30 | 21 49 | 23 47 | 2 13 | 16 29 | 1 50 | 24 38 | 1 28 | 0 43 | 1 48 | 4 18 | 1 26 | 19 22 | 0 4 | 4 41 | 0 41 | 3 15 | 1 7 | 21 46 | 2 15 | 15 42 | 15 21 | 13 40 | 11 43 | 6 38 | S 30 |
| M31 | 21n57 | 26n33 | 3n22 | 17n 5 | 1s41 | 24n35 | 1n30 | 0s25 | 1s48 | 4s18 | 1n26 | 19s22 | 0s 4 | 4n42 | 0s41 | 3n15 | 1n 7 | 21n46 | 2n15 | 15n42 | 15n20 | 13s43 | 11n42 | 6s38 | M31 |

Julian Day Number = 2609450.5, Delta T = 10m14s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'05, Lahiri = 29°54'07


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## JUNE 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 40 39 | 11♊21'56 | 7♋30 | 25♉50 | 10♋ 8 | 3♈51 | 14°R14 | 3°R34 | 13♈35 | 24°R23 | 2♘27 | 12°R54 | 11♉45 | 7♏51 | 8♘32 | T 1 |
| W 2 | 16 44 36 | 12°19'36 | 21°44 | 27°43 | 11°21 | 4°36 | 14♎12 | 3♒32 | 13°37 | 24♍23 | 2°28 | 12♉50 | 11°42 | 7°58 | 8°37 | W 2 |
| T 3 | 16 48 32 | 13°17'14 | 5♘33 | 29°39 | 12°33 | 5°20 | 14°11 | 3°30 | 13°39 | 24°23 | 2°29 | 12°46 | 11°38 | 8° 5 | 8°42 | T 3 |
| F 4 | 16 52 29 | 14°14'51 | 18°54 | 1♊37 | 13°45 | 6° 4 | 14°10 | 3°28 | 13°41 | 24°D23 | 2°30 | 12°42 | 11°35 | 8°11 | 8°47 | F 4 |
| S 5 | 16 56 25 | 15°12'27 | 1♍49 | 3°37 | 14°57 | 6°48 | 14° 9 | 3°26 | 13°43 | 24°23 | 2°31 | 12°40 | 11°32 | 8°18 | 8°52 | S 5 |
| S 6 | 17 0 22 | 16°10'01 | 14°22 | 5°39 | 16° 9 | 7°33 | 14° 8 | 3°24 | 13°45 | 24°23 | 2°32 | 12°D39 | 11°29 | 8°25 | 8°58 | S 6 |
| M 7 | 17 4 18 | 17° 7'34 | 26°36 | 7°43 | 17°21 | 8°17 | 14° 8 | 3°22 | 13°47 | 24°23 | 2°34 | 12°40 | 11°26 | 8°31 | 9° 3 | M 7 |
| T 8 | 17 8 15 | 18° 5'06 | 8♎36 | 9°48 | 18°33 | 9° 1 | 14° 7 | 3°19 | 13°49 | 24°23 | 2°35 | 12°41 | 11°23 | 8°38 | 9° 8 | T 8 |
| W 9 | 17 12 12 | 19° 2'36 | 20°28 | 11°55 | 19°45 | 9°45 | 14° 7 | 3°17 | 13°51 | 24°23 | 2°36 | 12°43 | 11°19 | 8°44 | 9°14 | W 9 |
| T 10 | 17 16 8 | 20° 0'05 | 2♏15 | 14° 3 | 20°57 | 10°29 | 14°D 7 | 3°14 | 13°53 | 24°23 | 2°37 | 12°44 | 11°16 | 8°51 | 9°19 | T 10 |
| F 11 | 17 20 5 | 20°57'33 | 14° 3 | 16°13 | 22° 9 | 11°13 | 14° 7 | 3°12 | 13°55 | 24°23 | 2°39 | 12°R44 | 11°13 | 8°58 | 9°25 | F 11 |
| S 12 | 17 24 1 | 21°55'00 | 25°55 | 18°24 | 23°20 | 11°57 | 14° 7 | 3° 9 | 13°56 | 24°24 | 2°40 | 12°44 | 11°10 | 9° 4 | 9°31 | S 12 |
| S 13 | 17 27 58 | 22°52'26 | 7♐53 | 20°35 | 24°32 | 12°40 | 14° 8 | 3° 6 | 13°58 | 24°24 | 2°41 | 12°41 | 11° 7 | 9°11 | 9°36 | S 13 |
| M14 | 17 31 54 | 23°49'51 | 20° 1 | 22°47 | 25°44 | 13°24 | 14° 8 | 3° 3 | 14° 0 | 24°24 | 2°42 | 12°36 | 11° 4 | 9°18 | 9°42 | M14 |
| T 15 | 17 35 51 | 24°47'15 | 2♑21 | 24°59 | 26°55 | 14° 8 | 14° 9 | 3° 0 | 14° 1 | 24°25 | 2°44 | 12°30 | 11° 0 | 9°24 | 9°48 | T 15 |
| W16 | 17 39 47 | 25°44'38 | 14°52 | 27°11 | 28° 7 | 14°52 | 14°10 | 2°58 | 14° 3 | 24°25 | 2°45 | 12°23 | 10°57 | 9°31 | 9°54 | W16 |
| T 17 | 17 43 44 | 26°42'00 | 27°36 | 29°23 | 29°18 | 15°35 | 14°11 | 2°54 | 14° 5 | 24°25 | 2°46 | 12°15 | 10°54 | 9°38 | 10° 0 | T 17 |
| F 18 | 17 47 41 | 27°39'22 | 10♒33 | 1♋34 | 0♘30 | 16°19 | 14°13 | 2°51 | 14° 6 | 24°26 | 2°48 | 12° 8 | 10°51 | 9°44 | 10° 6 | F 18 |
| S 19 | 17 51 37 | 28°36'44 | 23°43 | 3°45 | 1°41 | 17° 2 | 14°14 | 2°48 | 14° 8 | 24°26 | 2°49 | 12° 2 | 10°48 | 9°51 | 10°12 | S 19 |
| S 20 | 17 55 34 | 29°34'04 | 7♓ 6 | 5°54 | 2°52 | 17°46 | 14°16 | 2°45 | 14° 9 | 24°27 | 2°51 | 11°58 | 10°44 | 9°58 | 10°18 | S 20 |
| M21 | 17 59 30 | 0♋31'25 | 20°43 | 8° 2 | 4° 4 | 18°29 | 14°18 | 2°41 | 14°10 | 24°27 | 2°52 | 11°56 | 10°41 | 10° 4 | 10°24 | M21 |
| T 22 | 18 3 27 | 1°28'45 | 4♈34 | 10° 9 | 5°15 | 19°12 | 14°20 | 2°38 | 14°12 | 24°28 | 2°53 | 11°D55 | 10°38 | 10°11 | 10°31 | T 22 |
| W23 | 18 7 23 | 2°26'04 | 18°40 | 12°14 | 6°26 | 19°56 | 14°22 | 2°35 | 14°13 | 24°28 | 2°55 | 11°56 | 10°35 | 10°17 | 10°37 | W23 |
| T 24 | 18 11 20 | 3°23'24 | 2♉58 | 14°17 | 7°37 | 20°39 | 14°24 | 2°31 | 14°14 | 24°29 | 2°56 | 11°57 | 10°32 | 10°24 | 10°43 | T 24 |
| F 25 | 18 15 16 | 4°20'43 | 17°28 | 16°18 | 8°48 | 21°22 | 14°27 | 2°28 | 14°15 | 24°30 | 2°58 | 11°R57 | 10°29 | 10°31 | 10°50 | F 25 |
| S 26 | 18 19 13 | 5°18'02 | 2♊ 6 | 18°17 | 9°59 | 22° 5 | 14°30 | 2°24 | 14°16 | 24°30 | 2°59 | 11°56 | 10°25 | 10°37 | 10°56 | S 26 |
| S 27 | 18 23 10 | 6°15'20 | 16°46 | 20°15 | 11°10 | 22°48 | 14°33 | 2°20 | 14°17 | 24°31 | 3° 1 | 11°52 | 10°22 | 10°44 | 11° 2 | S 27 |
| M28 | 18 27 6 | 7°12'39 | 1♋22 | 22°10 | 12°21 | 23°31 | 14°36 | 2°16 | 14°18 | 24°32 | 3° 2 | 11°46 | 10°19 | 10°51 | 11° 9 | M28 |
| T 29 | 18 31 3 | 8° 9'57 | 15°47 | 24° 3 | 13°31 | 24°14 | 14°39 | 2°13 | 14°19 | 24°33 | 3° 4 | 11°38 | 10°16 | 10°57 | 11°15 | T 29 |
| W30 | 18 34 59 | 9♋ 7'14 | 29♋55 | 25♋54 | 14♘42 | 24♈57 | 14♎42 | 2♒ 9 | 14♈20 | 24♍33 | 3♘ 5 | 11♉28 | 10♉13 | 11♏ 4 | 11♘22 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 6 | 27n26 | 4n16 | 17n41 | 1s32 | 24n31 | 1n32 | 0s 8 | 1s49 | 4s17 | 1n26 | 19s23 | 0s 4 | 4n43 | 0s41 | 3n15 | 1n 7 | 21n45 | 2n15 | 15n40 | 15n19 | 13s46 | 11n41 | 6s37 |
| W 2 | 22 13 | 26 27 | 4 52 | 18 16 | 1 22 | 24 27 | 1 33 | 0n 9 | 1 49 | 4 17 | 1 25 | 19 23 | 0 4 | 4 44 | 0 41 | 3 15 | 1 7 | 21 45 | 2 15 | 15 39 | 15 18 | 13 49 | 11 41 | 6 37 |
| T 3 | 22 21 | 23 51 | 5 11 | 18 51 | 1 12 | 24 22 | 1 35 | 0 26 | 1 50 | 4 16 | 1 25 | 19 24 | 0 4 | 4 45 | 0 41 | 3 15 | 1 7 | 21 45 | 2 15 | 15 38 | 15 17 | 13 52 | 11 40 | 6 36 |
| F 4 | 22 27 | 20 3 | 5 11 | 19 25 | 1 2 | 24 17 | 1 37 | 0 43 | 1 50 | 4 16 | 1 25 | 19 24 | 0 5 | 4 45 | 0 41 | 3 15 | 1 7 | 21 45 | 2 15 | 15 37 | 15 17 | 13 55 | 11 39 | 6 36 |
| S 5 | 22 34 | 15 24 | 4 56 | 19 59 | 0 52 | 24 10 | 1 38 | 1 0 | 1 51 | 4 16 | 1 25 | 19 25 | 0 5 | 4 46 | 0 41 | 3 15 | 1 7 | 21 44 | 2 15 | 15 36 | 15 16 | 13 58 | 11 38 | 6 35 |
| S 6 | 22 40 | 10 14 | 4 27 | 20 31 | 0 41 | 24 4 | 1 40 | 1 17 | 1 51 | 4 16 | 1 24 | 19 26 | 0 5 | 4 47 | 0 41 | 3 15 | 1 7 | 21 44 | 2 15 | 15 36 | 15 15 | 14 1 | 11 38 | 6 34 |
| M 7 | 22 46 | 4 48 | 3 46 | 21 3 | 0 30 | 23 56 | 1 41 | 1 34 | 1 51 | 4 16 | 1 24 | 19 26 | 0 5 | 4 48 | 0 41 | 3 15 | 1 7 | 21 44 | 2 15 | 15 36 | 15 14 | 14 4 | 11 37 | 6 34 |
| T 8 | 22 51 | 0s43 | 2 56 | 21 33 | 0 20 | 23 48 | 1 42 | 1 51 | 1 52 | 4 16 | 1 24 | 19 27 | 0 5 | 4 48 | 0 41 | 3 15 | 1 7 | 21 44 | 2 15 | 15 37 | 15 13 | 14 7 | 11 36 | 6 33 |
| W 9 | 22 56 | 6 9 | 1 59 | 22 1 | 0 9 | 23 39 | 1 44 | 2 8 | 1 52 | 4 16 | 1 24 | 19 28 | 0 5 | 4 49 | 0 41 | 3 15 | 1 7 | 21 43 | 2 15 | 15 37 | 15 12 | 14 10 | 11 35 | 6 33 |
| T 10 | 23 1 | 11 20 | 0 57 | 22 28 | 0n 2 | 23 29 | 1 45 | 2 25 | 1 52 | 4 16 | 1 23 | 19 28 | 0 5 | 4 50 | 0 41 | 3 15 | 1 7 | 21 43 | 2 15 | 15 37 | 15 11 | 14 13 | 11 34 | 6 32 |
| F 11 | 23 5 | 16 8 | 0s 7 | 22 53 | 0 13 | 23 19 | 1 46 | 2 42 | 1 53 | 4 17 | 1 23 | 19 29 | 0 5 | 4 50 | 0 42 | 3 15 | 1 7 | 21 43 | 2 15 | 15 38 | 15 10 | 14 16 | 11 33 | 6 32 |
| S 12 | 23 8 | 20 21 | 1 11 | 23 16 | 0 23 | 23 8 | 1 47 | 2 59 | 1 53 | 4 17 | 1 23 | 19 30 | 0 5 | 4 51 | 0 42 | 3 14 | 1 7 | 21 43 | 2 15 | 15 37 | 15 9 | 14 19 | 11 32 | 6 31 |
| S 13 | 23 12 | 23 45 | 2 12 | 23 36 | 0 33 | 22 56 | 1 48 | 3 15 | 1 53 | 4 17 | 1 23 | 19 30 | 0 5 | 4 52 | 0 42 | 3 14 | 1 6 | 21 42 | 2 15 | 15 37 | 15 8 | 14 22 | 11 31 | 6 31 |
| M14 | 23 14 | 26 9 | 3 9 | 23 54 | 0 43 | 22 44 | 1 49 | 3 32 | 1 54 | 4 18 | 1 22 | 19 31 | 0 5 | 4 52 | 0 42 | 3 14 | 1 6 | 21 42 | 2 15 | 15 35 | 15 7 | 14 24 | 11 30 | 6 30 |
| T 15 | 23 17 | 27 18 | 3 57 | 24 10 | 0 52 | 22 31 | 1 50 | 3 49 | 1 54 | 4 18 | 1 22 | 19 32 | 0 6 | 4 53 | 0 42 | 3 14 | 1 6 | 21 42 | 2 15 | 15 33 | 15 6 | 14 27 | 11 29 | 6 30 |
| W16 | 23 19 | 27 6 | 4 34 | 24 22 | 1 1 | 22 18 | 1 50 | 4 5 | 1 54 | 4 19 | 1 22 | 19 33 | 0 6 | 4 53 | 0 42 | 3 14 | 1 6 | 21 41 | 2 15 | 15 31 | 15 5 | 14 30 | 11 28 | 6 29 |
| T 17 | 23 21 | 25 28 | 4 58 | 24 33 | 1 10 | 22 4 | 1 51 | 4 22 | 1 54 | 4 20 | 1 21 | 19 33 | 0 6 | 4 54 | 0 42 | 3 14 | 1 6 | 21 41 | 2 15 | 15 29 | 15 4 | 14 33 | 11 27 | 6 29 |
| F 18 | 23 22 | 22 30 | 5 8 | 24 40 | 1 17 | 21 49 | 1 52 | 4 38 | 1 55 | 4 21 | 1 21 | 19 34 | 0 6 | 4 54 | 0 42 | 3 13 | 1 6 | 21 41 | 2 15 | 15 27 | 15 3 | 14 36 | 11 26 | 6 28 |
| S 19 | 23 23 | 18 20 | 5 2 | 24 44 | 1 25 | 21 34 | 1 52 | 4 54 | 1 55 | 4 21 | 1 21 | 19 35 | 0 6 | 4 55 | 0 42 | 3 13 | 1 6 | 21 41 | 2 15 | 15 25 | 15 2 | 14 39 | 11 25 | 6 28 |
| S 20 | 23 23 | 13 12 | 4 39 | 24 46 | 1 31 | 21 18 | 1 52 | 5 11 | 1 55 | 4 22 | 1 21 | 19 36 | 0 6 | 4 56 | 0 42 | 3 13 | 1 6 | 21 40 | 2 15 | 15 23 | 15 1 | 14 42 | 11 24 | 6 27 |
| M21 | 23 23 | 7 22 | 4 1 | 24 45 | 1 37 | 21 1 | 1 53 | 5 27 | 1 55 | 4 23 | 1 20 | 19 37 | 0 6 | 4 56 | 0 42 | 3 13 | 1 6 | 21 40 | 2 15 | 15 23 | 15 0 | 14 45 | 11 23 | 6 27 |
| T 22 | 23 23 | 1 3 | 3 8 | 24 42 | 1 42 | 20 44 | 1 53 | 5 43 | 1 56 | 4 24 | 1 20 | 19 38 | 0 6 | 4 57 | 0 42 | 3 13 | 1 6 | 21 40 | 2 15 | 15 23 | 14 59 | 14 48 | 11 21 | 6 26 |
| W23 | 23 22 | 5n25 | 2 2 | 24 35 | 1 46 | 20 27 | 1 53 | 5 59 | 1 56 | 4 25 | 1 20 | 19 39 | 0 6 | 4 57 | 0 42 | 3 12 | 1 6 | 21 39 | 2 15 | 15 23 | 14 58 | 14 51 | 11 20 | 6 26 |
| T 24 | 23 20 | 11 43 | 0 48 | 24 27 | 1 50 | 20 9 | 1 53 | 6 15 | 1 56 | 4 26 | 1 20 | 19 39 | 0 6 | 4 57 | 0 42 | 3 12 | 1 6 | 21 39 | 2 15 | 15 23 | 14 57 | 14 54 | 11 19 | 6 26 |
| F 25 | 23 19 | 17 29 | 0n30 | 24 15 | 1 53 | 19 50 | 1 53 | 6 31 | 1 56 | 4 28 | 1 19 | 19 40 | 0 6 | 4 58 | 0 42 | 3 12 | 1 6 | 21 39 | 2 15 | 15 23 | 14 56 | 14 57 | 11 18 | 6 25 |
| S 26 | 23 17 | 22 16 | 1 46 | 24 2 | 1 55 | 19 31 | 1 53 | 6 47 | 1 56 | 4 29 | 1 19 | 19 41 | 0 7 | 4 58 | 0 42 | 3 11 | 1 6 | 21 39 | 2 15 | 15 23 | 14 55 | 15 0 | 11 16 | 6 25 |
| S 27 | 23 14 | 25 39 | 2 56 | 23 47 | 1 56 | 19 12 | 1 53 | 7 3 | 1 57 | 4 30 | 1 19 | 19 42 | 0 7 | 4 59 | 0 42 | 3 11 | 1 6 | 21 38 | 2 15 | 15 22 | 14 54 | 15 3 | 11 15 | 6 24 |
| M28 | 23 11 | 27 16 | 3 53 | 23 29 | 1 57 | 18 52 | 1 53 | 7 18 | 1 57 | 4 32 | 1 19 | 19 43 | 0 7 | 4 59 | 0 42 | 3 11 | 1 6 | 21 38 | 2 15 | 15 20 | 14 53 | 15 5 | 11 14 | 6 24 |
| T 29 | 23 8 | 27 0 | 4 35 | 23 10 | 1 57 | 18 31 | 1 52 | 7 34 | 1 57 | 4 33 | 1 18 | 19 44 | 0 7 | 4 59 | 0 42 | 3 10 | 1 6 | 21 38 | 2 16 | 15 17 | 14 52 | 15 8 | 11 12 | 6 23 |
| W30 | 23n 4 | 24n59 | 4n59 | 22n49 | 1n56 | 18n10 | 1n52 | 7n49 | 1s57 | 4s35 | 1n18 | 19s45 | 0s 7 | 5n 0 | 0s42 | 3n10 | 1n 6 | 21n37 | 2n16 | 15n14 | 14n51 | 15s11 | 11n11 | 6s23 |

Julian Day Number = 2609481.5, Delta T = 10m14s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'10, Lahiri = 29°54'11


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## JULY 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 38 56 | 10♋ 4'31 | 13♌41 | 27♋42 | 15♌53 | 25♈39 | 14♎46 | 2°R 5 | 14♈21 | 24♍34 | 3♌ 7 | 11°R19 | 10♉10 | 11♏11 | 11♌29 | T 1 |
| F 2 | 18 42 52 | 11° 1'48 | 27° 2 | 29°29 | 17° 3 | 26°22 | 14°50 | 2♒ 1 | 14°22 | 24°35 | 3° 8 | 11♉11 | 10° 6 | 11°17 | 11°35 | F 2 |
| S 3 | 18 46 49 | 11°59'03 | 9♍59 | 1♌13 | 18°14 | 27° 4 | 14°53 | 1°57 | 14°23 | 24°36 | 3°10 | 11° 5 | 10° 3 | 11°24 | 11°42 | S 3 |
| S 4 | 18 50 46 | 12°56'19 | 22°33 | 2°55 | 19°24 | 27°47 | 14°58 | 1°53 | 14°24 | 24°37 | 3°11 | 11° 1 | 10° 0 | 11°31 | 11°49 | S 4 |
| M 5 | 18 54 42 | 13°53'33 | 4♎48 | 4°34 | 20°35 | 28°29 | 15° 2 | 1°49 | 14°24 | 24°38 | 3°13 | 10°59 | 9°57 | 11°37 | 11°56 | M 5 |
| T 6 | 18 58 39 | 14°50'47 | 16°49 | 6°12 | 21°45 | 29°11 | 15° 6 | 1°45 | 14°25 | 24°39 | 3°15 | 10°D58 | 9°54 | 11°44 | 12° 2 | T 6 |
| W 7 | 19 2 35 | 15°48'01 | 28°40 | 7°47 | 22°55 | 29°53 | 15°11 | 1°41 | 14°26 | 24°40 | 3°16 | 10°59 | 9°50 | 11°51 | 12° 9 | W 7 |
| T 8 | 19 6 32 | 16°45'15 | 10♏28 | 9°20 | 24° 5 | 0♉35 | 15°15 | 1°36 | 14°26 | 24°41 | 3°18 | 10°R59 | 9°47 | 11°57 | 12°16 | T 8 |
| F 9 | 19 10 28 | 17°42'28 | 22°18 | 10°50 | 25°15 | 1°17 | 15°20 | 1°32 | 14°27 | 24°42 | 3°19 | 10°58 | 9°44 | 12° 4 | 12°23 | F 9 |
| S 10 | 19 14 25 | 18°39'41 | 4♐14 | 12°18 | 26°25 | 1°59 | 15°25 | 1°28 | 14°27 | 24°43 | 3°21 | 10°56 | 9°41 | 12°10 | 12°30 | S 10 |
| S 11 | 19 18 21 | 19°36'53 | 16°19 | 13°44 | 27°35 | 2°41 | 15°30 | 1°24 | 14°28 | 24°44 | 3°22 | 10°51 | 9°38 | 12°17 | 12°37 | S 11 |
| M12 | 19 22 18 | 20°34'06 | 28°38 | 15° 8 | 28°45 | 3°22 | 15°36 | 1°19 | 14°28 | 24°45 | 3°24 | 10°44 | 9°35 | 12°24 | 12°44 | M12 |
| T 13 | 19 26 15 | 21°31'18 | 11♑12 | 16°29 | 29°54 | 4° 4 | 15°41 | 1°15 | 14°28 | 24°47 | 3°26 | 10°34 | 9°31 | 12°30 | 12°51 | T 13 |
| W14 | 19 30 11 | 22°28'30 | 24° 2 | 17°48 | 1♍ 4 | 4°45 | 15°47 | 1°11 | 14°29 | 24°48 | 3°27 | 10°23 | 9°28 | 12°37 | 12°58 | W14 |
| T 15 | 19 34 8 | 23°25'43 | 7♒ 6 | 19° 4 | 2°13 | 5°27 | 15°52 | 1° 6 | 14°29 | 24°49 | 3°29 | 10°11 | 9°25 | 12°44 | 13° 5 | T 15 |
| F 16 | 19 38 4 | 24°22'55 | 20°25 | 20°17 | 3°23 | 6° 8 | 15°58 | 1° 2 | 14°29 | 24°50 | 3°31 | 10° 0 | 9°22 | 12°50 | 13°12 | F 16 |
| S 17 | 19 42 1 | 25°20'08 | 3♓56 | 21°28 | 4°32 | 6°49 | 16° 4 | 0°58 | 14°29 | 24°52 | 3°32 | 9°50 | 9°19 | 12°57 | 13°20 | S 17 |
| S 18 | 19 45 57 | 26°17'21 | 17°37 | 22°37 | 5°41 | 7°30 | 16°10 | 0°53 | 14°29 | 24°53 | 3°34 | 9°43 | 9°16 | 13° 4 | 13°27 | S 18 |
| M19 | 19 49 54 | 27°14'35 | 1♈27 | 23°43 | 6°50 | 8°11 | 16°17 | 0°49 | 14°R29 | 24°54 | 3°35 | 9°39 | 9°12 | 13°10 | 13°34 | M19 |
| T 20 | 19 53 50 | 28°11'49 | 15°23 | 24°45 | 7°59 | 8°51 | 16°23 | 0°44 | 14°29 | 24°56 | 3°37 | 9°37 | 9° 9 | 13°17 | 13°41 | T 20 |
| W21 | 19 57 47 | 29° 9'03 | 29°26 | 25°45 | 9° 8 | 9°32 | 16°30 | 0°40 | 14°29 | 24°57 | 3°39 | 9°D36 | 9° 6 | 13°24 | 13°48 | W21 |
| T 22 | 20 1 44 | 0♌ 6'19 | 13♉34 | 26°42 | 10°17 | 10°13 | 16°36 | 0°36 | 14°29 | 24°59 | 3°40 | 9°R36 | 9° 3 | 13°30 | 13°56 | T 22 |
| F 23 | 20 5 40 | 1° 3'34 | 27°47 | 27°36 | 11°26 | 10°53 | 16°43 | 0°31 | 14°29 | 25° 0 | 3°42 | 9°36 | 9° 0 | 13°37 | 14° 3 | F 23 |
| S 24 | 20 9 37 | 2° 0'51 | 12♊ 3 | 28°26 | 12°34 | 11°33 | 16°50 | 0°27 | 14°29 | 25° 1 | 3°44 | 9°33 | 8°56 | 13°43 | 14°10 | S 24 |
| S 25 | 20 13 33 | 2°58'08 | 26°19 | 29°14 | 13°43 | 12°13 | 16°57 | 0°22 | 14°28 | 25° 3 | 3°45 | 9°27 | 8°53 | 13°50 | 14°18 | S 25 |
| M26 | 20 17 30 | 3°55'26 | 10♋31 | 29°57 | 14°51 | 12°53 | 17° 5 | 0°18 | 14°28 | 25° 4 | 3°47 | 9°19 | 8°50 | 13°57 | 14°25 | M26 |
| T 27 | 20 21 26 | 4°52'45 | 24°34 | 0♍37 | 16° 0 | 13°33 | 17°12 | 0°13 | 14°28 | 25° 6 | 3°49 | 9° 9 | 8°47 | 14° 3 | 14°32 | T 27 |
| W28 | 20 25 23 | 5°50'04 | 8♌24 | 1°13 | 17° 8 | 14°13 | 17°19 | 0° 9 | 14°27 | 25° 8 | 3°50 | 8°57 | 8°44 | 14°10 | 14°40 | W28 |
| T 29 | 20 29 19 | 6°47'23 | 21°56 | 1°45 | 18°16 | 14°52 | 17°27 | 0° 5 | 14°27 | 25° 9 | 3°52 | 8°45 | 8°41 | 14°17 | 14°47 | T 29 |
| F 30 | 20 33 16 | 7°44'43 | 5♍ 8 | 2°13 | 19°24 | 15°32 | 17°35 | 0° 0 | 14°26 | 25°11 | 3°53 | 8°34 | 8°37 | 14°23 | 14°54 | F 30 |
| S 31 | 20 37 13 | 8♌42'03 | 18♍ 0 | 2♍37 | 20♍32 | 16♉11 | 17♎43 | 29♑56 | 14♈26 | 25♍12 | 3♌55 | 8♉24 | 8♉34 | 14♏30 | 15♌ 2 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 0 | 21n33 | 5n 5 | 22n26 | 1n54 | 17n49 | 1n51 | 8n 5 | 1s57 | 4s36 | 1n18 | 19s46 | 0s 7 | 5n 0 | 0s42 | 3n10 | 1n 6 | 21n37 | 2n16 | 15n12 | 14n50 | 15s14 | 11n10 | 6s23 |
| F 2 | 22 56 | 17 4 | 4 54 | 22 2 | 1 52 | 17 27 | 1 51 | 8 20 | 1 57 | 4 38 | 1 18 | 19 47 | 0 7 | 5 0 | 0 42 | 3 9 | 1 6 | 21 37 | 2 16 | 15 9 | 14 49 | 15 17 | 11 8 | 6 22 |
| S 3 | 22 51 | 11 56 | 4 28 | 21 37 | 1 49 | 17 5 | 1 50 | 8 35 | 1 57 | 4 40 | 1 17 | 19 48 | 0 7 | 5 1 | 0 42 | 3 9 | 1 6 | 21 36 | 2 16 | 15 7 | 14 48 | 15 20 | 11 7 | 6 22 |
| S 4 | 22 45 | 6 28 | 3 49 | 21 10 | 1 45 | 16 42 | 1 49 | 8 50 | 1 57 | 4 42 | 1 17 | 19 49 | 0 7 | 5 1 | 0 42 | 3 9 | 1 6 | 21 36 | 2 16 | 15 6 | 14 47 | 15 23 | 11 5 | 6 22 |
| M 5 | 22 40 | 0 52 | 3 1 | 20 43 | 1 41 | 16 19 | 1 48 | 9 5 | 1 57 | 4 43 | 1 17 | 19 50 | 0 7 | 5 1 | 0 42 | 3 8 | 1 6 | 21 36 | 2 16 | 15 5 | 14 46 | 15 26 | 11 4 | 6 21 |
| T 6 | 22 34 | 4s40 | 2 5 | 20 14 | 1 37 | 15 55 | 1 47 | 9 20 | 1 57 | 4 45 | 1 17 | 19 51 | 0 7 | 5 1 | 0 42 | 3 8 | 1 6 | 21 35 | 2 16 | 15 5 | 14 45 | 15 29 | 11 2 | 6 21 |
| W 7 | 22 27 | 9 58 | 1 5 | 19 45 | 1 31 | 15 31 | 1 46 | 9 34 | 1 57 | 4 47 | 1 16 | 19 52 | 0 8 | 5 2 | 0 42 | 3 7 | 1 6 | 21 35 | 2 16 | 15 5 | 14 44 | 15 31 | 11 1 | 6 21 |
| T 8 | 22 20 | 14 53 | 0 3 | 19 15 | 1 25 | 15 7 | 1 45 | 9 49 | 1 57 | 4 49 | 1 16 | 19 53 | 0 8 | 5 2 | 0 42 | 3 7 | 1 6 | 21 35 | 2 16 | 15 5 | 14 43 | 15 34 | 10 59 | 6 20 |
| F 9 | 22 13 | 19 16 | 1s 0 | 18 44 | 1 19 | 14 42 | 1 44 | 10 3 | 1 57 | 4 51 | 1 16 | 19 54 | 0 8 | 5 2 | 0 42 | 3 6 | 1 6 | 21 34 | 2 16 | 15 5 | 14 42 | 15 37 | 10 58 | 6 20 |
| S 10 | 22 5 | 22 55 | 2 1 | 18 13 | 1 12 | 14 17 | 1 43 | 10 18 | 1 57 | 4 54 | 1 16 | 19 55 | 0 8 | 5 2 | 0 42 | 3 6 | 1 6 | 21 34 | 2 16 | 15 4 | 14 41 | 15 40 | 10 56 | 6 20 |
| S 11 | 21 57 | 25 36 | 2 56 | 17 41 | 1 4 | 13 52 | 1 41 | 10 32 | 1 57 | 4 56 | 1 16 | 19 56 | 0 8 | 5 2 | 0 42 | 3 6 | 1 6 | 21 34 | 2 16 | 15 3 | 14 40 | 15 43 | 10 54 | 6 19 |
| M12 | 21 49 | 27 8 | 3 45 | 17 9 | 0 56 | 13 26 | 1 40 | 10 46 | 1 57 | 4 58 | 1 15 | 19 57 | 0 8 | 5 2 | 0 42 | 3 5 | 1 6 | 21 33 | 2 16 | 15 1 | 14 39 | 15 46 | 10 53 | 6 19 |
| T 13 | 21 40 | 27 17 | 4 23 | 16 37 | 0 47 | 13 0 | 1 38 | 11 0 | 1 57 | 5 0 | 1 15 | 19 58 | 0 8 | 5 2 | 0 42 | 3 5 | 1 6 | 21 33 | 2 16 | 14 58 | 14 38 | 15 49 | 10 51 | 6 19 |
| W14 | 21 31 | 26 0 | 4 50 | 16 5 | 0 38 | 12 34 | 1 36 | 11 14 | 1 57 | 5 3 | 1 15 | 19 59 | 0 8 | 5 2 | 0 43 | 3 4 | 1 6 | 21 33 | 2 16 | 14 54 | 14 37 | 15 52 | 10 49 | 6 19 |
| T 15 | 21 21 | 23 18 | 5 1 | 15 32 | 0 29 | 12 8 | 1 34 | 11 28 | 1 57 | 5 5 | 1 15 | 20 0 | 0 8 | 5 2 | 0 43 | 3 4 | 1 6 | 21 32 | 2 16 | 14 50 | 14 36 | 15 54 | 10 48 | 6 18 |
| F 16 | 21 12 | 19 20 | 4 57 | 15 0 | 0 19 | 11 41 | 1 32 | 11 41 | 1 57 | 5 8 | 1 14 | 20 1 | 0 8 | 5 3 | 0 43 | 3 3 | 1 6 | 21 32 | 2 16 | 14 47 | 14 35 | 15 57 | 10 46 | 6 18 |
| S 17 | 21 1 | 14 19 | 4 36 | 14 27 | 0 9 | 11 14 | 1 30 | 11 55 | 1 57 | 5 10 | 1 14 | 20 2 | 0 8 | 5 3 | 0 43 | 3 2 | 1 6 | 21 32 | 2 16 | 14 44 | 14 34 | 16 0 | 10 44 | 6 18 |
| S 18 | 20 51 | 8 33 | 3 59 | 13 55 | 0s 2 | 10 46 | 1 28 | 12 8 | 1 57 | 5 13 | 1 14 | 20 3 | 0 9 | 5 3 | 0 43 | 3 2 | 1 6 | 21 31 | 2 16 | 14 42 | 14 33 | 16 3 | 10 43 | 6 18 |
| M19 | 20 40 | 2 18 | 3 7 | 13 23 | 0 13 | 10 19 | 1 26 | 12 22 | 1 57 | 5 15 | 1 14 | 20 4 | 0 9 | 5 3 | 0 43 | 3 1 | 1 6 | 21 31 | 2 17 | 14 40 | 14 32 | 16 6 | 10 41 | 6 17 |
| T 20 | 20 29 | 4n 8 | 2 5 | 12 52 | 0 24 | 9 51 | 1 24 | 12 35 | 1 56 | 5 18 | 1 13 | 20 5 | 0 9 | 5 2 | 0 43 | 3 1 | 1 6 | 21 31 | 2 17 | 14 40 | 14 31 | 16 9 | 10 39 | 6 17 |
| W21 | 20 17 | 10 25 | 0 54 | 12 20 | 0 36 | 9 23 | 1 21 | 12 48 | 1 56 | 5 21 | 1 13 | 20 6 | 0 9 | 5 2 | 0 43 | 3 0 | 1 5 | 21 30 | 2 17 | 14 39 | 14 30 | 16 11 | 10 37 | 6 17 |
| T 22 | 20 5 | 16 13 | 0n21 | 11 50 | 0 48 | 8 54 | 1 19 | 13 0 | 1 56 | 5 23 | 1 13 | 20 7 | 0 9 | 5 2 | 0 43 | 3 0 | 1 5 | 21 30 | 2 17 | 14 39 | 14 29 | 16 14 | 10 35 | 6 17 |
| F 23 | 19 53 | 21 10 | 1 35 | 11 20 | 1 0 | 8 26 | 1 16 | 13 13 | 1 56 | 5 26 | 1 13 | 20 8 | 0 9 | 5 2 | 0 43 | 2 59 | 1 5 | 21 30 | 2 17 | 14 39 | 14 28 | 16 17 | 10 34 | 6 17 |
| S 24 | 19 40 | 24 52 | 2 43 | 10 51 | 1 13 | 7 57 | 1 13 | 13 26 | 1 56 | 5 29 | 1 13 | 20 9 | 0 9 | 5 2 | 0 43 | 2 58 | 1 5 | 21 29 | 2 17 | 14 38 | 14 27 | 16 20 | 10 32 | 6 16 |
| S 25 | 19 27 | 27 0 | 3 40 | 10 23 | 1 26 | 7 29 | 1 11 | 13 38 | 1 55 | 5 32 | 1 12 | 20 10 | 0 9 | 5 2 | 0 43 | 2 58 | 1 5 | 21 29 | 2 17 | 14 37 | 14 26 | 16 23 | 10 30 | 6 16 |
| M26 | 19 14 | 27 21 | 4 24 | 9 55 | 1 39 | 7 0 | 1 8 | 13 50 | 1 55 | 5 35 | 1 12 | 20 11 | 0 9 | 5 2 | 0 43 | 2 57 | 1 5 | 21 29 | 2 17 | 14 34 | 14 25 | 16 26 | 10 28 | 6 16 |
| T 27 | 19 0 | 25 56 | 4 51 | 9 29 | 1 52 | 6 30 | 1 5 | 14 3 | 1 55 | 5 38 | 1 12 | 20 13 | 0 9 | 5 2 | 0 43 | 2 57 | 1 5 | 21 29 | 2 17 | 14 31 | 14 24 | 16 28 | 10 26 | 6 16 |
| W28 | 18 46 | 22 57 | 5 0 | 9 4 | 2 5 | 6 1 | 1 2 | 14 14 | 1 55 | 5 41 | 1 12 | 20 14 | 0 9 | 5 2 | 0 43 | 2 56 | 1 5 | 21 28 | 2 17 | 14 27 | 14 23 | 16 31 | 10 24 | 6 16 |
| T 29 | 18 32 | 18 47 | 4 53 | 8 40 | 2 18 | 5 32 | 0 58 | 14 26 | 1 54 | 5 44 | 1 12 | 20 15 | 0 9 | 5 1 | 0 43 | 2 55 | 1 5 | 21 28 | 2 17 | 14 23 | 14 22 | 16 34 | 10 22 | 6 15 |
| F 30 | 18 17 | 13 47 | 4 29 | 8 18 | 2 32 | 5 2 | 0 55 | 14 38 | 1 54 | 5 47 | 1 11 | 20 16 | 0 10 | 5 1 | 0 43 | 2 55 | 1 5 | 21 28 | 2 17 | 14 19 | 14 21 | 16 37 | 10 20 | 6 15 |
| S 31 | 18n 3 | 8n18 | 3n53 | 7n57 | 2s45 | 4n32 | 0n52 | 14n49 | 1s54 | 5s50 | 1n11 | 20s17 | 0s10 | 5n 1 | 0s43 | 2n54 | 1n 5 | 21n27 | 2n17 | 14n17 | 14n20 | 16s40 | 10n18 | 6s15 |

Julian Day Number = 2609511.5, Delta T = 10m15s
Ecliptic obliquity = 23°23'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'14, Lahiri = 29°54'15


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## AUGUST 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 41 9 | 9♌39'24 | 0♎31 | 2♍56 | 21♍39 | 16♉50 | 17♎51 | 29°R52 | 14°R25 | 25♍14 | 3♌57 | 8°R18 | 8♉31 | 14♏37 | 15♌ 9 | S 1 |
| M 2 | 20 45 6 | 10°36'45 | 12°45 | 3°10 | 22°47 | 17°29 | 17°59 | 29♑47 | 14♈25 | 25°16 | 3°58 | 8♉14 | 8°28 | 14°43 | 15°17 | M 2 |
| T 3 | 20 49 2 | 11°34'06 | 24°45 | 3°20 | 23°54 | 18° 8 | 18° 7 | 29°43 | 14°24 | 25°17 | 4° 0 | 8°12 | 8°25 | 14°50 | 15°24 | T 3 |
| W 4 | 20 52 59 | 12°31'28 | 6♏37 | 3°R25 | 25° 2 | 18°46 | 18°15 | 29°39 | 14°23 | 25°19 | 4° 2 | 8°12 | 8°22 | 14°57 | 15°32 | W 4 |
| T 5 | 20 56 55 | 13°28'51 | 18°25 | 3°25 | 26° 9 | 19°25 | 18°24 | 29°34 | 14°22 | 25°21 | 4° 3 | 8°12 | 8°18 | 15° 3 | 15°39 | T 5 |
| F 6 | 21 0 52 | 14°26'14 | 0♐16 | 3°19 | 27°16 | 20° 3 | 18°32 | 29°30 | 14°22 | 25°23 | 4° 5 | 8°11 | 8°15 | 15°10 | 15°46 | F 6 |
| S 7 | 21 4 48 | 15°23'37 | 12°14 | 3° 9 | 28°23 | 20°41 | 18°41 | 29°26 | 14°21 | 25°25 | 4° 6 | 8° 9 | 8°12 | 15°17 | 15°54 | S 7 |
| S 8 | 21 8 45 | 16°21'01 | 24°24 | 2°53 | 29°29 | 21°19 | 18°50 | 29°22 | 14°20 | 25°26 | 4° 8 | 8° 4 | 8° 9 | 15°23 | 16° 1 | S 8 |
| M 9 | 21 12 42 | 17°18'26 | 6♑51 | 2°32 | 0♎36 | 21°57 | 18°59 | 29°18 | 14°19 | 25°28 | 4°10 | 7°57 | 8° 6 | 15°30 | 16° 9 | M 9 |
| T 10 | 21 16 38 | 18°15'52 | 19°36 | 2° 6 | 1°42 | 22°34 | 19° 8 | 29°14 | 14°18 | 25°30 | 4°11 | 7°47 | 8° 2 | 15°36 | 16°16 | T 10 |
| W11 | 21 20 35 | 19°13'18 | 2♒42 | 1°36 | 2°48 | 23°12 | 19°17 | 29°10 | 14°17 | 25°32 | 4°13 | 7°36 | 7°59 | 15°43 | 16°24 | W11 |
| T 12 | 21 24 31 | 20°10'45 | 16° 7 | 1° 1 | 3°55 | 23°49 | 19°26 | 29° 6 | 14°16 | 25°34 | 4°15 | 7°24 | 7°56 | 15°50 | 16°31 | T 12 |
| F 13 | 21 28 28 | 21° 8'13 | 29°49 | 0°23 | 5° 0 | 24°26 | 19°35 | 29° 2 | 14°15 | 25°36 | 4°16 | 7°13 | 7°53 | 15°56 | 16°39 | F 13 |
| S 14 | 21 32 24 | 22° 5'42 | 13♓45 | 29♌40 | 6° 6 | 25° 3 | 19°44 | 28°58 | 14°13 | 25°38 | 4°18 | 7° 3 | 7°50 | 16° 3 | 16°46 | S 14 |
| S 15 | 21 36 21 | 23° 3'12 | 27°50 | 28°55 | 7°12 | 25°39 | 19°54 | 28°54 | 14°12 | 25°39 | 4°19 | 6°56 | 7°47 | 16°10 | 16°53 | S 15 |
| M16 | 21 40 17 | 24° 0'43 | 12♈ 1 | 28° 8 | 8°17 | 26°16 | 20° 4 | 28°50 | 14°11 | 25°41 | 4°21 | 6°51 | 7°43 | 16°16 | 17° 1 | M16 |
| T 17 | 21 44 14 | 24°58'16 | 26°13 | 27°20 | 9°22 | 26°52 | 20°13 | 28°46 | 14°10 | 25°43 | 4°22 | 6°49 | 7°40 | 16°23 | 17° 8 | T 17 |
| W18 | 21 48 11 | 25°55'50 | 10♉25 | 26°31 | 10°27 | 27°28 | 20°23 | 28°43 | 14° 8 | 25°45 | 4°24 | 6°D49 | 7°37 | 16°30 | 17°16 | W18 |
| T 19 | 21 52 7 | 26°53'25 | 24°34 | 25°43 | 11°32 | 28° 4 | 20°33 | 28°39 | 14° 7 | 25°47 | 4°25 | 6°R49 | 7°34 | 16°36 | 17°23 | T 19 |
| F 20 | 21 56 4 | 27°51'02 | 8♊39 | 24°56 | 12°36 | 28°39 | 20°43 | 28°36 | 14° 5 | 25°49 | 4°27 | 6°49 | 7°31 | 16°43 | 17°31 | F 20 |
| S 21 | 22 0 0 | 28°48'41 | 22°40 | 24°11 | 13°41 | 29°15 | 20°53 | 28°32 | 14° 4 | 25°51 | 4°29 | 6°47 | 7°28 | 16°50 | 17°38 | S 21 |
| S 22 | 22 3 57 | 29°46'21 | 6♋35 | 23°30 | 14°45 | 29°50 | 21° 3 | 28°29 | 14° 3 | 25°53 | 4°30 | 6°42 | 7°24 | 16°56 | 17°45 | S 22 |
| M23 | 22 7 53 | 0♍44'02 | 20°23 | 22°53 | 15°49 | 0♊25 | 21°13 | 28°25 | 14° 1 | 25°55 | 4°32 | 6°35 | 7°21 | 17° 3 | 17°53 | M23 |
| T 24 | 22 11 50 | 1°41'45 | 4♌ 0 | 22°21 | 16°53 | 0°59 | 21°23 | 28°22 | 13°59 | 25°57 | 4°33 | 6°26 | 7°18 | 17°10 | 18° 0 | T 24 |
| W25 | 22 15 46 | 2°39'30 | 17°26 | 21°54 | 17°56 | 1°34 | 21°34 | 28°19 | 13°58 | 26° 0 | 4°35 | 6°15 | 7°15 | 17°16 | 18° 7 | W25 |
| T 26 | 22 19 43 | 3°37'15 | 0♍38 | 21°34 | 19° 0 | 2° 8 | 21°44 | 28°15 | 13°56 | 26° 2 | 4°36 | 6° 5 | 7°12 | 17°23 | 18°15 | T 26 |
| F 27 | 22 23 40 | 4°35'02 | 13°33 | 21°21 | 20° 3 | 2°42 | 21°55 | 28°12 | 13°55 | 26° 4 | 4°37 | 5°55 | 7° 8 | 17°29 | 18°22 | F 27 |
| S 28 | 22 27 36 | 5°32'50 | 26°12 | 21°D15 | 21° 5 | 3°15 | 22° 6 | 28° 9 | 13°53 | 26° 6 | 4°39 | 5°47 | 7° 5 | 17°36 | 18°29 | S 28 |
| S 29 | 22 31 33 | 6°30'40 | 8♎35 | 21°16 | 22° 8 | 3°49 | 22°16 | 28° 6 | 13°51 | 26° 8 | 4°40 | 5°41 | 7° 2 | 17°43 | 18°37 | S 29 |
| M30 | 22 35 29 | 7°28'31 | 20°44 | 21°25 | 23°10 | 4°22 | 22°27 | 28° 3 | 13°49 | 26°10 | 4°42 | 5°37 | 6°59 | 17°49 | 18°44 | M30 |
| T 31 | 22 39 26 | 8♍26'23 | 2♏42 | 21♌42 | 24♎12 | 4♊55 | 22♎38 | 28♑ 0 | 13♈47 | 26♍12 | 4♌43 | 5°D36 | 6♉56 | 17♏56 | 18♌51 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n48 | 2n38 | 3n 5 | 7n38 | 2s58 | 4n 3 | 0n48 | 15n 1 | 1s53 | 5s54 | 1n11 | 20s18 | 0s10 | 5n 1 | 0s43 | 2n53 | 1n 5 | 21n27 | 2n17 | 14n14 | 14n19 | 16s43 | 10n16 | 6s15 |
| M 2 | 17 32 | 3s 1 | 2 10 | 7 21 | 3 11 | 3 33 | 0 45 | 15 12 | 1 53 | 5 57 | 1 11 | 20 19 | 0 10 | 5 0 | 0 43 | 2 53 | 1 5 | 21 27 | 2 17 | 14 13 | 14 18 | 16 45 | 10 14 | 6 15 |
| T 3 | 17 16 | 8 28 | 1 11 | 7 5 | 3 24 | 3 3 | 0 41 | 15 23 | 1 53 | 6 0 | 1 11 | 20 20 | 0 10 | 5 0 | 0 43 | 2 52 | 1 5 | 21 26 | 2 17 | 14 13 | 14 17 | 16 48 | 10 12 | 6 15 |
| W 4 | 17 1 | 13 34 | 0 8 | 6 52 | 3 36 | 2 33 | 0 37 | 15 34 | 1 52 | 6 3 | 1 10 | 20 21 | 0 10 | 5 0 | 0 43 | 2 51 | 1 5 | 21 26 | 2 18 | 14 12 | 14 16 | 16 51 | 10 10 | 6 15 |
| T 5 | 16 44 | 18 8 | 0s54 | 6 41 | 3 48 | 2 3 | 0 34 | 15 45 | 1 52 | 6 7 | 1 10 | 20 21 | 0 10 | 4 59 | 0 43 | 2 51 | 1 5 | 21 26 | 2 18 | 14 12 | 14 15 | 16 54 | 10 8 | 6 15 |
| F 6 | 16 28 | 22 1 | 1 54 | 6 32 | 4 0 | 1 32 | 0 30 | 15 55 | 1 52 | 6 10 | 1 10 | 20 22 | 0 10 | 4 59 | 0 43 | 2 50 | 1 5 | 21 25 | 2 18 | 14 12 | 14 14 | 16 56 | 10 6 | 6 15 |
| S 7 | 16 11 | 25 1 | 2 50 | 6 26 | 4 10 | 1 2 | 0 26 | 16 6 | 1 51 | 6 14 | 1 10 | 20 23 | 0 10 | 4 59 | 0 43 | 2 49 | 1 5 | 21 25 | 2 18 | 14 11 | 14 13 | 16 59 | 10 4 | 6 15 |
| S 8 | 15 54 | 26 55 | 3 39 | 6 22 | 4 20 | 0 32 | 0 22 | 16 16 | 1 51 | 6 17 | 1 10 | 20 24 | 0 10 | 4 58 | 0 43 | 2 48 | 1 5 | 21 25 | 2 18 | 14 10 | 14 11 | 17 2 | 10 2 | 6 14 |
| M 9 | 15 37 | 27 31 | 4 19 | 6 21 | 4 29 | 0 2 | 0 18 | 16 26 | 1 50 | 6 21 | 1 9 | 20 25 | 0 10 | 4 58 | 0 43 | 2 48 | 1 5 | 21 24 | 2 18 | 14 8 | 14 10 | 17 5 | 10 0 | 6 14 |
| T 10 | 15 19 | 26 41 | 4 46 | 6 23 | 4 37 | 0s28 | 0 13 | 16 36 | 1 50 | 6 24 | 1 9 | 20 26 | 0 10 | 4 58 | 0 43 | 2 47 | 1 5 | 21 24 | 2 18 | 14 4 | 14 9 | 17 8 | 9 58 | 6 14 |
| W11 | 15 1 | 24 23 | 5 0 | 6 28 | 4 44 | 0 59 | 0 9 | 16 46 | 1 49 | 6 28 | 1 9 | 20 27 | 0 11 | 4 57 | 0 43 | 2 46 | 1 5 | 21 24 | 2 18 | 14 1 | 14 8 | 17 10 | 9 56 | 6 14 |
| T 12 | 14 43 | 20 42 | 4 58 | 6 35 | 4 49 | 1 29 | 0 5 | 16 56 | 1 49 | 6 31 | 1 9 | 20 28 | 0 11 | 4 57 | 0 43 | 2 45 | 1 5 | 21 23 | 2 18 | 13 57 | 14 7 | 17 13 | 9 53 | 6 14 |
| F 13 | 14 25 | 15 51 | 4 38 | 6 45 | 4 53 | 1 59 | 0 0 | 17 5 | 1 48 | 6 35 | 1 9 | 20 29 | 0 11 | 4 56 | 0 43 | 2 45 | 1 5 | 21 23 | 2 18 | 13 53 | 14 6 | 17 16 | 9 51 | 6 14 |
| S 14 | 14 7 | 10 6 | 4 2 | 6 57 | 4 55 | 2 29 | 0s 4 | 17 15 | 1 48 | 6 39 | 1 9 | 20 30 | 0 11 | 4 56 | 0 43 | 2 44 | 1 5 | 21 23 | 2 18 | 13 50 | 14 5 | 17 19 | 9 49 | 6 14 |
| S 15 | 13 48 | 3 47 | 3 11 | 7 12 | 4 55 | 2 59 | 0 9 | 17 24 | 1 47 | 6 43 | 1 8 | 20 31 | 0 11 | 4 55 | 0 43 | 2 43 | 1 5 | 21 23 | 2 18 | 13 48 | 14 4 | 17 21 | 9 47 | 6 14 |
| M16 | 13 29 | 2n47 | 2 8 | 7 30 | 4 54 | 3 29 | 0 14 | 17 33 | 1 46 | 6 46 | 1 8 | 20 31 | 0 11 | 4 55 | 0 43 | 2 42 | 1 5 | 21 22 | 2 19 | 13 46 | 14 3 | 17 24 | 9 45 | 6 14 |
| T 17 | 13 10 | 9 14 | 0 56 | 7 49 | 4 50 | 3 59 | 0 18 | 17 42 | 1 46 | 6 50 | 1 8 | 20 32 | 0 11 | 4 54 | 0 44 | 2 42 | 1 5 | 21 22 | 2 19 | 13 46 | 14 2 | 17 27 | 9 43 | 6 14 |
| W18 | 12 51 | 15 13 | 0n19 | 8 10 | 4 45 | 4 29 | 0 23 | 17 50 | 1 45 | 6 54 | 1 8 | 20 33 | 0 11 | 4 54 | 0 44 | 2 41 | 1 5 | 21 22 | 2 19 | 13 45 | 14 1 | 17 30 | 9 40 | 6 14 |
| T 19 | 12 31 | 20 22 | 1 33 | 8 33 | 4 38 | 4 59 | 0 28 | 17 59 | 1 45 | 6 58 | 1 8 | 20 34 | 0 11 | 4 53 | 0 44 | 2 40 | 1 5 | 21 21 | 2 19 | 13 46 | 14 0 | 17 32 | 9 38 | 6 14 |
| F 20 | 12 12 | 24 21 | 2 41 | 8 57 | 4 30 | 5 29 | 0 33 | 18 8 | 1 44 | 7 2 | 1 8 | 20 35 | 0 11 | 4 53 | 0 44 | 2 39 | 1 5 | 21 21 | 2 19 | 13 45 | 13 59 | 17 35 | 9 36 | 6 14 |
| S 21 | 11 52 | 26 49 | 3 38 | 9 21 | 4 19 | 5 58 | 0 38 | 18 16 | 1 43 | 7 6 | 1 7 | 20 36 | 0 11 | 4 52 | 0 44 | 2 38 | 1 5 | 21 21 | 2 19 | 13 45 | 13 58 | 17 38 | 9 34 | 6 14 |
| S 22 | 11 32 | 27 36 | 4 23 | 9 46 | 4 7 | 6 28 | 0 43 | 18 24 | 1 43 | 7 9 | 1 7 | 20 36 | 0 11 | 4 51 | 0 44 | 2 38 | 1 5 | 21 21 | 2 19 | 13 43 | 13 57 | 17 41 | 9 32 | 6 14 |
| M23 | 11 11 | 26 39 | 4 51 | 10 10 | 3 54 | 6 57 | 0 48 | 18 32 | 1 42 | 7 13 | 1 7 | 20 37 | 0 11 | 4 51 | 0 44 | 2 37 | 1 5 | 21 20 | 2 19 | 13 41 | 13 56 | 17 43 | 9 29 | 6 14 |
| T 24 | 10 51 | 24 7 | 5 3 | 10 35 | 3 39 | 7 27 | 0 54 | 18 40 | 1 41 | 7 17 | 1 7 | 20 38 | 0 12 | 4 50 | 0 44 | 2 36 | 1 5 | 21 20 | 2 19 | 13 38 | 13 55 | 17 46 | 9 27 | 6 15 |
| W25 | 10 30 | 20 18 | 4 58 | 10 58 | 3 23 | 7 56 | 0 59 | 18 47 | 1 40 | 7 21 | 1 7 | 20 39 | 0 12 | 4 49 | 0 44 | 2 35 | 1 5 | 21 20 | 2 19 | 13 35 | 13 54 | 17 49 | 9 25 | 6 15 |
| T 26 | 10 9 | 15 32 | 4 36 | 11 20 | 3 6 | 8 25 | 1 4 | 18 55 | 1 40 | 7 25 | 1 7 | 20 39 | 0 12 | 4 49 | 0 44 | 2 34 | 1 5 | 21 19 | 2 19 | 13 31 | 13 53 | 17 51 | 9 23 | 6 15 |
| F 27 | 9 48 | 10 10 | 4 1 | 11 41 | 2 49 | 8 54 | 1 10 | 19 2 | 1 39 | 7 29 | 1 6 | 20 40 | 0 12 | 4 48 | 0 44 | 2 33 | 1 5 | 21 19 | 2 19 | 13 28 | 13 52 | 17 54 | 9 20 | 6 15 |
| S 28 | 9 27 | 4 29 | 3 14 | 12 0 | 2 31 | 9 22 | 1 15 | 19 9 | 1 38 | 7 34 | 1 6 | 20 41 | 0 12 | 4 47 | 0 44 | 2 33 | 1 5 | 21 19 | 2 20 | 13 25 | 13 51 | 17 57 | 9 18 | 6 15 |
| S 29 | 9 6 | 1s16 | 2 19 | 12 17 | 2 13 | 9 51 | 1 21 | 19 17 | 1 37 | 7 38 | 1 6 | 20 41 | 0 12 | 4 47 | 0 44 | 2 32 | 1 5 | 21 19 | 2 20 | 13 23 | 13 50 | 18 0 | 9 16 | 6 15 |
| M30 | 8 45 | 6 51 | 1 19 | 12 31 | 1 55 | 10 19 | 1 26 | 19 23 | 1 36 | 7 42 | 1 6 | 20 42 | 0 12 | 4 46 | 0 44 | 2 31 | 1 5 | 21 18 | 2 20 | 13 22 | 13 49 | 18 2 | 9 13 | 6 15 |
| T 31 | 8n23 | 12s 8 | 0n16 | 12n43 | 1s37 | 10s47 | 1s32 | 19n30 | 1s35 | 7s46 | 1n 6 | 20s43 | 0s12 | 4n45 | 0s44 | 2n30 | 1n 5 | 21n18 | 2n20 | 13n22 | 13n48 | 18s 5 | 9n11 | 6s15 |

Julian Day Number = 2609542.5, Delta T = 10m15s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'18, Lahiri = 29°54'19


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## SEPTEMBER 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 43 22 | 9♍24'16 | 14♏32 | 22♌ 7 | 25♎14 | 5♊27 | 22♎49 | 27°R58 | 13°R46 | 26♍14 | 4♌45 | 5♉36 | 6♉53 | 18♏ 3 | 18♌58 | W 1 |
| T 2 | 22 47 19 | 10°22'11 | 26°20 | 22°40 | 26°15 | 5°59 | 23° 0 | 27♑55 | 13♈44 | 26°16 | 4°46 | 5°37 | 6°49 | 18° 9 | 19° 6 | T 2 |
| F 3 | 22 51 15 | 11°20'06 | 8♐10 | 23°20 | 27°17 | 6°31 | 23°11 | 27°52 | 13°42 | 26°19 | 4°47 | 5°R38 | 6°46 | 18°16 | 19°13 | F 3 |
| S 4 | 22 55 12 | 12°18'04 | 20° 8 | 24° 8 | 28°17 | 7° 3 | 23°22 | 27°50 | 13°40 | 26°21 | 4°49 | 5°38 | 6°43 | 18°23 | 19°20 | S 4 |
| S 5 | 22 59 9 | 13°16'02 | 2♑19 | 25° 3 | 29°18 | 7°34 | 23°33 | 27°47 | 13°38 | 26°23 | 4°50 | 5°36 | 6°40 | 18°29 | 19°27 | S 5 |
| M 6 | 23 3 5 | 14°14'02 | 14°48 | 26° 6 | 0♏18 | 8° 5 | 23°45 | 27°45 | 13°36 | 26°25 | 4°51 | 5°32 | 6°37 | 18°36 | 19°34 | M 6 |
| T 7 | 23 7 2 | 15°12'03 | 27°38 | 27°15 | 1°18 | 8°36 | 23°56 | 27°43 | 13°34 | 26°27 | 4°53 | 5°26 | 6°34 | 18°43 | 19°41 | T 7 |
| W 8 | 23 10 58 | 16°10'05 | 10♒52 | 28°30 | 2°17 | 9° 7 | 24° 7 | 27°41 | 13°32 | 26°30 | 4°54 | 5°19 | 6°30 | 18°49 | 19°48 | W 8 |
| T 9 | 23 14 55 | 17° 8'09 | 24°30 | 29°51 | 3°17 | 9°37 | 24°19 | 27°38 | 13°30 | 26°32 | 4°55 | 5°11 | 6°27 | 18°56 | 19°55 | T 9 |
| F 10 | 23 18 51 | 18° 6'14 | 8♓30 | 1♍17 | 4°15 | 10° 6 | 24°30 | 27°36 | 13°28 | 26°34 | 4°57 | 5° 3 | 6°24 | 19° 3 | 20° 2 | F 10 |
| S 11 | 23 22 48 | 19° 4'21 | 22°47 | 2°49 | 5°14 | 10°36 | 24°42 | 27°34 | 13°26 | 26°36 | 4°58 | 4°57 | 6°21 | 19° 9 | 20° 9 | S 11 |
| S 12 | 23 26 44 | 20° 2'30 | 7♈17 | 4°24 | 6°12 | 11° 5 | 24°54 | 27°33 | 13°23 | 26°38 | 4°59 | 4°52 | 6°18 | 19°16 | 20°16 | S 12 |
| M13 | 23 30 41 | 21° 0'40 | 21°54 | 6° 4 | 7° 9 | 11°33 | 25° 5 | 27°31 | 13°21 | 26°41 | 5° 0 | 4°49 | 6°14 | 19°22 | 20°23 | M13 |
| T 14 | 23 34 38 | 21°58'53 | 6♉30 | 7°46 | 8° 6 | 12° 2 | 25°17 | 27°29 | 13°19 | 26°43 | 5° 2 | 4°D49 | 6°11 | 19°29 | 20°30 | T 14 |
| W15 | 23 38 34 | 22°57'07 | 21° 1 | 9°32 | 9° 3 | 12°30 | 25°29 | 27°28 | 13°17 | 26°45 | 5° 3 | 4°49 | 6° 8 | 19°36 | 20°37 | W15 |
| T 16 | 23 42 31 | 23°55'23 | 5♊22 | 11°20 | 9°59 | 12°57 | 25°41 | 27°26 | 13°15 | 26°47 | 5° 4 | 4°51 | 6° 5 | 19°42 | 20°43 | T 16 |
| F 17 | 23 46 27 | 24°53'42 | 19°32 | 13° 9 | 10°55 | 13°25 | 25°53 | 27°25 | 13°12 | 26°49 | 5° 5 | 4°R52 | 6° 2 | 19°49 | 20°50 | F 17 |
| S 18 | 23 50 24 | 25°52'02 | 3♋28 | 15° 0 | 11°50 | 13°51 | 26° 5 | 27°23 | 13°10 | 26°52 | 5° 6 | 4°52 | 5°59 | 19°56 | 20°57 | S 18 |
| S 19 | 23 54 20 | 26°50'25 | 17°11 | 16°52 | 12°45 | 14°18 | 26°17 | 27°22 | 13° 8 | 26°54 | 5° 7 | 4°50 | 5°55 | 20° 2 | 21° 3 | S 19 |
| M20 | 23 58 17 | 27°48'50 | 0♌41 | 18°45 | 13°39 | 14°44 | 26°29 | 27°21 | 13° 6 | 26°56 | 5° 8 | 4°46 | 5°52 | 20° 9 | 21°10 | M20 |
| T 21 | 0 2 13 | 28°47'17 | 13°57 | 20°38 | 14°33 | 15° 9 | 26°41 | 27°20 | 13° 3 | 26°58 | 5° 9 | 4°42 | 5°49 | 20°16 | 21°17 | T 21 |
| W22 | 0 6 10 | 29°45'46 | 26°59 | 22°32 | 15°26 | 15°34 | 26°53 | 27°19 | 13° 1 | 27° 1 | 5°11 | 4°36 | 5°46 | 20°22 | 21°23 | W22 |
| T 23 | 0 10 7 | 0♎44'16 | 9♍48 | 24°25 | 16°18 | 15°59 | 27° 6 | 27°18 | 12°59 | 27° 3 | 5°12 | 4°30 | 5°43 | 20°29 | 21°30 | T 23 |
| F 24 | 0 14 3 | 1°42'49 | 22°24 | 26°18 | 17°10 | 16°23 | 27°18 | 27°18 | 12°56 | 27° 5 | 5°13 | 4°25 | 5°39 | 20°36 | 21°36 | F 24 |
| S 25 | 0 18 0 | 2°41'24 | 4♎47 | 28°11 | 18° 2 | 16°47 | 27°30 | 27°17 | 12°54 | 27° 7 | 5°14 | 4°20 | 5°36 | 20°42 | 21°42 | S 25 |
| S 26 | 0 21 56 | 3°40'00 | 16°59 | 0♎ 3 | 18°52 | 17°10 | 27°43 | 27°16 | 12°52 | 27° 9 | 5°15 | 4°17 | 5°33 | 20°49 | 21°49 | S 26 |
| M27 | 0 25 53 | 4°38'38 | 29° 0 | 1°55 | 19°42 | 17°33 | 27°55 | 27°16 | 12°49 | 27°12 | 5°16 | 4°D16 | 5°30 | 20°56 | 21°55 | M27 |
| T 28 | 0 29 49 | 5°37'19 | 10♏53 | 3°46 | 20°31 | 17°55 | 28° 7 | 27°16 | 12°47 | 27°14 | 5°16 | 4°16 | 5°27 | 21° 2 | 22° 1 | T 28 |
| W29 | 0 33 46 | 6°36'01 | 22°42 | 5°36 | 21°20 | 18°17 | 28°20 | 27°15 | 12°44 | 27°16 | 5°17 | 4°17 | 5°24 | 21° 9 | 22° 7 | W29 |
| T 30 | 0 37 42 | 7♎34'44 | 4♐29 | 7♎25 | 22♏ 8 | 18♊38 | 28♎32 | 27♑15 | 12♈42 | 27♍18 | 5♌18 | 4♉19 | 5♉20 | 21♏15 | 22♌13 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n 2 | 16s55 | 0s48 | 12n52 | 1s19 | 11s15 | 1s37 | 19n37 | 1s35 | 7s50 | 1n 6 | 20s43 | 0s12 | 4n45 | 0s44 | 2n29 | 1n 5 | 21n18 | 2n20 | 13n22 | 13n47 | 18s 8 | 9n 9 | 6s15 |
| T 2 | 7 40 | 21 3 | 1 49 | 12 58 | 1 1 | 11 43 | 1 43 | 19 43 | 1 34 | 7 54 | 1 6 | 20 44 | 0 12 | 4 44 | 0 44 | 2 28 | 1 5 | 21 18 | 2 20 | 13 22 | 13 46 | 18 10 | 9 6 | 6 16 |
| F 3 | 7 18 | 24 21 | 2 46 | 13 1 | 0 44 | 12 10 | 1 49 | 19 50 | 1 33 | 7 59 | 1 5 | 20 44 | 0 12 | 4 43 | 0 44 | 2 27 | 1 5 | 21 17 | 2 20 | 13 22 | 13 45 | 18 13 | 9 4 | 6 16 |
| S 4 | 6 56 | 26 37 | 3 36 | 13 1 | 0 28 | 12 38 | 1 55 | 19 56 | 1 32 | 8 3 | 1 5 | 20 45 | 0 12 | 4 42 | 0 44 | 2 27 | 1 5 | 21 17 | 2 20 | 13 22 | 13 44 | 18 16 | 9 2 | 6 16 |
| S 5 | 6 34 | 27 39 | 4 18 | 12 57 | 0 12 | 13 5 | 2 0 | 20 2 | 1 31 | 8 7 | 1 5 | 20 46 | 0 12 | 4 42 | 0 44 | 2 26 | 1 5 | 21 17 | 2 20 | 13 21 | 13 43 | 18 18 | 9 0 | 6 16 |
| M 6 | 6 11 | 27 20 | 4 48 | 12 50 | 0n 3 | 13 31 | 2 6 | 20 8 | 1 30 | 8 11 | 1 5 | 20 46 | 0 12 | 4 41 | 0 44 | 2 25 | 1 5 | 21 17 | 2 20 | 13 20 | 13 42 | 18 21 | 8 57 | 6 16 |
| T 7 | 5 49 | 25 34 | 5 5 | 12 40 | 0 17 | 13 58 | 2 12 | 20 14 | 1 29 | 8 16 | 1 5 | 20 47 | 0 13 | 4 40 | 0 44 | 2 24 | 1 5 | 21 17 | 2 21 | 13 18 | 13 41 | 18 24 | 8 55 | 6 16 |
| W 8 | 5 27 | 22 22 | 5 6 | 12 27 | 0 30 | 14 24 | 2 18 | 20 19 | 1 28 | 8 20 | 1 5 | 20 47 | 0 13 | 4 39 | 0 44 | 2 23 | 1 5 | 21 16 | 2 21 | 13 16 | 13 39 | 18 26 | 8 53 | 6 17 |
| T 9 | 5 4 | 17 53 | 4 50 | 12 10 | 0 43 | 14 50 | 2 24 | 20 25 | 1 27 | 8 24 | 1 5 | 20 48 | 0 13 | 4 38 | 0 44 | 2 22 | 1 5 | 21 16 | 2 21 | 13 13 | 13 38 | 18 29 | 8 50 | 6 17 |
| F 10 | 4 42 | 12 20 | 4 17 | 11 50 | 0 54 | 15 16 | 2 30 | 20 30 | 1 26 | 8 29 | 1 5 | 20 48 | 0 13 | 4 38 | 0 44 | 2 21 | 1 5 | 21 16 | 2 21 | 13 11 | 13 37 | 18 32 | 8 48 | 6 17 |
| S 11 | 4 19 | 6 2 | 3 27 | 11 27 | 1 4 | 15 41 | 2 36 | 20 36 | 1 24 | 8 33 | 1 4 | 20 49 | 0 13 | 4 37 | 0 44 | 2 21 | 1 5 | 21 16 | 2 21 | 13 8 | 13 36 | 18 34 | 8 46 | 6 17 |
| S 12 | 3 56 | 0n41 | 2 23 | 11 0 | 1 13 | 16 6 | 2 42 | 20 41 | 1 23 | 8 37 | 1 4 | 20 49 | 0 13 | 4 36 | 0 44 | 2 20 | 1 5 | 21 16 | 2 21 | 13 7 | 13 35 | 18 37 | 8 43 | 6 17 |
| M13 | 3 33 | 7 26 | 1 9 | 10 31 | 1 21 | 16 31 | 2 48 | 20 46 | 1 22 | 8 42 | 1 4 | 20 49 | 0 13 | 4 35 | 0 44 | 2 19 | 1 5 | 21 15 | 2 21 | 13 6 | 13 34 | 18 40 | 8 41 | 6 18 |
| T 14 | 3 10 | 13 48 | 0n 9 | 10 0 | 1 28 | 16 55 | 2 54 | 20 51 | 1 21 | 8 46 | 1 4 | 20 50 | 0 13 | 4 34 | 0 44 | 2 18 | 1 5 | 21 15 | 2 21 | 13 6 | 13 33 | 18 42 | 8 39 | 6 18 |
| W15 | 2 47 | 19 22 | 1 27 | 9 25 | 1 34 | 17 19 | 3 0 | 20 56 | 1 20 | 8 50 | 1 4 | 20 50 | 0 13 | 4 33 | 0 44 | 2 17 | 1 5 | 21 15 | 2 21 | 13 6 | 13 32 | 18 45 | 8 36 | 6 18 |
| T 16 | 2 24 | 23 45 | 2 38 | 8 49 | 1 38 | 17 43 | 3 6 | 21 0 | 1 18 | 8 55 | 1 4 | 20 50 | 0 13 | 4 32 | 0 44 | 2 16 | 1 5 | 21 15 | 2 22 | 13 6 | 13 31 | 18 48 | 8 34 | 6 18 |
| F 17 | 2 1 | 26 37 | 3 39 | 8 11 | 1 42 | 18 6 | 3 12 | 21 5 | 1 17 | 8 59 | 1 4 | 20 51 | 0 13 | 4 32 | 0 44 | 2 15 | 1 5 | 21 15 | 2 22 | 13 7 | 13 30 | 18 50 | 8 32 | 6 19 |
| S 18 | 1 38 | 27 46 | 4 26 | 7 31 | 1 45 | 18 29 | 3 18 | 21 9 | 1 16 | 9 4 | 1 4 | 20 51 | 0 13 | 4 31 | 0 44 | 2 14 | 1 5 | 21 14 | 2 22 | 13 7 | 13 29 | 18 53 | 8 29 | 6 19 |
| S 19 | 1 15 | 27 11 | 4 57 | 6 49 | 1 47 | 18 52 | 3 24 | 21 14 | 1 15 | 9 8 | 1 4 | 20 51 | 0 13 | 4 30 | 0 44 | 2 14 | 1 5 | 21 14 | 2 22 | 13 6 | 13 28 | 18 55 | 8 27 | 6 19 |
| M20 | 0 52 | 25 0 | 5 10 | 6 6 | 1 49 | 19 14 | 3 30 | 21 18 | 1 13 | 9 13 | 1 3 | 20 52 | 0 13 | 4 29 | 0 44 | 2 13 | 1 5 | 21 14 | 2 22 | 13 5 | 13 27 | 18 58 | 8 25 | 6 19 |
| T 21 | 0 29 | 21 30 | 5 7 | 5 22 | 1 49 | 19 36 | 3 36 | 21 22 | 1 12 | 9 17 | 1 3 | 20 52 | 0 13 | 4 28 | 0 44 | 2 12 | 1 5 | 21 14 | 2 22 | 13 3 | 13 26 | 19 1 | 8 22 | 6 20 |
| W22 | 0 6 | 17 0 | 4 48 | 4 37 | 1 49 | 19 58 | 3 42 | 21 26 | 1 10 | 9 21 | 1 3 | 20 52 | 0 14 | 4 27 | 0 44 | 2 11 | 1 5 | 21 14 | 2 22 | 13 1 | 13 25 | 19 3 | 8 20 | 6 20 |
| T 23 | 0s18 | 11 48 | 4 14 | 3 52 | 1 48 | 20 19 | 3 48 | 21 30 | 1 9 | 9 26 | 1 3 | 20 52 | 0 14 | 4 26 | 0 44 | 2 10 | 1 5 | 21 14 | 2 22 | 13 0 | 13 24 | 19 6 | 8 18 | 6 20 |
| F 24 | 0 41 | 6 13 | 3 29 | 3 5 | 1 46 | 20 39 | 3 54 | 21 34 | 1 8 | 9 30 | 1 3 | 20 53 | 0 14 | 4 25 | 0 44 | 2 9 | 1 5 | 21 14 | 2 22 | 12 58 | 13 23 | 19 8 | 8 15 | 6 21 |
| S 25 | 1 4 | 0 28 | 2 34 | 2 18 | 1 44 | 21 0 | 4 0 | 21 38 | 1 6 | 9 35 | 1 3 | 20 53 | 0 14 | 4 24 | 0 44 | 2 8 | 1 5 | 21 13 | 2 23 | 12 56 | 13 22 | 19 11 | 8 13 | 6 21 |
| S 26 | 1 27 | 5s13 | 1 33 | 1 31 | 1 41 | 21 20 | 4 6 | 21 42 | 1 5 | 9 39 | 1 3 | 20 53 | 0 14 | 4 23 | 0 44 | 2 7 | 1 5 | 21 13 | 2 23 | 12 55 | 13 21 | 19 14 | 8 11 | 6 21 |
| M27 | 1 50 | 10 39 | 0 29 | 0 44 | 1 38 | 21 39 | 4 11 | 21 45 | 1 3 | 9 44 | 1 3 | 20 53 | 0 14 | 4 23 | 0 44 | 2 7 | 1 5 | 21 13 | 2 23 | 12 55 | 13 20 | 19 16 | 8 9 | 6 22 |
| T 28 | 2 14 | 15 38 | 0s36 | 0s 3 | 1 34 | 21 58 | 4 17 | 21 49 | 1 2 | 9 48 | 1 3 | 20 53 | 0 14 | 4 22 | 0 44 | 2 6 | 1 5 | 21 13 | 2 23 | 12 55 | 13 18 | 19 19 | 8 6 | 6 22 |
| W29 | 2 37 | 20 1 | 1 40 | 0 51 | 1 30 | 22 17 | 4 23 | 21 52 | 1 0 | 9 53 | 1 3 | 20 53 | 0 14 | 4 21 | 0 44 | 2 5 | 1 5 | 21 13 | 2 23 | 12 55 | 13 17 | 19 21 | 8 4 | 6 22 |
| T 30 | 3s 0 | 23s35 | 2s39 | 1s38 | 1n25 | 22s35 | 4s29 | 21n56 | 0s58 | 9s57 | 1n 3 | 20s53 | 0s14 | 4n20 | 0s44 | 2n 4 | 1n 5 | 21n13 | 2n23 | 12n56 | 13n16 | 19s24 | 8n 2 | 6s23 |

Julian Day Number = 2609573.5, Delta T = 10m15s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'22, Lahiri = 29°54'24


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## OCTOBER 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 41 39 | 8♎33'30 | 16♐18 | 9♎13 | 22♏55 | 18♊58 | 28♎45 | 27°D15 | 12°R40 | 27♍20 | 5♌19 | 4♉21 | 5♉17 | 21♏22 | 22♌20 | F 1 |
| S 2 | 0 45 36 | 9°32'17 | 28°15 | 11° 1 | 23°41 | 19°19 | 28°58 | 27♑15 | 12♈37 | 27°23 | 5°20 | 4°22 | 5°14 | 21°29 | 22°26 | S 2 |
| S 3 | 0 49 32 | 10°31'06 | 10♑25 | 12°47 | 24°26 | 19°38 | 29°10 | 27°15 | 12°35 | 27°25 | 5°21 | 4°R22 | 5°11 | 21°35 | 22°32 | S 3 |
| M 4 | 0 53 29 | 11°29'57 | 22°51 | 14°33 | 25°11 | 19°57 | 29°23 | 27°16 | 12°32 | 27°27 | 5°22 | 4°22 | 5° 8 | 21°42 | 22°37 | M 4 |
| T 5 | 0 57 25 | 12°28'50 | 5♒39 | 16°18 | 25°54 | 20°16 | 29°36 | 27°16 | 12°30 | 27°29 | 5°22 | 4°20 | 5° 5 | 21°49 | 22°43 | T 5 |
| W 6 | 1 1 22 | 13°27'44 | 18°51 | 18° 2 | 26°36 | 20°33 | 29°48 | 27°16 | 12°28 | 27°31 | 5°23 | 4°18 | 5° 1 | 21°55 | 22°49 | W 6 |
| T 7 | 1 5 18 | 14°26'39 | 2♓30 | 19°44 | 27°18 | 20°51 | 0♏ 1 | 27°17 | 12°25 | 27°34 | 5°24 | 4°15 | 4°58 | 22° 2 | 22°55 | T 7 |
| F 8 | 1 9 15 | 15°25'37 | 16°35 | 21°27 | 27°58 | 21° 7 | 0°14 | 27°18 | 12°23 | 27°36 | 5°25 | 4°13 | 4°55 | 22° 9 | 23° 0 | F 8 |
| S 9 | 1 13 11 | 16°24'36 | 1♈ 4 | 23° 8 | 28°37 | 21°23 | 0°27 | 27°18 | 12°20 | 27°38 | 5°25 | 4°10 | 4°52 | 22°15 | 23° 6 | S 9 |
| S 10 | 1 17 8 | 17°23'37 | 15°51 | 24°48 | 29°16 | 21°39 | 0°39 | 27°19 | 12°18 | 27°40 | 5°26 | 4° 9 | 4°49 | 22°22 | 23°11 | S 10 |
| M11 | 1 21 4 | 18°22'41 | 0♉48 | 26°28 | 29°53 | 21°53 | 0°52 | 27°20 | 12°15 | 27°42 | 5°27 | 4°D 8 | 4°45 | 22°29 | 23°17 | M11 |
| T 12 | 1 25 1 | 19°21'46 | 15°48 | 28° 6 | 0♐28 | 22° 7 | 1° 5 | 27°21 | 12°13 | 27°44 | 5°27 | 4° 9 | 4°42 | 22°35 | 23°22 | T 12 |
| W13 | 1 28 58 | 20°20'54 | 0♊43 | 29°44 | 1° 3 | 22°21 | 1°18 | 27°22 | 12°11 | 27°46 | 5°28 | 4° 9 | 4°39 | 22°42 | 23°28 | W13 |
| T 14 | 1 32 54 | 21°20'04 | 15°25 | 1♏21 | 1°36 | 22°34 | 1°31 | 27°24 | 12° 8 | 27°48 | 5°28 | 4°10 | 4°36 | 22°49 | 23°33 | T 14 |
| F 15 | 1 36 51 | 22°19'16 | 29°49 | 2°58 | 2° 7 | 22°46 | 1°44 | 27°25 | 12° 6 | 27°50 | 5°29 | 4°11 | 4°33 | 22°55 | 23°38 | F 15 |
| S 16 | 1 40 47 | 23°18'30 | 13♋53 | 4°33 | 2°37 | 22°57 | 1°57 | 27°26 | 12° 4 | 27°52 | 5°30 | 4°12 | 4°30 | 23° 2 | 23°43 | S 16 |
| S 17 | 1 44 44 | 24°17'47 | 27°35 | 6° 8 | 3° 6 | 23° 8 | 2°10 | 27°28 | 12° 1 | 27°54 | 5°30 | 4°R12 | 4°26 | 23° 9 | 23°48 | S 17 |
| M18 | 1 48 40 | 25°17'06 | 10♌57 | 7°42 | 3°33 | 23°17 | 2°23 | 27°30 | 11°59 | 27°57 | 5°31 | 4°12 | 4°23 | 23°15 | 23°53 | M18 |
| T 19 | 1 52 37 | 26°16'28 | 24° 0 | 9°15 | 3°59 | 23°26 | 2°36 | 27°31 | 11°57 | 27°59 | 5°31 | 4°11 | 4°20 | 23°22 | 23°58 | T 19 |
| W20 | 1 56 33 | 27°15'51 | 6♍46 | 10°48 | 4°23 | 23°35 | 2°49 | 27°33 | 11°54 | 28° 1 | 5°31 | 4°10 | 4°17 | 23°29 | 24° 3 | W20 |
| T 21 | 2 0 30 | 28°15'17 | 19°16 | 12°20 | 4°45 | 23°42 | 3° 2 | 27°35 | 11°52 | 28° 3 | 5°32 | 4° 9 | 4°14 | 23°35 | 24° 8 | T 21 |
| F 22 | 2 4 27 | 29°14'45 | 1♎35 | 13°52 | 5° 5 | 23°49 | 3°15 | 27°37 | 11°50 | 28° 5 | 5°32 | 4° 9 | 4°11 | 23°42 | 24°12 | F 22 |
| S 23 | 2 8 23 | 0♏14'15 | 13°43 | 15°22 | 5°24 | 23°55 | 3°28 | 27°39 | 11°47 | 28° 6 | 5°33 | 4° 8 | 4° 7 | 23°48 | 24°17 | S 23 |
| S 24 | 2 12 20 | 1°13'47 | 25°43 | 16°52 | 5°40 | 24° 0 | 3°41 | 27°41 | 11°45 | 28° 8 | 5°33 | 4° 8 | 4° 4 | 23°55 | 24°21 | S 24 |
| M25 | 2 16 16 | 2°13'22 | 7♏37 | 18°22 | 5°55 | 24° 4 | 3°54 | 27°44 | 11°43 | 28°10 | 5°33 | 4°D 8 | 4° 1 | 24° 2 | 24°26 | M25 |
| T 26 | 2 20 13 | 3°12'58 | 19°26 | 19°50 | 6° 8 | 24° 8 | 4° 7 | 27°46 | 11°41 | 28°12 | 5°33 | 4° 8 | 3°58 | 24° 8 | 24°30 | T 26 |
| W27 | 2 24 9 | 4°12'36 | 1♐13 | 21°18 | 6°18 | 24°10 | 4°20 | 27°48 | 11°39 | 28°14 | 5°34 | 4°R 8 | 3°55 | 24°15 | 24°35 | W27 |
| T 28 | 2 28 6 | 5°12'16 | 13° 1 | 22°46 | 6°26 | 24°12 | 4°33 | 27°51 | 11°36 | 28°16 | 5°34 | 4° 8 | 3°51 | 24°22 | 24°39 | T 28 |
| F 29 | 2 32 2 | 6°11'58 | 24°52 | 24°12 | 6°32 | 24°R13 | 4°46 | 27°54 | 11°34 | 28°18 | 5°34 | 4° 8 | 3°48 | 24°28 | 24°43 | F 29 |
| S 30 | 2 35 59 | 7°11'42 | 6♑50 | 25°38 | 6°36 | 24°13 | 4°59 | 27°57 | 11°32 | 28°20 | 5°34 | 4° 7 | 3°45 | 24°35 | 24°47 | S 30 |
| S 31 | 2 39 56 | 8♏11'27 | 18♑59 | 27♏ 3 | 6°R37 | 24♊12 | 5♏12 | 27♑59 | 11♈30 | 28♍22 | 5♌34 | 4♉ 7 | 3♉42 | 24♏42 | 24♌51 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s23 | 26s11 | 3s31 | 2s25 | 1n20 | 22s53 | 4s34 | 21n59 | 0s57 | 10s 2 | 1n 2 | 20s53 | 0s14 | 4n19 | 0s44 | 2n 3 | 1n 5 | 21n13 | 2n23 | 12n56 | 13n15 | 19s27 | 7n59 | 6s23 |
| S 2 | 3 46 | 27 37 | 4 15 | 3 12 | 1 15 | 23 10 | 4 40 | 22 3 | 0 55 | 10 6 | 1 2 | 20 54 | 0 14 | 4 18 | 0 44 | 2 2 | 1 5 | 21 13 | 2 23 | 12 57 | 13 14 | 19 29 | 7 57 | 6 23 |
| S 3 | 4 9 | 27 46 | 4 48 | 3 58 | 1 10 | 23 27 | 4 45 | 22 6 | 0 53 | 10 11 | 1 2 | 20 54 | 0 14 | 4 17 | 0 44 | 2 1 | 1 5 | 21 13 | 2 24 | 12 57 | 13 13 | 19 32 | 7 55 | 6 24 |
| M 4 | 4 32 | 26 32 | 5 9 | 4 44 | 1 4 | 23 43 | 4 51 | 22 9 | 0 51 | 10 15 | 1 2 | 20 54 | 0 14 | 4 16 | 0 44 | 2 1 | 1 5 | 21 12 | 2 24 | 12 57 | 13 12 | 19 34 | 7 53 | 6 24 |
| T 5 | 4 55 | 23 54 | 5 15 | 5 30 | 0 58 | 23 59 | 4 56 | 22 12 | 0 50 | 10 20 | 1 2 | 20 54 | 0 14 | 4 15 | 0 44 | 2 0 | 1 5 | 21 12 | 2 24 | 12 56 | 13 11 | 19 37 | 7 50 | 6 25 |
| W 6 | 5 18 | 19 58 | 5 5 | 6 15 | 0 52 | 24 14 | 5 1 | 22 15 | 0 48 | 10 25 | 1 2 | 20 54 | 0 14 | 4 14 | 0 44 | 1 59 | 1 5 | 21 12 | 2 24 | 12 56 | 13 10 | 19 39 | 7 48 | 6 25 |
| T 7 | 5 41 | 14 53 | 4 38 | 7 0 | 0 46 | 24 29 | 5 6 | 22 18 | 0 46 | 10 29 | 1 2 | 20 53 | 0 14 | 4 13 | 0 44 | 1 58 | 1 5 | 21 12 | 2 24 | 12 55 | 13 9 | 19 42 | 7 46 | 6 25 |
| F 8 | 6 4 | 8 52 | 3 54 | 7 44 | 0 39 | 24 43 | 5 11 | 22 21 | 0 44 | 10 34 | 1 2 | 20 53 | 0 14 | 4 12 | 0 44 | 1 57 | 1 5 | 21 12 | 2 24 | 12 54 | 13 8 | 19 44 | 7 44 | 6 26 |
| S 9 | 6 26 | 2 13 | 2 53 | 8 28 | 0 33 | 24 57 | 5 16 | 22 24 | 0 42 | 10 38 | 1 2 | 20 53 | 0 14 | 4 11 | 0 44 | 1 56 | 1 5 | 21 12 | 2 24 | 12 53 | 13 7 | 19 47 | 7 42 | 6 26 |
| S 10 | 6 49 | 4n41 | 1 40 | 9 11 | 0 26 | 25 10 | 5 21 | 22 27 | 0 40 | 10 43 | 1 2 | 20 53 | 0 15 | 4 10 | 0 44 | 1 56 | 1 5 | 21 12 | 2 24 | 12 52 | 13 6 | 19 49 | 7 39 | 6 27 |
| M11 | 7 11 | 11 26 | 0 18 | 9 53 | 0 19 | 25 23 | 5 26 | 22 30 | 0 38 | 10 47 | 1 2 | 20 53 | 0 15 | 4 9 | 0 44 | 1 55 | 1 5 | 21 12 | 2 25 | 12 52 | 13 5 | 19 52 | 7 37 | 6 27 |
| T 12 | 7 34 | 17 33 | 1n 4 | 10 35 | 0 13 | 25 35 | 5 30 | 22 33 | 0 36 | 10 52 | 1 2 | 20 53 | 0 15 | 4 9 | 0 44 | 1 54 | 1 5 | 21 12 | 2 25 | 12 52 | 13 4 | 19 54 | 7 35 | 6 28 |
| W13 | 7 56 | 22 34 | 2 22 | 11 16 | 0 6 | 25 46 | 5 34 | 22 36 | 0 34 | 10 56 | 1 2 | 20 53 | 0 15 | 4 8 | 0 44 | 1 53 | 1 5 | 21 12 | 2 25 | 12 53 | 13 3 | 19 57 | 7 33 | 6 28 |
| T 14 | 8 18 | 26 3 | 3 29 | 11 56 | 0s 1 | 25 57 | 5 39 | 22 39 | 0 32 | 11 1 | 1 2 | 20 53 | 0 15 | 4 7 | 0 44 | 1 52 | 1 5 | 21 12 | 2 25 | 12 53 | 13 2 | 20 0 | 7 31 | 6 29 |
| F 15 | 8 40 | 27 45 | 4 22 | 12 36 | 0 8 | 26 8 | 5 42 | 22 42 | 0 30 | 11 5 | 1 2 | 20 52 | 0 15 | 4 6 | 0 44 | 1 52 | 1 5 | 21 12 | 2 25 | 12 53 | 13 0 | 20 2 | 7 29 | 6 29 |
| S 16 | 9 2 | 27 36 | 4 58 | 13 15 | 0 15 | 26 18 | 5 46 | 22 44 | 0 28 | 11 10 | 1 2 | 20 52 | 0 15 | 4 5 | 0 44 | 1 51 | 1 5 | 21 12 | 2 25 | 12 53 | 12 59 | 20 5 | 7 27 | 6 29 |
| S 17 | 9 24 | 25 45 | 5 15 | 13 53 | 0 22 | 26 27 | 5 50 | 22 47 | 0 25 | 11 14 | 1 2 | 20 52 | 0 15 | 4 4 | 0 44 | 1 50 | 1 5 | 21 12 | 2 25 | 12 53 | 12 58 | 20 7 | 7 25 | 6 30 |
| M18 | 9 46 | 22 29 | 5 15 | 14 31 | 0 29 | 26 36 | 5 53 | 22 50 | 0 23 | 11 19 | 1 1 | 20 52 | 0 15 | 4 3 | 0 44 | 1 49 | 1 6 | 21 12 | 2 25 | 12 53 | 12 57 | 20 10 | 7 23 | 6 30 |
| T 19 | 10 7 | 18 11 | 4 59 | 15 7 | 0 36 | 26 44 | 5 56 | 22 53 | 0 21 | 11 23 | 1 1 | 20 51 | 0 15 | 4 2 | 0 44 | 1 48 | 1 6 | 21 12 | 2 26 | 12 53 | 12 56 | 20 12 | 7 21 | 6 31 |
| W20 | 10 29 | 13 9 | 4 28 | 15 43 | 0 43 | 26 51 | 5 59 | 22 55 | 0 18 | 11 27 | 1 1 | 20 51 | 0 15 | 4 1 | 0 44 | 1 48 | 1 6 | 21 12 | 2 26 | 12 53 | 12 55 | 20 14 | 7 19 | 6 31 |
| T 21 | 10 50 | 7 40 | 3 44 | 16 18 | 0 50 | 26 58 | 6 2 | 22 58 | 0 16 | 11 32 | 1 1 | 20 51 | 0 15 | 4 0 | 0 44 | 1 47 | 1 6 | 21 12 | 2 26 | 12 53 | 12 54 | 20 17 | 7 17 | 6 32 |
| F 22 | 11 11 | 1 59 | 2 51 | 16 52 | 0 57 | 27 4 | 6 4 | 23 1 | 0 14 | 11 36 | 1 1 | 20 50 | 0 15 | 4 0 | 0 44 | 1 46 | 1 6 | 21 12 | 2 26 | 12 52 | 12 53 | 20 19 | 7 15 | 6 32 |
| S 23 | 11 32 | 3s42 | 1 51 | 17 25 | 1 4 | 27 9 | 6 6 | 23 4 | 0 11 | 11 41 | 1 1 | 20 50 | 0 15 | 3 59 | 0 44 | 1 45 | 1 6 | 21 12 | 2 26 | 12 52 | 12 52 | 20 22 | 7 13 | 6 33 |
| S 24 | 11 53 | 9 12 | 0 47 | 17 58 | 1 10 | 27 14 | 6 8 | 23 6 | 0 9 | 11 45 | 1 1 | 20 50 | 0 15 | 3 58 | 0 44 | 1 45 | 1 6 | 21 12 | 2 26 | 12 52 | 12 51 | 20 24 | 7 11 | 6 34 |
| M25 | 12 13 | 14 19 | 0s19 | 18 29 | 1 17 | 27 18 | 6 9 | 23 9 | 0 6 | 11 50 | 1 1 | 20 49 | 0 15 | 3 57 | 0 44 | 1 44 | 1 6 | 21 12 | 2 26 | 12 52 | 12 50 | 20 27 | 7 9 | 6 34 |
| T 26 | 12 33 | 18 54 | 1 24 | 19 0 | 1 23 | 27 21 | 6 10 | 23 12 | 0 4 | 11 54 | 1 1 | 20 49 | 0 15 | 3 56 | 0 44 | 1 43 | 1 6 | 21 12 | 2 26 | 12 52 | 12 49 | 20 29 | 7 7 | 6 35 |
| W27 | 12 54 | 22 43 | 2 25 | 19 29 | 1 30 | 27 23 | 6 10 | 23 14 | 0 1 | 11 59 | 1 1 | 20 48 | 0 15 | 3 55 | 0 44 | 1 42 | 1 6 | 21 12 | 2 27 | 12 52 | 12 48 | 20 32 | 7 5 | 6 35 |
| T 28 | 13 14 | 25 37 | 3 20 | 19 58 | 1 36 | 27 25 | 6 11 | 23 17 | 0n 2 | 12 3 | 1 1 | 20 48 | 0 16 | 3 55 | 0 44 | 1 42 | 1 6 | 21 12 | 2 27 | 12 52 | 12 47 | 20 34 | 7 3 | 6 36 |
| F 29 | 13 33 | 27 23 | 4 6 | 20 26 | 1 42 | 27 26 | 6 10 | 23 20 | 0 4 | 12 7 | 1 1 | 20 47 | 0 16 | 3 54 | 0 44 | 1 41 | 1 6 | 21 12 | 2 27 | 12 52 | 12 45 | 20 37 | 7 1 | 6 36 |
| S 30 | 13 53 | 27 55 | 4 42 | 20 52 | 1 48 | 27 26 | 6 10 | 23 23 | 0 7 | 12 12 | 1 1 | 20 47 | 0 16 | 3 53 | 0 44 | 1 40 | 1 6 | 21 13 | 2 27 | 12 52 | 12 44 | 20 39 | 6 59 | 6 37 |
| S 31 | 14s12 | 27s 6 | 5s 7 | 21s18 | 1s54 | 27s25 | 6s 8 | 23n25 | 0n10 | 12s16 | 1n 1 | 20s46 | 0s16 | 3n52 | 0s44 | 1n40 | 1n 6 | 21n13 | 2n27 | 12n52 | 12n43 | 20s42 | 6n58 | 6s37 |

Julian Day Number = 2609603.5, Delta T = 10m15s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'26, Lahiri = 29°54'28


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## NOVEMBER 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 43 52 | 9♏11'14 | 1♒23 | 28♏27 | 6°R37 | 24°R10 | 5♏25 | 28♉ 2 | 11°R28 | 28♍23 | 5♌35 | 4°R 7 | 3♉39 | 24♏48 | 24♌55 | M 1 |
| T 2 | 2 47 49 | 10°11'03 | 14° 5 | 29°51 | 6♐33 | 24♊ 7 | 5°38 | 28° 5 | 11♈26 | 28°25 | 5°35 | 4°D 7 | 3°36 | 24°55 | 24°58 | T 2 |
| W 3 | 2 51 45 | 11°10'53 | 27°10 | 1♐14 | 6°27 | 24° 4 | 5°51 | 28° 8 | 11°24 | 28°27 | 5°35 | 4♉ 7 | 3°32 | 25° 2 | 25° 2 | W 3 |
| T 4 | 2 55 42 | 12°10'45 | 10♓40 | 2°35 | 6°19 | 23°59 | 6° 4 | 28°12 | 11°22 | 28°29 | 5°35 | 4° 8 | 3°29 | 25° 8 | 25° 6 | T 4 |
| F 5 | 2 59 38 | 13°10'39 | 24°38 | 3°56 | 6° 9 | 23°54 | 6°17 | 28°15 | 11°20 | 28°30 | 5°R35 | 4° 8 | 3°26 | 25°15 | 25° 9 | F 5 |
| S 6 | 3 3 35 | 14°10'34 | 9♈ 2 | 5°16 | 5°55 | 23°48 | 6°30 | 28°18 | 11°18 | 28°32 | 5°35 | 4° 9 | 3°23 | 25°22 | 25°12 | S 6 |
| S 7 | 3 7 31 | 15°10'31 | 23°50 | 6°34 | 5°40 | 23°40 | 6°43 | 28°22 | 11°16 | 28°34 | 5°35 | 4°10 | 3°20 | 25°28 | 25°16 | S 7 |
| M 8 | 3 11 28 | 16°10'29 | 8♉55 | 7°51 | 5°22 | 23°33 | 6°56 | 28°25 | 11°14 | 28°35 | 5°35 | 4°R10 | 3°16 | 25°35 | 25°19 | M 8 |
| T 9 | 3 15 25 | 17°10'30 | 24° 8 | 9° 7 | 5° 2 | 23°24 | 7° 9 | 28°29 | 11°13 | 28°37 | 5°35 | 4° 9 | 3°13 | 25°42 | 25°22 | T 9 |
| W10 | 3 19 21 | 18°10'33 | 9♊21 | 10°22 | 4°39 | 23°14 | 7°22 | 28°33 | 11°11 | 28°39 | 5°35 | 4° 8 | 3°10 | 25°48 | 25°25 | W10 |
| T 11 | 3 23 18 | 19°10'37 | 24°23 | 11°34 | 4°15 | 23° 3 | 7°35 | 28°37 | 11° 9 | 28°40 | 5°34 | 4° 6 | 3° 7 | 25°55 | 25°28 | T 11 |
| F 12 | 3 27 14 | 20°10'44 | 9♋ 6 | 12°45 | 3°48 | 22°52 | 7°48 | 28°40 | 11° 7 | 28°42 | 5°34 | 4° 4 | 3° 4 | 26° 2 | 25°31 | F 12 |
| S 13 | 3 31 11 | 21°10'52 | 23°24 | 13°54 | 3°20 | 22°40 | 8° 1 | 28°44 | 11° 6 | 28°43 | 5°34 | 4° 2 | 3° 1 | 26° 8 | 25°33 | S 13 |
| S 14 | 3 35 7 | 22°11'03 | 7♌16 | 15° 1 | 2°50 | 22°27 | 8°14 | 28°48 | 11° 4 | 28°45 | 5°34 | 4° 1 | 2°57 | 26°15 | 25°36 | S 14 |
| M15 | 3 39 4 | 23°11'15 | 20°41 | 16° 5 | 2°18 | 22°13 | 8°27 | 28°53 | 11° 2 | 28°46 | 5°34 | 4°D 0 | 2°54 | 26°22 | 25°39 | M15 |
| T 16 | 3 43 1 | 24°11'30 | 3♍41 | 17° 6 | 1°45 | 21°58 | 8°39 | 28°57 | 11° 1 | 28°48 | 5°33 | 4° 1 | 2°51 | 26°28 | 25°41 | T 16 |
| W17 | 3 46 57 | 25°11'46 | 16°19 | 18° 4 | 1°11 | 21°42 | 8°52 | 29° 1 | 10°59 | 28°49 | 5°33 | 4° 2 | 2°48 | 26°35 | 25°43 | W17 |
| T 18 | 3 50 54 | 26°12'05 | 28°40 | 18°58 | 0°36 | 21°26 | 9° 5 | 29° 5 | 10°58 | 28°50 | 5°33 | 4° 3 | 2°45 | 26°42 | 25°46 | T 18 |
| F 19 | 3 54 50 | 27°12'25 | 10♎47 | 19°48 | 29♏59 | 21° 9 | 9°18 | 29°10 | 10°56 | 28°52 | 5°32 | 4° 5 | 2°42 | 26°48 | 25°48 | F 19 |
| S 20 | 3 58 47 | 28°12'47 | 22°45 | 20°33 | 29°24 | 20°52 | 9°30 | 29°14 | 10°55 | 28°53 | 5°32 | 4° 6 | 2°38 | 26°55 | 25°50 | S 20 |
| S 21 | 4 2 43 | 29°13'11 | 4♏36 | 21°14 | 28°47 | 20°33 | 9°43 | 29°19 | 10°53 | 28°54 | 5°32 | 4°R 7 | 2°35 | 27° 1 | 25°52 | S 21 |
| M22 | 4 6 40 | 0♐13'37 | 16°25 | 21°48 | 28°11 | 20°14 | 9°56 | 29°24 | 10°52 | 28°56 | 5°31 | 4° 6 | 2°32 | 27° 8 | 25°53 | M22 |
| T 23 | 4 10 36 | 1°14'04 | 28°12 | 22°16 | 27°35 | 19°55 | 10° 8 | 29°28 | 10°51 | 28°57 | 5°31 | 4° 4 | 2°29 | 27°15 | 25°55 | T 23 |
| W24 | 4 14 33 | 2°14'33 | 10♐ 1 | 22°37 | 26°59 | 19°35 | 10°21 | 29°33 | 10°50 | 28°58 | 5°30 | 4° 0 | 2°26 | 27°21 | 25°57 | W24 |
| T 25 | 4 18 30 | 3°15'04 | 21°53 | 22°50 | 26°24 | 19°14 | 10°34 | 29°38 | 10°48 | 28°59 | 5°30 | 3°56 | 2°22 | 27°28 | 25°58 | T 25 |
| F 26 | 4 22 26 | 4°15'36 | 3♑51 | 22°R55 | 25°51 | 18°54 | 10°46 | 29°43 | 10°47 | 29° 1 | 5°29 | 3°50 | 2°19 | 27°35 | 26° 0 | F 26 |
| S 27 | 4 26 23 | 5°16'10 | 15°56 | 22°50 | 25°18 | 18°32 | 10°59 | 29°48 | 10°46 | 29° 2 | 5°29 | 3°44 | 2°16 | 27°41 | 26° 1 | S 27 |
| S 28 | 4 30 19 | 6°16'44 | 28°10 | 22°34 | 24°47 | 18°10 | 11°11 | 29°53 | 10°45 | 29° 3 | 5°28 | 3°39 | 2°13 | 27°48 | 26° 2 | S 28 |
| M29 | 4 34 16 | 7°17'20 | 10♒36 | 22° 9 | 24°17 | 17°48 | 11°23 | 29°58 | 10°44 | 29° 4 | 5°28 | 3°35 | 2°10 | 27°55 | 26° 3 | M29 |
| T 30 | 4 38 12 | 8♐17'58 | 23♒17 | 21♐32 | 23♏50 | 17♊26 | 11♏36 | 0♒ 3 | 10♈43 | 29♍ 5 | 5♌27 | 3♉32 | 2♉ 7 | 28♏ 1 | 26♌ 4 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s31 | 24s58 | 5s17 | 21s43 | 1s59 | 27s23 | 6s 7 | 23n28 | 0n13 | 12s20 | 1n 1 | 20s46 | 0s16 | 3n51 | 0s44 | 1n39 | 1n 6 | 21n13 | 2n27 | 12n52 | 12n42 | 20s44 | 6n56 | 6s38 |
| T 2 | 14 50 | 21 33 | 5 13 | 22 6 | 2 5 | 27 20 | 6 4 | 23 31 | 0 16 | 12 25 | 1 1 | 20 45 | 0 16 | 3 51 | 0 44 | 1 38 | 1 6 | 21 13 | 2 27 | 12 52 | 12 41 | 20 46 | 6 54 | 6 38 |
| W 3 | 15 9 | 17 0 | 4 52 | 22 28 | 2 10 | 27 16 | 6 1 | 23 34 | 0 19 | 12 29 | 1 1 | 20 45 | 0 16 | 3 50 | 0 44 | 1 38 | 1 6 | 21 13 | 2 27 | 12 52 | 12 40 | 20 49 | 6 52 | 6 39 |
| T 4 | 15 27 | 11 29 | 4 15 | 22 50 | 2 15 | 27 11 | 5 58 | 23 36 | 0 21 | 12 33 | 1 1 | 20 44 | 0 16 | 3 49 | 0 44 | 1 37 | 1 6 | 21 13 | 2 28 | 12 52 | 12 39 | 20 51 | 6 51 | 6 40 |
| F 5 | 15 46 | 5 13 | 3 22 | 23 10 | 2 19 | 27 5 | 5 54 | 23 39 | 0 24 | 12 38 | 1 1 | 20 44 | 0 16 | 3 48 | 0 44 | 1 36 | 1 6 | 21 13 | 2 28 | 12 52 | 12 38 | 20 54 | 6 49 | 6 40 |
| S 6 | 16 3 | 1n30 | 2 15 | 23 29 | 2 23 | 26 59 | 5 49 | 23 42 | 0 27 | 12 42 | 1 1 | 20 43 | 0 16 | 3 48 | 0 44 | 1 36 | 1 6 | 21 13 | 2 28 | 12 52 | 12 37 | 20 56 | 6 47 | 6 41 |
| S 7 | 16 21 | 8 21 | 0 57 | 23 47 | 2 27 | 26 50 | 5 44 | 23 44 | 0 30 | 12 46 | 1 1 | 20 42 | 0 16 | 3 47 | 0 44 | 1 35 | 1 6 | 21 13 | 2 28 | 12 53 | 12 36 | 20 58 | 6 46 | 6 41 |
| M 8 | 16 38 | 14 51 | 0n26 | 24 3 | 2 31 | 26 41 | 5 38 | 23 47 | 0 33 | 12 50 | 1 1 | 20 42 | 0 16 | 3 46 | 0 44 | 1 34 | 1 6 | 21 14 | 2 28 | 12 53 | 12 35 | 21 1 | 6 44 | 6 42 |
| T 9 | 16 55 | 20 31 | 1 49 | 24 19 | 2 34 | 26 31 | 5 31 | 23 50 | 0 37 | 12 54 | 1 1 | 20 41 | 0 16 | 3 45 | 0 43 | 1 34 | 1 6 | 21 14 | 2 28 | 12 53 | 12 34 | 21 3 | 6 42 | 6 43 |
| W10 | 17 12 | 24 49 | 3 3 | 24 33 | 2 37 | 26 19 | 5 24 | 23 52 | 0 40 | 12 59 | 1 1 | 20 40 | 0 16 | 3 45 | 0 43 | 1 33 | 1 6 | 21 14 | 2 28 | 12 52 | 12 33 | 21 6 | 6 41 | 6 43 |
| T 11 | 17 29 | 27 19 | 4 4 | 24 45 | 2 40 | 26 7 | 5 16 | 23 55 | 0 43 | 13 3 | 1 1 | 20 39 | 0 16 | 3 44 | 0 43 | 1 33 | 1 6 | 21 14 | 2 29 | 12 52 | 12 31 | 21 8 | 6 39 | 6 44 |
| F 12 | 17 45 | 27 51 | 4 47 | 24 57 | 2 42 | 25 53 | 5 7 | 23 57 | 0 46 | 13 7 | 1 1 | 20 39 | 0 16 | 3 43 | 0 43 | 1 32 | 1 6 | 21 14 | 2 29 | 12 51 | 12 30 | 21 10 | 6 38 | 6 44 |
| S 13 | 18 1 | 26 28 | 5 11 | 25 7 | 2 43 | 25 38 | 4 58 | 24 0 | 0 49 | 13 11 | 1 1 | 20 38 | 0 16 | 3 43 | 0 43 | 1 31 | 1 6 | 21 14 | 2 29 | 12 50 | 12 29 | 21 13 | 6 36 | 6 45 |
| S 14 | 18 16 | 23 30 | 5 16 | 25 16 | 2 44 | 25 22 | 4 47 | 24 2 | 0 52 | 13 15 | 1 1 | 20 37 | 0 16 | 3 42 | 0 43 | 1 31 | 1 6 | 21 15 | 2 29 | 12 50 | 12 28 | 21 15 | 6 35 | 6 46 |
| M15 | 18 32 | 19 21 | 5 3 | 25 23 | 2 44 | 25 5 | 4 37 | 24 5 | 0 55 | 13 19 | 1 1 | 20 36 | 0 16 | 3 42 | 0 43 | 1 30 | 1 6 | 21 15 | 2 29 | 12 50 | 12 27 | 21 17 | 6 33 | 6 46 |
| T 16 | 18 47 | 14 24 | 4 35 | 25 29 | 2 44 | 24 47 | 4 25 | 24 7 | 0 59 | 13 23 | 1 1 | 20 36 | 0 16 | 3 41 | 0 43 | 1 30 | 1 6 | 21 15 | 2 29 | 12 50 | 12 26 | 21 20 | 6 32 | 6 47 |
| W17 | 19 1 | 8 59 | 3 54 | 25 33 | 2 43 | 24 28 | 4 13 | 24 9 | 1 2 | 13 28 | 1 1 | 20 35 | 0 17 | 3 40 | 0 43 | 1 29 | 1 6 | 21 15 | 2 29 | 12 50 | 12 25 | 21 22 | 6 31 | 6 48 |
| T 18 | 19 16 | 3 20 | 3 3 | 25 36 | 2 41 | 24 9 | 4 0 | 24 11 | 1 5 | 13 32 | 1 1 | 20 34 | 0 17 | 3 40 | 0 43 | 1 29 | 1 7 | 21 15 | 2 29 | 12 50 | 12 24 | 21 24 | 6 29 | 6 48 |
| F 19 | 19 29 | 2s20 | 2 5 | 25 38 | 2 39 | 23 48 | 3 47 | 24 13 | 1 8 | 13 36 | 1 1 | 20 33 | 0 17 | 3 39 | 0 43 | 1 28 | 1 7 | 21 16 | 2 30 | 12 51 | 12 23 | 21 27 | 6 28 | 6 49 |
| S 20 | 19 43 | 7 52 | 1 2 | 25 38 | 2 35 | 23 27 | 3 33 | 24 15 | 1 11 | 13 40 | 1 1 | 20 32 | 0 17 | 3 39 | 0 43 | 1 28 | 1 7 | 21 16 | 2 30 | 12 52 | 12 22 | 21 29 | 6 27 | 6 49 |
| S 21 | 19 56 | 13 4 | 0s 3 | 25 36 | 2 31 | 23 5 | 3 19 | 24 17 | 1 14 | 13 44 | 1 1 | 20 31 | 0 17 | 3 38 | 0 43 | 1 27 | 1 7 | 21 16 | 2 30 | 12 52 | 12 21 | 21 31 | 6 26 | 6 50 |
| M22 | 20 9 | 17 47 | 1 7 | 25 33 | 2 25 | 22 43 | 3 5 | 24 19 | 1 18 | 13 48 | 1 1 | 20 30 | 0 17 | 3 38 | 0 43 | 1 27 | 1 7 | 21 16 | 2 30 | 12 51 | 12 19 | 21 34 | 6 24 | 6 51 |
| T 23 | 20 22 | 21 48 | 2 9 | 25 28 | 2 18 | 22 20 | 2 50 | 24 21 | 1 21 | 13 51 | 1 1 | 20 29 | 0 17 | 3 37 | 0 43 | 1 26 | 1 7 | 21 16 | 2 30 | 12 51 | 12 18 | 21 36 | 6 23 | 6 51 |
| W24 | 20 34 | 24 57 | 3 4 | 25 21 | 2 10 | 21 57 | 2 35 | 24 22 | 1 24 | 13 55 | 1 1 | 20 28 | 0 17 | 3 37 | 0 43 | 1 26 | 1 7 | 21 17 | 2 30 | 12 50 | 12 17 | 21 38 | 6 22 | 6 52 |
| T 25 | 20 46 | 27 0 | 3 52 | 25 12 | 2 1 | 21 34 | 2 19 | 24 24 | 1 27 | 13 59 | 1 1 | 20 27 | 0 17 | 3 36 | 0 43 | 1 25 | 1 7 | 21 17 | 2 30 | 12 48 | 12 16 | 21 41 | 6 21 | 6 53 |
| F 26 | 20 57 | 27 50 | 4 31 | 25 2 | 1 50 | 21 11 | 2 4 | 24 25 | 1 30 | 14 3 | 1 1 | 20 26 | 0 17 | 3 36 | 0 43 | 1 25 | 1 7 | 21 17 | 2 30 | 12 46 | 12 15 | 21 43 | 6 20 | 6 53 |
| S 27 | 21 8 | 27 21 | 4 57 | 24 49 | 1 38 | 20 48 | 1 48 | 24 26 | 1 33 | 14 7 | 1 1 | 20 25 | 0 17 | 3 36 | 0 43 | 1 25 | 1 7 | 21 17 | 2 31 | 12 44 | 12 14 | 21 45 | 6 19 | 6 54 |
| S 28 | 21 18 | 25 33 | 5 10 | 24 35 | 1 24 | 20 25 | 1 33 | 24 27 | 1 36 | 14 11 | 1 1 | 20 24 | 0 17 | 3 35 | 0 43 | 1 24 | 1 7 | 21 18 | 2 31 | 12 42 | 12 13 | 21 48 | 6 18 | 6 55 |
| M29 | 21 29 | 22 30 | 5 10 | 24 18 | 1 9 | 20 3 | 1 17 | 24 28 | 1 39 | 14 15 | 1 1 | 20 23 | 0 17 | 3 35 | 0 43 | 1 24 | 1 7 | 21 18 | 2 31 | 12 41 | 12 12 | 21 50 | 6 17 | 6 55 |
| T 30 | 21s38 | 18s21 | 4s54 | 23s59 | 0s52 | 19s41 | 1s 2 | 24n29 | 1n42 | 14s18 | 1n 1 | 20s22 | 0s17 | 3n35 | 0s43 | 1n23 | 1n 7 | 21n18 | 2n31 | 12n40 | 12n11 | 21s52 | 6n16 | 6s56 |

Julian Day Number = 2609634.5, Delta T = 10m16s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'31, Lahiri = 29°54'32


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# ASTRODIENST EPHEMERIS for the year 2432
# geocentric

## DECEMBER 2432 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 42 9 | 9♐18'36 | 6♓16 | 20°R45 | 23°R24 | 17°R 4 | 11♏48 | 0♒ 9 | 10°R42 | 29♍ 6 | 5°R26 | 3°D31 | 2♉ 3 | 28♏ 8 | 26♌ 5 | W 1 |
| T 2 | 4 46 5 | 10°19'15 | 19°36 | 19♐48 | 23♏ 0 | 16♊41 | 12° 0 | 0°14 | 10♈41 | 29° 7 | 5♌26 | 3♉31 | 2° 0 | 28°15 | 26° 6 | T 2 |
| F 3 | 4 50 2 | 11°19'55 | 3♈20 | 18°42 | 22°38 | 16°18 | 12°13 | 0°19 | 10°40 | 29° 8 | 5°25 | 3°32 | 1°57 | 28°21 | 26° 6 | F 3 |
| S 4 | 4 53 59 | 12°20'37 | 17°29 | 17°29 | 22°19 | 15°56 | 12°25 | 0°25 | 10°40 | 29° 9 | 5°24 | 3°34 | 1°54 | 28°28 | 26° 7 | S 4 |
| S 5 | 4 57 55 | 13°21'19 | 2♉ 2 | 16° 9 | 22° 2 | 15°33 | 12°37 | 0°30 | 10°39 | 29°10 | 5°24 | 3°R35 | 1°51 | 28°35 | 26° 7 | S 5 |
| M 6 | 5 1 52 | 14°22'02 | 16°56 | 14°47 | 21°48 | 15°10 | 12°49 | 0°36 | 10°38 | 29°11 | 5°23 | 3°34 | 1°48 | 28°41 | 26° 8 | M 6 |
| T 7 | 5 5 48 | 15°22'47 | 2♊ 5 | 13°25 | 21°35 | 14°47 | 13° 1 | 0°42 | 10°37 | 29°11 | 5°22 | 3°31 | 1°44 | 28°48 | 26° 8 | T 7 |
| W 8 | 5 9 45 | 16°23'33 | 17°19 | 12° 5 | 21°26 | 14°25 | 13°13 | 0°47 | 10°37 | 29°12 | 5°21 | 3°27 | 1°41 | 28°55 | 26°R 8 | W 8 |
| T 9 | 5 13 41 | 17°24'20 | 2♋28 | 10°50 | 21°19 | 14° 3 | 13°25 | 0°53 | 10°36 | 29°13 | 5°21 | 3°20 | 1°38 | 29° 1 | 26° 8 | T 9 |
| F 10 | 5 17 38 | 18°25'08 | 17°23 | 9°43 | 21°14 | 13°41 | 13°37 | 0°59 | 10°36 | 29°14 | 5°20 | 3°13 | 1°35 | 29° 8 | 26° 8 | F 10 |
| S 11 | 5 21 34 | 19°25'58 | 1♌54 | 8°45 | 21°D12 | 13°19 | 13°48 | 1° 5 | 10°35 | 29°14 | 5°19 | 3° 6 | 1°32 | 29°15 | 26° 7 | S 11 |
| S 12 | 5 25 31 | 20°26'48 | 15°58 | 7°57 | 21°12 | 12°58 | 14° 0 | 1°11 | 10°35 | 29°15 | 5°18 | 3° 0 | 1°29 | 29°21 | 26° 7 | S 12 |
| M13 | 5 29 28 | 21°27'40 | 29°32 | 7°21 | 21°15 | 12°37 | 14°12 | 1°17 | 10°35 | 29°16 | 5°17 | 2°55 | 1°25 | 29°28 | 26° 7 | M13 |
| T 14 | 5 33 24 | 22°28'34 | 12♍37 | 6°56 | 21°20 | 12°16 | 14°23 | 1°23 | 10°34 | 29°16 | 5°16 | 2°53 | 1°22 | 29°35 | 26° 6 | T 14 |
| W15 | 5 37 21 | 23°29'28 | 25°17 | 6°43 | 21°28 | 11°56 | 14°35 | 1°29 | 10°34 | 29°17 | 5°15 | 2°D52 | 1°19 | 29°41 | 26° 5 | W15 |
| T 16 | 5 41 17 | 24°30'24 | 7♎36 | 6°D40 | 21°38 | 11°36 | 14°46 | 1°35 | 10°34 | 29°17 | 5°15 | 2°53 | 1°16 | 29°48 | 26° 5 | T 16 |
| F 17 | 5 45 14 | 25°31'21 | 19°39 | 6°47 | 21°50 | 11°17 | 14°58 | 1°41 | 10°34 | 29°18 | 5°14 | 2°54 | 1°13 | 29°55 | 26° 4 | F 17 |
| S 18 | 5 49 10 | 26°32'19 | 1♏33 | 7° 4 | 22° 4 | 10°59 | 15° 9 | 1°47 | 10°34 | 29°18 | 5°13 | 2°R55 | 1° 9 | 0♐ 1 | 26° 3 | S 18 |
| S 19 | 5 53 7 | 27°33'18 | 13°20 | 7°29 | 22°20 | 10°41 | 15°20 | 1°53 | 10°D34 | 29°19 | 5°12 | 2°54 | 1° 6 | 0° 8 | 26° 2 | S 19 |
| M20 | 5 57 3 | 28°34'18 | 25° 7 | 8° 2 | 22°38 | 10°23 | 15°32 | 2° 0 | 10°34 | 29°19 | 5°11 | 2°51 | 1° 3 | 0°15 | 26° 0 | M20 |
| T 21 | 6 1 0 | 29°35'19 | 6♐55 | 8°42 | 22°59 | 10° 7 | 15°43 | 2° 6 | 10°34 | 29°20 | 5°10 | 2°46 | 1° 0 | 0°21 | 25°59 | T 21 |
| W22 | 6 4 57 | 0♑36'21 | 18°49 | 9°28 | 23°21 | 9°51 | 15°54 | 2°12 | 10°34 | 29°20 | 5° 9 | 2°38 | 0°57 | 0°28 | 25°58 | W22 |
| T 23 | 6 8 53 | 1°37'24 | 0♑49 | 10°19 | 23°45 | 9°36 | 16° 5 | 2°19 | 10°34 | 29°20 | 5° 8 | 2°28 | 0°54 | 0°35 | 25°56 | T 23 |
| F 24 | 6 12 50 | 2°38'27 | 12°57 | 11°15 | 24°11 | 9°21 | 16°16 | 2°25 | 10°34 | 29°20 | 5° 6 | 2°16 | 0°50 | 0°41 | 25°55 | F 24 |
| S 25 | 6 16 46 | 3°39'31 | 25°14 | 12°15 | 24°39 | 9° 7 | 16°26 | 2°32 | 10°34 | 29°21 | 5° 5 | 2° 4 | 0°47 | 0°48 | 25°53 | S 25 |
| S 26 | 6 20 43 | 4°40'36 | 7♒41 | 13°19 | 25° 8 | 8°55 | 16°37 | 2°38 | 10°35 | 29°21 | 5° 4 | 1°52 | 0°44 | 0°55 | 25°51 | S 26 |
| M27 | 6 24 39 | 5°41'41 | 20°19 | 14°26 | 25°39 | 8°42 | 16°48 | 2°45 | 10°35 | 29°21 | 5° 3 | 1°42 | 0°41 | 1° 1 | 25°49 | M27 |
| T 28 | 6 28 36 | 6°42'46 | 3♓ 8 | 15°36 | 26°11 | 8°31 | 16°58 | 2°52 | 10°36 | 29°21 | 5° 2 | 1°35 | 0°38 | 1° 8 | 25°47 | T 28 |
| W29 | 6 32 33 | 7°43'52 | 16°11 | 16°48 | 26°45 | 8°21 | 17° 9 | 2°58 | 10°36 | 29°21 | 5° 1 | 1°30 | 0°35 | 1°15 | 25°45 | W29 |
| T 30 | 6 36 29 | 8°44'57 | 29°29 | 18° 3 | 27°20 | 8°11 | 17°19 | 3° 5 | 10°37 | 29°21 | 5° 0 | 1°28 | 0°31 | 1°21 | 25°43 | T 30 |
| F 31 | 6 40 26 | 9♑46'03 | 13♈ 4 | 19♐19 | 27♏57 | 8♊ 2 | 17♏29 | 3♒12 | 10♈37 | 29°R21 | 4♌59 | 1°D28 | 0♉28 | 1♐28 | 25♌41 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21s48 | 13s16 | 4s23 | 23s38 | 0s34 | 19s20 | 0s47 | 24n30 | 1n45 | 14s22 | 1n 1 | 20s21 | 0s17 | 3n34 | 0s43 | 1n23 | 1n 7 | 21n18 | 2n31 | 12n39 | 12n10 | 21s55 | 6n15 | 6s57 |
| T 2 | 21 57 | 7 26 | 3 37 | 23 15 | 0 15 | 19 0 | 0 32 | 24 30 | 1 48 | 14 26 | 1 1 | 20 20 | 0 17 | 3 34 | 0 43 | 1 23 | 1 7 | 21 19 | 2 31 | 12 40 | 12 9 | 21 57 | 6 14 | 6 57 |
| F 3 | 22 5 | 1 5 | 2 37 | 22 49 | 0n 5 | 18 40 | 0 17 | 24 31 | 1 50 | 14 29 | 1 1 | 20 19 | 0 17 | 3 34 | 0 43 | 1 22 | 1 7 | 21 19 | 2 31 | 12 40 | 12 7 | 21 59 | 6 13 | 6 58 |
| S 4 | 22 13 | 5n31 | 1 27 | 22 23 | 0 25 | 18 21 | 0 3 | 24 31 | 1 53 | 14 33 | 1 2 | 20 18 | 0 17 | 3 33 | 0 43 | 1 22 | 1 7 | 21 19 | 2 31 | 12 41 | 12 6 | 22 1 | 6 13 | 6 58 |
| S 5 | 22 21 | 12 1 | 0 8 | 21 55 | 0 46 | 18 3 | 0n11 | 24 31 | 1 56 | 14 37 | 1 2 | 20 17 | 0 17 | 3 33 | 0 43 | 1 22 | 1 7 | 21 20 | 2 32 | 12 41 | 12 5 | 22 4 | 6 12 | 6 59 |
| M 6 | 22 28 | 18 0 | 1n12 | 21 26 | 1 6 | 17 46 | 0 25 | 24 31 | 1 58 | 14 40 | 1 2 | 20 16 | 0 18 | 3 33 | 0 43 | 1 21 | 1 7 | 21 20 | 2 32 | 12 41 | 12 4 | 22 6 | 6 11 | 7 0 |
| T 7 | 22 35 | 22 57 | 2 28 | 20 58 | 1 24 | 17 30 | 0 39 | 24 31 | 2 1 | 14 44 | 1 2 | 20 15 | 0 18 | 3 33 | 0 43 | 1 21 | 1 7 | 21 20 | 2 32 | 12 40 | 12 3 | 22 8 | 6 11 | 7 0 |
| W 8 | 22 41 | 26 21 | 3 35 | 20 30 | 1 42 | 17 15 | 0 51 | 24 31 | 2 3 | 14 47 | 1 2 | 20 13 | 0 18 | 3 32 | 0 43 | 1 21 | 1 7 | 21 20 | 2 32 | 12 38 | 12 2 | 22 10 | 6 10 | 7 1 |
| T 9 | 22 47 | 27 47 | 4 25 | 20 5 | 1 58 | 17 1 | 1 4 | 24 31 | 2 6 | 14 51 | 1 2 | 20 12 | 0 18 | 3 32 | 0 42 | 1 21 | 1 7 | 21 21 | 2 32 | 12 36 | 12 1 | 22 13 | 6 9 | 7 2 |
| F 10 | 22 53 | 27 10 | 4 57 | 19 42 | 2 11 | 16 48 | 1 16 | 24 30 | 2 8 | 14 54 | 1 2 | 20 11 | 0 18 | 3 32 | 0 42 | 1 20 | 1 7 | 21 21 | 2 32 | 12 33 | 12 0 | 22 15 | 6 9 | 7 2 |
| S 11 | 22 58 | 24 42 | 5 8 | 19 22 | 2 22 | 16 37 | 1 28 | 24 30 | 2 10 | 14 58 | 1 2 | 20 10 | 0 18 | 3 32 | 0 42 | 1 20 | 1 8 | 21 21 | 2 32 | 12 31 | 11 59 | 22 17 | 6 8 | 7 3 |
| S 12 | 23 2 | 20 48 | 5 1 | 19 6 | 2 31 | 16 26 | 1 39 | 24 29 | 2 12 | 15 1 | 1 2 | 20 8 | 0 18 | 3 32 | 0 42 | 1 20 | 1 8 | 21 22 | 2 32 | 12 29 | 11 58 | 22 19 | 6 8 | 7 4 |
| M13 | 23 7 | 15 55 | 4 36 | 18 53 | 2 38 | 16 16 | 1 49 | 24 29 | 2 14 | 15 5 | 1 2 | 20 7 | 0 18 | 3 32 | 0 42 | 1 20 | 1 8 | 21 22 | 2 32 | 12 27 | 11 57 | 22 21 | 6 7 | 7 4 |
| T 14 | 23 10 | 10 28 | 3 58 | 18 45 | 2 43 | 16 8 | 2 0 | 24 28 | 2 16 | 15 8 | 1 2 | 20 6 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 22 | 2 33 | 12 27 | 11 55 | 22 24 | 6 7 | 7 5 |
| W15 | 23 14 | 4 46 | 3 9 | 18 40 | 2 46 | 16 0 | 2 9 | 24 27 | 2 18 | 15 11 | 1 2 | 20 5 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 23 | 2 33 | 12 26 | 11 54 | 22 26 | 6 7 | 7 5 |
| T 16 | 23 16 | 0s59 | 2 12 | 18 38 | 2 47 | 15 54 | 2 19 | 24 26 | 2 20 | 15 14 | 1 2 | 20 3 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 23 | 2 33 | 12 27 | 11 53 | 22 28 | 6 6 | 7 6 |
| F 17 | 23 19 | 6 35 | 1 11 | 18 40 | 2 46 | 15 48 | 2 27 | 24 25 | 2 22 | 15 18 | 1 2 | 20 2 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 23 | 2 33 | 12 27 | 11 52 | 22 30 | 6 6 | 7 7 |
| S 18 | 23 20 | 11 52 | 0 7 | 18 45 | 2 44 | 15 44 | 2 36 | 24 24 | 2 23 | 15 21 | 1 2 | 20 1 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 24 | 2 33 | 12 27 | 11 51 | 22 32 | 6 6 | 7 7 |
| S 19 | 23 22 | 16 42 | 0s56 | 18 52 | 2 41 | 15 40 | 2 44 | 24 23 | 2 25 | 15 24 | 1 2 | 19 59 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 24 | 2 33 | 12 27 | 11 50 | 22 35 | 6 6 | 7 8 |
| M20 | 23 23 | 20 53 | 1 56 | 19 1 | 2 37 | 15 38 | 2 51 | 24 22 | 2 26 | 15 27 | 1 3 | 19 58 | 0 18 | 3 32 | 0 42 | 1 19 | 1 8 | 21 24 | 2 33 | 12 26 | 11 49 | 22 37 | 6 5 | 7 8 |
| T 21 | 23 23 | 24 14 | 2 52 | 19 12 | 2 32 | 15 36 | 2 58 | 24 21 | 2 28 | 15 30 | 1 3 | 19 57 | 0 18 | 3 32 | 0 42 | 1 18 | 1 8 | 21 25 | 2 33 | 12 24 | 11 48 | 22 39 | 6 5 | 7 9 |
| W22 | 23 23 | 26 34 | 3 40 | 19 25 | 2 26 | 15 35 | 3 5 | 24 20 | 2 29 | 15 34 | 1 3 | 19 55 | 0 18 | 3 32 | 0 42 | 1 18 | 1 8 | 21 25 | 2 33 | 12 22 | 11 47 | 22 41 | 6 5 | 7 10 |
| T 23 | 23 23 | 27 42 | 4 19 | 19 38 | 2 20 | 15 35 | 3 11 | 24 19 | 2 30 | 15 37 | 1 3 | 19 54 | 0 18 | 3 32 | 0 42 | 1 18 | 1 8 | 21 26 | 2 34 | 12 18 | 11 46 | 22 43 | 6 5 | 7 10 |
| F 24 | 23 22 | 27 30 | 4 46 | 19 53 | 2 13 | 15 35 | 3 17 | 24 18 | 2 31 | 15 40 | 1 3 | 19 53 | 0 19 | 3 32 | 0 42 | 1 18 | 1 8 | 21 26 | 2 34 | 12 14 | 11 44 | 22 45 | 6 5 | 7 11 |
| S 25 | 23 20 | 25 58 | 5 1 | 20 8 | 2 6 | 15 37 | 3 23 | 24 17 | 2 33 | 15 43 | 1 3 | 19 51 | 0 19 | 3 32 | 0 42 | 1 18 | 1 8 | 21 26 | 2 34 | 12 10 | 11 43 | 22 48 | 6 5 | 7 11 |
| S 26 | 23 18 | 23 10 | 5 2 | 20 23 | 1 59 | 15 39 | 3 28 | 24 16 | 2 34 | 15 46 | 1 3 | 19 50 | 0 19 | 3 32 | 0 42 | 1 18 | 1 8 | 21 27 | 2 34 | 12 6 | 11 42 | 22 50 | 6 5 | 7 12 |
| M27 | 23 16 | 19 13 | 4 48 | 20 39 | 1 51 | 15 41 | 3 32 | 24 15 | 2 35 | 15 48 | 1 3 | 19 48 | 0 19 | 3 32 | 0 42 | 1 18 | 1 8 | 21 27 | 2 34 | 12 2 | 11 41 | 22 52 | 6 5 | 7 12 |
| T 28 | 23 13 | 14 21 | 4 19 | 20 54 | 1 43 | 15 44 | 3 37 | 24 14 | 2 35 | 15 51 | 1 3 | 19 47 | 0 19 | 3 33 | 0 42 | 1 18 | 1 8 | 21 27 | 2 34 | 12 0 | 11 40 | 22 54 | 6 6 | 7 13 |
| W29 | 23 10 | 8 46 | 3 36 | 21 9 | 1 35 | 15 48 | 3 41 | 24 13 | 2 36 | 15 54 | 1 3 | 19 45 | 0 19 | 3 33 | 0 42 | 1 18 | 1 8 | 21 28 | 2 34 | 11 58 | 11 39 | 22 56 | 6 6 | 7 13 |
| T 30 | 23 6 | 2 41 | 2 41 | 21 24 | 1 27 | 15 52 | 3 45 | 24 12 | 2 37 | 15 57 | 1 3 | 19 44 | 0 19 | 3 33 | 0 42 | 1 18 | 1 8 | 21 28 | 2 34 | 11 57 | 11 38 | 22 58 | 6 6 | 7 14 |
| F 31 | 23s 2 | 3n40 | 1s36 | 21s39 | 1n19 | 15s57 | 3n48 | 24n12 | 2n38 | 16s 0 | 1n 3 | 19s42 | 0s19 | 3n33 | 0s42 | 1n18 | 1n 8 | 21n29 | 2n34 | 11n57 | 11n37 | 23s 0 | 6n 6 | 7s14 |

Julian Day Number = 2609664.5, Delta T = 10m16s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'35, Lahiri = 29°54'36


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## JANUARY 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 44 22 | 10♑47'09 | 26♈58 | 20♐37 | 28♏34 | 7°R54 | 17♏39 | 3♒18 | 10♈38 | 29°R21 | 4°R57 | 1°R28 | 0♉25 | 1♐35 | 25°R38 | S 1 |
| S 2 | 6 48 19 | 11°48'15 | 11♉12 | 21°56 | 29°14 | 7♊47 | 17°50 | 3°25 | 10°38 | 29♍21 | 4♌56 | 1♉28 | 0°22 | 1°41 | 25♌36 | S 2 |
| M 3 | 6 52 15 | 12°49'21 | 25°45 | 23°17 | 29°54 | 7°40 | 18° 0 | 3°32 | 10°39 | 29°21 | 4°55 | 1°26 | 0°19 | 1°48 | 25°33 | M 3 |
| T 4 | 6 56 12 | 13°50'27 | 10♊33 | 24°39 | 0♐36 | 7°35 | 18° 9 | 3°39 | 10°40 | 29°21 | 4°54 | 1°21 | 0°15 | 1°55 | 25°30 | T 4 |
| W 5 | 7 0 8 | 14°51'33 | 25°30 | 26° 2 | 1°18 | 7°30 | 18°19 | 3°45 | 10°41 | 29°21 | 4°53 | 1°13 | 0°12 | 2° 1 | 25°28 | W 5 |
| T 6 | 7 4 5 | 15°52'40 | 10♋27 | 27°26 | 2° 2 | 7°26 | 18°29 | 3°52 | 10°42 | 29°21 | 4°51 | 1° 3 | 0° 9 | 2° 8 | 25°25 | T 6 |
| F 7 | 7 8 2 | 16°53'46 | 25°16 | 28°51 | 2°47 | 7°23 | 18°38 | 3°59 | 10°43 | 29°20 | 4°50 | 0°52 | 0° 6 | 2°15 | 25°22 | F 7 |
| S 8 | 7 11 58 | 17°54'53 | 9♌47 | 0♑17 | 3°33 | 7°21 | 18°48 | 4° 6 | 10°44 | 29°20 | 4°49 | 0°40 | 0° 3 | 2°21 | 25°19 | S 8 |
| S 9 | 7 15 55 | 18°55'59 | 23°55 | 1°43 | 4°19 | 7°19 | 18°57 | 4°13 | 10°45 | 29°20 | 4°48 | 0°29 | 29♈59 | 2°28 | 25°16 | S 9 |
| M10 | 7 19 51 | 19°57'06 | 7♍34 | 3°10 | 5° 7 | 7°D19 | 19° 6 | 4°20 | 10°46 | 29°20 | 4°46 | 0°21 | 29°56 | 2°35 | 25°13 | M10 |
| T 11 | 7 23 48 | 20°58'13 | 20°45 | 4°37 | 5°56 | 7°19 | 19°16 | 4°27 | 10°47 | 29°19 | 4°45 | 0°15 | 29°53 | 2°41 | 25° 9 | T 11 |
| W12 | 7 27 44 | 21°59'21 | 3♎30 | 6° 6 | 6°45 | 7°20 | 19°25 | 4°34 | 10°48 | 29°19 | 4°44 | 0°12 | 29°50 | 2°48 | 25° 6 | W12 |
| T 13 | 7 31 41 | 23° 0'28 | 15°53 | 7°34 | 7°35 | 7°21 | 19°34 | 4°41 | 10°49 | 29°18 | 4°42 | 0°10 | 29°47 | 2°55 | 25° 2 | T 13 |
| F 14 | 7 35 37 | 24° 1'36 | 27°59 | 9° 4 | 8°27 | 7°24 | 19°42 | 4°48 | 10°50 | 29°18 | 4°41 | 0°10 | 29°44 | 3° 1 | 24°59 | F 14 |
| S 15 | 7 39 34 | 25° 2'44 | 9♏53 | 10°34 | 9°18 | 7°27 | 19°51 | 4°55 | 10°52 | 29°17 | 4°40 | 0°10 | 29°41 | 3° 8 | 24°55 | S 15 |
| S 16 | 7 43 31 | 26° 3'52 | 21°41 | 12° 4 | 10°11 | 7°30 | 20° 0 | 5° 2 | 10°53 | 29°17 | 4°38 | 0° 9 | 29°37 | 3°15 | 24°52 | S 16 |
| M17 | 7 47 27 | 27° 5'00 | 3♐28 | 13°35 | 11° 4 | 7°35 | 20° 8 | 5° 9 | 10°55 | 29°16 | 4°37 | 0° 5 | 29°34 | 3°21 | 24°48 | M17 |
| T 18 | 7 51 24 | 28° 6'08 | 15°19 | 15° 6 | 11°58 | 7°40 | 20°16 | 5°16 | 10°56 | 29°16 | 4°36 | 29♈58 | 29°31 | 3°28 | 24°44 | T 18 |
| W19 | 7 55 20 | 29° 7'16 | 27°17 | 16°38 | 12°53 | 7°46 | 20°25 | 5°23 | 10°58 | 29°15 | 4°35 | 29°49 | 29°28 | 3°35 | 24°40 | W19 |
| T 20 | 7 59 17 | 0♒ 8'24 | 9♑26 | 18°10 | 13°48 | 7°53 | 20°33 | 5°30 | 10°59 | 29°15 | 4°33 | 29°37 | 29°25 | 3°41 | 24°37 | T 20 |
| F 21 | 8 3 13 | 1° 9'31 | 21°46 | 19°43 | 14°44 | 8° 0 | 20°41 | 5°37 | 11° 1 | 29°14 | 4°32 | 29°23 | 29°21 | 3°48 | 24°33 | F 21 |
| S 22 | 8 7 10 | 2°10'38 | 4♒20 | 21°16 | 15°40 | 8° 8 | 20°48 | 5°45 | 11° 2 | 29°13 | 4°31 | 29° 8 | 29°18 | 3°55 | 24°29 | S 22 |
| S 23 | 8 11 6 | 3°11'45 | 17° 5 | 22°50 | 16°37 | 8°17 | 20°56 | 5°52 | 11° 4 | 29°12 | 4°29 | 28°54 | 29°15 | 4° 1 | 24°25 | S 23 |
| M24 | 8 15 3 | 4°12'51 | 0♓ 2 | 24°24 | 17°34 | 8°26 | 21° 4 | 5°59 | 11° 6 | 29°12 | 4°28 | 28°42 | 29°12 | 4° 8 | 24°20 | M24 |
| T 25 | 8 19 0 | 5°13'57 | 13°10 | 25°59 | 18°32 | 8°36 | 21°11 | 6° 6 | 11° 8 | 29°11 | 4°27 | 28°33 | 29° 9 | 4°15 | 24°16 | T 25 |
| W26 | 8 22 56 | 6°15'01 | 26°29 | 27°34 | 19°31 | 8°47 | 21°18 | 6°13 | 11°10 | 29°10 | 4°25 | 28°27 | 29° 6 | 4°21 | 24°12 | W26 |
| T 27 | 8 26 53 | 7°16'05 | 9♈58 | 29°10 | 20°30 | 8°58 | 21°25 | 6°20 | 11°11 | 29° 9 | 4°24 | 28°23 | 29° 2 | 4°28 | 24° 8 | T 27 |
| F 28 | 8 30 49 | 8°17'08 | 23°37 | 0♒46 | 21°29 | 9° 9 | 21°32 | 6°27 | 11°13 | 29° 8 | 4°23 | 28°D22 | 28°59 | 4°35 | 24° 3 | F 28 |
| S 29 | 8 34 46 | 9°18'10 | 7♉28 | 2°23 | 22°29 | 9°22 | 21°39 | 6°34 | 11°15 | 29° 7 | 4°21 | 28°R22 | 28°56 | 4°41 | 23°59 | S 29 |
| S 30 | 8 38 42 | 10°19'11 | 21°31 | 4° 1 | 23°29 | 9°35 | 21°46 | 6°41 | 11°17 | 29° 6 | 4°20 | 28°22 | 28°53 | 4°48 | 23°55 | S 30 |
| M31 | 8 42 39 | 11♒20'11 | 5♊45 | 5♒39 | 24♐29 | 9♊48 | 21♏52 | 6♒49 | 11♈19 | 29♍ 5 | 4♌19 | 28♈20 | 28♈50 | 4♐55 | 23♌50 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 22s57 | 10n 0 | 0s24 | 21s53 | 1n10 | 16s 2 | 3n51 | 24n11 | 2n38 | 16s 3 | 1n 4 | 19s41 | 0s19 | 3n34 | 0s42 | 1n18 | 1n 9 | 21n29 | 2n35 | 11n57 | 11n36 | 23s 3 | 6n 7 | 7s15 | S 1 |
| S 2 | 22 52 | 15 58 | 0n52 | 22 6 | 1 2 | 16 8 | 3 54 | 24 10 | 2 39 | 16 5 | 1 4 | 19 39 | 0 19 | 3 34 | 0 42 | 1 18 | 1 9 | 21 29 | 2 35 | 11 57 | 11 34 | 23 5 | 6 7 | 7 15 | S 2 |
| M 3 | 22 46 | 21 11 | 2 5 | 22 19 | 0 54 | 16 14 | 3 56 | 24 10 | 2 39 | 16 8 | 1 4 | 19 38 | 0 19 | 3 34 | 0 41 | 1 18 | 1 9 | 21 30 | 2 35 | 11 57 | 11 33 | 23 7 | 6 7 | 7 16 | M 3 |
| T 4 | 22 40 | 25 8 | 3 11 | 22 31 | 0 46 | 16 20 | 3 59 | 24 9 | 2 40 | 16 11 | 1 4 | 19 36 | 0 19 | 3 35 | 0 41 | 1 18 | 1 9 | 21 30 | 2 35 | 11 55 | 11 32 | 23 9 | 6 8 | 7 16 | T 4 |
| W 5 | 22 34 | 27 24 | 4 5 | 22 42 | 0 38 | 16 27 | 4 0 | 24 9 | 2 40 | 16 13 | 1 4 | 19 35 | 0 19 | 3 35 | 0 41 | 1 19 | 1 9 | 21 30 | 2 35 | 11 52 | 11 31 | 23 11 | 6 8 | 7 17 | W 5 |
| T 6 | 22 27 | 27 40 | 4 42 | 22 52 | 0 29 | 16 34 | 4 2 | 24 8 | 2 41 | 16 16 | 1 4 | 19 33 | 0 19 | 3 35 | 0 41 | 1 19 | 1 9 | 21 31 | 2 35 | 11 49 | 11 30 | 23 13 | 6 9 | 7 17 | T 6 |
| F 7 | 22 19 | 25 57 | 5 0 | 23 1 | 0 21 | 16 41 | 4 4 | 24 8 | 2 41 | 16 18 | 1 4 | 19 32 | 0 19 | 3 36 | 0 41 | 1 19 | 1 9 | 21 31 | 2 35 | 11 45 | 11 29 | 23 15 | 6 9 | 7 18 | F 7 |
| S 8 | 22 11 | 22 32 | 4 57 | 23 9 | 0 14 | 16 49 | 4 5 | 24 8 | 2 41 | 16 21 | 1 4 | 19 30 | 0 19 | 3 36 | 0 41 | 1 19 | 1 9 | 21 32 | 2 35 | 11 41 | 11 28 | 23 17 | 6 10 | 7 18 | S 8 |
| S 9 | 22 3 | 17 52 | 4 37 | 23 17 | 0 6 | 16 56 | 4 6 | 24 8 | 2 41 | 16 23 | 1 4 | 19 29 | 0 19 | 3 37 | 0 41 | 1 19 | 1 9 | 21 32 | 2 35 | 11 37 | 11 27 | 23 19 | 6 11 | 7 18 | S 9 |
| M10 | 21 54 | 12 26 | 4 1 | 23 23 | 0s 2 | 17 4 | 4 6 | 24 8 | 2 41 | 16 25 | 1 5 | 19 27 | 0 20 | 3 37 | 0 41 | 1 19 | 1 9 | 21 32 | 2 35 | 11 34 | 11 26 | 23 21 | 6 11 | 7 19 | M10 |
| T 11 | 21 45 | 6 36 | 3 13 | 23 27 | 0 9 | 17 12 | 4 7 | 24 8 | 2 42 | 16 28 | 1 5 | 19 25 | 0 20 | 3 38 | 0 41 | 1 19 | 1 9 | 21 33 | 2 35 | 11 32 | 11 24 | 23 23 | 6 12 | 7 19 | T 11 |
| W12 | 21 36 | 0 42 | 2 16 | 23 31 | 0 16 | 17 20 | 4 7 | 24 8 | 2 42 | 16 30 | 1 5 | 19 24 | 0 20 | 3 38 | 0 41 | 1 20 | 1 9 | 21 33 | 2 36 | 11 31 | 11 23 | 23 25 | 6 13 | 7 20 | W12 |
| T 13 | 21 26 | 5s 5 | 1 15 | 23 34 | 0 24 | 17 28 | 4 7 | 24 9 | 2 42 | 16 32 | 1 5 | 19 22 | 0 20 | 3 39 | 0 41 | 1 20 | 1 9 | 21 34 | 2 36 | 11 30 | 11 22 | 23 27 | 6 13 | 7 20 | T 13 |
| F 14 | 21 15 | 10 33 | 0 12 | 23 35 | 0 31 | 17 36 | 4 7 | 24 9 | 2 42 | 16 35 | 1 5 | 19 21 | 0 20 | 3 39 | 0 41 | 1 20 | 1 9 | 21 34 | 2 36 | 11 30 | 11 21 | 23 29 | 6 14 | 7 20 | F 14 |
| S 15 | 21 4 | 15 33 | 0s51 | 23 35 | 0 37 | 17 44 | 4 6 | 24 10 | 2 42 | 16 37 | 1 5 | 19 19 | 0 20 | 3 40 | 0 41 | 1 20 | 1 9 | 21 34 | 2 36 | 11 30 | 11 20 | 23 31 | 6 15 | 7 21 | S 15 |
| S 16 | 20 53 | 19 56 | 1 51 | 23 34 | 0 44 | 17 52 | 4 6 | 24 10 | 2 42 | 16 39 | 1 5 | 19 17 | 0 20 | 3 40 | 0 41 | 1 21 | 1 9 | 21 35 | 2 36 | 11 30 | 11 19 | 23 33 | 6 16 | 7 21 | S 16 |
| M17 | 20 42 | 23 31 | 2 46 | 23 32 | 0 50 | 18 0 | 4 5 | 24 11 | 2 41 | 16 41 | 1 5 | 19 16 | 0 20 | 3 41 | 0 41 | 1 21 | 1 9 | 21 35 | 2 36 | 11 29 | 11 18 | 23 36 | 6 17 | 7 21 | M17 |
| T 18 | 20 30 | 26 8 | 3 34 | 23 28 | 0 57 | 18 8 | 4 4 | 24 11 | 2 41 | 16 43 | 1 6 | 19 14 | 0 20 | 3 41 | 0 41 | 1 21 | 1 9 | 21 36 | 2 36 | 11 26 | 11 17 | 23 38 | 6 18 | 7 22 | T 18 |
| W19 | 20 17 | 27 35 | 4 13 | 23 23 | 1 3 | 18 16 | 4 3 | 24 12 | 2 41 | 16 45 | 1 6 | 19 12 | 0 20 | 3 42 | 0 41 | 1 21 | 1 9 | 21 36 | 2 36 | 11 23 | 11 15 | 23 40 | 6 19 | 7 22 | W19 |
| T 20 | 20 4 | 27 44 | 4 41 | 23 17 | 1 9 | 18 24 | 4 2 | 24 13 | 2 41 | 16 47 | 1 6 | 19 11 | 0 20 | 3 43 | 0 41 | 1 22 | 1 9 | 21 36 | 2 36 | 11 19 | 11 14 | 23 42 | 6 20 | 7 22 | T 20 |
| F 21 | 19 51 | 26 31 | 4 57 | 23 10 | 1 14 | 18 32 | 4 0 | 24 14 | 2 41 | 16 49 | 1 6 | 19 9 | 0 20 | 3 43 | 0 41 | 1 22 | 1 9 | 21 37 | 2 36 | 11 14 | 11 13 | 23 44 | 6 21 | 7 22 | F 21 |
| S 22 | 19 38 | 23 58 | 4 58 | 23 1 | 1 19 | 18 40 | 3 59 | 24 15 | 2 40 | 16 51 | 1 6 | 19 7 | 0 20 | 3 44 | 0 41 | 1 22 | 1 9 | 21 37 | 2 36 | 11 9 | 11 12 | 23 46 | 6 22 | 7 23 | S 22 |
| S 23 | 19 24 | 20 12 | 4 45 | 22 51 | 1 25 | 18 47 | 3 57 | 24 16 | 2 40 | 16 53 | 1 6 | 19 6 | 0 20 | 3 45 | 0 41 | 1 23 | 1 9 | 21 38 | 2 36 | 11 4 | 11 11 | 23 48 | 6 23 | 7 23 | S 23 |
| M24 | 19 10 | 15 26 | 4 17 | 22 39 | 1 29 | 18 54 | 3 55 | 24 18 | 2 40 | 16 55 | 1 6 | 19 4 | 0 20 | 3 45 | 0 41 | 1 23 | 1 10 | 21 38 | 2 36 | 10 59 | 11 10 | 23 49 | 6 24 | 7 23 | M24 |
| T 25 | 18 55 | 9 54 | 3 34 | 22 27 | 1 34 | 19 1 | 3 53 | 24 19 | 2 40 | 16 57 | 1 6 | 19 2 | 0 21 | 3 46 | 0 41 | 1 23 | 1 10 | 21 38 | 2 37 | 10 56 | 11 9 | 23 51 | 6 25 | 7 23 | T 25 |
| W26 | 18 40 | 3 51 | 2 40 | 22 12 | 1 38 | 19 8 | 3 51 | 24 20 | 2 39 | 16 58 | 1 7 | 19 1 | 0 21 | 3 47 | 0 41 | 1 24 | 1 10 | 21 39 | 2 37 | 10 54 | 11 8 | 23 53 | 6 27 | 7 23 | W26 |
| T 27 | 18 25 | 2n28 | 1 36 | 21 57 | 1 42 | 19 15 | 3 48 | 24 22 | 2 39 | 17 0 | 1 7 | 18 59 | 0 21 | 3 48 | 0 41 | 1 24 | 1 10 | 21 39 | 2 37 | 10 53 | 11 7 | 23 55 | 6 28 | 7 24 | T 27 |
| F 28 | 18 9 | 8 46 | 0 25 | 21 40 | 1 46 | 19 21 | 3 46 | 24 23 | 2 39 | 17 2 | 1 7 | 18 57 | 0 21 | 3 48 | 0 41 | 1 25 | 1 10 | 21 39 | 2 37 | 10 52 | 11 5 | 23 57 | 6 29 | 7 24 | F 28 |
| S 29 | 17 53 | 14 44 | 0n48 | 21 22 | 1 50 | 19 27 | 3 43 | 24 25 | 2 38 | 17 3 | 1 7 | 18 55 | 0 21 | 3 49 | 0 41 | 1 25 | 1 10 | 21 40 | 2 37 | 10 52 | 11 4 | 23 59 | 6 30 | 7 24 | S 29 |
| S 30 | 17 37 | 20 1 | 1 59 | 21 2 | 1 53 | 19 33 | 3 41 | 24 26 | 2 38 | 17 5 | 1 7 | 18 54 | 0 21 | 3 50 | 0 40 | 1 25 | 1 10 | 21 40 | 2 37 | 10 52 | 11 3 | 24 1 | 6 32 | 7 24 | S 30 |
| M31 | 17s20 | 24n14 | 3n 4 | 20s41 | 1s56 | 19s39 | 3n38 | 24n28 | 2n37 | 17s 7 | 1n 7 | 18s52 | 0s21 | 3n51 | 0s40 | 1n26 | 1n10 | 21n41 | 2n37 | 10n51 | 11n 2 | 24s 3 | 6n33 | 7s24 | M31 |

Julian Day Number = 2609695.5, Delta T = 10m16s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'39, Lahiri = 29°54'41


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## FEBRUARY 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 46 35 | 12♒21'11 | 20♊ 9 | 7♒18 | 25♐30 | 10♊ 2 | 21♏59 | 6♒56 | 11♈21 | 29°R 4 | 4°R17 | 28°R16 | 28♈47 | 5♐ 1 | 23°R46 | T 1 |
| W 2 | 8 50 32 | 13°22'09 | 4♋39 | 8°57 | 26°32 | 10°16 | 22° 5 | 7° 3 | 11°24 | 29♍ 3 | 4♌16 | 28♈ 8 | 28°43 | 5° 8 | 23♌41 | W 2 |
| T 3 | 8 54 29 | 14°23'06 | 19°11 | 10°37 | 27°33 | 10°31 | 22°11 | 7°10 | 11°26 | 29° 2 | 4°15 | 27°58 | 28°40 | 5°15 | 23°37 | T 3 |
| F 4 | 8 58 25 | 15°24'02 | 3♌37 | 12°18 | 28°36 | 10°47 | 22°17 | 7°17 | 11°28 | 29° 1 | 4°13 | 27°47 | 28°37 | 5°21 | 23°32 | F 4 |
| S 5 | 9 2 22 | 16°24'57 | 17°50 | 13°59 | 29°38 | 11° 3 | 22°23 | 7°24 | 11°30 | 29° 0 | 4°12 | 27°35 | 28°34 | 5°28 | 23°28 | S 5 |
| S 6 | 9 6 18 | 17°25'51 | 1♍46 | 15°41 | 0♎41 | 11°19 | 22°28 | 7°31 | 11°33 | 28°59 | 4°11 | 27°25 | 28°31 | 5°35 | 23°23 | S 6 |
| M 7 | 9 10 15 | 18°26'44 | 15°20 | 17°24 | 1°44 | 11°36 | 22°34 | 7°38 | 11°35 | 28°58 | 4°10 | 27°16 | 28°27 | 5°41 | 23°19 | M 7 |
| T 8 | 9 14 11 | 19°27'36 | 28°29 | 19° 7 | 2°47 | 11°53 | 22°39 | 7°45 | 11°37 | 28°57 | 4° 8 | 27° 9 | 28°24 | 5°48 | 23°14 | T 8 |
| W 9 | 9 18 8 | 20°28'28 | 11♎15 | 20°51 | 3°51 | 12°11 | 22°44 | 7°52 | 11°40 | 28°55 | 4° 7 | 27° 6 | 28°21 | 5°55 | 23° 9 | W 9 |
| T 10 | 9 22 4 | 21°29'18 | 23°41 | 22°36 | 4°55 | 12°29 | 22°49 | 7°59 | 11°42 | 28°54 | 4° 6 | 27°D 5 | 28°18 | 6° 1 | 23° 5 | T 10 |
| F 11 | 9 26 1 | 22°30'08 | 5♏50 | 24°21 | 5°59 | 12°48 | 22°54 | 8° 6 | 11°44 | 28°53 | 4° 4 | 27° 5 | 28°15 | 6° 8 | 23° 0 | F 11 |
| S 12 | 9 29 58 | 23°30'57 | 17°46 | 26° 7 | 7° 4 | 13° 7 | 22°59 | 8°13 | 11°47 | 28°52 | 4° 3 | 27° 6 | 28°12 | 6°15 | 22°55 | S 12 |
| S 13 | 9 33 54 | 24°31'45 | 29°36 | 27°54 | 8° 9 | 13°26 | 23° 3 | 8°20 | 11°50 | 28°50 | 4° 2 | 27°R 6 | 28° 8 | 6°21 | 22°51 | S 13 |
| M14 | 9 37 51 | 25°32'32 | 11♐25 | 29°42 | 9°14 | 13°46 | 23° 8 | 8°27 | 11°52 | 28°49 | 4° 1 | 27° 4 | 28° 5 | 6°28 | 22°46 | M14 |
| T 15 | 9 41 47 | 26°33'18 | 23°19 | 1♓30 | 10°19 | 14° 6 | 23°12 | 8°34 | 11°55 | 28°48 | 4° 0 | 27° 0 | 28° 2 | 6°35 | 22°41 | T 15 |
| W16 | 9 45 44 | 27°34'04 | 5♑21 | 3°18 | 11°24 | 14°27 | 23°16 | 8°41 | 11°57 | 28°46 | 3°58 | 26°54 | 27°59 | 6°42 | 22°37 | W16 |
| T 17 | 9 49 40 | 28°34'48 | 17°35 | 5° 7 | 12°30 | 14°48 | 23°20 | 8°47 | 12° 0 | 28°45 | 3°57 | 26°46 | 27°56 | 6°48 | 22°32 | T 17 |
| F 18 | 9 53 37 | 29°35'31 | 0♒ 5 | 6°56 | 13°36 | 15° 9 | 23°23 | 8°54 | 12° 3 | 28°44 | 3°56 | 26°36 | 27°52 | 6°55 | 22°28 | F 18 |
| S 19 | 9 57 34 | 0♓36'13 | 12°51 | 8°46 | 14°42 | 15°31 | 23°27 | 9° 1 | 12° 5 | 28°42 | 3°55 | 26°25 | 27°49 | 7° 2 | 22°23 | S 19 |
| S 20 | 10 1 30 | 1°36'54 | 25°55 | 10°35 | 15°49 | 15°52 | 23°30 | 9° 8 | 12° 8 | 28°41 | 3°54 | 26°15 | 27°46 | 7° 8 | 22°18 | S 20 |
| M21 | 10 5 27 | 2°37'33 | 9♓14 | 12°25 | 16°55 | 16°15 | 23°33 | 9°15 | 12°11 | 28°39 | 3°52 | 26° 6 | 27°43 | 7°15 | 22°14 | M21 |
| T 22 | 10 9 23 | 3°38'10 | 22°46 | 14°14 | 18° 2 | 16°37 | 23°36 | 9°21 | 12°14 | 28°38 | 3°51 | 25°59 | 27°40 | 7°22 | 22° 9 | T 22 |
| W23 | 10 13 20 | 4°38'47 | 6♈30 | 16° 3 | 19° 9 | 17° 0 | 23°39 | 9°28 | 12°17 | 28°36 | 3°50 | 25°55 | 27°37 | 7°28 | 22° 5 | W23 |
| T 24 | 10 17 16 | 5°39'21 | 20°22 | 17°51 | 20°16 | 17°23 | 23°41 | 9°35 | 12°20 | 28°35 | 3°49 | 25°D53 | 27°33 | 7°35 | 22° 0 | T 24 |
| F 25 | 10 21 13 | 6°39'54 | 4♉20 | 19°38 | 21°23 | 17°47 | 23°44 | 9°41 | 12°23 | 28°33 | 3°48 | 25°53 | 27°30 | 7°42 | 21°56 | F 25 |
| S 26 | 10 25 9 | 7°40'25 | 18°23 | 21°23 | 22°31 | 18°11 | 23°46 | 9°48 | 12°25 | 28°32 | 3°47 | 25°54 | 27°27 | 7°48 | 21°52 | S 26 |
| S 27 | 10 29 6 | 8°40'54 | 2♊29 | 23° 7 | 23°38 | 18°35 | 23°48 | 9°54 | 12°28 | 28°30 | 3°46 | 25°R55 | 27°24 | 7°55 | 21°47 | S 27 |
| M28 | 10 33 2 | 9♓41'22 | 16♊37 | 24♓48 | 24♑46 | 18♊59 | 23♏50 | 10♒ 1 | 12♈31 | 28♍29 | 3♌45 | 25♈55 | 27♈21 | 8♐ 2 | 21♌43 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s 3 | 26n58 | 3n58 | 20s19 | 1s58 | 19s44 | 3n35 | 24n29 | 2n37 | 17s 8 | 1n 7 | 18s50 | 0s21 | 3n52 | 0s40 | 1n26 | 1n10 | 21n41 | 2n37 | 10n50 | 11n 1 | 24s 5 | 6n34 | 7s24 |
| W 2 | 16 46 | 27 55 | 4 37 | 19 55 | 2 0 | 19 48 | 3 32 | 24 31 | 2 36 | 17 9 | 1 8 | 18 49 | 0 21 | 3 53 | 0 40 | 1 27 | 1 10 | 21 41 | 2 37 | 10 47 | 11 0 | 24 7 | 6 36 | 7 24 |
| T 3 | 16 29 | 26 56 | 4 58 | 19 30 | 2 2 | 19 53 | 3 29 | 24 33 | 2 36 | 17 11 | 1 8 | 18 47 | 0 21 | 3 54 | 0 40 | 1 27 | 1 10 | 21 42 | 2 37 | 10 44 | 10 59 | 24 9 | 6 37 | 7 24 |
| F 4 | 16 11 | 24 9 | 5 0 | 19 3 | 2 4 | 19 57 | 3 26 | 24 35 | 2 36 | 17 12 | 1 8 | 18 45 | 0 21 | 3 54 | 0 40 | 1 28 | 1 10 | 21 42 | 2 37 | 10 40 | 10 58 | 24 11 | 6 38 | 7 24 |
| S 5 | 15 53 | 19 56 | 4 43 | 18 35 | 2 5 | 20 1 | 3 22 | 24 36 | 2 35 | 17 14 | 1 8 | 18 43 | 0 21 | 3 55 | 0 40 | 1 28 | 1 10 | 21 42 | 2 37 | 10 36 | 10 56 | 24 13 | 6 40 | 7 24 |
| S 6 | 15 34 | 14 42 | 4 9 | 18 6 | 2 5 | 20 4 | 3 19 | 24 38 | 2 35 | 17 15 | 1 8 | 18 42 | 0 21 | 3 56 | 0 40 | 1 29 | 1 10 | 21 43 | 2 37 | 10 32 | 10 55 | 24 15 | 6 41 | 7 24 |
| M 7 | 15 16 | 8 53 | 3 23 | 17 35 | 2 6 | 20 7 | 3 15 | 24 40 | 2 34 | 17 16 | 1 8 | 18 40 | 0 21 | 3 57 | 0 40 | 1 29 | 1 10 | 21 43 | 2 37 | 10 29 | 10 54 | 24 17 | 6 43 | 7 24 |
| T 8 | 14 57 | 2 50 | 2 26 | 17 3 | 2 5 | 20 9 | 3 12 | 24 42 | 2 34 | 17 17 | 1 9 | 18 38 | 0 22 | 3 58 | 0 40 | 1 29 | 1 10 | 21 44 | 2 37 | 10 26 | 10 53 | 24 18 | 6 44 | 7 24 |
| W 9 | 14 38 | 3s10 | 1 23 | 16 29 | 2 5 | 20 12 | 3 8 | 24 44 | 2 33 | 17 18 | 1 9 | 18 37 | 0 22 | 3 59 | 0 40 | 1 30 | 1 10 | 21 44 | 2 37 | 10 25 | 10 52 | 24 20 | 6 46 | 7 24 |
| T 10 | 14 19 | 8 54 | 0 18 | 15 54 | 2 4 | 20 13 | 3 5 | 24 46 | 2 33 | 17 19 | 1 9 | 18 35 | 0 22 | 4 0 | 0 40 | 1 31 | 1 10 | 21 44 | 2 37 | 10 25 | 10 51 | 24 22 | 6 47 | 7 24 |
| F 11 | 13 59 | 14 10 | 0s47 | 15 18 | 2 2 | 20 14 | 3 1 | 24 48 | 2 32 | 17 21 | 1 9 | 18 33 | 0 22 | 4 1 | 0 40 | 1 31 | 1 10 | 21 45 | 2 37 | 10 25 | 10 50 | 24 24 | 6 49 | 7 24 |
| S 12 | 13 39 | 18 49 | 1 48 | 14 40 | 2 0 | 20 15 | 2 57 | 24 50 | 2 31 | 17 22 | 1 9 | 18 31 | 0 22 | 4 2 | 0 40 | 1 32 | 1 10 | 21 45 | 2 38 | 10 25 | 10 48 | 24 26 | 6 50 | 7 24 |
| S 13 | 13 19 | 22 42 | 2 45 | 14 1 | 1 58 | 20 15 | 2 53 | 24 51 | 2 31 | 17 23 | 1 9 | 18 30 | 0 22 | 4 3 | 0 40 | 1 32 | 1 10 | 21 45 | 2 38 | 10 25 | 10 47 | 24 28 | 6 52 | 7 24 |
| M14 | 12 59 | 25 38 | 3 34 | 13 21 | 1 55 | 20 15 | 2 49 | 24 53 | 2 30 | 17 23 | 1 10 | 18 28 | 0 22 | 4 4 | 0 40 | 1 33 | 1 10 | 21 46 | 2 38 | 10 24 | 10 46 | 24 30 | 6 54 | 7 24 |
| T 15 | 12 38 | 27 27 | 4 14 | 12 39 | 1 51 | 20 14 | 2 45 | 24 55 | 2 30 | 17 24 | 1 10 | 18 26 | 0 22 | 4 5 | 0 40 | 1 33 | 1 10 | 21 46 | 2 38 | 10 23 | 10 45 | 24 31 | 6 55 | 7 24 |
| W16 | 12 17 | 28 0 | 4 44 | 11 56 | 1 47 | 20 13 | 2 41 | 24 57 | 2 29 | 17 25 | 1 10 | 18 25 | 0 22 | 4 6 | 0 40 | 1 34 | 1 10 | 21 46 | 2 38 | 10 21 | 10 44 | 24 33 | 6 57 | 7 23 |
| T 17 | 11 56 | 27 12 | 5 1 | 11 12 | 1 42 | 20 12 | 2 37 | 24 59 | 2 29 | 17 26 | 1 10 | 18 23 | 0 22 | 4 7 | 0 40 | 1 34 | 1 10 | 21 47 | 2 38 | 10 18 | 10 43 | 24 35 | 6 58 | 7 23 |
| F 18 | 11 35 | 25 2 | 5 4 | 10 27 | 1 37 | 20 9 | 2 33 | 25 1 | 2 28 | 17 27 | 1 10 | 18 21 | 0 22 | 4 8 | 0 40 | 1 35 | 1 10 | 21 47 | 2 38 | 10 14 | 10 42 | 24 37 | 7 0 | 7 23 |
| S 19 | 11 14 | 21 35 | 4 52 | 9 41 | 1 31 | 20 7 | 2 29 | 25 3 | 2 28 | 17 27 | 1 10 | 18 19 | 0 22 | 4 9 | 0 40 | 1 36 | 1 10 | 21 47 | 2 38 | 10 10 | 10 41 | 24 39 | 7 2 | 7 23 |
| S 20 | 10 53 | 17 1 | 4 25 | 8 53 | 1 25 | 20 4 | 2 24 | 25 4 | 2 27 | 17 28 | 1 11 | 18 18 | 0 23 | 4 11 | 0 40 | 1 36 | 1 10 | 21 48 | 2 38 | 10 7 | 10 39 | 24 41 | 7 3 | 7 22 |
| M21 | 10 31 | 11 32 | 3 43 | 8 5 | 1 18 | 20 0 | 2 20 | 25 6 | 2 26 | 17 29 | 1 11 | 18 16 | 0 23 | 4 12 | 0 40 | 1 37 | 1 11 | 21 48 | 2 38 | 10 3 | 10 38 | 24 42 | 7 5 | 7 22 |
| T 22 | 10 9 | 5 26 | 2 48 | 7 16 | 1 10 | 19 56 | 2 16 | 25 8 | 2 26 | 17 29 | 1 11 | 18 14 | 0 23 | 4 13 | 0 40 | 1 37 | 1 11 | 21 48 | 2 38 | 10 1 | 10 37 | 24 44 | 7 7 | 7 22 |
| W23 | 9 47 | 1n 0 | 1 42 | 6 26 | 1 1 | 19 51 | 2 12 | 25 10 | 2 25 | 17 30 | 1 11 | 18 13 | 0 23 | 4 14 | 0 40 | 1 38 | 1 11 | 21 48 | 2 38 | 9 59 | 10 36 | 24 46 | 7 8 | 7 22 |
| T 24 | 9 25 | 7 29 | 0 30 | 5 36 | 0 52 | 19 46 | 2 7 | 25 11 | 2 25 | 17 30 | 1 11 | 18 11 | 0 23 | 4 15 | 0 40 | 1 39 | 1 11 | 21 49 | 2 38 | 9 59 | 10 35 | 24 48 | 7 10 | 7 21 |
| F 25 | 9 3 | 13 39 | 0n45 | 4 45 | 0 42 | 19 40 | 2 3 | 25 13 | 2 24 | 17 31 | 1 11 | 18 9 | 0 23 | 4 16 | 0 40 | 1 39 | 1 11 | 21 49 | 2 38 | 9 59 | 10 34 | 24 49 | 7 12 | 7 21 |
| S 26 | 8 40 | 19 9 | 1 58 | 3 54 | 0 32 | 19 34 | 1 58 | 25 15 | 2 23 | 17 31 | 1 12 | 18 8 | 0 23 | 4 17 | 0 40 | 1 40 | 1 11 | 21 49 | 2 38 | 9 59 | 10 33 | 24 51 | 7 14 | 7 21 |
| S 27 | 8 18 | 23 37 | 3 4 | 3 3 | 0 21 | 19 27 | 1 54 | 25 16 | 2 23 | 17 31 | 1 12 | 18 6 | 0 23 | 4 19 | 0 40 | 1 40 | 1 11 | 21 50 | 2 38 | 9 59 | 10 31 | 24 53 | 7 15 | 7 20 |
| M28 | 7s55 | 26n41 | 3n59 | 2s12 | 0s 9 | 19s20 | 1n50 | 25n18 | 2n22 | 17s32 | 1n12 | 18s 4 | 0s23 | 4n20 | 0s40 | 1n41 | 1n11 | 21n50 | 2n38 | 9n59 | 10n30 | 24s55 | 7n17 | 7s20 |

Julian Day Number = 2609726.5, Delta T = 10m16s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'43, Lahiri = 29°54'45


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## MARCH 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 36 59 | 10♓41'48 | 0♋46 | 26♓26 | 25♉54 | 19♊24 | 23♏51 | 10♒ 7 | 12♈34 | 28°R27 | 3°R44 | 25°R53 | 27♈18 | 8♐ 8 | 21°R39 | T 1 |
| W 2 | 10 40 56 | 11°42'12 | 14°53 | 28° 2 | 27° 2 | 19°49 | 23°53 | 10°14 | 12°37 | 28♏26 | 3♌43 | 25♈50 | 27°14 | 8°15 | 21♌34 | W 2 |
| T 3 | 10 44 52 | 12°42'33 | 28°57 | 29°33 | 28°10 | 20°14 | 23°54 | 10°20 | 12°41 | 28°24 | 3°42 | 25°44 | 27°11 | 8°22 | 21°30 | T 3 |
| F 4 | 10 48 49 | 13°42'53 | 12♌54 | 1♈ 0 | 29°19 | 20°40 | 23°55 | 10°26 | 12°44 | 28°23 | 3°41 | 25°37 | 27° 8 | 8°28 | 21°26 | F 4 |
| S 5 | 10 52 45 | 14°43'11 | 26°39 | 2°21 | 0♒27 | 21° 5 | 23°56 | 10°33 | 12°47 | 28°21 | 3°40 | 25°30 | 27° 5 | 8°35 | 21°22 | S 5 |
| S 6 | 10 56 42 | 15°43'28 | 10♍11 | 3°37 | 1°36 | 21°31 | 23°57 | 10°39 | 12°50 | 28°19 | 3°39 | 25°24 | 27° 2 | 8°42 | 21°18 | S 6 |
| M 7 | 11 0 38 | 16°43'42 | 23°26 | 4°47 | 2°44 | 21°57 | 23°57 | 10°45 | 12°53 | 28°18 | 3°38 | 25°18 | 26°58 | 8°48 | 21°14 | M 7 |
| T 8 | 11 4 35 | 17°43'55 | 6♎24 | 5°49 | 3°53 | 22°23 | 23°58 | 10°51 | 12°56 | 28°16 | 3°37 | 25°15 | 26°55 | 8°55 | 21°10 | T 8 |
| W 9 | 11 8 31 | 18°44'06 | 19° 3 | 6°44 | 5° 2 | 22°50 | 23°R58 | 10°58 | 12°59 | 28°14 | 3°36 | 25°13 | 26°52 | 9° 2 | 21° 6 | W 9 |
| T 10 | 11 12 28 | 19°44'15 | 1♏25 | 7°31 | 6°11 | 23°17 | 23°58 | 11° 4 | 13° 3 | 28°13 | 3°35 | 25°D13 | 26°49 | 9° 8 | 21° 2 | T 10 |
| F 11 | 11 16 25 | 20°44'23 | 13°34 | 8°10 | 7°21 | 23°44 | 23°58 | 11°10 | 13° 6 | 28°11 | 3°34 | 25°14 | 26°46 | 9°15 | 20°59 | F 11 |
| S 12 | 11 20 21 | 21°44'30 | 25°32 | 8°40 | 8°30 | 24°11 | 23°57 | 11°16 | 13° 9 | 28°10 | 3°34 | 25°16 | 26°43 | 9°22 | 20°55 | S 12 |
| S 13 | 11 24 18 | 22°44'35 | 7♐23 | 9° 1 | 9°39 | 24°38 | 23°57 | 11°22 | 13°12 | 28° 8 | 3°33 | 25°18 | 26°39 | 9°28 | 20°51 | S 13 |
| M14 | 11 28 14 | 23°44'38 | 19°14 | 9°12 | 10°49 | 25° 6 | 23°56 | 11°27 | 13°15 | 28° 6 | 3°32 | 25°R19 | 26°36 | 9°35 | 20°48 | M14 |
| T 15 | 11 32 11 | 24°44'40 | 1♑ 8 | 9°R15 | 11°58 | 25°34 | 23°55 | 11°33 | 13°19 | 28° 5 | 3°31 | 25°19 | 26°33 | 9°42 | 20°44 | T 15 |
| W16 | 11 36 7 | 25°44'40 | 13°10 | 9° 8 | 13° 8 | 26° 2 | 23°54 | 11°39 | 13°22 | 28° 3 | 3°31 | 25°17 | 26°30 | 9°49 | 20°41 | W16 |
| T 17 | 11 40 4 | 26°44'39 | 25°26 | 8°53 | 14°18 | 26°30 | 23°52 | 11°45 | 13°25 | 28° 1 | 3°30 | 25°14 | 26°27 | 9°55 | 20°38 | T 17 |
| F 18 | 11 44 0 | 27°44'36 | 7♒59 | 8°30 | 15°28 | 26°58 | 23°51 | 11°51 | 13°29 | 28° 0 | 3°29 | 25°11 | 26°24 | 10° 2 | 20°35 | F 18 |
| S 19 | 11 47 57 | 28°44'31 | 20°52 | 7°59 | 16°38 | 27°27 | 23°49 | 11°56 | 13°32 | 27°58 | 3°28 | 25° 6 | 26°20 | 10° 9 | 20°31 | S 19 |
| S 20 | 11 51 54 | 29°44'24 | 4♓ 6 | 7°21 | 17°48 | 27°55 | 23°47 | 12° 2 | 13°35 | 27°56 | 3°28 | 25° 2 | 26°17 | 10°15 | 20°28 | S 20 |
| M21 | 11 55 50 | 0♈44'16 | 17°41 | 6°38 | 18°58 | 28°24 | 23°45 | 12° 7 | 13°39 | 27°55 | 3°27 | 24°59 | 26°14 | 10°22 | 20°25 | M21 |
| T 22 | 11 59 47 | 1°44'05 | 1♈34 | 5°49 | 20° 8 | 28°53 | 23°43 | 12°13 | 13°42 | 27°53 | 3°27 | 24°56 | 26°11 | 10°29 | 20°22 | T 22 |
| W23 | 12 3 43 | 2°43'53 | 15°44 | 4°57 | 21°19 | 29°22 | 23°40 | 12°18 | 13°45 | 27°51 | 3°26 | 24°55 | 26° 8 | 10°35 | 20°20 | W23 |
| T 24 | 12 7 40 | 3°43'39 | 0♉ 3 | 4° 3 | 22°29 | 29°51 | 23°38 | 12°23 | 13°49 | 27°50 | 3°25 | 24°D55 | 26° 4 | 10°42 | 20°17 | T 24 |
| F 25 | 12 11 36 | 4°43'23 | 14°29 | 3° 7 | 23°39 | 0♋21 | 23°35 | 12°29 | 13°52 | 27°48 | 3°25 | 24°55 | 26° 1 | 10°49 | 20°14 | F 25 |
| S 26 | 12 15 33 | 5°43'04 | 28°56 | 2°11 | 24°50 | 0°51 | 23°32 | 12°34 | 13°56 | 27°46 | 3°24 | 24°57 | 25°58 | 10°55 | 20°12 | S 26 |
| S 27 | 12 19 29 | 6°42'44 | 13♊19 | 1°16 | 26° 1 | 1°20 | 23°29 | 12°39 | 13°59 | 27°45 | 3°24 | 24°58 | 25°55 | 11° 2 | 20° 9 | S 27 |
| M28 | 12 23 26 | 7°42'21 | 27°35 | 0°24 | 27°11 | 1°50 | 23°26 | 12°44 | 14° 2 | 27°43 | 3°23 | 24°59 | 25°52 | 11° 9 | 20° 7 | M28 |
| T 29 | 12 27 23 | 8°41'56 | 11♋43 | 29♓34 | 28°22 | 2°20 | 23°22 | 12°49 | 14° 6 | 27°41 | 3°23 | 24°R59 | 25°49 | 11°15 | 20° 5 | T 29 |
| W30 | 12 31 19 | 9°41'28 | 25°40 | 28°49 | 29°33 | 2°50 | 23°18 | 12°54 | 14° 9 | 27°40 | 3°22 | 24°58 | 25°45 | 11°22 | 20° 2 | W30 |
| T 31 | 12 35 16 | 10♈40'58 | 9♌25 | 28♓ 8 | 0♓43 | 3♋21 | 23♏14 | 12♒59 | 14♈13 | 27♍38 | 3♌22 | 24♈57 | 25♈42 | 11♐29 | 20♌ 0 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s32 | 28n 3 | 4n40 | 1s22 | 0n 3 | 19s12 | 1n45 | 25n19 | 2n22 | 17s32 | 1n12 | 18s 3 | 0s23 | 4n21 | 0s40 | 1n42 | 1n11 | 21n50 | 2n38 | 9n59 | 10n29 | 24s56 | 7n19 | 7s20 |
| W 2 | 7 9 | 27 35 | 5 3 | 0 32 | 0 16 | 19 3 | 1 41 | 25 20 | 2 21 | 17 32 | 1 12 | 18 1 | 0 23 | 4 22 | 0 40 | 1 42 | 1 11 | 21 50 | 2 38 | 9 57 | 10 28 | 24 58 | 7 20 | 7 19 |
| T 3 | 6 46 | 25 21 | 5 8 | 0n16 | 0 30 | 18 54 | 1 36 | 25 22 | 2 20 | 17 32 | 1 12 | 17 59 | 0 23 | 4 23 | 0 40 | 1 43 | 1 11 | 21 51 | 2 38 | 9 55 | 10 27 | 25 0 | 7 22 | 7 19 |
| F 4 | 6 23 | 21 37 | 4 55 | 1 3 | 0 43 | 18 45 | 1 32 | 25 23 | 2 20 | 17 32 | 1 13 | 17 58 | 0 24 | 4 25 | 0 40 | 1 44 | 1 11 | 21 51 | 2 38 | 9 53 | 10 26 | 25 2 | 7 24 | 7 18 |
| S 5 | 6 0 | 16 45 | 4 25 | 1 49 | 0 57 | 18 35 | 1 27 | 25 24 | 2 19 | 17 32 | 1 13 | 17 56 | 0 24 | 4 26 | 0 40 | 1 44 | 1 11 | 21 51 | 2 38 | 9 50 | 10 25 | 25 3 | 7 25 | 7 18 |
| S 6 | 5 37 | 11 7 | 3 40 | 2 32 | 1 12 | 18 25 | 1 23 | 25 25 | 2 19 | 17 32 | 1 13 | 17 54 | 0 24 | 4 27 | 0 40 | 1 45 | 1 11 | 21 51 | 2 38 | 9 48 | 10 23 | 25 5 | 7 27 | 7 18 |
| M 7 | 5 14 | 5 7 | 2 44 | 3 13 | 1 26 | 18 14 | 1 19 | 25 26 | 2 18 | 17 32 | 1 13 | 17 53 | 0 24 | 4 28 | 0 40 | 1 46 | 1 11 | 21 52 | 2 38 | 9 46 | 10 22 | 25 7 | 7 29 | 7 17 |
| T 8 | 4 50 | 1s 0 | 1 41 | 3 50 | 1 40 | 18 2 | 1 14 | 25 27 | 2 17 | 17 32 | 1 13 | 17 51 | 0 24 | 4 29 | 0 39 | 1 46 | 1 11 | 21 52 | 2 38 | 9 45 | 10 21 | 25 9 | 7 30 | 7 17 |
| W 9 | 4 27 | 6 55 | 0 34 | 4 25 | 1 54 | 17 50 | 1 10 | 25 28 | 2 17 | 17 32 | 1 13 | 17 50 | 0 24 | 4 31 | 0 39 | 1 47 | 1 11 | 21 52 | 2 38 | 9 44 | 10 20 | 25 10 | 7 32 | 7 16 |
| T 10 | 4 3 | 12 28 | 0s34 | 4 57 | 2 8 | 17 38 | 1 5 | 25 29 | 2 16 | 17 32 | 1 13 | 17 48 | 0 24 | 4 32 | 0 39 | 1 48 | 1 11 | 21 52 | 2 38 | 9 44 | 10 19 | 25 12 | 7 34 | 7 16 |
| F 11 | 3 40 | 17 26 | 1 39 | 5 24 | 2 22 | 17 25 | 1 1 | 25 30 | 2 16 | 17 32 | 1 14 | 17 47 | 0 24 | 4 33 | 0 39 | 1 48 | 1 11 | 21 53 | 2 38 | 9 45 | 10 18 | 25 14 | 7 35 | 7 15 |
| S 12 | 3 16 | 21 39 | 2 38 | 5 48 | 2 34 | 17 11 | 0 57 | 25 30 | 2 15 | 17 32 | 1 14 | 17 45 | 0 24 | 4 34 | 0 39 | 1 49 | 1 11 | 21 53 | 2 38 | 9 45 | 10 17 | 25 15 | 7 37 | 7 14 |
| S 13 | 2 52 | 24 57 | 3 30 | 6 7 | 2 46 | 16 57 | 0 52 | 25 31 | 2 14 | 17 31 | 1 14 | 17 43 | 0 24 | 4 36 | 0 39 | 1 50 | 1 11 | 21 53 | 2 38 | 9 46 | 10 15 | 25 17 | 7 39 | 7 14 |
| M14 | 2 29 | 27 9 | 4 13 | 6 22 | 2 57 | 16 43 | 0 48 | 25 31 | 2 14 | 17 31 | 1 14 | 17 42 | 0 25 | 4 37 | 0 39 | 1 50 | 1 11 | 21 53 | 2 38 | 9 46 | 10 14 | 25 19 | 7 40 | 7 13 |
| T 15 | 2 5 | 28 9 | 4 46 | 6 32 | 3 7 | 16 28 | 0 44 | 25 32 | 2 13 | 17 31 | 1 14 | 17 40 | 0 25 | 4 38 | 0 39 | 1 51 | 1 11 | 21 53 | 2 38 | 9 46 | 10 13 | 25 20 | 7 42 | 7 13 |
| W16 | 1 41 | 27 49 | 5 6 | 6 37 | 3 16 | 16 12 | 0 40 | 25 32 | 2 13 | 17 30 | 1 14 | 17 39 | 0 25 | 4 40 | 0 39 | 1 52 | 1 11 | 21 54 | 2 38 | 9 46 | 10 12 | 25 22 | 7 43 | 7 12 |
| T 17 | 1 18 | 26 8 | 5 13 | 6 38 | 3 23 | 15 56 | 0 35 | 25 32 | 2 12 | 17 30 | 1 15 | 17 37 | 0 25 | 4 41 | 0 39 | 1 52 | 1 11 | 21 54 | 2 38 | 9 45 | 10 11 | 25 24 | 7 45 | 7 12 |
| F 18 | 0 54 | 23 9 | 5 5 | 6 33 | 3 28 | 15 40 | 0 31 | 25 32 | 2 11 | 17 29 | 1 15 | 17 36 | 0 25 | 4 42 | 0 39 | 1 53 | 1 11 | 21 54 | 2 38 | 9 43 | 10 10 | 25 25 | 7 47 | 7 11 |
| S 19 | 0 30 | 18 58 | 4 42 | 6 25 | 3 32 | 15 23 | 0 27 | 25 32 | 2 11 | 17 29 | 1 15 | 17 34 | 0 25 | 4 44 | 0 39 | 1 54 | 1 11 | 21 54 | 2 38 | 9 42 | 10 9 | 25 27 | 7 48 | 7 10 |
| S 20 | 0 6 | 13 46 | 4 4 | 6 11 | 3 34 | 15 6 | 0 23 | 25 32 | 2 10 | 17 28 | 1 15 | 17 33 | 0 25 | 4 45 | 0 39 | 1 54 | 1 11 | 21 54 | 2 38 | 9 40 | 10 7 | 25 28 | 7 50 | 7 10 |
| M21 | 0n18 | 7 47 | 3 11 | 5 54 | 3 34 | 14 48 | 0 19 | 25 32 | 2 10 | 17 27 | 1 15 | 17 32 | 0 25 | 4 46 | 0 39 | 1 55 | 1 11 | 21 54 | 2 38 | 9 39 | 10 6 | 25 30 | 7 51 | 7 9 |
| T 22 | 0 41 | 1 17 | 2 5 | 5 33 | 3 32 | 14 30 | 0 15 | 25 32 | 2 9 | 17 27 | 1 15 | 17 30 | 0 25 | 4 47 | 0 39 | 1 56 | 1 11 | 21 55 | 2 38 | 9 38 | 10 5 | 25 32 | 7 53 | 7 8 |
| W23 | 1 5 | 5n24 | 0 50 | 5 8 | 3 28 | 14 12 | 0 11 | 25 32 | 2 8 | 17 26 | 1 15 | 17 29 | 0 25 | 4 49 | 0 39 | 1 56 | 1 11 | 21 55 | 2 39 | 9 37 | 10 4 | 25 33 | 7 54 | 7 8 |
| T 24 | 1 29 | 11 55 | 0n28 | 4 41 | 3 22 | 13 53 | 0 7 | 25 31 | 2 8 | 17 25 | 1 16 | 17 27 | 0 26 | 4 50 | 0 39 | 1 57 | 1 11 | 21 55 | 2 39 | 9 37 | 10 3 | 25 35 | 7 56 | 7 7 |
| F 25 | 1 52 | 17 50 | 1 46 | 4 12 | 3 14 | 13 34 | 0 3 | 25 30 | 2 7 | 17 24 | 1 16 | 17 26 | 0 26 | 4 51 | 0 39 | 1 58 | 1 11 | 21 55 | 2 39 | 9 38 | 10 2 | 25 37 | 7 57 | 7 6 |
| S 26 | 2 16 | 22 45 | 2 57 | 3 41 | 3 4 | 13 14 | 0s 1 | 25 30 | 2 7 | 17 23 | 1 16 | 17 25 | 0 26 | 4 53 | 0 39 | 1 58 | 1 11 | 21 55 | 2 39 | 9 38 | 10 1 | 25 38 | 7 59 | 7 6 |
| S 27 | 2 40 | 26 15 | 3 56 | 3 9 | 2 53 | 12 54 | 0 5 | 25 29 | 2 6 | 17 22 | 1 16 | 17 23 | 0 26 | 4 54 | 0 39 | 1 59 | 1 11 | 21 55 | 2 39 | 9 39 | 9 59 | 25 40 | 8 0 | 7 5 |
| M28 | 3 3 | 28 2 | 4 41 | 2 37 | 2 41 | 12 33 | 0 8 | 25 28 | 2 6 | 17 21 | 1 16 | 17 22 | 0 26 | 4 55 | 0 39 | 2 0 | 1 11 | 21 55 | 2 39 | 9 39 | 9 58 | 25 41 | 8 1 | 7 4 |
| T 29 | 3 26 | 27 58 | 5 8 | 2 5 | 2 28 | 12 12 | 0 12 | 25 27 | 2 5 | 17 21 | 1 16 | 17 21 | 0 26 | 4 57 | 0 39 | 2 0 | 1 11 | 21 56 | 2 39 | 9 39 | 9 57 | 25 43 | 8 3 | 7 4 |
| W30 | 3 50 | 26 8 | 5 16 | 1 34 | 2 14 | 11 51 | 0 16 | 25 26 | 2 4 | 17 19 | 1 16 | 17 19 | 0 26 | 4 58 | 0 39 | 2 1 | 1 11 | 21 56 | 2 39 | 9 39 | 9 56 | 25 44 | 8 4 | 7 3 |
| T 31 | 4n13 | 22n46 | 5n 6 | 1n 4 | 1n59 | 11s30 | 0s19 | 25n24 | 2n 4 | 17s18 | 1n17 | 17s18 | 0s26 | 4n59 | 0s39 | 2n 2 | 1n11 | 21n56 | 2n39 | 9n38 | 9n55 | 25s46 | 8n 5 | 7s 2 |

Julian Day Number = 2609754.5, Delta T = 10m17s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'47, Lahiri = 29°54'49


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## APRIL 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 39 12 | 11♈40'26 | 22♌57 | 27°R32 | 1♓54 | 3♋51 | 23°R10 | 13♒ 4 | 14♈16 | 27°R37 | 3°R22 | 24°R55 | 25♈39 | 11♐35 | 19°R58 | F 1 |
| S 2 | 12 43 9 | 12°39'52 | 6♍16 | 27♓ 2 | 3° 5 | 4°22 | 23♏ 6 | 13° 8 | 14°19 | 27♍35 | 3♌21 | 24♈54 | 25°36 | 11°42 | 19♌57 | S 2 |
| S 3 | 12 47 5 | 13°39'15 | 19°21 | 26°37 | 4°16 | 4°52 | 23° 2 | 13°13 | 14°23 | 27°33 | 3°21 | 24°52 | 25°33 | 11°49 | 19°55 | S 3 |
| M 4 | 12 51 2 | 14°38'36 | 2♎13 | 26°19 | 5°27 | 5°23 | 22°57 | 13°17 | 14°26 | 27°32 | 3°21 | 24°51 | 25°30 | 11°55 | 19°53 | M 4 |
| T 5 | 12 54 58 | 15°37'55 | 14°52 | 26° 6 | 6°38 | 5°54 | 22°53 | 13°22 | 14°30 | 27°30 | 3°20 | 24°50 | 25°26 | 12° 2 | 19°52 | T 5 |
| W 6 | 12 58 55 | 16°37'13 | 27°17 | 25°59 | 7°49 | 6°25 | 22°48 | 13°26 | 14°33 | 27°29 | 3°20 | 24°D50 | 25°23 | 12° 9 | 19°50 | W 6 |
| T 7 | 13 2 52 | 17°36'28 | 9♏31 | 25°D57 | 9° 1 | 6°56 | 22°43 | 13°31 | 14°37 | 27°27 | 3°20 | 24°50 | 25°20 | 12°16 | 19°49 | T 7 |
| F 8 | 13 6 48 | 18°35'41 | 21°35 | 26° 2 | 10°12 | 7°27 | 22°38 | 13°35 | 14°40 | 27°26 | 3°20 | 24°51 | 25°17 | 12°22 | 19°47 | F 8 |
| S 9 | 13 10 45 | 19°34'53 | 3♐31 | 26°11 | 11°23 | 7°59 | 22°33 | 13°39 | 14°43 | 27°24 | 3°20 | 24°52 | 25°14 | 12°29 | 19°46 | S 9 |
| S 10 | 13 14 41 | 20°34'02 | 15°22 | 26°26 | 12°34 | 8°30 | 22°27 | 13°43 | 14°47 | 27°22 | 3°19 | 24°52 | 25°10 | 12°36 | 19°45 | S 10 |
| M11 | 13 18 38 | 21°33'10 | 27°13 | 26°46 | 13°46 | 9° 2 | 22°22 | 13°47 | 14°50 | 27°21 | 3°19 | 24°53 | 25° 7 | 12°42 | 19°44 | M11 |
| T 12 | 13 22 34 | 22°32'16 | 9♑ 7 | 27°11 | 14°57 | 9°33 | 22°16 | 13°51 | 14°54 | 27°20 | 3°19 | 24°53 | 25° 4 | 12°49 | 19°43 | T 12 |
| W13 | 13 26 31 | 23°31'21 | 21° 9 | 27°40 | 16° 9 | 10° 5 | 22°10 | 13°55 | 14°57 | 27°18 | 3°19 | 24°R53 | 25° 1 | 12°56 | 19°43 | W13 |
| T 14 | 13 30 27 | 24°30'23 | 3♒23 | 28°13 | 17°20 | 10°37 | 22° 4 | 13°59 | 15° 0 | 27°17 | 3°19 | 24°D53 | 24°58 | 13° 2 | 19°42 | T 14 |
| F 15 | 13 34 24 | 25°29'24 | 15°54 | 28°51 | 18°32 | 11° 9 | 21°58 | 14° 3 | 15° 4 | 27°15 | 3°19 | 24°53 | 24°55 | 13° 9 | 19°42 | F 15 |
| S 16 | 13 38 21 | 26°28'23 | 28°46 | 29°32 | 19°43 | 11°41 | 21°52 | 14° 6 | 15° 7 | 27°14 | 3°D19 | 24°53 | 24°51 | 13°16 | 19°41 | S 16 |
| S 17 | 13 42 17 | 27°27'20 | 12♓ 1 | 0♈17 | 20°55 | 12°13 | 21°46 | 14°10 | 15°11 | 27°12 | 3°19 | 24°53 | 24°48 | 13°22 | 19°41 | S 17 |
| M18 | 13 46 14 | 28°26'16 | 25°40 | 1° 5 | 22° 7 | 12°45 | 21°39 | 14°14 | 15°14 | 27°11 | 3°19 | 24°54 | 24°45 | 13°29 | 19°41 | M18 |
| T 19 | 13 50 10 | 29°25'09 | 9♈45 | 1°57 | 23°18 | 13°17 | 21°33 | 14°17 | 15°17 | 27°10 | 3°19 | 24°54 | 24°42 | 13°36 | 19°D40 | T 19 |
| W20 | 13 54 7 | 0♉24'01 | 24°10 | 2°52 | 24°30 | 13°50 | 21°26 | 14°20 | 15°21 | 27° 8 | 3°19 | 24°R54 | 24°39 | 13°42 | 19°40 | W20 |
| T 21 | 13 58 3 | 1°22'51 | 8♉52 | 3°50 | 25°42 | 14°22 | 21°19 | 14°23 | 15°24 | 27° 7 | 3°19 | 24°54 | 24°35 | 13°49 | 19°41 | T 21 |
| F 22 | 14 2 0 | 2°21'39 | 23°44 | 4°50 | 26°54 | 14°55 | 21°13 | 14°27 | 15°27 | 27° 6 | 3°20 | 24°53 | 24°32 | 13°56 | 19°41 | F 22 |
| S 23 | 14 5 56 | 3°20'25 | 8♊37 | 5°54 | 28° 5 | 15°27 | 21° 6 | 14°30 | 15°31 | 27° 4 | 3°20 | 24°52 | 24°29 | 14° 3 | 19°41 | S 23 |
| S 24 | 14 9 53 | 4°19'09 | 23°25 | 7° 0 | 29°17 | 16° 0 | 20°59 | 14°33 | 15°34 | 27° 3 | 3°20 | 24°51 | 24°26 | 14° 9 | 19°42 | S 24 |
| M25 | 14 13 50 | 5°17'51 | 8♋ 0 | 8° 8 | 0♈29 | 16°33 | 20°52 | 14°36 | 15°37 | 27° 2 | 3°20 | 24°50 | 24°23 | 14°16 | 19°42 | M25 |
| T 26 | 14 17 46 | 6°16'30 | 22°18 | 9°19 | 1°41 | 17° 6 | 20°45 | 14°38 | 15°40 | 27° 1 | 3°20 | 24°50 | 24°20 | 14°23 | 19°43 | T 26 |
| W27 | 14 21 43 | 7°15'07 | 6♌16 | 10°32 | 2°53 | 17°39 | 20°37 | 14°41 | 15°44 | 26°59 | 3°21 | 24°D49 | 24°16 | 14°29 | 19°44 | W27 |
| T 28 | 14 25 39 | 8°13'42 | 19°54 | 11°48 | 4° 5 | 18°12 | 20°30 | 14°44 | 15°47 | 26°58 | 3°21 | 24°50 | 24°13 | 14°36 | 19°44 | T 28 |
| F 29 | 14 29 36 | 9°12'15 | 3♍13 | 13° 6 | 5°17 | 18°45 | 20°23 | 14°46 | 15°50 | 26°57 | 3°21 | 24°50 | 24°10 | 14°43 | 19°45 | F 29 |
| S 30 | 14 33 32 | 10♉10'45 | 16♍14 | 14♈25 | 6♈29 | 19♋18 | 20♏15 | 14♒49 | 15♈53 | 26♍56 | 3♌22 | 24♈52 | 24♈ 7 | 14♐49 | 19♌47 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n36 | 18n14 | 4n39 | 0n36 | 1n43 | 11s 8 | 0s23 | 25n23 | 2n 3 | 17s17 | 1n17 | 17s17 | 0s26 | 5n 1 | 0s39 | 2n 2 | 1n11 | 21n56 | 2n39 | 9n38 | 9n54 | 25s47 | 8n 7 | 7s 1 |
| S 2 | 5 0 | 12 52 | 3 57 | 0 10 | 1 28 | 10 46 | 0 26 | 25 21 | 2 3 | 17 16 | 1 17 | 17 16 | 0 26 | 5 2 | 0 39 | 2 3 | 1 11 | 21 56 | 2 39 | 9 37 | 9 52 | 25 49 | 8 8 | 7 1 |
| S 3 | 5 23 | 7 2 | 3 4 | 0s14 | 1 12 | 10 23 | 0 30 | 25 20 | 2 2 | 17 15 | 1 17 | 17 14 | 0 27 | 5 3 | 0 39 | 2 3 | 1 11 | 21 56 | 2 39 | 9 37 | 9 51 | 25 51 | 8 9 | 7 0 |
| M 4 | 5 46 | 0 59 | 2 2 | 0 36 | 0 56 | 10 0 | 0 33 | 25 18 | 2 1 | 17 14 | 1 17 | 17 13 | 0 27 | 5 5 | 0 39 | 2 4 | 1 11 | 21 56 | 2 39 | 9 36 | 9 50 | 25 52 | 8 11 | 6 59 |
| T 5 | 6 8 | 5s 0 | 0 55 | 0 55 | 0 41 | 9 37 | 0 36 | 25 16 | 2 1 | 17 12 | 1 17 | 17 12 | 0 27 | 5 6 | 0 39 | 2 5 | 1 11 | 21 56 | 2 39 | 9 36 | 9 49 | 25 54 | 8 12 | 6 58 |
| W 6 | 6 31 | 10 42 | 0s14 | 1 12 | 0 26 | 9 14 | 0 40 | 25 14 | 2 0 | 17 11 | 1 17 | 17 11 | 0 27 | 5 7 | 0 39 | 2 5 | 1 11 | 21 56 | 2 39 | 9 36 | 9 48 | 25 55 | 8 13 | 6 58 |
| T 7 | 6 54 | 15 54 | 1 21 | 1 26 | 0 11 | 8 50 | 0 43 | 25 12 | 2 0 | 17 10 | 1 17 | 17 10 | 0 27 | 5 9 | 0 39 | 2 6 | 1 11 | 21 56 | 2 39 | 9 36 | 9 47 | 25 57 | 8 14 | 6 57 |
| F 8 | 7 16 | 20 25 | 2 23 | 1 38 | 0s 4 | 8 26 | 0 46 | 25 9 | 1 59 | 17 8 | 1 17 | 17 9 | 0 27 | 5 10 | 0 39 | 2 6 | 1 11 | 21 56 | 2 39 | 9 36 | 9 46 | 25 58 | 8 15 | 6 56 |
| S 9 | 7 39 | 24 3 | 3 18 | 1 47 | 0 18 | 8 2 | 0 49 | 25 7 | 1 58 | 17 7 | 1 17 | 17 7 | 0 27 | 5 11 | 0 39 | 2 7 | 1 11 | 21 56 | 2 39 | 9 36 | 9 44 | 26 0 | 8 16 | 6 55 |
| S 10 | 8 1 | 26 39 | 4 5 | 1 53 | 0 31 | 7 37 | 0 52 | 25 4 | 1 58 | 17 6 | 1 18 | 17 6 | 0 27 | 5 13 | 0 39 | 2 8 | 1 11 | 21 56 | 2 39 | 9 37 | 9 43 | 26 1 | 8 17 | 6 54 |
| M11 | 8 23 | 28 3 | 4 41 | 1 57 | 0 44 | 7 13 | 0 55 | 25 2 | 1 57 | 17 4 | 1 18 | 17 5 | 0 28 | 5 14 | 0 39 | 2 8 | 1 11 | 21 56 | 2 39 | 9 37 | 9 42 | 26 2 | 8 18 | 6 54 |
| T 12 | 8 45 | 28 9 | 5 5 | 1 59 | 0 56 | 6 48 | 0 57 | 24 59 | 1 57 | 17 3 | 1 18 | 17 4 | 0 28 | 5 15 | 0 39 | 2 9 | 1 11 | 21 56 | 2 39 | 9 37 | 9 41 | 26 4 | 8 19 | 6 53 |
| W13 | 9 7 | 26 56 | 5 17 | 1 58 | 1 8 | 6 23 | 1 0 | 24 56 | 1 56 | 17 1 | 1 18 | 17 3 | 0 28 | 5 16 | 0 39 | 2 9 | 1 11 | 21 56 | 2 39 | 9 37 | 9 40 | 26 5 | 8 20 | 6 52 |
| T 14 | 9 29 | 24 26 | 5 14 | 1 55 | 1 19 | 5 57 | 1 3 | 24 53 | 1 56 | 16 59 | 1 18 | 17 2 | 0 28 | 5 18 | 0 39 | 2 10 | 1 11 | 21 56 | 2 39 | 9 37 | 9 39 | 26 7 | 8 21 | 6 51 |
| F 15 | 9 50 | 20 45 | 4 56 | 1 49 | 1 29 | 5 32 | 1 5 | 24 50 | 1 55 | 16 58 | 1 18 | 17 1 | 0 28 | 5 19 | 0 39 | 2 11 | 1 11 | 21 56 | 2 39 | 9 37 | 9 37 | 26 8 | 8 22 | 6 50 |
| S 16 | 10 11 | 16 0 | 4 24 | 1 42 | 1 39 | 5 6 | 1 8 | 24 46 | 1 54 | 16 56 | 1 18 | 17 0 | 0 28 | 5 20 | 0 39 | 2 11 | 1 11 | 21 56 | 2 39 | 9 37 | 9 36 | 26 10 | 8 23 | 6 50 |
| S 17 | 10 33 | 10 22 | 3 36 | 1 32 | 1 48 | 4 40 | 1 10 | 24 43 | 1 54 | 16 55 | 1 18 | 16 59 | 0 28 | 5 22 | 0 39 | 2 12 | 1 11 | 21 56 | 2 39 | 9 37 | 9 35 | 26 11 | 8 24 | 6 49 |
| M18 | 10 54 | 4 5 | 2 35 | 1 20 | 1 56 | 4 14 | 1 12 | 24 39 | 1 53 | 16 53 | 1 18 | 16 59 | 0 28 | 5 23 | 0 39 | 2 12 | 1 11 | 21 56 | 2 39 | 9 37 | 9 34 | 26 13 | 8 25 | 6 48 |
| T 19 | 11 15 | 2n35 | 1 23 | 1 7 | 2 4 | 3 48 | 1 15 | 24 36 | 1 53 | 16 51 | 1 18 | 16 58 | 0 28 | 5 24 | 0 39 | 2 13 | 1 11 | 21 56 | 2 39 | 9 37 | 9 33 | 26 14 | 8 26 | 6 47 |
| W20 | 11 35 | 9 17 | 0 4 | 0 52 | 2 11 | 3 21 | 1 17 | 24 32 | 1 52 | 16 49 | 1 18 | 16 57 | 0 29 | 5 26 | 0 39 | 2 13 | 1 11 | 21 56 | 2 39 | 9 37 | 9 32 | 26 15 | 8 27 | 6 46 |
| T 21 | 11 56 | 15 38 | 1n17 | 0 35 | 2 17 | 2 55 | 1 19 | 24 28 | 1 52 | 16 48 | 1 18 | 16 56 | 0 29 | 5 27 | 0 39 | 2 14 | 1 11 | 21 56 | 2 39 | 9 37 | 9 30 | 26 17 | 8 27 | 6 46 |
| F 22 | 12 16 | 21 8 | 2 33 | 0 16 | 2 23 | 2 28 | 1 21 | 24 24 | 1 51 | 16 46 | 1 18 | 16 55 | 0 29 | 5 28 | 0 39 | 2 14 | 1 11 | 21 56 | 2 39 | 9 37 | 9 29 | 26 18 | 8 28 | 6 45 |
| S 23 | 12 36 | 25 18 | 3 39 | 0n 4 | 2 28 | 2 2 | 1 23 | 24 19 | 1 51 | 16 44 | 1 18 | 16 54 | 0 29 | 5 29 | 0 39 | 2 15 | 1 11 | 21 56 | 2 39 | 9 37 | 9 28 | 26 20 | 8 29 | 6 44 |
| S 24 | 12 56 | 27 43 | 4 30 | 0 26 | 2 33 | 1 35 | 1 25 | 24 15 | 1 50 | 16 42 | 1 18 | 16 54 | 0 29 | 5 31 | 0 39 | 2 15 | 1 11 | 21 56 | 2 39 | 9 36 | 9 27 | 26 21 | 8 29 | 6 43 |
| M25 | 13 16 | 28 11 | 5 3 | 0 49 | 2 37 | 1 8 | 1 27 | 24 10 | 1 49 | 16 40 | 1 18 | 16 53 | 0 29 | 5 32 | 0 39 | 2 16 | 1 11 | 21 56 | 2 39 | 9 36 | 9 26 | 26 22 | 8 30 | 6 42 |
| T 26 | 13 35 | 26 45 | 5 16 | 1 14 | 2 40 | 0 41 | 1 28 | 24 6 | 1 49 | 16 38 | 1 18 | 16 52 | 0 29 | 5 33 | 0 39 | 2 16 | 1 11 | 21 56 | 2 39 | 9 36 | 9 25 | 26 24 | 8 31 | 6 41 |
| W27 | 13 54 | 23 40 | 5 10 | 1 40 | 2 43 | 0 14 | 1 30 | 24 1 | 1 48 | 16 36 | 1 18 | 16 52 | 0 29 | 5 34 | 0 39 | 2 17 | 1 11 | 21 56 | 2 39 | 9 35 | 9 23 | 26 25 | 8 31 | 6 41 |
| T 28 | 14 13 | 19 21 | 4 47 | 2 7 | 2 45 | 0n13 | 1 31 | 23 56 | 1 48 | 16 35 | 1 18 | 16 51 | 0 30 | 5 36 | 0 39 | 2 17 | 1 11 | 21 56 | 2 39 | 9 36 | 9 22 | 26 26 | 8 32 | 6 40 |
| F 29 | 14 32 | 14 10 | 4 8 | 2 35 | 2 47 | 0 40 | 1 33 | 23 51 | 1 47 | 16 33 | 1 18 | 16 50 | 0 30 | 5 37 | 0 39 | 2 17 | 1 11 | 21 56 | 2 39 | 9 36 | 9 21 | 26 28 | 8 32 | 6 39 |
| S 30 | 14n50 | 8n27 | 3n18 | 3n 5 | 2s48 | 1n 7 | 1s34 | 23n45 | 1n47 | 16s31 | 1n18 | 16s50 | 0s30 | 5n38 | 0s39 | 2n18 | 1n11 | 21n56 | 2n39 | 9n36 | 9n20 | 26s29 | 8n33 | 6s38 |

Julian Day Number = 2609785.5, Delta T = 10m17s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'52, Lahiri = 29°54'53


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## MAY 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 37 29 | 11♉ 9'14 | 29♍ 0 | 15♈47 | 7♈41 | 19♋51 | 20°R 8 | 14♒51 | 15♈56 | 26°R55 | 3♌22 | 24♈53 | 24♈ 4 | 14♐56 | 19♌48 | S 1 |
| M 2 | 14 41 25 | 12° 7'40 | 11♎31 | 17°11 | 8°53 | 20°25 | 20♏ 0 | 14°53 | 16° 0 | 26♍54 | 3°22 | 24°54 | 24° 1 | 15° 3 | 19°49 | M 2 |
| T 3 | 14 45 22 | 13° 6'04 | 23°52 | 18°37 | 10° 5 | 20°58 | 19°53 | 14°55 | 16° 3 | 26°53 | 3°23 | 24°R54 | 23°57 | 15° 9 | 19°50 | T 3 |
| W 4 | 14 49 18 | 14° 4'27 | 6♏ 2 | 20° 5 | 11°17 | 21°31 | 19°45 | 14°57 | 16° 6 | 26°52 | 3°23 | 24°54 | 23°54 | 15°16 | 19°52 | W 4 |
| T 5 | 14 53 15 | 15° 2'48 | 18° 5 | 21°34 | 12°29 | 22° 5 | 19°38 | 14°59 | 16° 9 | 26°51 | 3°24 | 24°53 | 23°51 | 15°23 | 19°54 | T 5 |
| F 6 | 14 57 12 | 16° 1'06 | 0♐ 2 | 23° 6 | 13°41 | 22°38 | 19°30 | 15° 1 | 16°12 | 26°50 | 3°24 | 24°50 | 23°48 | 15°30 | 19°55 | F 6 |
| S 7 | 15 1 8 | 16°59'24 | 11°55 | 24°39 | 14°53 | 23°12 | 19°22 | 15° 3 | 16°15 | 26°49 | 3°25 | 24°47 | 23°45 | 15°36 | 19°57 | S 7 |
| S 8 | 15 5 5 | 17°57'39 | 23°47 | 26°15 | 16° 5 | 23°46 | 19°15 | 15° 5 | 16°18 | 26°48 | 3°25 | 24°43 | 23°41 | 15°43 | 19°59 | S 8 |
| M 9 | 15 9 1 | 18°55'53 | 5♑38 | 27°52 | 17°18 | 24°19 | 19° 7 | 15° 6 | 16°21 | 26°47 | 3°26 | 24°39 | 23°38 | 15°50 | 20° 1 | M 9 |
| T 10 | 15 12 58 | 19°54'06 | 17°33 | 29°31 | 18°30 | 24°53 | 19° 0 | 15° 8 | 16°24 | 26°46 | 3°27 | 24°36 | 23°35 | 15°56 | 20° 3 | T 10 |
| W11 | 15 16 54 | 20°52'17 | 29°35 | 1♉12 | 19°42 | 25°27 | 18°52 | 15° 9 | 16°27 | 26°45 | 3°27 | 24°33 | 23°32 | 16° 3 | 20° 5 | W11 |
| T 12 | 15 20 51 | 21°50'26 | 11♒48 | 2°55 | 20°54 | 26° 1 | 18°44 | 15°10 | 16°30 | 26°45 | 3°28 | 24°31 | 23°29 | 16°10 | 20° 8 | T 12 |
| F 13 | 15 24 48 | 22°48'34 | 24°15 | 4°40 | 22° 7 | 26°35 | 18°37 | 15°12 | 16°33 | 26°44 | 3°29 | 24°D31 | 23°26 | 16°16 | 20°10 | F 13 |
| S 14 | 15 28 44 | 23°46'41 | 7♓ 2 | 6°26 | 23°19 | 27° 9 | 18°29 | 15°13 | 16°36 | 26°43 | 3°29 | 24°31 | 23°22 | 16°23 | 20°13 | S 14 |
| S 15 | 15 32 41 | 24°44'46 | 20°11 | 8°15 | 24°31 | 27°43 | 18°21 | 15°14 | 16°39 | 26°42 | 3°30 | 24°33 | 23°19 | 16°30 | 20°15 | S 15 |
| M16 | 15 36 37 | 25°42'50 | 3♈47 | 10° 5 | 25°43 | 28°17 | 18°14 | 15°15 | 16°42 | 26°42 | 3°31 | 24°34 | 23°16 | 16°37 | 20°18 | M16 |
| T 17 | 15 40 34 | 26°40'52 | 17°49 | 11°58 | 26°56 | 28°51 | 18° 6 | 15°15 | 16°44 | 26°41 | 3°31 | 24°R35 | 23°13 | 16°43 | 20°21 | T 17 |
| W18 | 15 44 30 | 27°38'53 | 2♉18 | 13°52 | 28° 8 | 29°25 | 17°59 | 15°16 | 16°47 | 26°40 | 3°32 | 24°35 | 23°10 | 16°50 | 20°24 | W18 |
| T 19 | 15 48 27 | 28°36'53 | 17° 9 | 15°48 | 29°21 | 29°59 | 17°51 | 15°17 | 16°50 | 26°40 | 3°33 | 24°34 | 23° 7 | 16°57 | 20°27 | T 19 |
| F 20 | 15 52 23 | 29°34'52 | 2♊15 | 17°46 | 0♉33 | 0♌34 | 17°44 | 15°17 | 16°53 | 26°39 | 3°34 | 24°30 | 23° 3 | 17° 3 | 20°30 | F 20 |
| S 21 | 15 56 20 | 0♊32'49 | 17°27 | 19°45 | 1°45 | 1° 8 | 17°37 | 15°18 | 16°55 | 26°39 | 3°35 | 24°26 | 23° 0 | 17°10 | 20°33 | S 21 |
| S 22 | 16 0 17 | 1°30'44 | 2♋35 | 21°47 | 2°58 | 1°43 | 17°29 | 15°18 | 16°58 | 26°38 | 3°36 | 24°21 | 22°57 | 17°17 | 20°37 | S 22 |
| M23 | 16 4 13 | 2°28'38 | 17°30 | 23°50 | 4°10 | 2°17 | 17°22 | 15°18 | 17° 1 | 26°38 | 3°36 | 24°15 | 22°54 | 17°23 | 20°40 | M23 |
| T 24 | 16 8 10 | 3°26'30 | 2♌ 4 | 25°55 | 5°23 | 2°52 | 17°15 | 15°18 | 17° 3 | 26°37 | 3°37 | 24°11 | 22°51 | 17°30 | 20°44 | T 24 |
| W25 | 16 12 6 | 4°24'20 | 16°12 | 28° 1 | 6°35 | 3°26 | 17° 8 | 15°R18 | 17° 6 | 26°37 | 3°38 | 24° 8 | 22°47 | 17°37 | 20°47 | W25 |
| T 26 | 16 16 3 | 5°22'08 | 29°53 | 0♊ 9 | 7°48 | 4° 1 | 17° 1 | 15°18 | 17° 9 | 26°36 | 3°39 | 24°D 6 | 22°44 | 17°43 | 20°51 | T 26 |
| F 27 | 16 19 59 | 6°19'55 | 13♍ 9 | 2°18 | 9° 0 | 4°36 | 16°54 | 15°18 | 17°11 | 26°36 | 3°40 | 24° 6 | 22°41 | 17°50 | 20°55 | F 27 |
| S 28 | 16 23 56 | 7°17'40 | 26° 3 | 4°28 | 10°13 | 5°11 | 16°47 | 15°18 | 17°14 | 26°36 | 3°41 | 24° 7 | 22°38 | 17°57 | 20°59 | S 28 |
| S 29 | 16 27 52 | 8°15'23 | 8♎37 | 6°38 | 11°25 | 5°45 | 16°41 | 15°17 | 17°16 | 26°35 | 3°42 | 24° 9 | 22°35 | 18° 4 | 21° 2 | S 29 |
| M30 | 16 31 49 | 9°13'05 | 20°56 | 8°50 | 12°38 | 6°20 | 16°34 | 15°17 | 17°18 | 26°35 | 3°43 | 24°R10 | 22°32 | 18°10 | 21° 7 | M30 |
| T 31 | 16 35 46 | 10♊10'46 | 3♏ 4 | 11♊ 2 | 13♉50 | 6♌55 | 16♏27 | 15♒16 | 17♈21 | 26♍35 | 3♌44 | 24♈ 9 | 22♈28 | 18♐17 | 21♌11 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 8 | 2n31 | 2n18 | 3n36 | 2s49 | 1n35 | 1s36 | 23n40 | 1n46 | 16s29 | 1n18 | 16s49 | 0s30 | 5n39 | 0s39 | 2n18 | 1n11 | 21n56 | 2n39 | 9n37 | 9n19 | 26s30 | 8n33 | 6s37 |
| M 2 | 15 26 | 3s25 | 1 13 | 4 8 | 2 49 | 2 2 | 1 37 | 23 35 | 1 45 | 16 27 | 1 18 | 16 49 | 0 30 | 5 40 | 0 39 | 2 19 | 1 11 | 21 56 | 2 39 | 9 37 | 9 18 | 26 32 | 8 33 | 6 36 |
| T 3 | 15 44 | 9 9 | 0 6 | 4 41 | 2 48 | 2 29 | 1 38 | 23 29 | 1 45 | 16 25 | 1 18 | 16 48 | 0 30 | 5 42 | 0 39 | 2 19 | 1 11 | 21 56 | 2 39 | 9 37 | 9 16 | 26 33 | 8 34 | 6 36 |
| W 4 | 16 2 | 14 28 | 1s 1 | 5 15 | 2 47 | 2 56 | 1 39 | 23 23 | 1 44 | 16 23 | 1 18 | 16 48 | 0 30 | 5 43 | 0 39 | 2 20 | 1 11 | 21 55 | 2 39 | 9 37 | 9 15 | 26 34 | 8 34 | 6 35 |
| T 5 | 16 19 | 19 10 | 2 4 | 5 50 | 2 45 | 3 23 | 1 40 | 23 17 | 1 44 | 16 21 | 1 18 | 16 47 | 0 30 | 5 44 | 0 39 | 2 20 | 1 11 | 21 55 | 2 39 | 9 37 | 9 14 | 26 36 | 8 34 | 6 34 |
| F 6 | 16 36 | 23 4 | 3 2 | 6 26 | 2 43 | 3 50 | 1 41 | 23 11 | 1 43 | 16 19 | 1 18 | 16 47 | 0 31 | 5 45 | 0 39 | 2 20 | 1 11 | 21 55 | 2 39 | 9 36 | 9 13 | 26 37 | 8 35 | 6 33 |
| S 7 | 16 52 | 25 59 | 3 51 | 7 3 | 2 40 | 4 18 | 1 41 | 23 5 | 1 43 | 16 17 | 1 18 | 16 46 | 0 31 | 5 46 | 0 39 | 2 21 | 1 11 | 21 55 | 2 39 | 9 35 | 9 12 | 26 38 | 8 35 | 6 32 |
| S 8 | 17 9 | 27 43 | 4 29 | 7 40 | 2 37 | 4 45 | 1 42 | 22 59 | 1 42 | 16 15 | 1 18 | 16 46 | 0 31 | 5 48 | 0 39 | 2 21 | 1 11 | 21 55 | 2 39 | 9 33 | 9 11 | 26 39 | 8 35 | 6 31 |
| M 9 | 17 25 | 28 12 | 4 57 | 8 19 | 2 33 | 5 12 | 1 43 | 22 52 | 1 42 | 16 13 | 1 18 | 16 46 | 0 31 | 5 49 | 0 39 | 2 21 | 1 11 | 21 55 | 2 39 | 9 32 | 9 9 | 26 41 | 8 35 | 6 31 |
| T 10 | 17 40 | 27 23 | 5 11 | 8 58 | 2 28 | 5 38 | 1 43 | 22 46 | 1 41 | 16 11 | 1 18 | 16 45 | 0 31 | 5 50 | 0 39 | 2 22 | 1 11 | 21 55 | 2 39 | 9 30 | 9 8 | 26 42 | 8 35 | 6 30 |
| W11 | 17 56 | 25 17 | 5 12 | 9 37 | 2 23 | 6 5 | 1 44 | 22 39 | 1 41 | 16 9 | 1 18 | 16 45 | 0 31 | 5 51 | 0 39 | 2 22 | 1 10 | 21 55 | 2 39 | 9 29 | 9 7 | 26 43 | 8 36 | 6 29 |
| T 12 | 18 11 | 22 0 | 5 0 | 10 18 | 2 18 | 6 32 | 1 44 | 22 32 | 1 40 | 16 7 | 1 18 | 16 45 | 0 31 | 5 52 | 0 39 | 2 22 | 1 10 | 21 54 | 2 39 | 9 29 | 9 6 | 26 45 | 8 36 | 6 28 |
| F 13 | 18 26 | 17 41 | 4 32 | 10 58 | 2 12 | 6 58 | 1 44 | 22 25 | 1 39 | 16 5 | 1 18 | 16 45 | 0 31 | 5 53 | 0 39 | 2 23 | 1 10 | 21 54 | 2 39 | 9 29 | 9 5 | 26 46 | 8 36 | 6 27 |
| S 14 | 18 41 | 12 29 | 3 51 | 11 39 | 2 6 | 7 25 | 1 45 | 22 18 | 1 39 | 16 3 | 1 18 | 16 44 | 0 32 | 5 54 | 0 39 | 2 23 | 1 10 | 21 54 | 2 39 | 9 29 | 9 4 | 26 47 | 8 36 | 6 26 |
| S 15 | 18 55 | 6 36 | 2 57 | 12 21 | 1 59 | 7 51 | 1 45 | 22 11 | 1 38 | 16 1 | 1 17 | 16 44 | 0 32 | 5 55 | 0 39 | 2 23 | 1 10 | 21 54 | 2 39 | 9 29 | 9 2 | 26 48 | 8 36 | 6 26 |
| M16 | 19 9 | 0 12 | 1 51 | 13 3 | 1 51 | 8 17 | 1 45 | 22 3 | 1 38 | 15 59 | 1 17 | 16 44 | 0 32 | 5 56 | 0 39 | 2 23 | 1 10 | 21 54 | 2 39 | 9 30 | 9 1 | 26 49 | 8 35 | 6 25 |
| T 17 | 19 22 | 6n25 | 0 37 | 13 45 | 1 44 | 8 43 | 1 45 | 21 56 | 1 37 | 15 57 | 1 17 | 16 44 | 0 32 | 5 57 | 0 39 | 2 24 | 1 10 | 21 54 | 2 39 | 9 30 | 9 0 | 26 51 | 8 35 | 6 24 |
| W18 | 19 35 | 12 54 | 0n42 | 14 27 | 1 35 | 9 9 | 1 45 | 21 48 | 1 37 | 15 55 | 1 17 | 16 44 | 0 32 | 5 59 | 0 39 | 2 24 | 1 10 | 21 53 | 2 39 | 9 30 | 8 59 | 26 52 | 8 35 | 6 23 |
| T 19 | 19 48 | 18 50 | 2 0 | 15 9 | 1 27 | 9 35 | 1 45 | 21 40 | 1 36 | 15 53 | 1 17 | 16 44 | 0 32 | 6 0 | 0 39 | 2 24 | 1 10 | 21 53 | 2 39 | 9 30 | 8 58 | 26 53 | 8 35 | 6 22 |
| F 20 | 20 1 | 23 41 | 3 11 | 15 51 | 1 18 | 10 0 | 1 44 | 21 32 | 1 36 | 15 51 | 1 17 | 16 44 | 0 32 | 6 1 | 0 40 | 2 24 | 1 10 | 21 53 | 2 39 | 9 29 | 8 57 | 26 54 | 8 35 | 6 22 |
| S 21 | 20 13 | 26 55 | 4 9 | 16 32 | 1 9 | 10 26 | 1 44 | 21 24 | 1 35 | 15 49 | 1 17 | 16 44 | 0 33 | 6 2 | 0 40 | 2 24 | 1 10 | 21 53 | 2 39 | 9 27 | 8 55 | 26 55 | 8 35 | 6 21 |
| S 22 | 20 25 | 28 10 | 4 49 | 17 13 | 0 59 | 10 51 | 1 44 | 21 16 | 1 35 | 15 47 | 1 17 | 16 44 | 0 33 | 6 3 | 0 40 | 2 25 | 1 10 | 21 53 | 2 39 | 9 25 | 8 54 | 26 57 | 8 34 | 6 20 |
| M23 | 20 37 | 27 20 | 5 8 | 17 54 | 0 49 | 11 16 | 1 43 | 21 8 | 1 34 | 15 45 | 1 16 | 16 44 | 0 33 | 6 4 | 0 40 | 2 25 | 1 10 | 21 52 | 2 39 | 9 23 | 8 53 | 26 58 | 8 34 | 6 19 |
| T 24 | 20 48 | 24 39 | 5 8 | 18 34 | 0 39 | 11 40 | 1 43 | 21 0 | 1 34 | 15 43 | 1 16 | 16 44 | 0 33 | 6 5 | 0 40 | 2 25 | 1 10 | 21 52 | 2 39 | 9 21 | 8 52 | 26 59 | 8 34 | 6 19 |
| W25 | 20 59 | 20 31 | 4 48 | 19 13 | 0 28 | 12 5 | 1 42 | 20 51 | 1 33 | 15 42 | 1 16 | 16 44 | 0 33 | 6 6 | 0 40 | 2 25 | 1 10 | 21 52 | 2 39 | 9 20 | 8 51 | 27 0 | 8 33 | 6 18 |
| T 26 | 21 9 | 15 25 | 4 12 | 19 51 | 0 18 | 12 29 | 1 41 | 20 42 | 1 32 | 15 40 | 1 16 | 16 44 | 0 33 | 6 6 | 0 40 | 2 25 | 1 10 | 21 52 | 2 39 | 9 20 | 8 49 | 27 1 | 8 33 | 6 17 |
| F 27 | 21 19 | 9 45 | 3 24 | 20 27 | 0 7 | 12 53 | 1 41 | 20 33 | 1 32 | 15 38 | 1 16 | 16 45 | 0 33 | 6 7 | 0 40 | 2 25 | 1 10 | 21 51 | 2 39 | 9 20 | 8 48 | 27 2 | 8 32 | 6 16 |
| S 28 | 21 29 | 3 49 | 2 26 | 21 2 | 0n 3 | 13 16 | 1 40 | 20 25 | 1 31 | 15 36 | 1 16 | 16 45 | 0 33 | 6 8 | 0 40 | 2 25 | 1 10 | 21 51 | 2 39 | 9 20 | 8 47 | 27 3 | 8 32 | 6 16 |
| S 29 | 21 38 | 2s 8 | 1 23 | 21 36 | 0 14 | 13 39 | 1 39 | 20 15 | 1 31 | 15 35 | 1 16 | 16 45 | 0 34 | 6 9 | 0 40 | 2 25 | 1 10 | 21 51 | 2 39 | 9 21 | 8 46 | 27 5 | 8 31 | 6 15 |
| M30 | 21 47 | 7 53 | 0 17 | 22 7 | 0 24 | 14 2 | 1 38 | 20 6 | 1 30 | 15 33 | 1 15 | 16 45 | 0 34 | 6 10 | 0 40 | 2 26 | 1 10 | 21 51 | 2 39 | 9 21 | 8 45 | 27 6 | 8 31 | 6 14 |
| T 31 | 21n56 | 13s16 | 0s48 | 22n37 | 0n34 | 14n25 | 1s37 | 19n57 | 1n30 | 15s31 | 1n15 | 16s46 | 0s34 | 6n11 | 0s40 | 2n26 | 1n10 | 21n51 | 2n39 | 9n21 | 8n44 | 27s 7 | 8n30 | 6s13 |

Julian Day Number = 2609815.5, Delta T = 10m17s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°47'56, Lahiri = 29°54'57


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## JUNE 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 39 42 | 11♊ 8'25 | 15♏ 4 | 13♊13 | 15♉ 3 | 7♌30 | 16°R21 | 15°R16 | 17♈23 | 26°R35 | 3♌45 | 24°R 7 | 22♈25 | 18♐24 | 21♌15 | W 1 |
| T 2 | 16 43 39 | 12° 6'03 | 26°59 | 15°25 | 16°15 | 8° 5 | 16♏15 | 15♒15 | 17°25 | 26♍34 | 3°47 | 24♈ 3 | 22°22 | 18°30 | 21°19 | T 2 |
| F 3 | 16 47 35 | 13° 3'39 | 8♐51 | 17°36 | 17°28 | 8°40 | 16° 9 | 15°14 | 17°28 | 26°34 | 3°48 | 23°56 | 22°19 | 18°37 | 21°24 | F 3 |
| S 4 | 16 51 32 | 14° 1'14 | 20°42 | 19°47 | 18°40 | 9°15 | 16° 2 | 15°13 | 17°30 | 26°34 | 3°49 | 23°48 | 22°16 | 18°44 | 21°28 | S 4 |
| S 5 | 16 55 28 | 14°58'49 | 2♑34 | 21°56 | 19°53 | 9°50 | 15°56 | 15°12 | 17°32 | 26°34 | 3°50 | 23°38 | 22°13 | 18°50 | 21°33 | S 5 |
| M 6 | 16 59 25 | 15°56'22 | 14°29 | 24° 5 | 21° 5 | 10°25 | 15°51 | 15°11 | 17°34 | 26°34 | 3°51 | 23°29 | 22° 9 | 18°57 | 21°37 | M 6 |
| T 7 | 17 3 21 | 16°53'54 | 26°27 | 26°11 | 22°18 | 11° 0 | 15°45 | 15°10 | 17°36 | 26°D34 | 3°52 | 23°19 | 22° 6 | 19° 4 | 21°42 | T 7 |
| W 8 | 17 7 18 | 17°51'25 | 8♒33 | 28°17 | 23°31 | 11°35 | 15°39 | 15° 9 | 17°39 | 26°34 | 3°53 | 23°12 | 22° 3 | 19°11 | 21°47 | W 8 |
| T 9 | 17 11 15 | 18°48'56 | 20°48 | 0♋20 | 24°43 | 12°10 | 15°34 | 15° 7 | 17°41 | 26°34 | 3°55 | 23° 6 | 22° 0 | 19°17 | 21°52 | T 9 |
| F 10 | 17 15 11 | 19°46'25 | 3♓15 | 2°21 | 25°56 | 12°46 | 15°29 | 15° 6 | 17°43 | 26°34 | 3°56 | 23° 2 | 21°57 | 19°24 | 21°57 | F 10 |
| S 11 | 17 19 8 | 20°43'54 | 15°59 | 4°20 | 27° 9 | 13°21 | 15°24 | 15° 4 | 17°45 | 26°34 | 3°57 | 23°D 1 | 21°53 | 19°31 | 22° 2 | S 11 |
| S 12 | 17 23 4 | 21°41'22 | 29° 3 | 6°17 | 28°22 | 13°56 | 15°18 | 15° 2 | 17°46 | 26°35 | 3°58 | 23° 1 | 21°50 | 19°37 | 22° 7 | S 12 |
| M13 | 17 27 1 | 22°38'50 | 12♈31 | 8°11 | 29°34 | 14°32 | 15°14 | 15° 1 | 17°48 | 26°35 | 4° 0 | 23° 2 | 21°47 | 19°44 | 22°12 | M13 |
| T 14 | 17 30 57 | 23°36'17 | 26°25 | 10° 3 | 0♊47 | 15° 7 | 15° 9 | 14°59 | 17°50 | 26°35 | 4° 1 | 23°R 2 | 21°44 | 19°51 | 22°17 | T 14 |
| W15 | 17 34 54 | 24°33'43 | 10♉46 | 11°53 | 2° 0 | 15°43 | 15° 4 | 14°57 | 17°52 | 26°35 | 4° 2 | 23° 1 | 21°41 | 19°57 | 22°23 | W15 |
| T 16 | 17 38 50 | 25°31'09 | 25°31 | 13°40 | 3°13 | 16°18 | 15° 0 | 14°55 | 17°54 | 26°36 | 4° 4 | 22°57 | 21°38 | 20° 4 | 22°28 | T 16 |
| F 17 | 17 42 47 | 26°28'34 | 10♊36 | 15°25 | 4°25 | 16°54 | 14°56 | 14°53 | 17°55 | 26°36 | 4° 5 | 22°51 | 21°34 | 20°11 | 22°34 | F 17 |
| S 18 | 17 46 44 | 27°25'58 | 25°52 | 17° 7 | 5°38 | 17°29 | 14°52 | 14°51 | 17°57 | 26°36 | 4° 6 | 22°43 | 21°31 | 20°18 | 22°39 | S 18 |
| S 19 | 17 50 40 | 28°23'22 | 11♋ 8 | 18°46 | 6°51 | 18° 5 | 14°48 | 14°48 | 17°59 | 26°37 | 4° 8 | 22°34 | 21°28 | 20°24 | 22°45 | S 19 |
| M20 | 17 54 37 | 29°20'45 | 26°13 | 20°23 | 8° 4 | 18°40 | 14°44 | 14°46 | 18° 0 | 26°37 | 4° 9 | 22°24 | 21°25 | 20°31 | 22°50 | M20 |
| T 21 | 17 58 33 | 0♋18'07 | 10♌58 | 21°57 | 9°17 | 19°16 | 14°40 | 14°43 | 18° 2 | 26°37 | 4°11 | 22°16 | 21°22 | 20°38 | 22°56 | T 21 |
| W22 | 18 2 30 | 1°15'28 | 25°16 | 23°29 | 10°30 | 19°52 | 14°37 | 14°41 | 18° 3 | 26°38 | 4°12 | 22° 9 | 21°19 | 20°44 | 23° 2 | W22 |
| T 23 | 18 6 26 | 2°12'49 | 9♍ 5 | 24°58 | 11°42 | 20°28 | 14°34 | 14°38 | 18° 5 | 26°38 | 4°13 | 22° 5 | 21°15 | 20°51 | 23° 8 | T 23 |
| F 24 | 18 10 23 | 3°10'08 | 22°25 | 26°24 | 12°55 | 21° 3 | 14°30 | 14°36 | 18° 6 | 26°39 | 4°15 | 22° 3 | 21°12 | 20°58 | 23°14 | F 24 |
| S 25 | 18 14 20 | 4° 7'26 | 5♎19 | 27°47 | 14° 8 | 21°39 | 14°28 | 14°33 | 18° 8 | 26°40 | 4°16 | 22°D 3 | 21° 9 | 21° 5 | 23°20 | S 25 |
| S 26 | 18 18 16 | 5° 4'44 | 17°51 | 29° 8 | 15°21 | 22°15 | 14°25 | 14°30 | 18° 9 | 26°40 | 4°18 | 22°R 3 | 21° 6 | 21°11 | 23°26 | S 26 |
| M27 | 18 22 13 | 6° 2'01 | 0♏ 5 | 0♌26 | 16°34 | 22°51 | 14°22 | 14°27 | 18°10 | 26°41 | 4°19 | 22° 3 | 21° 3 | 21°18 | 23°32 | M27 |
| T 28 | 18 26 9 | 6°59'17 | 12° 8 | 1°41 | 17°47 | 23°27 | 14°20 | 14°24 | 18°12 | 26°41 | 4°21 | 22° 1 | 20°59 | 21°25 | 23°38 | T 28 |
| W29 | 18 30 6 | 7°56'32 | 24° 3 | 2°53 | 19° 0 | 24° 3 | 14°18 | 14°21 | 18°13 | 26°42 | 4°22 | 21°57 | 20°56 | 21°31 | 23°45 | W29 |
| T 30 | 18 34 2 | 8♋53'47 | 5♐53 | 4♌ 2 | 20♊13 | 24♌39 | 14♏16 | 14♒18 | 18♈14 | 26♍43 | 4♌24 | 21♈51 | 20♈53 | 21♐38 | 23♌51 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 4 | 18s 5 | 1s50 | 23n 4 | 0n44 | 14n47 | 1s36 | 19n48 | 1n29 | 15s29 | 1n15 | 16s46 | 0s34 | 6n12 | 0s40 | 2n26 | 1n10 | 21n50 | 2n39 | 9n20 | 8n42 | 27s 8 | 8n30 | 6s13 |
| T 2 | 22 11 | 22 9 | 2 48 | 23 29 | 0 54 | 15 9 | 1 35 | 19 38 | 1 29 | 15 28 | 1 15 | 16 46 | 0 34 | 6 13 | 0 40 | 2 26 | 1 10 | 21 50 | 2 39 | 9 18 | 8 41 | 27 9 | 8 29 | 6 12 |
| F 3 | 22 19 | 25 18 | 3 37 | 23 51 | 1 3 | 15 31 | 1 33 | 19 28 | 1 28 | 15 26 | 1 15 | 16 47 | 0 34 | 6 14 | 0 40 | 2 26 | 1 10 | 21 50 | 2 39 | 9 16 | 8 40 | 27 10 | 8 28 | 6 11 |
| S 4 | 22 26 | 27 20 | 4 17 | 24 11 | 1 12 | 15 52 | 1 32 | 19 19 | 1 28 | 15 25 | 1 14 | 16 47 | 0 34 | 6 14 | 0 40 | 2 26 | 1 10 | 21 50 | 2 39 | 9 13 | 8 39 | 27 11 | 8 28 | 6 10 |
| S 5 | 22 32 | 28 7 | 4 45 | 24 28 | 1 20 | 16 13 | 1 31 | 19 9 | 1 27 | 15 23 | 1 14 | 16 47 | 0 35 | 6 15 | 0 40 | 2 26 | 1 10 | 21 49 | 2 39 | 9 9 | 8 38 | 27 12 | 8 27 | 6 10 |
| M 6 | 22 39 | 27 36 | 5 2 | 24 42 | 1 27 | 16 33 | 1 29 | 18 59 | 1 27 | 15 22 | 1 14 | 16 48 | 0 35 | 6 16 | 0 40 | 2 26 | 1 10 | 21 49 | 2 39 | 9 6 | 8 37 | 27 13 | 8 26 | 6 9 |
| T 7 | 22 44 | 25 48 | 5 5 | 24 54 | 1 34 | 16 53 | 1 28 | 18 49 | 1 26 | 15 20 | 1 14 | 16 48 | 0 35 | 6 17 | 0 40 | 2 26 | 1 10 | 21 49 | 2 39 | 9 2 | 8 35 | 27 14 | 8 25 | 6 8 |
| W 8 | 22 50 | 22 49 | 4 55 | 25 3 | 1 40 | 17 13 | 1 26 | 18 38 | 1 26 | 15 19 | 1 14 | 16 49 | 0 35 | 6 18 | 0 40 | 2 26 | 1 10 | 21 49 | 2 39 | 9 0 | 8 34 | 27 15 | 8 24 | 6 8 |
| T 9 | 22 55 | 18 48 | 4 31 | 25 9 | 1 46 | 17 32 | 1 25 | 18 28 | 1 25 | 15 18 | 1 13 | 16 49 | 0 35 | 6 18 | 0 40 | 2 26 | 1 10 | 21 48 | 2 39 | 8 57 | 8 33 | 27 16 | 8 23 | 6 7 |
| F 10 | 23 0 | 13 55 | 3 54 | 25 13 | 1 51 | 17 51 | 1 23 | 18 18 | 1 25 | 15 16 | 1 13 | 16 50 | 0 35 | 6 19 | 0 40 | 2 26 | 1 10 | 21 48 | 2 39 | 8 56 | 8 32 | 27 17 | 8 23 | 6 6 |
| S 11 | 23 4 | 8 21 | 3 5 | 25 14 | 1 55 | 18 9 | 1 22 | 18 7 | 1 24 | 15 15 | 1 13 | 16 51 | 0 35 | 6 20 | 0 40 | 2 25 | 1 10 | 21 48 | 2 39 | 8 56 | 8 31 | 27 18 | 8 22 | 6 6 |
| S 12 | 23 8 | 2 17 | 2 5 | 25 12 | 1 58 | 18 27 | 1 20 | 17 56 | 1 23 | 15 14 | 1 13 | 16 51 | 0 35 | 6 21 | 0 40 | 2 25 | 1 10 | 21 47 | 2 39 | 8 56 | 8 29 | 27 19 | 8 21 | 6 5 |
| M13 | 23 11 | 4n 5 | 0 56 | 25 8 | 2 1 | 18 45 | 1 18 | 17 46 | 1 23 | 15 12 | 1 13 | 16 52 | 0 36 | 6 21 | 0 40 | 2 25 | 1 10 | 21 47 | 2 39 | 8 56 | 8 28 | 27 20 | 8 20 | 6 4 |
| T 14 | 23 14 | 10 27 | 0n18 | 25 2 | 2 2 | 19 1 | 1 16 | 17 35 | 1 22 | 15 11 | 1 12 | 16 52 | 0 36 | 6 22 | 0 40 | 2 25 | 1 10 | 21 47 | 2 39 | 8 56 | 8 27 | 27 21 | 8 19 | 6 4 |
| W15 | 23 16 | 16 30 | 1 33 | 24 54 | 2 3 | 19 18 | 1 14 | 17 24 | 1 22 | 15 10 | 1 12 | 16 53 | 0 36 | 6 23 | 0 40 | 2 25 | 1 9 | 21 47 | 2 39 | 8 56 | 8 26 | 27 22 | 8 18 | 6 3 |
| T 16 | 23 19 | 21 45 | 2 44 | 24 44 | 2 4 | 19 34 | 1 12 | 17 13 | 1 21 | 15 9 | 1 12 | 16 54 | 0 36 | 6 23 | 0 40 | 2 25 | 1 9 | 21 46 | 2 39 | 8 54 | 8 25 | 27 23 | 8 16 | 6 2 |
| F 17 | 23 20 | 25 42 | 3 45 | 24 32 | 2 3 | 19 49 | 1 10 | 17 1 | 1 21 | 15 8 | 1 12 | 16 55 | 0 36 | 6 24 | 0 40 | 2 25 | 1 9 | 21 46 | 2 39 | 8 52 | 8 24 | 27 24 | 8 15 | 6 2 |
| S 18 | 23 22 | 27 50 | 4 31 | 24 18 | 2 2 | 20 4 | 1 8 | 16 50 | 1 20 | 15 7 | 1 11 | 16 55 | 0 36 | 6 24 | 0 40 | 2 25 | 1 9 | 21 46 | 2 39 | 8 49 | 8 22 | 27 25 | 8 14 | 6 1 |
| S 19 | 23 23 | 27 51 | 4 57 | 24 3 | 2 0 | 20 19 | 1 6 | 16 39 | 1 20 | 15 6 | 1 11 | 16 56 | 0 36 | 6 25 | 0 40 | 2 24 | 1 9 | 21 45 | 2 39 | 8 46 | 8 21 | 27 26 | 8 13 | 6 0 |
| M20 | 23 23 | 25 48 | 5 2 | 23 46 | 1 57 | 20 33 | 1 4 | 16 27 | 1 19 | 15 5 | 1 11 | 16 57 | 0 36 | 6 26 | 0 40 | 2 24 | 1 9 | 21 45 | 2 39 | 8 42 | 8 20 | 27 27 | 8 12 | 6 0 |
| T 21 | 23 23 | 22 2 | 4 47 | 23 28 | 1 53 | 20 46 | 1 2 | 16 15 | 1 19 | 15 5 | 1 11 | 16 58 | 0 37 | 6 26 | 0 40 | 2 24 | 1 9 | 21 45 | 2 39 | 8 39 | 8 19 | 27 28 | 8 10 | 5 59 |
| W22 | 23 23 | 17 3 | 4 14 | 23 8 | 1 49 | 20 59 | 1 0 | 16 4 | 1 18 | 15 4 | 1 11 | 16 59 | 0 37 | 6 27 | 0 40 | 2 24 | 1 9 | 21 44 | 2 39 | 8 37 | 8 18 | 27 29 | 8 9 | 5 59 |
| T 23 | 23 22 | 11 21 | 3 27 | 22 48 | 1 44 | 21 11 | 0 58 | 15 52 | 1 18 | 15 3 | 1 10 | 17 0 | 0 37 | 6 27 | 0 40 | 2 24 | 1 9 | 21 44 | 2 39 | 8 35 | 8 16 | 27 30 | 8 8 | 5 58 |
| F 24 | 23 21 | 5 18 | 2 30 | 22 26 | 1 38 | 21 23 | 0 56 | 15 40 | 1 17 | 15 2 | 1 10 | 17 0 | 0 37 | 6 28 | 0 40 | 2 23 | 1 9 | 21 44 | 2 39 | 8 34 | 8 15 | 27 31 | 8 6 | 5 57 |
| S 25 | 23 19 | 0s46 | 1 28 | 22 4 | 1 32 | 21 34 | 0 53 | 15 28 | 1 17 | 15 2 | 1 10 | 17 1 | 0 37 | 6 28 | 0 40 | 2 23 | 1 9 | 21 43 | 2 39 | 8 34 | 8 14 | 27 32 | 8 5 | 5 57 |
| S 26 | 23 17 | 6 39 | 0 22 | 21 41 | 1 25 | 21 44 | 0 51 | 15 16 | 1 16 | 15 1 | 1 10 | 17 2 | 0 37 | 6 29 | 0 40 | 2 23 | 1 9 | 21 43 | 2 39 | 8 34 | 8 13 | 27 33 | 8 4 | 5 56 |
| M27 | 23 15 | 12 9 | 0s43 | 21 17 | 1 18 | 21 54 | 0 49 | 15 4 | 1 16 | 15 1 | 1 9 | 17 3 | 0 37 | 6 29 | 0 40 | 2 22 | 1 9 | 21 43 | 2 39 | 8 34 | 8 12 | 27 34 | 8 2 | 5 56 |
| T 28 | 23 12 | 17 6 | 1 44 | 20 52 | 1 10 | 22 3 | 0 47 | 14 51 | 1 15 | 15 0 | 1 9 | 17 4 | 0 38 | 6 30 | 0 40 | 2 22 | 1 9 | 21 42 | 2 39 | 8 33 | 8 10 | 27 35 | 8 1 | 5 55 |
| W29 | 23 9 | 21 20 | 2 41 | 20 27 | 1 1 | 22 12 | 0 44 | 14 39 | 1 15 | 15 0 | 1 9 | 17 5 | 0 38 | 6 30 | 0 40 | 2 22 | 1 9 | 21 42 | 2 39 | 8 32 | 8 9 | 27 35 | 7 59 | 5 55 |
| T 30 | 23n 5 | 24s41 | 3s30 | 20n 2 | 0n51 | 22n20 | 0s42 | 14n26 | 1n14 | 14s59 | 1n 9 | 17s 6 | 0s38 | 6n31 | 0s40 | 2n22 | 1n 9 | 21n42 | 2n39 | 8n30 | 8n 8 | 27s36 | 7n58 | 5s54 |

Julian Day Number = 2609846.5, Delta T = 10m17s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'00, Lahiri = 29°55'01


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## JULY 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 37 59 | 9♋51'02 | 17♐44 | 5♌ 8 | 21♊26 | 25♌15 | 14°R14 | 14°R15 | 18♈15 | 26♍44 | 4♌25 | 21°R41 | 20♈50 | 21♐45 | 23♌57 | F 1 |
| S 2 | 18 41 55 | 10°48'16 | 29°36 | 6°11 | 22°39 | 25°51 | 14♏12 | 14♒11 | 18°16 | 26°44 | 4°27 | 21♈30 | 20°47 | 21°51 | 24° 4 | S 2 |
| S 3 | 18 45 52 | 11°45'29 | 11♑31 | 7°11 | 23°52 | 26°27 | 14°10 | 14° 8 | 18°17 | 26°45 | 4°28 | 21°17 | 20°44 | 21°58 | 24°10 | S 3 |
| M 4 | 18 49 49 | 12°42'43 | 23°32 | 8° 8 | 25° 5 | 27° 3 | 14° 9 | 14° 5 | 18°18 | 26°46 | 4°30 | 21° 3 | 20°40 | 22° 5 | 24°17 | M 4 |
| T 5 | 18 53 45 | 13°39'56 | 5♒39 | 9° 1 | 26°18 | 27°40 | 14° 8 | 14° 1 | 18°19 | 26°47 | 4°31 | 20°50 | 20°37 | 22°12 | 24°24 | T 5 |
| W 6 | 18 57 42 | 14°37'09 | 17°53 | 9°51 | 27°31 | 28°16 | 14° 7 | 13°58 | 18°20 | 26°48 | 4°33 | 20°39 | 20°34 | 22°18 | 24°30 | W 6 |
| T 7 | 19 1 38 | 15°34'21 | 0♓16 | 10°37 | 28°45 | 28°52 | 14° 6 | 13°54 | 18°21 | 26°49 | 4°35 | 20°31 | 20°31 | 22°25 | 24°37 | T 7 |
| F 8 | 19 5 35 | 16°31'34 | 12°50 | 11°19 | 29°58 | 29°28 | 14° 6 | 13°50 | 18°21 | 26°50 | 4°36 | 20°25 | 20°28 | 22°32 | 24°44 | F 8 |
| S 9 | 19 9 31 | 17°28'47 | 25°38 | 11°58 | 1♋11 | 0♍ 5 | 14° 5 | 13°47 | 18°22 | 26°51 | 4°38 | 20°22 | 20°25 | 22°38 | 24°51 | S 9 |
| S 10 | 19 13 28 | 18°26'00 | 8♈42 | 12°33 | 2°24 | 0°41 | 14° 5 | 13°43 | 18°23 | 26°52 | 4°39 | 20°21 | 20°21 | 22°45 | 24°57 | S 10 |
| M11 | 19 17 24 | 19°23'13 | 22° 6 | 13° 3 | 3°37 | 1°17 | 14°D 5 | 13°39 | 18°23 | 26°53 | 4°41 | 20°20 | 20°18 | 22°52 | 25° 4 | M11 |
| T 12 | 19 21 21 | 20°20'27 | 5♉52 | 13°30 | 4°50 | 1°54 | 14° 5 | 13°35 | 18°24 | 26°54 | 4°42 | 20°20 | 20°15 | 22°59 | 25°11 | T 12 |
| W13 | 19 25 18 | 21°17'41 | 20° 1 | 13°52 | 6° 4 | 2°30 | 14° 5 | 13°31 | 18°24 | 26°55 | 4°44 | 20°18 | 20°12 | 23° 5 | 25°18 | W13 |
| T 14 | 19 29 14 | 22°14'55 | 4♊33 | 14° 9 | 7°17 | 3° 7 | 14° 6 | 13°28 | 18°25 | 26°56 | 4°46 | 20°14 | 20° 9 | 23°12 | 25°25 | T 14 |
| F 15 | 19 33 11 | 23°12'10 | 19°24 | 14°22 | 8°30 | 3°43 | 14° 6 | 13°24 | 18°25 | 26°57 | 4°47 | 20° 8 | 20° 5 | 23°19 | 25°32 | F 15 |
| S 16 | 19 37 7 | 24° 9'25 | 4♋28 | 14°31 | 9°44 | 4°20 | 14° 7 | 13°20 | 18°26 | 26°59 | 4°49 | 19°59 | 20° 2 | 23°25 | 25°40 | S 16 |
| S 17 | 19 41 4 | 25° 6'40 | 19°36 | 14°R34 | 10°57 | 4°56 | 14° 8 | 13°15 | 18°26 | 27° 0 | 4°51 | 19°48 | 19°59 | 23°32 | 25°47 | S 17 |
| M18 | 19 45 0 | 26° 3'55 | 4♌37 | 14°33 | 12°10 | 5°33 | 14° 9 | 13°11 | 18°26 | 27° 1 | 4°52 | 19°37 | 19°56 | 23°39 | 25°54 | M18 |
| T 19 | 19 48 57 | 27° 1'11 | 19°21 | 14°28 | 13°24 | 6°10 | 14°11 | 13° 7 | 18°27 | 27° 2 | 4°54 | 19°27 | 19°53 | 23°46 | 26° 1 | T 19 |
| W20 | 19 52 54 | 27°58'26 | 3♍42 | 14°17 | 14°37 | 6°46 | 14°12 | 13° 3 | 18°27 | 27° 4 | 4°56 | 19°19 | 19°50 | 23°52 | 26° 8 | W20 |
| T 21 | 19 56 50 | 28°55'42 | 17°35 | 14° 2 | 15°51 | 7°23 | 14°14 | 12°59 | 18°27 | 27° 5 | 4°57 | 19°14 | 19°46 | 23°59 | 26°16 | T 21 |
| F 22 | 20 0 47 | 29°52'57 | 0♎59 | 13°42 | 17° 4 | 8° 0 | 14°16 | 12°54 | 18°27 | 27° 6 | 4°59 | 19°11 | 19°43 | 24° 6 | 26°23 | F 22 |
| S 23 | 20 4 43 | 0♌50'13 | 13°56 | 13°18 | 18°17 | 8°37 | 14°18 | 12°50 | 18°R27 | 27° 8 | 5° 0 | 19°D10 | 19°40 | 24°12 | 26°31 | S 23 |
| S 24 | 20 8 40 | 1°47'28 | 26°30 | 12°51 | 19°31 | 9°14 | 14°20 | 12°46 | 18°27 | 27° 9 | 5° 2 | 19°R10 | 19°37 | 24°19 | 26°38 | S 24 |
| M25 | 20 12 36 | 2°44'44 | 8♏45 | 12°19 | 20°44 | 9°50 | 14°23 | 12°42 | 18°27 | 27°11 | 5° 4 | 19°10 | 19°34 | 24°26 | 26°45 | M25 |
| T 26 | 20 16 33 | 3°42'00 | 20°47 | 11°44 | 21°58 | 10°27 | 14°25 | 12°37 | 18°27 | 27°12 | 5° 5 | 19° 8 | 19°31 | 24°32 | 26°53 | T 26 |
| W27 | 20 20 29 | 4°39'16 | 2♐41 | 11° 6 | 23°12 | 11° 4 | 14°28 | 12°33 | 18°27 | 27°14 | 5° 7 | 19° 5 | 19°27 | 24°39 | 27° 1 | W27 |
| T 28 | 20 24 26 | 5°36'33 | 14°32 | 10°27 | 24°25 | 11°41 | 14°31 | 12°28 | 18°27 | 27°15 | 5° 9 | 18°59 | 19°24 | 24°46 | 27° 8 | T 28 |
| F 29 | 20 28 22 | 6°33'49 | 26°23 | 9°45 | 25°39 | 12°18 | 14°34 | 12°24 | 18°26 | 27°17 | 5°10 | 18°51 | 19°21 | 24°53 | 27°16 | F 29 |
| S 30 | 20 32 19 | 7°31'07 | 8♑18 | 9° 3 | 26°52 | 12°55 | 14°37 | 12°20 | 18°26 | 27°18 | 5°12 | 18°41 | 19°18 | 24°59 | 27°23 | S 30 |
| S 31 | 20 36 16 | 8♌28'24 | 20♑20 | 8♌21 | 28♋ 6 | 13♍33 | 14♏41 | 12♒15 | 18♈26 | 27♍20 | 5♌14 | 18♈29 | 19♈15 | 25♐ 6 | 27♌31 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 1 | 26s58 | 4s10 | 19n37 | 0n42 | 22n27 | 0s39 | 14n14 | 1n14 | 14s59 | 1n 8 | 17s 7 | 0s38 | 6n31 | 0s41 | 2n21 | 1n 9 | 21n41 | 2n39 | 8n26 | 8n 7 | 27s37 | 7n56 | 5s53 |
| S 2 | 22 57 | 28 2 | 4 39 | 19 11 | 0 31 | 22 34 | 0 37 | 14 1 | 1 13 | 14 59 | 1 8 | 17 8 | 0 38 | 6 31 | 0 41 | 2 21 | 1 9 | 21 41 | 2 39 | 8 22 | 8 6 | 27 38 | 7 55 | 5 53 |
| S 3 | 22 52 | 27 48 | 4 56 | 18 45 | 0 20 | 22 40 | 0 35 | 13 48 | 1 13 | 14 59 | 1 8 | 17 10 | 0 38 | 6 32 | 0 41 | 2 21 | 1 9 | 21 41 | 2 39 | 8 17 | 8 5 | 27 39 | 7 53 | 5 52 |
| M 4 | 22 47 | 26 15 | 5 0 | 18 20 | 0 8 | 22 45 | 0 32 | 13 36 | 1 12 | 14 58 | 1 8 | 17 11 | 0 38 | 6 32 | 0 41 | 2 20 | 1 9 | 21 40 | 2 40 | 8 12 | 8 3 | 27 40 | 7 51 | 5 52 |
| T 5 | 22 41 | 23 30 | 4 50 | 17 54 | 0s 4 | 22 50 | 0 30 | 13 23 | 1 11 | 14 58 | 1 7 | 17 12 | 0 38 | 6 32 | 0 41 | 2 20 | 1 9 | 21 40 | 2 40 | 8 7 | 8 2 | 27 41 | 7 50 | 5 51 |
| W 6 | 22 35 | 19 40 | 4 27 | 17 29 | 0 16 | 22 54 | 0 27 | 13 10 | 1 11 | 14 58 | 1 7 | 17 13 | 0 38 | 6 33 | 0 41 | 2 19 | 1 9 | 21 40 | 2 40 | 8 3 | 8 1 | 27 41 | 7 48 | 5 51 |
| T 7 | 22 29 | 14 58 | 3 52 | 17 4 | 0 29 | 22 58 | 0 25 | 12 57 | 1 10 | 14 58 | 1 7 | 17 14 | 0 39 | 6 33 | 0 41 | 2 19 | 1 9 | 21 39 | 2 40 | 8 0 | 8 0 | 27 42 | 7 46 | 5 50 |
| F 8 | 22 22 | 9 34 | 3 4 | 16 40 | 0 42 | 23 1 | 0 22 | 12 43 | 1 10 | 14 58 | 1 6 | 17 15 | 0 39 | 6 33 | 0 41 | 2 19 | 1 9 | 21 39 | 2 40 | 7 57 | 7 59 | 27 43 | 7 45 | 5 50 |
| S 9 | 22 15 | 3 40 | 2 6 | 16 16 | 0 56 | 23 3 | 0 20 | 12 30 | 1 9 | 14 59 | 1 6 | 17 16 | 0 39 | 6 33 | 0 41 | 2 18 | 1 9 | 21 39 | 2 40 | 7 56 | 7 57 | 27 44 | 7 43 | 5 49 |
| S 10 | 22 7 | 2n31 | 1 1 | 15 53 | 1 10 | 23 5 | 0 17 | 12 17 | 1 9 | 14 59 | 1 6 | 17 18 | 0 39 | 6 34 | 0 41 | 2 18 | 1 9 | 21 38 | 2 40 | 7 56 | 7 56 | 27 45 | 7 41 | 5 49 |
| M11 | 21 59 | 8 44 | 0n 9 | 15 30 | 1 25 | 23 5 | 0 15 | 12 3 | 1 8 | 14 59 | 1 6 | 17 19 | 0 39 | 6 34 | 0 41 | 2 17 | 1 9 | 21 38 | 2 40 | 7 56 | 7 55 | 27 45 | 7 39 | 5 48 |
| T 12 | 21 51 | 14 43 | 1 21 | 15 9 | 1 39 | 23 6 | 0 12 | 11 50 | 1 8 | 14 59 | 1 5 | 17 20 | 0 39 | 6 34 | 0 41 | 2 17 | 1 9 | 21 38 | 2 40 | 7 56 | 7 54 | 27 46 | 7 37 | 5 48 |
| W13 | 21 42 | 20 7 | 2 30 | 14 48 | 1 54 | 23 5 | 0 10 | 11 36 | 1 7 | 15 0 | 1 5 | 17 21 | 0 39 | 6 34 | 0 41 | 2 16 | 1 9 | 21 37 | 2 40 | 7 55 | 7 53 | 27 47 | 7 36 | 5 48 |
| T 14 | 21 33 | 24 27 | 3 31 | 14 29 | 2 9 | 23 4 | 0 7 | 11 23 | 1 7 | 15 0 | 1 5 | 17 22 | 0 39 | 6 34 | 0 41 | 2 16 | 1 9 | 21 37 | 2 40 | 7 54 | 7 51 | 27 48 | 7 34 | 5 47 |
| F 15 | 21 24 | 27 16 | 4 19 | 14 11 | 2 24 | 23 2 | 0 5 | 11 9 | 1 6 | 15 0 | 1 5 | 17 24 | 0 40 | 6 34 | 0 41 | 2 15 | 1 9 | 21 37 | 2 40 | 7 51 | 7 50 | 27 48 | 7 32 | 5 47 |
| S 16 | 21 14 | 28 8 | 4 50 | 13 54 | 2 39 | 23 0 | 0 2 | 10 55 | 1 6 | 15 1 | 1 4 | 17 25 | 0 40 | 6 35 | 0 41 | 2 15 | 1 9 | 21 36 | 2 40 | 7 48 | 7 49 | 27 49 | 7 30 | 5 46 |
| S 17 | 21 4 | 26 55 | 5 0 | 13 39 | 2 54 | 22 56 | 0n 0 | 10 41 | 1 5 | 15 1 | 1 4 | 17 26 | 0 40 | 6 35 | 0 41 | 2 14 | 1 9 | 21 36 | 2 40 | 7 44 | 7 48 | 27 50 | 7 28 | 5 46 |
| M18 | 20 53 | 23 46 | 4 50 | 13 25 | 3 8 | 22 53 | 0 3 | 10 28 | 1 5 | 15 2 | 1 4 | 17 27 | 0 40 | 6 35 | 0 41 | 2 14 | 1 9 | 21 36 | 2 40 | 7 39 | 7 47 | 27 51 | 7 26 | 5 45 |
| T 19 | 20 42 | 19 7 | 4 21 | 13 13 | 3 23 | 22 48 | 0 5 | 10 14 | 1 4 | 15 3 | 1 4 | 17 29 | 0 40 | 6 35 | 0 41 | 2 13 | 1 9 | 21 35 | 2 40 | 7 36 | 7 45 | 27 51 | 7 24 | 5 45 |
| W20 | 20 31 | 13 29 | 3 36 | 13 3 | 3 36 | 22 43 | 0 8 | 9 59 | 1 4 | 15 3 | 1 3 | 17 30 | 0 40 | 6 35 | 0 41 | 2 13 | 1 8 | 21 35 | 2 40 | 7 33 | 7 44 | 27 52 | 7 22 | 5 45 |
| T 21 | 20 20 | 7 20 | 2 39 | 12 55 | 3 50 | 22 37 | 0 10 | 9 45 | 1 3 | 15 4 | 1 3 | 17 31 | 0 40 | 6 35 | 0 41 | 2 12 | 1 8 | 21 35 | 2 40 | 7 31 | 7 43 | 27 53 | 7 20 | 5 44 |
| F 22 | 20 8 | 1 4 | 1 35 | 12 48 | 4 2 | 22 30 | 0 13 | 9 31 | 1 3 | 15 5 | 1 3 | 17 33 | 0 40 | 6 35 | 0 41 | 2 12 | 1 8 | 21 34 | 2 40 | 7 30 | 7 42 | 27 53 | 7 18 | 5 44 |
| S 23 | 19 56 | 5s 3 | 0 28 | 12 44 | 4 14 | 22 23 | 0 15 | 9 17 | 1 2 | 15 6 | 1 3 | 17 34 | 0 40 | 6 35 | 0 41 | 2 11 | 1 8 | 21 34 | 2 40 | 7 29 | 7 41 | 27 54 | 7 16 | 5 43 |
| S 24 | 19 43 | 10 48 | 0s39 | 12 41 | 4 25 | 22 15 | 0 17 | 9 3 | 1 2 | 15 7 | 1 2 | 17 35 | 0 40 | 6 35 | 0 41 | 2 11 | 1 8 | 21 34 | 2 41 | 7 29 | 7 39 | 27 55 | 7 13 | 5 43 |
| M25 | 19 30 | 16 0 | 1 42 | 12 40 | 4 34 | 22 7 | 0 20 | 8 48 | 1 1 | 15 8 | 1 2 | 17 37 | 0 41 | 6 35 | 0 41 | 2 10 | 1 8 | 21 33 | 2 41 | 7 29 | 7 38 | 27 55 | 7 11 | 5 43 |
| T 26 | 19 17 | 20 28 | 2 39 | 12 42 | 4 43 | 21 58 | 0 22 | 8 34 | 1 1 | 15 9 | 1 2 | 17 38 | 0 41 | 6 35 | 0 41 | 2 9 | 1 8 | 21 33 | 2 41 | 7 29 | 7 37 | 27 56 | 7 9 | 5 42 |
| W27 | 19 3 | 24 4 | 3 29 | 12 45 | 4 50 | 21 48 | 0 24 | 8 19 | 1 0 | 15 10 | 1 2 | 17 39 | 0 41 | 6 35 | 0 41 | 2 9 | 1 8 | 21 33 | 2 41 | 7 27 | 7 36 | 27 57 | 7 7 | 5 42 |
| T 28 | 18 50 | 26 37 | 4 9 | 12 51 | 4 55 | 21 38 | 0 27 | 8 5 | 1 0 | 15 11 | 1 1 | 17 41 | 0 41 | 6 35 | 0 41 | 2 8 | 1 8 | 21 32 | 2 41 | 7 25 | 7 35 | 27 57 | 7 5 | 5 42 |
| F 29 | 18 35 | 27 59 | 4 39 | 12 58 | 4 59 | 21 27 | 0 29 | 7 50 | 0 59 | 15 12 | 1 1 | 17 42 | 0 41 | 6 34 | 0 41 | 2 7 | 1 8 | 21 32 | 2 41 | 7 22 | 7 33 | 27 58 | 7 3 | 5 41 |
| S 30 | 18 21 | 28 3 | 4 57 | 13 7 | 5 1 | 21 15 | 0 31 | 7 36 | 0 58 | 15 13 | 1 1 | 17 43 | 0 41 | 6 34 | 0 41 | 2 7 | 1 8 | 21 32 | 2 41 | 7 18 | 7 32 | 27 59 | 7 0 | 5 41 |
| S 31 | 18n 6 | 26s49 | 5s 1 | 13n17 | 5s 1 | 21n 3 | 0n34 | 7n21 | 0n58 | 15s14 | 1n 1 | 17s45 | 0s41 | 6n34 | 0s41 | 2n 6 | 1n 8 | 21n31 | 2n41 | 7n14 | 7n31 | 27s59 | 6n58 | 5s41 |

Julian Day Number = 2609876.5, Delta T = 10m18s
Ecliptic obliquity = 23°23'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'04, Lahiri = 29°55'06


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## AUGUST 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 40 12 | 9♌25'42 | 2♒29 | 7°R39 | 29♋20 | 14♍10 | 14♏44 | 12°R11 | 18°R25 | 27♍21 | 5♌15 | 18°R17 | 19♈11 | 25♐13 | 27♌39 | M 1 |
| T 2 | 20 44 9 | 10°23'01 | 14°47 | 6♌59 | 0♌33 | 14°47 | 14°48 | 12♒ 6 | 18♈25 | 27°23 | 5°17 | 18♈ 5 | 19° 8 | 25°19 | 27°46 | T 2 |
| W 3 | 20 48 5 | 11°20'20 | 27°15 | 6°21 | 1°47 | 15°24 | 14°52 | 12° 2 | 18°24 | 27°25 | 5°19 | 17°55 | 19° 5 | 25°26 | 27°54 | W 3 |
| T 4 | 20 52 2 | 12°17'40 | 9♓53 | 5°46 | 3° 1 | 16° 1 | 14°56 | 11°57 | 18°24 | 27°26 | 5°20 | 17°47 | 19° 2 | 25°33 | 28° 2 | T 4 |
| F 5 | 20 55 58 | 13°15'01 | 22°42 | 5°14 | 4°14 | 16°38 | 15° 0 | 11°53 | 18°23 | 27°28 | 5°22 | 17°42 | 18°59 | 25°40 | 28°10 | F 5 |
| S 6 | 20 59 55 | 14°12'22 | 5♈42 | 4°47 | 5°28 | 17°16 | 15° 5 | 11°49 | 18°23 | 27°30 | 5°24 | 17°39 | 18°56 | 25°46 | 28°17 | S 6 |
| S 7 | 21 3 51 | 15° 9'45 | 18°56 | 4°24 | 6°42 | 17°53 | 15° 9 | 11°44 | 18°22 | 27°32 | 5°25 | 17°D39 | 18°52 | 25°53 | 28°25 | S 7 |
| M 8 | 21 7 48 | 16° 7'09 | 2♉25 | 4° 6 | 7°56 | 18°30 | 15°14 | 11°40 | 18°21 | 27°33 | 5°27 | 17°39 | 18°49 | 26° 0 | 28°33 | M 8 |
| T 9 | 21 11 45 | 17° 4'34 | 16° 9 | 3°54 | 9°10 | 19° 8 | 15°19 | 11°35 | 18°21 | 27°35 | 5°28 | 17°R40 | 18°46 | 26° 6 | 28°41 | T 9 |
| W10 | 21 15 41 | 18° 2'00 | 0♊11 | 3°D48 | 10°23 | 19°45 | 15°24 | 11°31 | 18°20 | 27°37 | 5°30 | 17°39 | 18°43 | 26°13 | 28°49 | W10 |
| T 11 | 21 19 38 | 18°59'28 | 14°29 | 3°49 | 11°37 | 20°23 | 15°29 | 11°26 | 18°19 | 27°39 | 5°32 | 17°37 | 18°40 | 26°20 | 28°57 | T 11 |
| F 12 | 21 23 34 | 19°56'56 | 29° 2 | 3°55 | 12°51 | 21° 0 | 15°34 | 11°22 | 18°18 | 27°40 | 5°33 | 17°32 | 18°37 | 26°27 | 29° 4 | F 12 |
| S 13 | 21 27 31 | 20°54'26 | 13♋45 | 4° 9 | 14° 5 | 21°38 | 15°40 | 11°18 | 18°17 | 27°42 | 5°35 | 17°25 | 18°33 | 26°33 | 29°12 | S 13 |
| S 14 | 21 31 27 | 21°51'57 | 28°31 | 4°29 | 15°19 | 22°15 | 15°46 | 11°13 | 18°16 | 27°44 | 5°37 | 17°17 | 18°30 | 26°40 | 29°20 | S 14 |
| M15 | 21 35 24 | 22°49'30 | 13♌13 | 4°55 | 16°33 | 22°53 | 15°51 | 11° 9 | 18°15 | 27°46 | 5°38 | 17° 9 | 18°27 | 26°47 | 29°28 | M15 |
| T 16 | 21 39 21 | 23°47'03 | 27°42 | 5°29 | 17°47 | 23°31 | 15°57 | 11° 5 | 18°14 | 27°48 | 5°40 | 17° 1 | 18°24 | 26°53 | 29°36 | T 16 |
| W17 | 21 43 17 | 24°44'37 | 11♍53 | 6° 9 | 19° 1 | 24° 8 | 16° 3 | 11° 1 | 18°13 | 27°50 | 5°41 | 16°55 | 18°21 | 27° 0 | 29°44 | W17 |
| T 18 | 21 47 14 | 25°42'12 | 25°41 | 6°56 | 20°15 | 24°46 | 16°10 | 10°56 | 18°12 | 27°52 | 5°43 | 16°50 | 18°17 | 27° 7 | 29°52 | T 18 |
| F 19 | 21 51 10 | 26°39'48 | 9♎ 4 | 7°49 | 21°29 | 25°24 | 16°16 | 10°52 | 18°10 | 27°54 | 5°44 | 16°49 | 18°14 | 27°14 | 0♍ 0 | F 19 |
| S 20 | 21 55 7 | 27°37'25 | 22° 2 | 8°49 | 22°43 | 26° 2 | 16°23 | 10°48 | 18° 9 | 27°56 | 5°46 | 16°D48 | 18°11 | 27°20 | 0° 8 | S 20 |
| S 21 | 21 59 3 | 28°35'03 | 4♏38 | 9°55 | 23°57 | 26°40 | 16°29 | 10°44 | 18° 8 | 27°58 | 5°48 | 16°49 | 18° 8 | 27°27 | 0°16 | S 21 |
| M22 | 22 3 0 | 29°32'42 | 16°55 | 11° 7 | 25°11 | 27°18 | 16°36 | 10°40 | 18° 7 | 28° 0 | 5°49 | 16°51 | 18° 5 | 27°34 | 0°24 | M22 |
| T 23 | 22 6 56 | 0♍30'22 | 29° 0 | 12°24 | 26°26 | 27°55 | 16°43 | 10°36 | 18° 5 | 28° 2 | 5°51 | 16°R51 | 18° 2 | 27°40 | 0°32 | T 23 |
| W24 | 22 10 53 | 1°28'03 | 10♐55 | 13°47 | 27°40 | 28°33 | 16°50 | 10°32 | 18° 4 | 28° 4 | 5°52 | 16°51 | 17°58 | 27°47 | 0°40 | W24 |
| T 25 | 22 14 50 | 2°25'46 | 22°47 | 15°15 | 28°54 | 29°11 | 16°57 | 10°28 | 18° 2 | 28° 6 | 5°54 | 16°48 | 17°55 | 27°54 | 0°48 | T 25 |
| F 26 | 22 18 46 | 3°23'29 | 4♑41 | 16°48 | 0♍ 8 | 29°49 | 17° 5 | 10°24 | 18° 1 | 28° 8 | 5°55 | 16°44 | 17°52 | 28° 1 | 0°56 | F 26 |
| S 27 | 22 22 43 | 4°21'13 | 16°39 | 18°25 | 1°22 | 0♎28 | 17°12 | 10°20 | 17°59 | 28°10 | 5°57 | 16°39 | 17°49 | 28° 7 | 1° 4 | S 27 |
| S 28 | 22 26 39 | 5°18'58 | 28°46 | 20° 6 | 2°37 | 1° 6 | 17°20 | 10°16 | 17°58 | 28°12 | 5°58 | 16°32 | 17°46 | 28°14 | 1°12 | S 28 |
| M29 | 22 30 36 | 6°16'45 | 11♒ 3 | 21°51 | 3°51 | 1°44 | 17°27 | 10°12 | 17°56 | 28°14 | 6° 0 | 16°25 | 17°43 | 28°21 | 1°20 | M29 |
| T 30 | 22 34 32 | 7°14'33 | 23°33 | 23°39 | 5° 5 | 2°22 | 17°35 | 10° 9 | 17°55 | 28°16 | 6° 1 | 16°18 | 17°39 | 28°27 | 1°28 | T 30 |
| W31 | 22 38 29 | 8♍12'22 | 6♓17 | 25♌29 | 6♍19 | 3♎ 0 | 17♏43 | 10♒ 5 | 17♈53 | 28♍18 | 6♌ 3 | 16♈12 | 17♈36 | 28♐34 | 1♍36 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n51 | 24s18 | 4s52 | 13n29 | 5s 0 | 20n50 | 0n36 | 7n 6 | 0n57 | 15s16 | 1n 0 | 17s46 | 0s41 | 6n34 | 0s41 | 2n 6 | 1n 8 | 21n31 | 2n41 | 7n 9 | 7n30 | 28s 0 | 6n56 | 5s40 |
| T 2 | 17 36 | 20 40 | 4 30 | 13 42 | 4 56 | 20 36 | 0 38 | 6 51 | 0 57 | 15 17 | 1 0 | 17 47 | 0 41 | 6 34 | 0 41 | 2 5 | 1 8 | 21 31 | 2 41 | 7 5 | 7 29 | 28 1 | 6 53 | 5 40 |
| W 3 | 17 20 | 16 4 | 3 54 | 13 56 | 4 51 | 20 22 | 0 40 | 6 37 | 0 56 | 15 18 | 1 0 | 17 49 | 0 41 | 6 34 | 0 41 | 2 4 | 1 8 | 21 30 | 2 41 | 7 1 | 7 27 | 28 1 | 6 51 | 5 40 |
| T 4 | 17 4 | 10 43 | 3 7 | 14 11 | 4 45 | 20 7 | 0 42 | 6 22 | 0 56 | 15 20 | 1 0 | 17 50 | 0 41 | 6 33 | 0 42 | 2 4 | 1 8 | 21 30 | 2 41 | 6 58 | 7 26 | 28 2 | 6 49 | 5 40 |
| F 5 | 16 48 | 4 52 | 2 9 | 14 26 | 4 37 | 19 52 | 0 44 | 6 7 | 0 55 | 15 21 | 0 59 | 17 51 | 0 42 | 6 33 | 0 42 | 2 3 | 1 8 | 21 30 | 2 41 | 6 56 | 7 25 | 28 2 | 6 46 | 5 39 |
| S 6 | 16 32 | 1n18 | 1 3 | 14 42 | 4 27 | 19 36 | 0 46 | 5 52 | 0 55 | 15 23 | 0 59 | 17 52 | 0 42 | 6 33 | 0 42 | 2 2 | 1 8 | 21 29 | 2 41 | 6 55 | 7 24 | 28 3 | 6 44 | 5 39 |
| S 7 | 16 15 | 7 30 | 0n 7 | 14 58 | 4 16 | 19 20 | 0 48 | 5 37 | 0 54 | 15 24 | 0 59 | 17 54 | 0 42 | 6 33 | 0 42 | 2 1 | 1 8 | 21 29 | 2 42 | 6 55 | 7 23 | 28 3 | 6 42 | 5 39 |
| M 8 | 15 58 | 13 30 | 1 18 | 15 14 | 4 4 | 19 3 | 0 50 | 5 22 | 0 54 | 15 26 | 0 59 | 17 55 | 0 42 | 6 32 | 0 42 | 2 1 | 1 8 | 21 29 | 2 42 | 6 55 | 7 21 | 28 4 | 6 39 | 5 39 |
| T 9 | 15 41 | 18 58 | 2 26 | 15 30 | 3 51 | 18 46 | 0 52 | 5 7 | 0 53 | 15 28 | 0 58 | 17 56 | 0 42 | 6 32 | 0 42 | 2 0 | 1 8 | 21 28 | 2 42 | 6 55 | 7 20 | 28 5 | 6 37 | 5 38 |
| W10 | 15 23 | 23 31 | 3 27 | 15 45 | 3 36 | 18 28 | 0 54 | 4 51 | 0 53 | 15 29 | 0 58 | 17 58 | 0 42 | 6 32 | 0 42 | 1 59 | 1 8 | 21 28 | 2 42 | 6 55 | 7 19 | 28 5 | 6 34 | 5 38 |
| T 11 | 15 6 | 26 43 | 4 16 | 15 59 | 3 21 | 18 9 | 0 56 | 4 36 | 0 52 | 15 31 | 0 58 | 17 59 | 0 42 | 6 31 | 0 42 | 1 59 | 1 8 | 21 28 | 2 42 | 6 54 | 7 18 | 28 6 | 6 32 | 5 38 |
| F 12 | 14 48 | 28 12 | 4 49 | 16 13 | 3 6 | 17 50 | 0 57 | 4 21 | 0 52 | 15 33 | 0 58 | 18 0 | 0 42 | 6 31 | 0 42 | 1 58 | 1 8 | 21 27 | 2 42 | 6 52 | 7 17 | 28 6 | 6 29 | 5 38 |
| S 13 | 14 30 | 27 43 | 5 4 | 16 26 | 2 50 | 17 31 | 0 59 | 4 6 | 0 51 | 15 35 | 0 57 | 18 2 | 0 42 | 6 31 | 0 42 | 1 57 | 1 8 | 21 27 | 2 42 | 6 49 | 7 15 | 28 7 | 6 27 | 5 37 |
| S 14 | 14 11 | 25 18 | 4 59 | 16 37 | 2 33 | 17 11 | 1 1 | 3 50 | 0 51 | 15 36 | 0 57 | 18 3 | 0 42 | 6 30 | 0 42 | 1 56 | 1 8 | 21 27 | 2 42 | 6 46 | 7 14 | 28 7 | 6 24 | 5 37 |
| M15 | 13 53 | 21 12 | 4 34 | 16 47 | 2 17 | 16 50 | 1 3 | 3 35 | 0 50 | 15 38 | 0 57 | 18 4 | 0 42 | 6 30 | 0 42 | 1 56 | 1 8 | 21 26 | 2 42 | 6 43 | 7 13 | 28 8 | 6 22 | 5 37 |
| T 16 | 13 34 | 15 52 | 3 52 | 16 55 | 2 0 | 16 29 | 1 4 | 3 20 | 0 50 | 15 40 | 0 57 | 18 5 | 0 42 | 6 29 | 0 42 | 1 55 | 1 8 | 21 26 | 2 42 | 6 40 | 7 12 | 28 8 | 6 19 | 5 37 |
| W17 | 13 15 | 9 48 | 2 56 | 17 1 | 1 43 | 16 8 | 1 6 | 3 4 | 0 49 | 15 42 | 0 57 | 18 7 | 0 42 | 6 29 | 0 42 | 1 54 | 1 8 | 21 26 | 2 42 | 6 38 | 7 11 | 28 9 | 6 17 | 5 37 |
| T 18 | 12 55 | 3 25 | 1 51 | 17 6 | 1 27 | 15 46 | 1 7 | 2 49 | 0 48 | 15 44 | 0 56 | 18 8 | 0 42 | 6 28 | 0 42 | 1 53 | 1 8 | 21 25 | 2 42 | 6 36 | 7 9 | 28 9 | 6 14 | 5 36 |
| F 19 | 12 36 | 2s57 | 0 42 | 17 8 | 1 10 | 15 23 | 1 9 | 2 33 | 0 48 | 15 46 | 0 56 | 18 9 | 0 43 | 6 28 | 0 42 | 1 52 | 1 8 | 21 25 | 2 43 | 6 35 | 7 8 | 28 10 | 6 12 | 5 36 |
| S 20 | 12 16 | 9 0 | 0s28 | 17 8 | 0 54 | 15 1 | 1 10 | 2 18 | 0 47 | 15 48 | 0 56 | 18 10 | 0 43 | 6 27 | 0 42 | 1 52 | 1 8 | 21 25 | 2 43 | 6 35 | 7 7 | 28 10 | 6 9 | 5 36 |
| S 21 | 11 56 | 14 31 | 1 35 | 17 6 | 0 39 | 14 38 | 1 11 | 2 3 | 0 47 | 15 50 | 0 56 | 18 11 | 0 43 | 6 27 | 0 42 | 1 51 | 1 8 | 21 25 | 2 43 | 6 36 | 7 6 | 28 11 | 6 6 | 5 36 |
| M22 | 11 36 | 19 20 | 2 35 | 17 1 | 0 24 | 14 14 | 1 12 | 1 47 | 0 46 | 15 53 | 0 55 | 18 13 | 0 43 | 6 26 | 0 42 | 1 50 | 1 8 | 21 24 | 2 43 | 6 36 | 7 5 | 28 11 | 6 4 | 5 36 |
| T 23 | 11 16 | 23 16 | 3 28 | 16 54 | 0 9 | 13 50 | 1 14 | 1 31 | 0 46 | 15 55 | 0 55 | 18 14 | 0 43 | 6 26 | 0 42 | 1 49 | 1 8 | 21 24 | 2 43 | 6 37 | 7 3 | 28 11 | 6 1 | 5 36 |
| W24 | 10 56 | 26 10 | 4 10 | 16 43 | 0n 5 | 13 26 | 1 15 | 1 16 | 0 45 | 15 57 | 0 55 | 18 15 | 0 43 | 6 25 | 0 42 | 1 48 | 1 8 | 21 24 | 2 43 | 6 36 | 7 2 | 28 12 | 5 58 | 5 36 |
| T 25 | 10 35 | 27 53 | 4 42 | 16 30 | 0 18 | 13 1 | 1 16 | 1 0 | 0 45 | 15 59 | 0 55 | 18 16 | 0 43 | 6 25 | 0 42 | 1 48 | 1 8 | 21 23 | 2 43 | 6 35 | 7 1 | 28 12 | 5 56 | 5 35 |
| F 26 | 10 14 | 28 20 | 5 2 | 16 14 | 0 30 | 12 36 | 1 17 | 0 45 | 0 44 | 16 1 | 0 55 | 18 17 | 0 43 | 6 24 | 0 42 | 1 47 | 1 8 | 21 23 | 2 43 | 6 34 | 7 0 | 28 13 | 5 53 | 5 35 |
| S 27 | 9 54 | 27 27 | 5 9 | 15 56 | 0 41 | 12 11 | 1 18 | 0 29 | 0 44 | 16 4 | 0 54 | 18 18 | 0 43 | 6 24 | 0 42 | 1 46 | 1 8 | 21 23 | 2 43 | 6 32 | 6 58 | 28 13 | 5 50 | 5 35 |
| S 28 | 9 32 | 25 17 | 5 2 | 15 34 | 0 52 | 11 45 | 1 19 | 0 14 | 0 43 | 16 6 | 0 54 | 18 19 | 0 43 | 6 23 | 0 42 | 1 45 | 1 8 | 21 23 | 2 43 | 6 29 | 6 57 | 28 13 | 5 48 | 5 35 |
| M29 | 9 11 | 21 55 | 4 41 | 15 10 | 1 1 | 11 19 | 1 20 | 0s 2 | 0 43 | 16 8 | 0 54 | 18 20 | 0 43 | 6 22 | 0 42 | 1 44 | 1 8 | 21 22 | 2 43 | 6 26 | 6 56 | 28 14 | 5 45 | 5 35 |
| T 30 | 8 50 | 17 31 | 4 6 | 14 43 | 1 10 | 10 52 | 1 20 | 0 18 | 0 42 | 16 11 | 0 54 | 18 21 | 0 43 | 6 22 | 0 42 | 1 43 | 1 8 | 21 22 | 2 44 | 6 24 | 6 55 | 28 14 | 5 42 | 5 35 |
| W31 | 8n28 | 12s16 | 3s19 | 14n13 | 1n18 | 10n26 | 1n21 | 0s33 | 0n42 | 16s13 | 0n53 | 18s22 | 0s43 | 6n21 | 0s42 | 1n43 | 1n 8 | 21n22 | 2n44 | 6n21 | 6n54 | 28s15 | 5n40 | 5s35 |

Julian Day Number = 2609907.5, Delta T = 10m18s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'08, Lahiri = 29°55'10


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## SEPTEMBER 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 42 25 | 9♍10'12 | 19♓14 | 27♌22 | 7♍34 | 3♎38 | 17♏51 | 10°R 1 | 17°R51 | 28♍20 | 6♌ 4 | 16°R 8 | 17♈33 | 28♐41 | 1♍44 | T 1 |
| F 2 | 22 46 22 | 10° 8'04 | 2♈24 | 29°17 | 8°48 | 4°17 | 17°59 | 9♒58 | 17♈49 | 28°23 | 6° 5 | 16♈ 5 | 17°30 | 28°48 | 1°52 | F 2 |
| S 3 | 22 50 18 | 11° 5'58 | 15°45 | 1♍13 | 10° 2 | 4°55 | 18° 8 | 9°54 | 17°48 | 28°25 | 6° 7 | 16°D 4 | 17°27 | 28°54 | 2° 0 | S 3 |
| S 4 | 22 54 15 | 12° 3'53 | 29°19 | 3°10 | 11°17 | 5°33 | 18°16 | 9°51 | 17°46 | 28°27 | 6° 8 | 16° 5 | 17°23 | 29° 1 | 2° 8 | S 4 |
| M 5 | 22 58 12 | 13° 1'51 | 13♉ 3 | 5° 7 | 12°31 | 6°12 | 18°25 | 9°48 | 17°44 | 28°29 | 6°10 | 16° 6 | 17°20 | 29° 8 | 2°16 | M 5 |
| T 6 | 23 2 8 | 13°59'50 | 26°57 | 7° 5 | 13°45 | 6°50 | 18°33 | 9°44 | 17°42 | 28°31 | 6°11 | 16° 8 | 17°17 | 29°14 | 2°24 | T 6 |
| W 7 | 23 6 5 | 14°57'51 | 11♊ 1 | 9° 3 | 15° 0 | 7°29 | 18°42 | 9°41 | 17°40 | 28°33 | 6°12 | 16°R 8 | 17°14 | 29°21 | 2°31 | W 7 |
| T 8 | 23 10 1 | 15°55'54 | 25°12 | 11° 1 | 16°14 | 8° 7 | 18°51 | 9°38 | 17°38 | 28°35 | 6°14 | 16° 8 | 17°11 | 29°28 | 2°39 | T 8 |
| F 9 | 23 13 58 | 16°53'58 | 9♋30 | 12°59 | 17°28 | 8°46 | 19° 0 | 9°35 | 17°36 | 28°38 | 6°15 | 16° 7 | 17° 8 | 29°35 | 2°47 | F 9 |
| S 10 | 23 17 54 | 17°52'05 | 23°51 | 14°56 | 18°43 | 9°25 | 19° 9 | 9°32 | 17°34 | 28°40 | 6°16 | 16° 4 | 17° 4 | 29°41 | 2°55 | S 10 |
| S 11 | 23 21 51 | 18°50'14 | 8♌11 | 16°53 | 19°57 | 10° 3 | 19°18 | 9°29 | 17°32 | 28°42 | 6°18 | 16° 0 | 17° 1 | 29°48 | 3° 3 | S 11 |
| M12 | 23 25 47 | 19°48'24 | 22°25 | 18°49 | 21°12 | 10°42 | 19°28 | 9°26 | 17°30 | 28°44 | 6°19 | 15°56 | 16°58 | 29°55 | 3°11 | M12 |
| T 13 | 23 29 44 | 20°46'37 | 6♍30 | 20°43 | 22°26 | 11°21 | 19°37 | 9°23 | 17°28 | 28°46 | 6°20 | 15°53 | 16°55 | 0♑ 1 | 3°19 | T 13 |
| W14 | 23 33 41 | 21°44'51 | 20°20 | 22°37 | 23°41 | 12° 0 | 19°47 | 9°20 | 17°26 | 28°49 | 6°21 | 15°50 | 16°52 | 0° 8 | 3°26 | W14 |
| T 15 | 23 37 37 | 22°43'06 | 3♎52 | 24°30 | 24°55 | 12°38 | 19°56 | 9°18 | 17°24 | 28°51 | 6°23 | 15°49 | 16°48 | 0°15 | 3°34 | T 15 |
| F 16 | 23 41 34 | 23°41'24 | 17° 4 | 26°22 | 26°10 | 13°17 | 20° 6 | 9°15 | 17°22 | 28°53 | 6°24 | 15°D48 | 16°45 | 0°22 | 3°42 | F 16 |
| S 17 | 23 45 30 | 24°39'43 | 29°57 | 28°13 | 27°24 | 13°56 | 20°16 | 9°13 | 17°20 | 28°55 | 6°25 | 15°49 | 16°42 | 0°28 | 3°50 | S 17 |
| S 18 | 23 49 27 | 25°38'04 | 12♏31 | 0♎ 3 | 28°39 | 14°35 | 20°26 | 9°10 | 17°18 | 28°58 | 6°26 | 15°50 | 16°39 | 0°35 | 3°57 | S 18 |
| M19 | 23 53 23 | 26°36'26 | 24°49 | 1°51 | 29°54 | 15°14 | 20°36 | 9° 8 | 17°15 | 29° 0 | 6°27 | 15°51 | 16°36 | 0°42 | 4° 5 | M19 |
| T 20 | 23 57 20 | 27°34'50 | 6♐54 | 3°39 | 1♎ 8 | 15°53 | 20°46 | 9° 6 | 17°13 | 29° 2 | 6°28 | 15°53 | 16°33 | 0°48 | 4°13 | T 20 |
| W21 | 0 1 16 | 28°33'16 | 18°51 | 5°25 | 2°23 | 16°32 | 20°56 | 9° 4 | 17°11 | 29° 4 | 6°30 | 15°54 | 16°29 | 0°55 | 4°20 | W21 |
| T 22 | 0 5 13 | 29°31'43 | 0♑44 | 7°11 | 3°37 | 17°11 | 21° 7 | 9° 2 | 17° 9 | 29° 6 | 6°31 | 15°R54 | 16°26 | 1° 2 | 4°28 | T 22 |
| F 23 | 0 9 10 | 0♎30'12 | 12°38 | 8°55 | 4°52 | 17°51 | 21°17 | 9° 0 | 17° 6 | 29° 9 | 6°32 | 15°54 | 16°23 | 1° 9 | 4°35 | F 23 |
| S 24 | 0 13 6 | 1°28'42 | 24°37 | 10°38 | 6° 7 | 18°30 | 21°28 | 8°58 | 17° 4 | 29°11 | 6°33 | 15°53 | 16°20 | 1°15 | 4°43 | S 24 |
| S 25 | 0 17 3 | 2°27'14 | 6♒46 | 12°20 | 7°21 | 19° 9 | 21°38 | 8°56 | 17° 2 | 29°13 | 6°34 | 15°51 | 16°17 | 1°22 | 4°51 | S 25 |
| M26 | 0 20 59 | 3°25'48 | 19° 9 | 14° 1 | 8°36 | 19°48 | 21°49 | 8°55 | 16°59 | 29°15 | 6°35 | 15°49 | 16°14 | 1°29 | 4°58 | M26 |
| T 27 | 0 24 56 | 4°24'23 | 1♓47 | 15°41 | 9°50 | 20°28 | 22° 0 | 8°53 | 16°57 | 29°18 | 6°36 | 15°47 | 16°10 | 1°35 | 5° 5 | T 27 |
| W28 | 0 28 52 | 5°23'00 | 14°44 | 17°20 | 11° 5 | 21° 7 | 22°10 | 8°52 | 16°55 | 29°20 | 6°37 | 15°46 | 16° 7 | 1°42 | 5°13 | W28 |
| T 29 | 0 32 49 | 6°21'39 | 27°58 | 18°58 | 12°20 | 21°46 | 22°21 | 8°50 | 16°52 | 29°22 | 6°38 | 15°45 | 16° 4 | 1°49 | 5°20 | T 29 |
| F 30 | 0 36 45 | 7♎20'20 | 11♈30 | 20♎36 | 13♎34 | 22♎26 | 22♏32 | 8♒49 | 16♈50 | 29♍24 | 6♌39 | 15°D45 | 16♈ 1 | 1♑56 | 5♍28 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n 7 | 6s25 | 2s21 | 13n41 | 1n25 | 9n59 | 1n22 | 0s49 | 0n41 | 16s16 | 0n53 | 18s23 | 0s43 | 6n20 | 0s42 | 1n42 | 1n 8 | 21n21 | 2n44 | 6n20 | 6n52 | 28s15 | 5n37 | 5s35 |
| F 2 | 7 45 | 0 11 | 1 14 | 13 7 | 1 30 | 9 32 | 1 22 | 1 5 | 0 40 | 16 18 | 0 53 | 18 24 | 0 43 | 6 20 | 0 42 | 1 41 | 1 8 | 21 21 | 2 44 | 6 19 | 6 51 | 28 15 | 5 34 | 5 35 |
| S 3 | 7 23 | 6n10 | 0 2 | 12 30 | 1 35 | 9 4 | 1 23 | 1 20 | 0 40 | 16 21 | 0 53 | 18 25 | 0 43 | 6 19 | 0 42 | 1 40 | 1 8 | 21 21 | 2 44 | 6 18 | 6 50 | 28 16 | 5 31 | 5 35 |
| S 4 | 7 1 | 12 19 | 1n12 | 11 52 | 1 39 | 8 36 | 1 23 | 1 36 | 0 39 | 16 23 | 0 53 | 18 26 | 0 43 | 6 18 | 0 42 | 1 39 | 1 8 | 21 21 | 2 44 | 6 19 | 6 49 | 28 16 | 5 29 | 5 35 |
| M 5 | 6 39 | 17 58 | 2 22 | 11 12 | 1 42 | 8 8 | 1 24 | 1 52 | 0 39 | 16 26 | 0 52 | 18 27 | 0 43 | 6 18 | 0 42 | 1 38 | 1 8 | 21 20 | 2 44 | 6 19 | 6 48 | 28 16 | 5 26 | 5 35 |
| T 6 | 6 17 | 22 45 | 3 25 | 10 30 | 1 44 | 7 40 | 1 24 | 2 7 | 0 38 | 16 28 | 0 52 | 18 28 | 0 43 | 6 17 | 0 42 | 1 38 | 1 8 | 21 20 | 2 44 | 6 20 | 6 46 | 28 17 | 5 23 | 5 35 |
| W 7 | 5 55 | 26 16 | 4 16 | 9 48 | 1 46 | 7 12 | 1 24 | 2 23 | 0 38 | 16 31 | 0 52 | 18 29 | 0 44 | 6 16 | 0 42 | 1 37 | 1 8 | 21 20 | 2 44 | 6 20 | 6 45 | 28 17 | 5 20 | 5 35 |
| T 8 | 5 32 | 28 10 | 4 52 | 9 4 | 1 47 | 6 43 | 1 25 | 2 39 | 0 37 | 16 33 | 0 52 | 18 30 | 0 44 | 6 15 | 0 42 | 1 36 | 1 8 | 21 20 | 2 45 | 6 20 | 6 44 | 28 17 | 5 18 | 5 35 |
| F 9 | 5 10 | 28 13 | 5 11 | 8 19 | 1 46 | 6 14 | 1 25 | 2 54 | 0 37 | 16 36 | 0 52 | 18 31 | 0 44 | 6 15 | 0 42 | 1 35 | 1 8 | 21 20 | 2 45 | 6 19 | 6 43 | 28 18 | 5 15 | 5 35 |
| S 10 | 4 47 | 26 22 | 5 10 | 7 33 | 1 46 | 5 45 | 1 25 | 3 10 | 0 36 | 16 39 | 0 52 | 18 32 | 0 44 | 6 14 | 0 42 | 1 34 | 1 8 | 21 19 | 2 45 | 6 18 | 6 42 | 28 18 | 5 12 | 5 35 |
| S 11 | 4 24 | 22 50 | 4 50 | 6 46 | 1 44 | 5 16 | 1 25 | 3 26 | 0 36 | 16 41 | 0 51 | 18 32 | 0 44 | 6 13 | 0 42 | 1 33 | 1 8 | 21 19 | 2 45 | 6 17 | 6 40 | 28 18 | 5 9 | 5 35 |
| M12 | 4 2 | 17 58 | 4 12 | 5 59 | 1 42 | 4 47 | 1 25 | 3 41 | 0 35 | 16 44 | 0 51 | 18 33 | 0 44 | 6 12 | 0 42 | 1 32 | 1 8 | 21 19 | 2 45 | 6 15 | 6 39 | 28 18 | 5 7 | 5 35 |
| T 13 | 3 39 | 12 11 | 3 19 | 5 12 | 1 40 | 4 18 | 1 25 | 3 57 | 0 35 | 16 47 | 0 51 | 18 34 | 0 44 | 6 11 | 0 42 | 1 31 | 1 8 | 21 19 | 2 45 | 6 14 | 6 38 | 28 19 | 5 4 | 5 35 |
| W14 | 3 16 | 5 54 | 2 15 | 4 24 | 1 37 | 3 48 | 1 25 | 4 13 | 0 34 | 16 50 | 0 51 | 18 35 | 0 44 | 6 11 | 0 42 | 1 31 | 1 8 | 21 18 | 2 45 | 6 13 | 6 37 | 28 19 | 5 1 | 5 35 |
| T 15 | 2 53 | 0s32 | 1 5 | 3 36 | 1 33 | 3 18 | 1 24 | 4 28 | 0 33 | 16 52 | 0 51 | 18 35 | 0 44 | 6 10 | 0 42 | 1 30 | 1 8 | 21 18 | 2 45 | 6 12 | 6 35 | 28 19 | 4 58 | 5 35 |
| F 16 | 2 30 | 6 48 | 0s 7 | 2 48 | 1 29 | 2 48 | 1 24 | 4 44 | 0 33 | 16 55 | 0 50 | 18 36 | 0 44 | 6 9 | 0 42 | 1 29 | 1 8 | 21 18 | 2 45 | 6 12 | 6 34 | 28 19 | 4 55 | 5 35 |
| S 17 | 2 7 | 12 38 | 1 17 | 2 0 | 1 25 | 2 19 | 1 24 | 4 59 | 0 32 | 16 58 | 0 50 | 18 37 | 0 44 | 6 8 | 0 42 | 1 28 | 1 8 | 21 18 | 2 46 | 6 12 | 6 33 | 28 20 | 4 53 | 5 35 |
| S 18 | 1 44 | 17 49 | 2 22 | 1 12 | 1 20 | 1 49 | 1 23 | 5 15 | 0 32 | 17 1 | 0 50 | 18 38 | 0 44 | 6 7 | 0 42 | 1 27 | 1 8 | 21 18 | 2 46 | 6 13 | 6 32 | 28 20 | 4 50 | 5 35 |
| M19 | 1 21 | 22 8 | 3 19 | 0 25 | 1 15 | 1 19 | 1 23 | 5 30 | 0 31 | 17 4 | 0 50 | 18 38 | 0 44 | 6 7 | 0 42 | 1 26 | 1 8 | 21 18 | 2 46 | 6 14 | 6 31 | 28 20 | 4 47 | 5 35 |
| T 20 | 0 58 | 25 27 | 4 6 | 0s23 | 1 10 | 0 48 | 1 22 | 5 46 | 0 31 | 17 6 | 0 50 | 18 39 | 0 44 | 6 6 | 0 42 | 1 25 | 1 8 | 21 17 | 2 46 | 6 14 | 6 29 | 28 20 | 4 44 | 5 35 |
| W21 | 0 34 | 27 35 | 4 41 | 1 10 | 1 4 | 0 18 | 1 22 | 6 1 | 0 30 | 17 9 | 0 50 | 18 39 | 0 44 | 6 5 | 0 42 | 1 24 | 1 8 | 21 17 | 2 46 | 6 14 | 6 28 | 28 20 | 4 41 | 5 35 |
| T 22 | 0 11 | 28 28 | 5 5 | 1 57 | 0 58 | 0s12 | 1 21 | 6 17 | 0 30 | 17 12 | 0 49 | 18 40 | 0 44 | 6 4 | 0 42 | 1 24 | 1 8 | 21 17 | 2 46 | 6 15 | 6 27 | 28 21 | 4 39 | 5 35 |
| F 23 | 0s12 | 28 1 | 5 15 | 2 44 | 0 52 | 0 42 | 1 20 | 6 32 | 0 29 | 17 15 | 0 49 | 18 40 | 0 44 | 6 3 | 0 42 | 1 23 | 1 8 | 21 17 | 2 46 | 6 14 | 6 26 | 28 21 | 4 36 | 5 35 |
| S 24 | 0 35 | 26 16 | 5 12 | 3 30 | 0 46 | 1 12 | 1 19 | 6 48 | 0 29 | 17 18 | 0 49 | 18 41 | 0 44 | 6 2 | 0 42 | 1 22 | 1 8 | 21 17 | 2 46 | 6 14 | 6 24 | 28 21 | 4 33 | 5 35 |
| S 25 | 0 58 | 23 18 | 4 55 | 4 16 | 0 39 | 1 43 | 1 18 | 7 3 | 0 28 | 17 21 | 0 49 | 18 41 | 0 44 | 6 1 | 0 42 | 1 21 | 1 8 | 21 17 | 2 47 | 6 13 | 6 23 | 28 21 | 4 30 | 5 35 |
| M26 | 1 22 | 19 14 | 4 24 | 5 1 | 0 33 | 2 13 | 1 18 | 7 18 | 0 27 | 17 24 | 0 49 | 18 42 | 0 44 | 6 0 | 0 42 | 1 20 | 1 8 | 21 16 | 2 47 | 6 13 | 6 22 | 28 21 | 4 27 | 5 36 |
| T 27 | 1 45 | 14 14 | 3 40 | 5 46 | 0 26 | 2 43 | 1 17 | 7 34 | 0 27 | 17 27 | 0 49 | 18 42 | 0 44 | 6 0 | 0 42 | 1 19 | 1 8 | 21 16 | 2 47 | 6 12 | 6 21 | 28 21 | 4 25 | 5 36 |
| W28 | 2 8 | 8 31 | 2 43 | 6 30 | 0 19 | 3 13 | 1 15 | 7 49 | 0 26 | 17 29 | 0 48 | 18 43 | 0 44 | 5 59 | 0 42 | 1 18 | 1 8 | 21 16 | 2 47 | 6 12 | 6 20 | 28 22 | 4 22 | 5 36 |
| T 29 | 2 31 | 2 17 | 1 37 | 7 14 | 0 12 | 3 43 | 1 14 | 8 4 | 0 26 | 17 32 | 0 48 | 18 43 | 0 44 | 5 58 | 0 42 | 1 17 | 1 8 | 21 16 | 2 47 | 6 11 | 6 18 | 28 22 | 4 19 | 5 36 |
| F 30 | 2s54 | 4n11 | 0s23 | 7s57 | 0n 5 | 4s13 | 1n13 | 8s19 | 0n25 | 17s35 | 0n48 | 18s43 | 0s44 | 5n57 | 0s42 | 1n17 | 1n 8 | 21n16 | 2n47 | 6n11 | 6n17 | 28s22 | 4n16 | 5s36 |

Julian Day Number = 2609938.5, Delta T = 10m18s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'13, Lahiri = 29°55'14


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## OCTOBER 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 40 42 | 8♎19'03 | 25♈18 | 22♎12 | 14♎49 | 23♎ 5 | 22♏43 | 8°R48 | 16°R48 | 29♍26 | 6♌40 | 15♈45 | 15♈58 | 2♉ 2 | 5♍35 | S 1 |
| S 2 | 0 44 39 | 9°17'47 | 9♉18 | 23°47 | 16° 4 | 23°45 | 22°54 | 8♒47 | 16♈45 | 29°29 | 6°41 | 15°45 | 15°54 | 2° 9 | 5°42 | S 2 |
| M 3 | 0 48 35 | 10°16'35 | 23°28 | 25°21 | 17°18 | 24°25 | 23° 6 | 8°46 | 16°43 | 29°31 | 6°41 | 15°46 | 15°51 | 2°16 | 5°49 | M 3 |
| T 4 | 0 52 32 | 11°15'24 | 7♊43 | 26°55 | 18°33 | 25° 4 | 23°17 | 8°45 | 16°40 | 29°33 | 6°42 | 15°46 | 15°48 | 2°23 | 5°56 | T 4 |
| W 5 | 0 56 28 | 12°14'15 | 22° 0 | 28°27 | 19°48 | 25°44 | 23°28 | 8°44 | 16°38 | 29°35 | 6°43 | 15°47 | 15°45 | 2°29 | 6° 4 | W 5 |
| T 6 | 1 0 25 | 13°13'09 | 6♋16 | 29°59 | 21° 2 | 26°24 | 23°40 | 8°43 | 16°36 | 29°37 | 6°44 | 15°47 | 15°42 | 2°36 | 6°11 | T 6 |
| F 7 | 1 4 21 | 14°12'05 | 20°29 | 1♏29 | 22°17 | 27° 3 | 23°51 | 8°42 | 16°33 | 29°40 | 6°45 | 15°R47 | 15°39 | 2°43 | 6°18 | F 7 |
| S 8 | 1 8 18 | 15°11'04 | 4♌34 | 2°59 | 23°32 | 27°43 | 24° 3 | 8°42 | 16°31 | 29°42 | 6°45 | 15°47 | 15°35 | 2°49 | 6°25 | S 8 |
| S 9 | 1 12 14 | 16°10'04 | 18°32 | 4°28 | 24°47 | 28°23 | 24°15 | 8°41 | 16°28 | 29°44 | 6°46 | 15°D47 | 15°32 | 2°56 | 6°32 | S 9 |
| M10 | 1 16 11 | 17° 9'07 | 2♍20 | 5°56 | 26° 1 | 29° 3 | 24°26 | 8°41 | 16°26 | 29°46 | 6°47 | 15°47 | 15°29 | 3° 3 | 6°38 | M10 |
| T 11 | 1 20 8 | 18° 8'12 | 15°56 | 7°23 | 27°16 | 29°43 | 24°38 | 8°41 | 16°24 | 29°48 | 6°48 | 15°47 | 15°26 | 3°10 | 6°45 | T 11 |
| W12 | 1 24 4 | 19° 7'20 | 29°20 | 8°49 | 28°31 | 0♏23 | 24°50 | 8°41 | 16°21 | 29°50 | 6°48 | 15°47 | 15°23 | 3°16 | 6°52 | W12 |
| T 13 | 1 28 1 | 20° 6'29 | 12♎30 | 10°15 | 29°46 | 1° 3 | 25° 2 | 8°D41 | 16°19 | 29°52 | 6°49 | 15°R47 | 15°20 | 3°23 | 6°59 | T 13 |
| F 14 | 1 31 57 | 21° 5'40 | 25°25 | 11°39 | 1♏ 0 | 1°43 | 25°14 | 8°41 | 16°16 | 29°55 | 6°50 | 15°47 | 15°16 | 3°30 | 7° 5 | F 14 |
| S 15 | 1 35 54 | 22° 4'54 | 8♏ 5 | 13° 2 | 2°15 | 2°23 | 25°26 | 8°41 | 16°14 | 29°57 | 6°50 | 15°47 | 15°13 | 3°36 | 7°12 | S 15 |
| S 16 | 1 39 50 | 23° 4'09 | 20°32 | 14°25 | 3°30 | 3° 3 | 25°38 | 8°41 | 16°12 | 29°59 | 6°51 | 15°46 | 15°10 | 3°43 | 7°19 | S 16 |
| M17 | 1 43 47 | 24° 3'27 | 2♐46 | 15°46 | 4°45 | 3°44 | 25°50 | 8°42 | 16° 9 | 0♎ 1 | 6°51 | 15°45 | 15° 7 | 3°50 | 7°25 | M17 |
| T 18 | 1 47 43 | 25° 2'46 | 14°50 | 17° 6 | 5°59 | 4°24 | 26° 2 | 8°42 | 16° 7 | 0° 3 | 6°52 | 15°44 | 15° 4 | 3°57 | 7°32 | T 18 |
| W19 | 1 51 40 | 26° 2'07 | 26°46 | 18°25 | 7°14 | 5° 4 | 26°14 | 8°43 | 16° 4 | 0° 5 | 6°52 | 15°43 | 15° 0 | 4° 3 | 7°38 | W19 |
| T 20 | 1 55 37 | 27° 1'30 | 8♑38 | 19°43 | 8°29 | 5°45 | 26°27 | 8°43 | 16° 2 | 0° 7 | 6°53 | 15°41 | 14°57 | 4°10 | 7°44 | T 20 |
| F 21 | 1 59 33 | 28° 0'55 | 20°31 | 20°59 | 9°44 | 6°25 | 26°39 | 8°44 | 16° 0 | 0° 9 | 6°53 | 15°41 | 14°54 | 4°17 | 7°51 | F 21 |
| S 22 | 2 3 30 | 29° 0'21 | 2♒29 | 22°14 | 10°58 | 7° 6 | 26°51 | 8°45 | 15°57 | 0°11 | 6°54 | 15°D41 | 14°51 | 4°23 | 7°57 | S 22 |
| S 23 | 2 7 26 | 29°59'49 | 14°36 | 23°28 | 12°13 | 7°46 | 27° 4 | 8°46 | 15°55 | 0°13 | 6°54 | 15°41 | 14°48 | 4°30 | 8° 3 | S 23 |
| M24 | 2 11 23 | 0♏59'19 | 26°57 | 24°40 | 13°28 | 8°27 | 27°16 | 8°47 | 15°53 | 0°15 | 6°54 | 15°42 | 14°45 | 4°37 | 8° 9 | M24 |
| T 25 | 2 15 19 | 1°58'51 | 9♓37 | 25°50 | 14°43 | 9° 7 | 27°29 | 8°48 | 15°50 | 0°17 | 6°55 | 15°44 | 14°41 | 4°44 | 8°15 | T 25 |
| W26 | 2 19 16 | 2°58'24 | 22°38 | 26°59 | 15°58 | 9°48 | 27°42 | 8°49 | 15°48 | 0°19 | 6°55 | 15°45 | 14°38 | 4°50 | 8°21 | W26 |
| T 27 | 2 23 12 | 3°57'59 | 6♈ 3 | 28° 5 | 17°12 | 10°28 | 27°54 | 8°51 | 15°46 | 0°21 | 6°55 | 15°46 | 14°35 | 4°57 | 8°27 | T 27 |
| F 28 | 2 27 9 | 4°57'36 | 19°51 | 29° 9 | 18°27 | 11° 9 | 28° 7 | 8°52 | 15°44 | 0°23 | 6°56 | 15°R46 | 14°32 | 5° 4 | 8°32 | F 28 |
| S 29 | 2 31 5 | 5°57'15 | 4♉ 1 | 0♐11 | 19°42 | 11°50 | 28°20 | 8°54 | 15°41 | 0°25 | 6°56 | 15°45 | 14°29 | 5°11 | 8°38 | S 29 |
| S 30 | 2 35 2 | 6°56'56 | 18°28 | 1° 9 | 20°57 | 12°31 | 28°32 | 8°56 | 15°39 | 0°27 | 6°56 | 15°43 | 14°25 | 5°17 | 8°44 | S 30 |
| M31 | 2 38 59 | 7♏56'39 | 3♊ 7 | 2♐ 5 | 22♏11 | 13♏12 | 28♏45 | 8♒57 | 15♈37 | 0♎28 | 6♌56 | 15♈41 | 14♈22 | 5♉24 | 8♍49 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s17 | 10n35 | 0n53 | 8s40 | 0s 2 | 4s43 | 1n12 | 8s34 | 0n25 | 17s38 | 0n48 | 18s44 | 0s44 | 5n56 | 0s42 | 1n16 | 1n 8 | 21n16 | 2n47 | 6n11 | 6n16 | 28s22 | 4n13 | 5s36 |
| S 2 | 3 41 | 16 34 | 2 7 | 9 21 | 0 10 | 5 13 | 1 11 | 8 50 | 0 24 | 17 41 | 0 48 | 18 44 | 0 44 | 5 55 | 0 42 | 1 15 | 1 8 | 21 16 | 2 47 | 6 11 | 6 15 | 28 22 | 4 11 | 5 36 |
| M 3 | 4 4 | 21 44 | 3 14 | 10 3 | 0 17 | 5 43 | 1 9 | 9 5 | 0 24 | 17 44 | 0 48 | 18 44 | 0 44 | 5 54 | 0 42 | 1 14 | 1 8 | 21 16 | 2 48 | 6 11 | 6 14 | 28 22 | 4 8 | 5 37 |
| T 4 | 4 27 | 25 39 | 4 10 | 10 43 | 0 24 | 6 12 | 1 8 | 9 20 | 0 23 | 17 47 | 0 48 | 18 45 | 0 44 | 5 53 | 0 42 | 1 13 | 1 8 | 21 16 | 2 48 | 6 12 | 6 12 | 28 22 | 4 5 | 5 37 |
| W 5 | 4 50 | 27 58 | 4 50 | 11 23 | 0 31 | 6 42 | 1 7 | 9 34 | 0 22 | 17 50 | 0 47 | 18 45 | 0 44 | 5 52 | 0 42 | 1 12 | 1 8 | 21 15 | 2 48 | 6 12 | 6 11 | 28 22 | 4 2 | 5 37 |
| T 6 | 5 12 | 28 26 | 5 13 | 12 3 | 0 39 | 7 11 | 1 5 | 9 49 | 0 22 | 17 53 | 0 47 | 18 45 | 0 44 | 5 51 | 0 42 | 1 11 | 1 8 | 21 15 | 2 48 | 6 12 | 6 10 | 28 22 | 4 0 | 5 37 |
| F 7 | 5 35 | 27 2 | 5 16 | 12 41 | 0 46 | 7 40 | 1 3 | 10 4 | 0 21 | 17 56 | 0 47 | 18 45 | 0 44 | 5 50 | 0 42 | 1 11 | 1 8 | 21 15 | 2 48 | 6 12 | 6 9 | 28 22 | 3 57 | 5 37 |
| S 8 | 5 58 | 23 56 | 5 0 | 13 19 | 0 53 | 8 10 | 1 2 | 10 19 | 0 21 | 17 59 | 0 47 | 18 45 | 0 44 | 5 49 | 0 42 | 1 10 | 1 8 | 21 15 | 2 48 | 6 12 | 6 7 | 28 22 | 3 54 | 5 38 |
| S 9 | 6 21 | 19 28 | 4 27 | 13 56 | 1 1 | 8 38 | 1 0 | 10 34 | 0 20 | 18 2 | 0 47 | 18 45 | 0 44 | 5 49 | 0 42 | 1 9 | 1 8 | 21 15 | 2 48 | 6 12 | 6 6 | 28 22 | 3 52 | 5 38 |
| M10 | 6 43 | 14 1 | 3 38 | 14 32 | 1 8 | 9 7 | 0 58 | 10 48 | 0 20 | 18 5 | 0 47 | 18 46 | 0 44 | 5 48 | 0 42 | 1 8 | 1 8 | 21 15 | 2 48 | 6 12 | 6 5 | 28 22 | 3 49 | 5 38 |
| T 11 | 7 6 | 7 58 | 2 38 | 15 8 | 1 15 | 9 36 | 0 57 | 11 3 | 0 19 | 18 8 | 0 47 | 18 46 | 0 44 | 5 47 | 0 42 | 1 7 | 1 8 | 21 15 | 2 49 | 6 12 | 6 4 | 28 22 | 3 46 | 5 38 |
| W12 | 7 28 | 1 38 | 1 30 | 15 42 | 1 22 | 10 4 | 0 55 | 11 18 | 0 18 | 18 11 | 0 46 | 18 46 | 0 44 | 5 46 | 0 42 | 1 6 | 1 8 | 21 15 | 2 49 | 6 12 | 6 3 | 28 23 | 3 43 | 5 38 |
| T 13 | 7 51 | 4s39 | 0 18 | 16 16 | 1 29 | 10 32 | 0 53 | 11 32 | 0 18 | 18 14 | 0 46 | 18 46 | 0 44 | 5 45 | 0 42 | 1 6 | 1 8 | 21 15 | 2 49 | 6 12 | 6 1 | 28 23 | 3 41 | 5 39 |
| F 14 | 8 13 | 10 38 | 0s53 | 16 49 | 1 36 | 11 0 | 0 51 | 11 46 | 0 17 | 18 17 | 0 46 | 18 46 | 0 44 | 5 44 | 0 42 | 1 5 | 1 8 | 21 15 | 2 49 | 6 12 | 6 0 | 28 23 | 3 38 | 5 39 |
| S 15 | 8 35 | 16 4 | 2 0 | 17 21 | 1 43 | 11 27 | 0 49 | 12 1 | 0 17 | 18 20 | 0 46 | 18 46 | 0 44 | 5 43 | 0 42 | 1 4 | 1 8 | 21 15 | 2 49 | 6 12 | 5 59 | 28 23 | 3 35 | 5 39 |
| S 16 | 8 57 | 20 45 | 3 1 | 17 52 | 1 49 | 11 55 | 0 47 | 12 15 | 0 16 | 18 23 | 0 46 | 18 46 | 0 44 | 5 42 | 0 42 | 1 3 | 1 8 | 21 15 | 2 49 | 6 12 | 5 58 | 28 22 | 3 33 | 5 40 |
| M17 | 9 19 | 24 27 | 3 52 | 18 22 | 1 56 | 12 22 | 0 45 | 12 29 | 0 16 | 18 26 | 0 46 | 18 45 | 0 44 | 5 41 | 0 42 | 1 2 | 1 8 | 21 15 | 2 49 | 6 11 | 5 56 | 28 22 | 3 30 | 5 40 |
| T 18 | 9 40 | 27 1 | 4 31 | 18 51 | 2 2 | 12 48 | 0 43 | 12 43 | 0 15 | 18 29 | 0 46 | 18 45 | 0 44 | 5 40 | 0 42 | 1 2 | 1 8 | 21 15 | 2 50 | 6 11 | 5 55 | 28 22 | 3 28 | 5 40 |
| W19 | 10 2 | 28 20 | 4 59 | 19 19 | 2 8 | 13 15 | 0 41 | 12 57 | 0 14 | 18 32 | 0 46 | 18 45 | 0 44 | 5 39 | 0 42 | 1 1 | 1 8 | 21 15 | 2 50 | 6 10 | 5 54 | 28 22 | 3 25 | 5 40 |
| T 20 | 10 23 | 28 19 | 5 14 | 19 46 | 2 14 | 13 41 | 0 39 | 13 11 | 0 14 | 18 35 | 0 45 | 18 45 | 0 44 | 5 39 | 0 42 | 1 0 | 1 8 | 21 15 | 2 50 | 6 10 | 5 53 | 28 22 | 3 22 | 5 41 |
| F 21 | 10 45 | 27 1 | 5 15 | 20 12 | 2 20 | 14 7 | 0 37 | 13 25 | 0 13 | 18 38 | 0 45 | 18 45 | 0 44 | 5 38 | 0 42 | 0 59 | 1 8 | 21 15 | 2 50 | 6 9 | 5 52 | 28 22 | 3 20 | 5 41 |
| S 22 | 11 6 | 24 28 | 5 3 | 20 37 | 2 25 | 14 32 | 0 35 | 13 39 | 0 13 | 18 41 | 0 45 | 18 45 | 0 44 | 5 37 | 0 42 | 0 58 | 1 8 | 21 15 | 2 50 | 6 9 | 5 50 | 28 22 | 3 17 | 5 41 |
| S 23 | 11 27 | 20 50 | 4 37 | 21 1 | 2 30 | 14 57 | 0 32 | 13 53 | 0 12 | 18 44 | 0 45 | 18 44 | 0 44 | 5 36 | 0 42 | 0 58 | 1 8 | 21 15 | 2 50 | 6 10 | 5 49 | 28 22 | 3 15 | 5 42 |
| M24 | 11 48 | 16 13 | 3 58 | 21 24 | 2 35 | 15 22 | 0 30 | 14 6 | 0 12 | 18 47 | 0 45 | 18 44 | 0 44 | 5 35 | 0 42 | 0 57 | 1 8 | 21 15 | 2 50 | 6 10 | 5 48 | 28 22 | 3 12 | 5 42 |
| T 25 | 12 8 | 10 49 | 3 6 | 21 45 | 2 40 | 15 46 | 0 28 | 14 20 | 0 11 | 18 50 | 0 45 | 18 44 | 0 44 | 5 34 | 0 42 | 0 56 | 1 8 | 21 15 | 2 51 | 6 11 | 5 47 | 28 22 | 3 10 | 5 42 |
| W26 | 12 29 | 4 49 | 2 4 | 22 6 | 2 44 | 16 10 | 0 26 | 14 33 | 0 10 | 18 53 | 0 45 | 18 43 | 0 44 | 5 33 | 0 42 | 0 55 | 1 9 | 21 15 | 2 51 | 6 11 | 5 45 | 28 22 | 3 7 | 5 43 |
| T 27 | 12 49 | 1n35 | 0 53 | 22 25 | 2 48 | 16 34 | 0 23 | 14 46 | 0 10 | 18 55 | 0 45 | 18 43 | 0 44 | 5 32 | 0 42 | 0 55 | 1 9 | 21 15 | 2 51 | 6 11 | 5 44 | 28 22 | 3 5 | 5 43 |
| F 28 | 13 9 | 8 6 | 0n22 | 22 42 | 2 51 | 16 57 | 0 21 | 15 0 | 0 9 | 18 58 | 0 44 | 18 43 | 0 44 | 5 32 | 0 42 | 0 54 | 1 9 | 21 15 | 2 51 | 6 11 | 5 43 | 28 22 | 3 2 | 5 43 |
| S 29 | 13 29 | 14 23 | 1 39 | 22 58 | 2 54 | 17 19 | 0 18 | 15 13 | 0 9 | 19 1 | 0 44 | 18 42 | 0 44 | 5 31 | 0 42 | 0 53 | 1 9 | 21 15 | 2 51 | 6 11 | 5 42 | 28 22 | 3 0 | 5 44 |
| S 30 | 13 48 | 20 1 | 2 50 | 23 13 | 2 56 | 17 42 | 0 16 | 15 26 | 0 8 | 19 4 | 0 44 | 18 42 | 0 44 | 5 30 | 0 42 | 0 52 | 1 9 | 21 16 | 2 51 | 6 10 | 5 40 | 28 21 | 2 57 | 5 44 |
| M31 | 14s 8 | 24n31 | 3n52 | 23s26 | 2s58 | 18s 3 | 0n14 | 15s39 | 0n 8 | 19s 7 | 0n44 | 18s41 | 0s44 | 5n29 | 0s42 | 0n52 | 1n 9 | 21n16 | 2n51 | 6n 9 | 5n39 | 28s21 | 2n55 | 5s44 |

Julian Day Number = 2609968.5, Delta T = 10m18s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'17, Lahiri = 29°55'18


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## NOVEMBER 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 42 55 | 8♏56'24 | 17♊50 | 2♐58 | 23♏26 | 13♏53 | 28♏58 | 8♒59 | 15°R35 | 0♎30 | 6♌56 | 15°R37 | 14♈19 | 5♉31 | 8♍55 | T 1 |
| W 2 | 2 46 52 | 9°56'11 | 2♋31 | 3°46 | 24°41 | 14°34 | 29°11 | 9° 1 | 15♈33 | 0°32 | 6°57 | 15♈34 | 14°16 | 5°37 | 9° 0 | W 2 |
| T 3 | 2 50 48 | 10°56'01 | 17° 3 | 4°31 | 25°56 | 15°15 | 29°24 | 9° 3 | 15°30 | 0°34 | 6°57 | 15°32 | 14°13 | 5°44 | 9° 6 | T 3 |
| F 4 | 2 54 45 | 11°55'53 | 1♌22 | 5°11 | 27°11 | 15°56 | 29°37 | 9° 5 | 15°28 | 0°36 | 6°57 | 15°30 | 14°10 | 5°51 | 9°11 | F 4 |
| S 5 | 2 58 41 | 12°55'46 | 15°25 | 5°46 | 28°25 | 16°37 | 29°50 | 9° 8 | 15°26 | 0°37 | 6°57 | 15°D30 | 14° 6 | 5°58 | 9°16 | S 5 |
| S 6 | 3 2 38 | 13°55'43 | 29°11 | 6°15 | 29°40 | 17°18 | 0♐ 3 | 9°10 | 15°24 | 0°39 | 6°57 | 15°30 | 14° 3 | 6° 4 | 9°21 | S 6 |
| M 7 | 3 6 35 | 14°55'41 | 12♍41 | 6°38 | 0♐55 | 17°59 | 0°16 | 9°12 | 15°22 | 0°41 | 6°R57 | 15°32 | 14° 0 | 6°11 | 9°26 | M 7 |
| T 8 | 3 10 31 | 15°55'41 | 25°54 | 6°54 | 2°10 | 18°40 | 0°29 | 9°15 | 15°20 | 0°43 | 6°57 | 15°34 | 13°57 | 6°18 | 9°31 | T 8 |
| W 9 | 3 14 28 | 16°55'43 | 8♎54 | 7° 3 | 3°24 | 19°22 | 0°42 | 9°18 | 15°18 | 0°44 | 6°57 | 15°35 | 13°54 | 6°24 | 9°36 | W 9 |
| T 10 | 3 18 24 | 17°55'48 | 21°41 | 7°R 4 | 4°39 | 20° 3 | 0°55 | 9°20 | 15°16 | 0°46 | 6°57 | 15°R35 | 13°51 | 6°31 | 9°41 | T 10 |
| F 11 | 3 22 21 | 18°55'54 | 4♏16 | 6°56 | 5°54 | 20°44 | 1° 8 | 9°23 | 15°14 | 0°48 | 6°57 | 15°33 | 13°47 | 6°38 | 9°46 | F 11 |
| S 12 | 3 26 17 | 19°56'03 | 16°41 | 6°39 | 7° 9 | 21°26 | 1°21 | 9°26 | 15°13 | 0°49 | 6°57 | 15°30 | 13°44 | 6°45 | 9°50 | S 12 |
| S 13 | 3 30 14 | 20°56'13 | 28°57 | 6°12 | 8°24 | 22° 7 | 1°34 | 9°29 | 15°11 | 0°51 | 6°56 | 15°25 | 13°41 | 6°51 | 9°55 | S 13 |
| M14 | 3 34 10 | 21°56'25 | 11♐ 4 | 5°35 | 9°38 | 22°49 | 1°47 | 9°32 | 15° 9 | 0°52 | 6°56 | 15°18 | 13°38 | 6°58 | 9°59 | M14 |
| T 15 | 3 38 7 | 22°56'38 | 23° 3 | 4°49 | 10°53 | 23°31 | 2° 1 | 9°35 | 15° 7 | 0°54 | 6°56 | 15°11 | 13°35 | 7° 5 | 10° 3 | T 15 |
| W16 | 3 42 4 | 23°56'54 | 4♑57 | 3°53 | 12° 8 | 24°12 | 2°14 | 9°38 | 15° 5 | 0°55 | 6°56 | 15° 4 | 13°31 | 7°12 | 10° 8 | W16 |
| T 17 | 3 46 0 | 24°57'11 | 16°48 | 2°49 | 13°23 | 24°54 | 2°27 | 9°42 | 15° 4 | 0°57 | 6°56 | 14°57 | 13°28 | 7°18 | 10°12 | T 17 |
| F 18 | 3 49 57 | 25°57'29 | 28°40 | 1°38 | 14°38 | 25°36 | 2°40 | 9°45 | 15° 2 | 0°58 | 6°55 | 14°52 | 13°25 | 7°25 | 10°16 | F 18 |
| S 19 | 3 53 53 | 26°57'49 | 10♒35 | 0°21 | 15°52 | 26°17 | 2°54 | 9°49 | 15° 0 | 1° 0 | 6°55 | 14°48 | 13°22 | 7°32 | 10°20 | S 19 |
| S 20 | 3 57 50 | 27°58'10 | 22°38 | 29♏ 1 | 17° 7 | 26°59 | 3° 7 | 9°52 | 14°59 | 1° 1 | 6°55 | 14°D47 | 13°19 | 7°38 | 10°24 | S 20 |
| M21 | 4 1 46 | 28°58'33 | 4♓55 | 27°41 | 18°22 | 27°41 | 3°20 | 9°56 | 14°57 | 1° 3 | 6°54 | 14°47 | 13°16 | 7°45 | 10°27 | M21 |
| T 22 | 4 5 43 | 29°58'56 | 17°29 | 26°23 | 19°37 | 28°23 | 3°33 | 10° 0 | 14°56 | 1° 4 | 6°54 | 14°48 | 13°12 | 7°52 | 10°31 | T 22 |
| W23 | 4 9 39 | 0♐59'22 | 0♈26 | 25° 9 | 20°52 | 29° 5 | 3°47 | 10° 4 | 14°54 | 1° 5 | 6°54 | 14°49 | 13° 9 | 7°59 | 10°35 | W23 |
| T 24 | 4 13 36 | 1°59'48 | 13°50 | 24° 2 | 22° 6 | 29°47 | 4° 0 | 10° 8 | 14°53 | 1° 7 | 6°53 | 14°R50 | 13° 6 | 8° 5 | 10°38 | T 24 |
| F 25 | 4 17 33 | 3° 0'16 | 27°41 | 23° 4 | 23°21 | 0♐29 | 4°13 | 10°12 | 14°52 | 1° 8 | 6°53 | 14°49 | 13° 3 | 8°12 | 10°41 | F 25 |
| S 26 | 4 21 29 | 4° 0'45 | 12♉ 0 | 22°16 | 24°36 | 1°11 | 4°27 | 10°16 | 14°50 | 1° 9 | 6°52 | 14°46 | 13° 0 | 8°19 | 10°45 | S 26 |
| S 27 | 4 25 26 | 5° 1'16 | 26°44 | 21°40 | 25°51 | 1°53 | 4°40 | 10°20 | 14°49 | 1°10 | 6°52 | 14°41 | 12°57 | 8°25 | 10°48 | S 27 |
| M28 | 4 29 22 | 6° 1'48 | 11♊45 | 21°15 | 27° 5 | 2°36 | 4°53 | 10°24 | 14°48 | 1°11 | 6°51 | 14°34 | 12°53 | 8°32 | 10°51 | M28 |
| T 29 | 4 33 19 | 7° 2'22 | 26°54 | 21° 2 | 28°20 | 3°18 | 5° 7 | 10°29 | 14°46 | 1°13 | 6°51 | 14°26 | 12°50 | 8°39 | 10°54 | T 29 |
| W30 | 4 37 15 | 8♐ 2'57 | 12♋ 1 | 21°D 0 | 29♐35 | 4♐ 0 | 5♐20 | 10♒33 | 14♈45 | 1♎14 | 6♌50 | 14♈17 | 12♈47 | 8♉46 | 10♍57 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s27 | 27n26 | 4n38 | 23s38 | 2s59 | 18s25 | 0n11 | 15s51 | 0n 7 | 19s10 | 0n44 | 18s41 | 0s44 | 5n28 | 0s42 | 0n51 | 1n 9 | 21n16 | 2n52 | 6n 8 | 5n38 | 28s21 | 2n53 | 5s45 |
| W 2 | 14 46 | 28 27 | 5 6 | 23 48 | 3 0 | 18 45 | 0 9 | 16 4 | 0 6 | 19 13 | 0 44 | 18 40 | 0 44 | 5 27 | 0 42 | 0 50 | 1 9 | 21 16 | 2 52 | 6 7 | 5 37 | 28 21 | 2 50 | 5 45 |
| T 3 | 15 4 | 27 29 | 5 14 | 23 56 | 3 0 | 19 6 | 0 6 | 16 17 | 0 6 | 19 16 | 0 44 | 18 40 | 0 44 | 5 27 | 0 42 | 0 50 | 1 9 | 21 16 | 2 52 | 6 6 | 5 36 | 28 21 | 2 48 | 5 45 |
| F 4 | 15 23 | 24 43 | 5 2 | 24 3 | 2 59 | 19 25 | 0 4 | 16 29 | 0 5 | 19 19 | 0 44 | 18 39 | 0 44 | 5 26 | 0 42 | 0 49 | 1 9 | 21 16 | 2 52 | 6 5 | 5 34 | 28 21 | 2 46 | 5 46 |
| S 5 | 15 41 | 20 30 | 4 32 | 24 7 | 2 57 | 19 45 | 0 1 | 16 41 | 0 5 | 19 21 | 0 44 | 18 39 | 0 44 | 5 25 | 0 42 | 0 48 | 1 9 | 21 16 | 2 52 | 6 5 | 5 33 | 28 20 | 2 43 | 5 46 |
| S 6 | 15 59 | 15 17 | 3 47 | 24 10 | 2 54 | 20 3 | 0s 1 | 16 54 | 0 4 | 19 24 | 0 44 | 18 38 | 0 44 | 5 24 | 0 42 | 0 48 | 1 9 | 21 16 | 2 52 | 6 5 | 5 32 | 28 20 | 2 41 | 5 47 |
| M 7 | 16 17 | 9 25 | 2 50 | 24 10 | 2 50 | 20 22 | 0 4 | 17 6 | 0 4 | 19 27 | 0 43 | 18 37 | 0 44 | 5 24 | 0 42 | 0 47 | 1 9 | 21 16 | 2 52 | 6 6 | 5 31 | 28 20 | 2 39 | 5 47 |
| T 8 | 16 34 | 3 14 | 1 46 | 24 8 | 2 45 | 20 39 | 0 6 | 17 18 | 0 3 | 19 30 | 0 43 | 18 37 | 0 44 | 5 23 | 0 42 | 0 46 | 1 9 | 21 17 | 2 53 | 6 7 | 5 29 | 28 20 | 2 37 | 5 47 |
| W 9 | 16 51 | 2s58 | 0 36 | 24 3 | 2 39 | 20 56 | 0 9 | 17 29 | 0 2 | 19 33 | 0 43 | 18 36 | 0 44 | 5 22 | 0 42 | 0 46 | 1 9 | 21 17 | 2 53 | 6 7 | 5 28 | 28 20 | 2 35 | 5 48 |
| T 10 | 17 8 | 8 57 | 0s33 | 23 55 | 2 31 | 21 13 | 0 12 | 17 41 | 0 2 | 19 35 | 0 43 | 18 35 | 0 44 | 5 21 | 0 42 | 0 45 | 1 9 | 21 17 | 2 53 | 6 7 | 5 27 | 28 19 | 2 32 | 5 48 |
| F 11 | 17 25 | 14 29 | 1 40 | 23 45 | 2 22 | 21 28 | 0 14 | 17 53 | 0 1 | 19 38 | 0 43 | 18 35 | 0 44 | 5 21 | 0 42 | 0 44 | 1 9 | 21 17 | 2 53 | 6 7 | 5 26 | 28 19 | 2 30 | 5 49 |
| S 12 | 17 41 | 19 22 | 2 41 | 23 31 | 2 11 | 21 44 | 0 17 | 18 4 | 0 1 | 19 41 | 0 43 | 18 34 | 0 44 | 5 20 | 0 42 | 0 44 | 1 9 | 21 17 | 2 53 | 6 5 | 5 24 | 28 19 | 2 28 | 5 49 |
| S 13 | 17 57 | 23 21 | 3 34 | 23 14 | 1 58 | 21 58 | 0 19 | 18 15 | 0 0 | 19 44 | 0 43 | 18 33 | 0 44 | 5 19 | 0 42 | 0 43 | 1 9 | 21 17 | 2 53 | 6 3 | 5 23 | 28 19 | 2 26 | 5 49 |
| M14 | 18 13 | 26 17 | 4 16 | 22 54 | 1 44 | 22 12 | 0 22 | 18 27 | 0s 1 | 19 46 | 0 43 | 18 32 | 0 44 | 5 19 | 0 42 | 0 43 | 1 9 | 21 18 | 2 53 | 6 1 | 5 22 | 28 18 | 2 24 | 5 50 |
| T 15 | 18 28 | 27 59 | 4 47 | 22 30 | 1 29 | 22 26 | 0 24 | 18 38 | 0 1 | 19 49 | 0 43 | 18 31 | 0 44 | 5 18 | 0 42 | 0 42 | 1 9 | 21 18 | 2 54 | 5 58 | 5 21 | 28 18 | 2 22 | 5 50 |
| W16 | 18 43 | 28 22 | 5 4 | 22 3 | 1 11 | 22 38 | 0 27 | 18 48 | 0 2 | 19 52 | 0 43 | 18 30 | 0 44 | 5 17 | 0 42 | 0 42 | 1 9 | 21 18 | 2 54 | 5 55 | 5 20 | 28 18 | 2 20 | 5 51 |
| T 17 | 18 58 | 27 26 | 5 9 | 21 32 | 0 53 | 22 50 | 0 29 | 18 59 | 0 2 | 19 54 | 0 43 | 18 30 | 0 44 | 5 17 | 0 42 | 0 41 | 1 9 | 21 18 | 2 54 | 5 53 | 5 18 | 28 18 | 2 18 | 5 51 |
| F 18 | 19 12 | 25 17 | 5 0 | 20 59 | 0 33 | 23 2 | 0 32 | 19 10 | 0 3 | 19 57 | 0 43 | 18 29 | 0 44 | 5 16 | 0 42 | 0 40 | 1 9 | 21 18 | 2 54 | 5 51 | 5 17 | 28 17 | 2 16 | 5 52 |
| S 19 | 19 26 | 22 1 | 4 39 | 20 23 | 0 13 | 23 12 | 0 34 | 19 20 | 0 4 | 20 0 | 0 42 | 18 28 | 0 44 | 5 15 | 0 42 | 0 40 | 1 9 | 21 19 | 2 54 | 5 49 | 5 16 | 28 17 | 2 14 | 5 52 |
| S 20 | 19 40 | 17 47 | 4 5 | 19 46 | 0n 8 | 23 22 | 0 37 | 19 30 | 0 4 | 20 2 | 0 42 | 18 27 | 0 44 | 5 15 | 0 42 | 0 39 | 1 9 | 21 19 | 2 54 | 5 49 | 5 15 | 28 17 | 2 12 | 5 53 |
| M21 | 19 53 | 12 46 | 3 19 | 19 9 | 0 28 | 23 32 | 0 39 | 19 41 | 0 5 | 20 5 | 0 42 | 18 26 | 0 44 | 5 14 | 0 42 | 0 39 | 1 9 | 21 19 | 2 54 | 5 49 | 5 13 | 28 16 | 2 11 | 5 53 |
| T 22 | 20 6 | 7 7 | 2 22 | 18 31 | 0 48 | 23 40 | 0 42 | 19 50 | 0 5 | 20 8 | 0 42 | 18 25 | 0 44 | 5 14 | 0 42 | 0 38 | 1 9 | 21 19 | 2 55 | 5 49 | 5 12 | 28 16 | 2 9 | 5 53 |
| W23 | 20 19 | 1 0 | 1 17 | 17 56 | 1 7 | 23 48 | 0 44 | 20 0 | 0 6 | 20 10 | 0 42 | 18 24 | 0 44 | 5 13 | 0 42 | 0 38 | 1 10 | 21 19 | 2 55 | 5 50 | 5 11 | 28 16 | 2 7 | 5 54 |
| T 24 | 20 31 | 5n22 | 0 5 | 17 23 | 1 24 | 23 55 | 0 46 | 20 10 | 0 6 | 20 13 | 0 42 | 18 23 | 0 44 | 5 13 | 0 42 | 0 37 | 1 10 | 21 20 | 2 55 | 5 50 | 5 10 | 28 15 | 2 5 | 5 54 |
| F 25 | 20 43 | 11 42 | 1n 9 | 16 54 | 1 39 | 24 2 | 0 49 | 20 19 | 0 7 | 20 15 | 0 42 | 18 22 | 0 44 | 5 12 | 0 42 | 0 37 | 1 10 | 21 20 | 2 55 | 5 50 | 5 8 | 28 15 | 2 4 | 5 55 |
| S 26 | 20 54 | 17 38 | 2 21 | 16 29 | 1 53 | 24 8 | 0 51 | 20 29 | 0 8 | 20 18 | 0 42 | 18 20 | 0 44 | 5 12 | 0 41 | 0 37 | 1 10 | 21 20 | 2 55 | 5 48 | 5 7 | 28 15 | 2 2 | 5 55 |
| S 27 | 21 5 | 22 43 | 3 26 | 16 8 | 2 4 | 24 13 | 0 53 | 20 38 | 0 8 | 20 20 | 0 42 | 18 19 | 0 44 | 5 11 | 0 41 | 0 36 | 1 10 | 21 20 | 2 55 | 5 46 | 5 6 | 28 14 | 2 0 | 5 56 |
| M28 | 21 16 | 26 23 | 4 17 | 15 53 | 2 14 | 24 17 | 0 56 | 20 47 | 0 9 | 20 23 | 0 42 | 18 18 | 0 44 | 5 11 | 0 41 | 0 36 | 1 10 | 21 21 | 2 55 | 5 44 | 5 5 | 28 14 | 1 59 | 5 56 |
| T 29 | 21 26 | 28 12 | 4 51 | 15 43 | 2 21 | 24 20 | 0 58 | 20 55 | 0 9 | 20 25 | 0 42 | 18 17 | 0 44 | 5 10 | 0 41 | 0 35 | 1 10 | 21 21 | 2 55 | 5 41 | 5 4 | 28 13 | 1 57 | 5 57 |
| W30 | 21s36 | 27n55 | 5n 5 | 15s37 | 2n26 | 24s23 | 1s 0 | 21s 4 | 0s10 | 20s27 | 0n42 | 18s16 | 0s44 | 5n10 | 0s41 | 0n35 | 1n10 | 21n21 | 2n56 | 5n37 | 5n 2 | 28s13 | 1n56 | 5s57 |

Julian Day Number = 2609999.5, Delta T = 10m19s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'21, Lahiri = 29°55'22


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# ASTRODIENST EPHEMERIS for the year 2433
# geocentric

## DECEMBER 2433 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 41 12 | 9♐ 3'34 | 26♋56 | 21♏ 9 | 0♑49 | 4♐43 | 5♐33 | 10♒37 | 14°R44 | 1♎15 | 6°R50 | 14°R10 | 12♈44 | 8♑52 | 10♍59 | T 1 |
| F 2 | 4 45 8 | 10° 4'13 | 11♌32 | 21°28 | 2° 4 | 5°25 | 5°46 | 10°42 | 14♈43 | 1°16 | 6♌49 | 14♈ 5 | 12°41 | 8°59 | 11° 2 | F 2 |
| S 3 | 4 49 5 | 11° 4'53 | 25°44 | 21°56 | 3°19 | 6° 8 | 6° 0 | 10°47 | 14°42 | 1°17 | 6°48 | 14° 1 | 12°38 | 9° 6 | 11° 5 | S 3 |
| S 4 | 4 53 2 | 12° 5'34 | 9♍31 | 22°32 | 4°34 | 6°50 | 6°13 | 10°51 | 14°41 | 1°18 | 6°48 | 14°D 0 | 12°34 | 9°13 | 11° 7 | S 4 |
| M 5 | 4 56 58 | 13° 6'17 | 22°55 | 23°15 | 5°48 | 7°33 | 6°26 | 10°56 | 14°40 | 1°19 | 6°47 | 14° 0 | 12°31 | 9°19 | 11° 9 | M 5 |
| T 6 | 5 0 55 | 14° 7'02 | 5♎57 | 24° 5 | 7° 3 | 8°15 | 6°40 | 11° 1 | 14°39 | 1°20 | 6°46 | 14° 1 | 12°28 | 9°26 | 11°12 | T 6 |
| W 7 | 5 4 51 | 15° 7'48 | 18°42 | 25° 0 | 8°18 | 8°58 | 6°53 | 11° 6 | 14°38 | 1°21 | 6°46 | 14°R 1 | 12°25 | 9°33 | 11°14 | W 7 |
| T 8 | 5 8 48 | 16° 8'36 | 1♏13 | 26° 1 | 9°32 | 9°41 | 7° 6 | 11°11 | 14°37 | 1°22 | 6°45 | 14° 0 | 12°22 | 9°39 | 11°16 | T 8 |
| F 9 | 5 12 44 | 17° 9'25 | 13°32 | 27° 6 | 10°47 | 10°23 | 7°19 | 11°16 | 14°37 | 1°22 | 6°44 | 13°56 | 12°18 | 9°46 | 11°18 | F 9 |
| S 10 | 5 16 41 | 18°10'16 | 25°43 | 28°14 | 12° 2 | 11° 6 | 7°33 | 11°21 | 14°36 | 1°23 | 6°43 | 13°49 | 12°15 | 9°53 | 11°19 | S 10 |
| S 11 | 5 20 37 | 19°11'08 | 7♐47 | 29°26 | 13°16 | 11°49 | 7°46 | 11°26 | 14°35 | 1°24 | 6°42 | 13°39 | 12°12 | 10° 0 | 11°21 | S 11 |
| M12 | 5 24 34 | 20°12'01 | 19°46 | 0♐41 | 14°31 | 12°32 | 7°59 | 11°32 | 14°35 | 1°25 | 6°42 | 13°27 | 12° 9 | 10° 6 | 11°23 | M12 |
| T 13 | 5 28 31 | 21°12'55 | 1♑41 | 1°58 | 15°46 | 13°15 | 8°12 | 11°37 | 14°34 | 1°25 | 6°41 | 13°13 | 12° 6 | 10°13 | 11°24 | T 13 |
| W14 | 5 32 27 | 22°13'50 | 13°33 | 3°17 | 17° 0 | 13°58 | 8°25 | 11°42 | 14°34 | 1°26 | 6°40 | 13° 0 | 12° 3 | 10°20 | 11°25 | W14 |
| T 15 | 5 36 24 | 23°14'46 | 25°24 | 4°38 | 18°15 | 14°41 | 8°39 | 11°48 | 14°33 | 1°27 | 6°39 | 12°47 | 11°59 | 10°27 | 11°27 | T 15 |
| F 16 | 5 40 20 | 24°15'42 | 7♒16 | 6° 0 | 19°30 | 15°24 | 8°52 | 11°53 | 14°33 | 1°27 | 6°38 | 12°36 | 11°56 | 10°33 | 11°28 | F 16 |
| S 17 | 5 44 17 | 25°16'40 | 19°12 | 7°24 | 20°44 | 16° 7 | 9° 5 | 11°59 | 14°32 | 1°28 | 6°37 | 12°27 | 11°53 | 10°40 | 11°29 | S 17 |
| S 18 | 5 48 13 | 26°17'38 | 1♓14 | 8°49 | 21°59 | 16°50 | 9°18 | 12° 5 | 14°32 | 1°29 | 6°36 | 12°22 | 11°50 | 10°47 | 11°29 | S 18 |
| M19 | 5 52 10 | 27°18'36 | 13°27 | 10°15 | 23°14 | 17°34 | 9°31 | 12°10 | 14°32 | 1°29 | 6°35 | 12°19 | 11°47 | 10°53 | 11°30 | M19 |
| T 20 | 5 56 7 | 28°19'36 | 25°56 | 11°41 | 24°28 | 18°17 | 9°44 | 12°16 | 14°32 | 1°30 | 6°34 | 12°D18 | 11°44 | 11° 0 | 11°31 | T 20 |
| W21 | 6 0 3 | 29°20'35 | 8♈45 | 13° 9 | 25°43 | 19° 0 | 9°57 | 12°22 | 14°31 | 1°30 | 6°33 | 12°R18 | 11°40 | 11° 7 | 11°31 | W21 |
| T 22 | 6 4 0 | 0♑21'35 | 21°59 | 14°37 | 26°57 | 19°44 | 10°10 | 12°28 | 14°31 | 1°30 | 6°32 | 12°18 | 11°37 | 11°14 | 11°32 | T 22 |
| F 23 | 6 7 56 | 1°22'36 | 5♉42 | 16° 5 | 28°12 | 20°27 | 10°23 | 12°34 | 14°D31 | 1°31 | 6°31 | 12°16 | 11°34 | 11°20 | 11°32 | F 23 |
| S 24 | 6 11 53 | 2°23'37 | 19°55 | 17°34 | 29°26 | 21°10 | 10°36 | 12°40 | 14°31 | 1°31 | 6°30 | 12°12 | 11°31 | 11°27 | 11°32 | S 24 |
| S 25 | 6 15 49 | 3°24'39 | 4♊37 | 19° 4 | 0♒41 | 21°54 | 10°49 | 12°46 | 14°31 | 1°31 | 6°29 | 12° 5 | 11°28 | 11°34 | 11°R32 | S 25 |
| M26 | 6 19 46 | 4°25'41 | 19°42 | 20°34 | 1°55 | 22°37 | 11° 1 | 12°52 | 14°31 | 1°32 | 6°28 | 11°56 | 11°24 | 11°41 | 11°32 | M26 |
| T 27 | 6 23 42 | 5°26'44 | 5♋ 2 | 22° 4 | 3°10 | 23°21 | 11°14 | 12°58 | 14°32 | 1°32 | 6°27 | 11°44 | 11°21 | 11°47 | 11°32 | T 27 |
| W28 | 6 27 39 | 6°27'47 | 20°25 | 23°35 | 4°24 | 24° 5 | 11°27 | 13° 4 | 14°32 | 1°32 | 6°26 | 11°33 | 11°18 | 11°54 | 11°32 | W28 |
| T 29 | 6 31 36 | 7°28'51 | 5♌38 | 25° 6 | 5°39 | 24°48 | 11°40 | 13°10 | 14°32 | 1°32 | 6°25 | 11°22 | 11°15 | 12° 1 | 11°31 | T 29 |
| F 30 | 6 35 32 | 8°29'55 | 20°32 | 26°37 | 6°53 | 25°32 | 11°52 | 13°17 | 14°32 | 1°32 | 6°23 | 11°14 | 11°12 | 12° 7 | 11°31 | F 30 |
| S 31 | 6 39 29 | 9♑31'00 | 5♍ 0 | 28♐ 9 | 8♒ 7 | 26♐16 | 12♐ 5 | 13♒23 | 14♈33 | 1♎33 | 6♌22 | 11♈ 8 | 11♈ 9 | 12♑14 | 11♍30 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s46 | 25n36 | 4n58 | 15s36 | 2n30 | 24s25 | 1s 2 | 21s12 | 0s11 | 20s30 | 0n42 | 18s15 | 0s44 | 5n10 | 0s41 | 0n34 | 1n10 | 21n22 | 2n56 | 5n34 | 5n 1 | 28s13 | 1n54 | 5s58 |
| F 2 | 21 55 | 21 38 | 4 31 | 15 39 | 2 32 | 24 27 | 1 4 | 21 20 | 0 11 | 20 32 | 0 42 | 18 13 | 0 44 | 5 9 | 0 41 | 0 34 | 1 10 | 21 22 | 2 56 | 5 32 | 5 0 | 28 12 | 1 53 | 5 58 |
| S 3 | 22 3 | 16 30 | 3 49 | 15 45 | 2 32 | 24 27 | 1 7 | 21 29 | 0 12 | 20 35 | 0 42 | 18 12 | 0 44 | 5 9 | 0 41 | 0 34 | 1 10 | 21 22 | 2 56 | 5 31 | 4 59 | 28 12 | 1 51 | 5 59 |
| S 4 | 22 11 | 10 40 | 2 54 | 15 55 | 2 32 | 24 27 | 1 9 | 21 36 | 0 12 | 20 37 | 0 41 | 18 11 | 0 44 | 5 8 | 0 41 | 0 33 | 1 10 | 21 22 | 2 56 | 5 31 | 4 57 | 28 11 | 1 50 | 5 59 |
| M 5 | 22 19 | 4 30 | 1 50 | 16 8 | 2 30 | 24 26 | 1 11 | 21 44 | 0 13 | 20 39 | 0 41 | 18 10 | 0 44 | 5 8 | 0 41 | 0 33 | 1 10 | 21 23 | 2 56 | 5 31 | 4 56 | 28 11 | 1 49 | 6 0 |
| T 6 | 22 27 | 1s42 | 0 43 | 16 23 | 2 27 | 24 25 | 1 13 | 21 51 | 0 14 | 20 42 | 0 41 | 18 8 | 0 44 | 5 8 | 0 41 | 0 33 | 1 10 | 21 23 | 2 56 | 5 31 | 4 55 | 28 11 | 1 47 | 6 0 |
| W 7 | 22 33 | 7 42 | 0s25 | 16 39 | 2 23 | 24 22 | 1 15 | 21 59 | 0 14 | 20 44 | 0 41 | 18 7 | 0 44 | 5 7 | 0 41 | 0 32 | 1 10 | 21 23 | 2 57 | 5 31 | 4 54 | 28 10 | 1 46 | 6 1 |
| T 8 | 22 40 | 13 17 | 1 30 | 16 58 | 2 19 | 24 19 | 1 17 | 22 6 | 0 15 | 20 46 | 0 41 | 18 6 | 0 44 | 5 7 | 0 41 | 0 32 | 1 10 | 21 24 | 2 57 | 5 30 | 4 52 | 28 10 | 1 45 | 6 1 |
| F 9 | 22 46 | 18 15 | 2 30 | 17 18 | 2 14 | 24 15 | 1 18 | 22 13 | 0 15 | 20 48 | 0 41 | 18 4 | 0 44 | 5 7 | 0 41 | 0 32 | 1 10 | 21 24 | 2 57 | 5 29 | 4 51 | 28 9 | 1 44 | 6 2 |
| S 10 | 22 52 | 22 25 | 3 22 | 17 38 | 2 8 | 24 10 | 1 20 | 22 19 | 0 16 | 20 51 | 0 41 | 18 3 | 0 44 | 5 7 | 0 41 | 0 31 | 1 10 | 21 24 | 2 57 | 5 26 | 4 50 | 28 9 | 1 43 | 6 2 |
| S 11 | 22 57 | 25 35 | 4 5 | 18 0 | 2 2 | 24 5 | 1 22 | 22 26 | 0 17 | 20 53 | 0 41 | 18 1 | 0 44 | 5 6 | 0 41 | 0 31 | 1 10 | 21 25 | 2 57 | 5 22 | 4 49 | 28 8 | 1 42 | 6 3 |
| M12 | 23 1 | 27 35 | 4 36 | 18 22 | 1 56 | 23 59 | 1 24 | 22 32 | 0 17 | 20 55 | 0 41 | 18 0 | 0 44 | 5 6 | 0 41 | 0 31 | 1 10 | 21 25 | 2 57 | 5 18 | 4 47 | 28 8 | 1 40 | 6 3 |
| T 13 | 23 6 | 28 17 | 4 55 | 18 44 | 1 49 | 23 52 | 1 25 | 22 38 | 0 18 | 20 57 | 0 41 | 17 58 | 0 45 | 5 6 | 0 41 | 0 31 | 1 10 | 21 25 | 2 57 | 5 13 | 4 46 | 28 7 | 1 39 | 6 4 |
| W14 | 23 9 | 27 41 | 5 1 | 19 6 | 1 42 | 23 45 | 1 27 | 22 44 | 0 18 | 20 59 | 0 41 | 17 57 | 0 45 | 5 6 | 0 41 | 0 30 | 1 10 | 21 26 | 2 57 | 5 7 | 4 45 | 28 7 | 1 38 | 6 4 |
| T 15 | 23 13 | 25 49 | 4 54 | 19 28 | 1 35 | 23 36 | 1 29 | 22 49 | 0 19 | 21 1 | 0 41 | 17 55 | 0 45 | 5 6 | 0 41 | 0 30 | 1 11 | 21 26 | 2 58 | 5 2 | 4 44 | 28 6 | 1 38 | 6 5 |
| F 16 | 23 16 | 22 50 | 4 34 | 19 49 | 1 28 | 23 27 | 1 30 | 22 55 | 0 20 | 21 3 | 0 41 | 17 54 | 0 45 | 5 6 | 0 41 | 0 30 | 1 11 | 21 26 | 2 58 | 4 58 | 4 43 | 28 6 | 1 37 | 6 5 |
| S 17 | 23 18 | 18 52 | 4 2 | 20 11 | 1 20 | 23 18 | 1 31 | 23 0 | 0 20 | 21 5 | 0 41 | 17 52 | 0 45 | 5 6 | 0 41 | 0 30 | 1 11 | 21 27 | 2 58 | 4 55 | 4 41 | 28 5 | 1 36 | 6 6 |
| S 18 | 23 20 | 14 7 | 3 19 | 20 31 | 1 13 | 23 7 | 1 33 | 23 5 | 0 21 | 21 7 | 0 41 | 17 51 | 0 45 | 5 5 | 0 41 | 0 30 | 1 11 | 21 27 | 2 58 | 4 53 | 4 40 | 28 5 | 1 35 | 6 6 |
| M19 | 23 21 | 8 45 | 2 26 | 20 52 | 1 5 | 22 56 | 1 34 | 23 10 | 0 21 | 21 9 | 0 41 | 17 49 | 0 45 | 5 5 | 0 41 | 0 30 | 1 11 | 21 27 | 2 58 | 4 51 | 4 39 | 28 4 | 1 34 | 6 7 |
| T 20 | 23 22 | 2 56 | 1 26 | 21 11 | 0 57 | 22 45 | 1 35 | 23 14 | 0 22 | 21 11 | 0 41 | 17 48 | 0 45 | 5 5 | 0 41 | 0 29 | 1 11 | 21 28 | 2 58 | 4 51 | 4 38 | 28 3 | 1 34 | 6 7 |
| W21 | 23 23 | 3n10 | 0 19 | 21 30 | 0 50 | 22 32 | 1 37 | 23 18 | 0 23 | 21 13 | 0 41 | 17 46 | 0 45 | 5 5 | 0 41 | 0 29 | 1 11 | 21 28 | 2 58 | 4 51 | 4 36 | 28 3 | 1 33 | 6 8 |
| T 22 | 23 23 | 9 20 | 0n51 | 21 48 | 0 42 | 22 19 | 1 38 | 23 22 | 0 23 | 21 15 | 0 41 | 17 44 | 0 45 | 5 5 | 0 41 | 0 29 | 1 11 | 21 28 | 2 58 | 4 51 | 4 35 | 28 2 | 1 32 | 6 8 |
| F 23 | 23 23 | 15 17 | 2 0 | 22 5 | 0 35 | 22 5 | 1 39 | 23 26 | 0 24 | 21 17 | 0 41 | 17 43 | 0 45 | 5 5 | 0 41 | 0 29 | 1 11 | 21 29 | 2 59 | 4 50 | 4 34 | 28 2 | 1 32 | 6 9 |
| S 24 | 23 22 | 20 39 | 3 5 | 22 21 | 0 27 | 21 51 | 1 40 | 23 30 | 0 24 | 21 19 | 0 41 | 17 41 | 0 45 | 5 5 | 0 40 | 0 29 | 1 11 | 21 29 | 2 59 | 4 49 | 4 33 | 28 1 | 1 31 | 6 9 |
| S 25 | 23 20 | 24 56 | 3 59 | 22 37 | 0 19 | 21 36 | 1 41 | 23 33 | 0 25 | 21 21 | 0 41 | 17 39 | 0 45 | 5 5 | 0 40 | 0 29 | 1 11 | 21 30 | 2 59 | 4 46 | 4 31 | 28 1 | 1 31 | 6 10 |
| M26 | 23 19 | 27 36 | 4 38 | 22 51 | 0 12 | 21 20 | 1 41 | 23 36 | 0 26 | 21 23 | 0 41 | 17 38 | 0 45 | 5 6 | 0 40 | 0 29 | 1 11 | 21 30 | 2 59 | 4 42 | 4 30 | 28 0 | 1 30 | 6 10 |
| T 27 | 23 16 | 28 15 | 4 58 | 23 4 | 0 5 | 21 4 | 1 42 | 23 39 | 0 26 | 21 24 | 0 41 | 17 36 | 0 45 | 5 6 | 0 40 | 0 29 | 1 11 | 21 30 | 2 59 | 4 38 | 4 29 | 27 59 | 1 30 | 6 11 |
| W28 | 23 14 | 26 43 | 4 56 | 23 16 | 0s 3 | 20 47 | 1 43 | 23 42 | 0 27 | 21 26 | 0 40 | 17 34 | 0 45 | 5 6 | 0 40 | 0 29 | 1 11 | 21 31 | 2 59 | 4 33 | 4 28 | 27 59 | 1 30 | 6 11 |
| T 29 | 23 10 | 23 14 | 4 34 | 23 27 | 0 10 | 20 29 | 1 44 | 23 44 | 0 27 | 21 28 | 0 40 | 17 33 | 0 45 | 5 6 | 0 40 | 0 29 | 1 11 | 21 31 | 2 59 | 4 29 | 4 26 | 27 58 | 1 29 | 6 12 |
| F 30 | 23 7 | 18 17 | 3 53 | 23 37 | 0 17 | 20 11 | 1 44 | 23 47 | 0 28 | 21 30 | 0 40 | 17 31 | 0 45 | 5 6 | 0 40 | 0 29 | 1 11 | 21 32 | 2 59 | 4 26 | 4 25 | 27 57 | 1 29 | 6 12 |
| S 31 | 23s 3 | 12n25 | 2n58 | 23s46 | 0s24 | 19s53 | 1s45 | 23s48 | 0s29 | 21s31 | 0n40 | 17s29 | 0s45 | 5n 6 | 0s40 | 0n29 | 1n11 | 21n32 | 2n59 | 4n24 | 4n24 | 27s57 | 1n29 | 6s13 |

Julian Day Number = 2610029.5, Delta T = 10m19s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'25, Lahiri = 29°55'27


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## JANUARY 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 43 25 | 10♑32'05 | 18♍59 | 29♐40 | 9♒22 | 27♐ 0 | 12♐17 | 13♒29 | 14♈33 | 1♎33 | 6°R21 | 11°R 5 | 11♈ 5 | 12♑21 | 11°R29 | S 1 |
| M 2 | 6 47 22 | 11°33'11 | 2♎29 | 1♑13 | 10°36 | 27°44 | 12°30 | 13°36 | 14°34 | 1°R33 | 6♌20 | 11♈ 4 | 11° 2 | 12°28 | 11♍29 | M 2 |
| T 3 | 6 51 18 | 12°34'18 | 15°32 | 2°45 | 11°50 | 28°28 | 12°42 | 13°42 | 14°34 | 1°33 | 6°19 | 11° 4 | 10°59 | 12°34 | 11°28 | T 3 |
| W 4 | 6 55 15 | 13°35'25 | 28°14 | 4°18 | 13° 5 | 29°12 | 12°55 | 13°49 | 14°35 | 1°33 | 6°18 | 11° 3 | 10°56 | 12°41 | 11°27 | W 4 |
| T 5 | 6 59 11 | 14°36'33 | 10♏38 | 5°50 | 14°19 | 29°56 | 13° 7 | 13°55 | 14°35 | 1°32 | 6°16 | 11° 1 | 10°53 | 12°48 | 11°25 | T 5 |
| F 6 | 7 3 8 | 15°37'42 | 22°49 | 7°24 | 15°33 | 0♑40 | 13°19 | 14° 2 | 14°36 | 1°32 | 6°15 | 10°57 | 10°50 | 12°54 | 11°24 | F 6 |
| S 7 | 7 7 5 | 16°38'51 | 4♐51 | 8°57 | 16°47 | 1°24 | 13°32 | 14° 8 | 14°37 | 1°32 | 6°14 | 10°49 | 10°46 | 13° 1 | 11°23 | S 7 |
| S 8 | 7 11 1 | 17°40'00 | 16°47 | 10°31 | 18° 1 | 2° 8 | 13°44 | 14°15 | 14°38 | 1°32 | 6°13 | 10°38 | 10°43 | 13° 8 | 11°21 | S 8 |
| M 9 | 7 14 58 | 18°41'09 | 28°40 | 12° 5 | 19°16 | 2°52 | 13°56 | 14°21 | 14°38 | 1°32 | 6°11 | 10°25 | 10°40 | 13°15 | 11°20 | M 9 |
| T 10 | 7 18 54 | 19°42'19 | 10♑32 | 13°40 | 20°30 | 3°36 | 14° 8 | 14°28 | 14°39 | 1°32 | 6°10 | 10°10 | 10°37 | 13°21 | 11°18 | T 10 |
| W11 | 7 22 51 | 20°43'29 | 22°24 | 15°15 | 21°44 | 4°21 | 14°20 | 14°35 | 14°40 | 1°31 | 6° 9 | 9°55 | 10°34 | 13°28 | 11°16 | W11 |
| T 12 | 7 26 47 | 21°44'38 | 4♒18 | 16°50 | 22°58 | 5° 5 | 14°32 | 14°42 | 14°41 | 1°31 | 6° 8 | 9°41 | 10°30 | 13°35 | 11°14 | T 12 |
| F 13 | 7 30 44 | 22°45'48 | 16°14 | 18°25 | 24°12 | 5°49 | 14°44 | 14°48 | 14°42 | 1°31 | 6° 6 | 9°28 | 10°27 | 13°42 | 11°12 | F 13 |
| S 14 | 7 34 41 | 23°46'57 | 28°15 | 20° 1 | 25°26 | 6°34 | 14°56 | 14°55 | 14°43 | 1°30 | 6° 5 | 9°19 | 10°24 | 13°48 | 11°10 | S 14 |
| S 15 | 7 38 37 | 24°48'06 | 10♓23 | 21°38 | 26°40 | 7°18 | 15° 7 | 15° 2 | 14°44 | 1°30 | 6° 4 | 9°12 | 10°21 | 13°55 | 11° 8 | S 15 |
| M16 | 7 42 34 | 25°49'14 | 22°40 | 23°14 | 27°54 | 8° 3 | 15°19 | 15° 9 | 14°46 | 1°29 | 6° 2 | 9° 9 | 10°18 | 14° 2 | 11° 5 | M16 |
| T 17 | 7 46 30 | 26°50'22 | 5♈ 9 | 24°52 | 29° 8 | 8°47 | 15°31 | 15°16 | 14°47 | 1°29 | 6° 1 | 9°D 8 | 10°15 | 14° 8 | 11° 3 | T 17 |
| W18 | 7 50 27 | 27°51'30 | 17°56 | 26°29 | 0♓22 | 9°32 | 15°42 | 15°23 | 14°48 | 1°28 | 6° 0 | 9° 8 | 10°11 | 14°15 | 11° 0 | W18 |
| T 19 | 7 54 23 | 28°52'37 | 1♉ 4 | 28° 7 | 1°35 | 10°16 | 15°54 | 15°30 | 14°49 | 1°28 | 5°58 | 9°R 8 | 10° 8 | 14°22 | 10°58 | T 19 |
| F 20 | 7 58 20 | 29°53'43 | 14°36 | 29°46 | 2°49 | 11° 1 | 16° 5 | 15°37 | 14°51 | 1°27 | 5°57 | 9° 7 | 10° 5 | 14°29 | 10°55 | F 20 |
| S 21 | 8 2 16 | 0♒54'49 | 28°35 | 1♒25 | 4° 3 | 11°46 | 16°16 | 15°44 | 14°52 | 1°27 | 5°56 | 9° 4 | 10° 2 | 14°35 | 10°52 | S 21 |
| S 22 | 8 6 13 | 1°55'54 | 13♊ 2 | 3° 4 | 5°16 | 12°31 | 16°28 | 15°51 | 14°54 | 1°26 | 5°54 | 8°59 | 9°59 | 14°42 | 10°49 | S 22 |
| M23 | 8 10 10 | 2°56'59 | 27°54 | 4°44 | 6°30 | 13°15 | 16°39 | 15°58 | 14°55 | 1°25 | 5°53 | 8°51 | 9°56 | 14°49 | 10°46 | M23 |
| T 24 | 8 14 6 | 3°58'03 | 13♋ 3 | 6°25 | 7°44 | 14° 0 | 16°50 | 16° 5 | 14°57 | 1°25 | 5°52 | 8°41 | 9°52 | 14°56 | 10°43 | T 24 |
| W25 | 8 18 3 | 4°59'06 | 28°21 | 8° 6 | 8°57 | 14°45 | 17° 1 | 16°12 | 14°58 | 1°24 | 5°50 | 8°31 | 9°49 | 15° 2 | 10°40 | W25 |
| T 26 | 8 21 59 | 6° 0'09 | 13♌35 | 9°47 | 10°11 | 15°30 | 17°12 | 16°19 | 15° 0 | 1°23 | 5°49 | 8°21 | 9°46 | 15° 9 | 10°36 | T 26 |
| F 27 | 8 25 56 | 7° 1'11 | 28°36 | 11°29 | 11°24 | 16°15 | 17°23 | 16°26 | 15° 2 | 1°22 | 5°48 | 8°14 | 9°43 | 15°16 | 10°33 | F 27 |
| S 28 | 8 29 52 | 8° 2'13 | 13♍14 | 13°12 | 12°37 | 17° 0 | 17°33 | 16°33 | 15° 3 | 1°22 | 5°46 | 8° 9 | 9°40 | 15°22 | 10°30 | S 28 |
| S 29 | 8 33 49 | 9° 3'14 | 27°24 | 14°55 | 13°51 | 17°45 | 17°44 | 16°40 | 15° 5 | 1°21 | 5°45 | 8° 6 | 9°36 | 15°29 | 10°26 | S 29 |
| M30 | 8 37 45 | 10° 4'14 | 11♎ 4 | 16°38 | 15° 4 | 18°30 | 17°55 | 16°47 | 15° 7 | 1°20 | 5°44 | 8°D 6 | 9°33 | 15°36 | 10°23 | M30 |
| T 31 | 8 41 42 | 11♒ 5'14 | 24♎16 | 18♒22 | 16♓17 | 19♑15 | 18♐ 5 | 16♒54 | 15♈ 9 | 1♎19 | 5♌42 | 8♈ 7 | 9♈30 | 15♑43 | 10♍19 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s58 | 6n 6 | 1n54 | 23s53 | 0s30 | 19s33 | 1s45 | 23s50 | 0s29 | 21s33 | 0n40 | 17s27 | 0s45 | 5n 6 | 0s40 | 0n29 | 1n11 | 21n32 | 3n 0 | 4n22 | 4n23 | 27s56 | 1n29 | 6s13 |
| M 2 | 22 53 | 0s18 | 0 45 | 24 0 | 0 37 | 19 14 | 1 45 | 23 52 | 0 30 | 21 35 | 0 40 | 17 25 | 0 45 | 5 7 | 0 40 | 0 29 | 1 11 | 21 33 | 3 0 | 4 22 | 4 21 | 27 55 | 1 29 | 6 14 |
| T 3 | 22 48 | 6 28 | 0s24 | 24 5 | 0 43 | 18 53 | 1 46 | 23 53 | 0 30 | 21 36 | 0 40 | 17 24 | 0 45 | 5 7 | 0 40 | 0 29 | 1 11 | 21 33 | 3 0 | 4 22 | 4 20 | 27 55 | 1 29 | 6 14 |
| W 4 | 22 42 | 12 13 | 1 29 | 24 9 | 0 50 | 18 33 | 1 46 | 23 54 | 0 31 | 21 38 | 0 40 | 17 22 | 0 45 | 5 7 | 0 40 | 0 29 | 1 11 | 21 34 | 3 0 | 4 22 | 4 19 | 27 54 | 1 29 | 6 15 |
| T 5 | 22 35 | 17 20 | 2 29 | 24 11 | 0 56 | 18 11 | 1 46 | 23 55 | 0 31 | 21 39 | 0 40 | 17 20 | 0 45 | 5 7 | 0 40 | 0 29 | 1 12 | 21 34 | 3 0 | 4 21 | 4 18 | 27 53 | 1 29 | 6 15 |
| F 6 | 22 28 | 21 40 | 3 21 | 24 12 | 1 2 | 17 49 | 1 46 | 23 55 | 0 32 | 21 41 | 0 40 | 17 18 | 0 45 | 5 8 | 0 40 | 0 29 | 1 12 | 21 34 | 3 0 | 4 19 | 4 17 | 27 53 | 1 29 | 6 15 |
| S 7 | 22 21 | 25 2 | 4 3 | 24 12 | 1 7 | 17 27 | 1 46 | 23 55 | 0 33 | 21 42 | 0 40 | 17 16 | 0 45 | 5 8 | 0 40 | 0 29 | 1 12 | 21 35 | 3 0 | 4 16 | 4 15 | 27 52 | 1 29 | 6 16 |
| S 8 | 22 13 | 27 17 | 4 34 | 24 11 | 1 13 | 17 4 | 1 46 | 23 55 | 0 33 | 21 44 | 0 40 | 17 14 | 0 45 | 5 8 | 0 40 | 0 29 | 1 12 | 21 35 | 3 0 | 4 12 | 4 14 | 27 51 | 1 29 | 6 16 |
| M 9 | 22 5 | 28 16 | 4 53 | 24 8 | 1 18 | 16 41 | 1 45 | 23 55 | 0 34 | 21 45 | 0 40 | 17 12 | 0 45 | 5 9 | 0 40 | 0 29 | 1 12 | 21 36 | 3 0 | 4 7 | 4 13 | 27 51 | 1 29 | 6 17 |
| T 10 | 21 57 | 27 56 | 4 59 | 24 4 | 1 23 | 16 17 | 1 45 | 23 55 | 0 34 | 21 47 | 0 40 | 17 11 | 0 45 | 5 9 | 0 40 | 0 30 | 1 12 | 21 36 | 3 0 | 4 1 | 4 12 | 27 50 | 1 29 | 6 17 |
| W11 | 21 47 | 26 20 | 4 52 | 23 58 | 1 28 | 15 53 | 1 45 | 23 54 | 0 35 | 21 48 | 0 40 | 17 9 | 0 45 | 5 9 | 0 40 | 0 30 | 1 12 | 21 36 | 3 0 | 3 55 | 4 10 | 27 49 | 1 30 | 6 18 |
| T 12 | 21 38 | 23 33 | 4 33 | 23 52 | 1 33 | 15 28 | 1 44 | 23 53 | 0 36 | 21 49 | 0 40 | 17 7 | 0 45 | 5 10 | 0 40 | 0 30 | 1 12 | 21 37 | 3 1 | 3 50 | 4 9 | 27 48 | 1 30 | 6 18 |
| F 13 | 21 28 | 19 46 | 4 1 | 23 43 | 1 37 | 15 3 | 1 44 | 23 52 | 0 36 | 21 51 | 0 40 | 17 5 | 0 45 | 5 10 | 0 40 | 0 30 | 1 12 | 21 37 | 3 1 | 3 45 | 4 8 | 27 48 | 1 31 | 6 18 |
| S 14 | 21 18 | 15 9 | 3 18 | 23 34 | 1 41 | 14 38 | 1 43 | 23 50 | 0 37 | 21 52 | 0 40 | 17 3 | 0 45 | 5 11 | 0 40 | 0 30 | 1 12 | 21 38 | 3 1 | 3 41 | 4 7 | 27 47 | 1 31 | 6 19 |
| S 15 | 21 7 | 9 55 | 2 26 | 23 23 | 1 45 | 14 12 | 1 42 | 23 48 | 0 37 | 21 53 | 0 40 | 17 1 | 0 45 | 5 11 | 0 40 | 0 30 | 1 12 | 21 38 | 3 1 | 3 38 | 4 5 | 27 46 | 1 32 | 6 19 |
| M16 | 20 56 | 4 14 | 1 26 | 23 10 | 1 49 | 13 46 | 1 42 | 23 46 | 0 38 | 21 55 | 0 40 | 16 59 | 0 46 | 5 12 | 0 40 | 0 31 | 1 12 | 21 38 | 3 1 | 3 37 | 4 4 | 27 45 | 1 32 | 6 19 |
| T 17 | 20 44 | 1n43 | 0 21 | 22 57 | 1 52 | 13 19 | 1 41 | 23 44 | 0 38 | 21 56 | 0 40 | 16 57 | 0 46 | 5 12 | 0 40 | 0 31 | 1 12 | 21 39 | 3 1 | 3 37 | 4 3 | 27 44 | 1 33 | 6 20 |
| W18 | 20 33 | 7 44 | 0n47 | 22 41 | 1 55 | 12 53 | 1 40 | 23 42 | 0 39 | 21 57 | 0 40 | 16 55 | 0 46 | 5 13 | 0 39 | 0 31 | 1 12 | 21 39 | 3 1 | 3 37 | 4 2 | 27 44 | 1 33 | 6 20 |
| T 19 | 20 20 | 13 35 | 1 54 | 22 25 | 1 57 | 12 25 | 1 39 | 23 39 | 0 40 | 21 58 | 0 40 | 16 53 | 0 46 | 5 13 | 0 39 | 0 31 | 1 12 | 21 40 | 3 1 | 3 37 | 4 0 | 27 43 | 1 34 | 6 20 |
| F 20 | 20 8 | 18 59 | 2 56 | 22 6 | 2 0 | 11 58 | 1 38 | 23 36 | 0 40 | 22 0 | 0 40 | 16 51 | 0 46 | 5 14 | 0 39 | 0 32 | 1 12 | 21 40 | 3 1 | 3 36 | 3 59 | 27 42 | 1 35 | 6 21 |
| S 21 | 19 55 | 23 33 | 3 51 | 21 47 | 2 2 | 11 30 | 1 36 | 23 33 | 0 41 | 22 1 | 0 40 | 16 49 | 0 46 | 5 14 | 0 39 | 0 32 | 1 12 | 21 40 | 3 1 | 3 35 | 3 58 | 27 41 | 1 35 | 6 21 |
| S 22 | 19 41 | 26 49 | 4 33 | 21 26 | 2 3 | 11 2 | 1 35 | 23 29 | 0 41 | 22 2 | 0 40 | 16 47 | 0 46 | 5 15 | 0 39 | 0 32 | 1 12 | 21 41 | 3 1 | 3 33 | 3 57 | 27 40 | 1 36 | 6 21 |
| M23 | 19 27 | 28 19 | 4 57 | 21 3 | 2 5 | 10 33 | 1 34 | 23 25 | 0 42 | 22 3 | 0 40 | 16 45 | 0 46 | 5 16 | 0 39 | 0 33 | 1 12 | 21 41 | 3 1 | 3 30 | 3 55 | 27 40 | 1 37 | 6 22 |
| T 24 | 19 13 | 27 45 | 5 2 | 20 39 | 2 6 | 10 5 | 1 32 | 23 21 | 0 42 | 22 4 | 0 40 | 16 43 | 0 46 | 5 16 | 0 39 | 0 33 | 1 12 | 21 42 | 3 2 | 3 26 | 3 54 | 27 39 | 1 38 | 6 22 |
| W25 | 18 59 | 25 6 | 4 45 | 20 14 | 2 6 | 9 36 | 1 31 | 23 17 | 0 43 | 22 5 | 0 40 | 16 41 | 0 46 | 5 17 | 0 39 | 0 33 | 1 12 | 21 42 | 3 2 | 3 22 | 3 53 | 27 38 | 1 39 | 6 22 |
| T 26 | 18 44 | 20 40 | 4 8 | 19 47 | 2 6 | 9 7 | 1 29 | 23 13 | 0 44 | 22 6 | 0 40 | 16 39 | 0 46 | 5 18 | 0 39 | 0 33 | 1 12 | 21 43 | 3 2 | 3 18 | 3 52 | 27 37 | 1 40 | 6 22 |
| F 27 | 18 29 | 14 58 | 3 14 | 19 19 | 2 6 | 8 37 | 1 27 | 23 8 | 0 44 | 22 7 | 0 40 | 16 37 | 0 46 | 5 18 | 0 39 | 0 34 | 1 13 | 21 43 | 3 2 | 3 15 | 3 50 | 27 36 | 1 41 | 6 23 |
| S 28 | 18 13 | 8 33 | 2 9 | 18 49 | 2 5 | 8 8 | 1 26 | 23 3 | 0 45 | 22 8 | 0 40 | 16 34 | 0 46 | 5 19 | 0 39 | 0 34 | 1 13 | 21 43 | 3 2 | 3 13 | 3 49 | 27 35 | 1 42 | 6 23 |
| S 29 | 17 57 | 1 54 | 0 57 | 18 18 | 2 4 | 7 38 | 1 24 | 22 58 | 0 45 | 22 9 | 0 40 | 16 32 | 0 46 | 5 20 | 0 39 | 0 35 | 1 13 | 21 44 | 3 2 | 3 12 | 3 48 | 27 34 | 1 43 | 6 23 |
| M30 | 17 41 | 4s37 | 0s16 | 17 45 | 2 2 | 7 8 | 1 22 | 22 52 | 0 46 | 22 10 | 0 40 | 16 30 | 0 46 | 5 20 | 0 39 | 0 35 | 1 13 | 21 44 | 3 2 | 3 12 | 3 47 | 27 33 | 1 44 | 6 23 |
| T 31 | 17s24 | 10s43 | 1s25 | 17s11 | 2s 0 | 6s38 | 1s20 | 22s46 | 0s46 | 22s11 | 0n40 | 16s28 | 0s46 | 5n21 | 0s39 | 0n35 | 1n13 | 21n44 | 3n 2 | 3n13 | 3n45 | 27s33 | 1n45 | 6s24 |

Julian Day Number = 2610060.5, Delta T = 10m19s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'29, Lahiri = 29°55'31


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## FEBRUARY 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 45 39 | 12♒ 6'14 | 7♏ 3 | 20♒ 6 | 17♓30 | 20♉ 0 | 18♐15 | 17♒ 1 | 15♈11 | 1°R18 | 5°R41 | 8°R 7 | 9♈27 | 15♉49 | 10°R15 | W 1 |
| T 2 | 8 49 35 | 13° 7'14 | 19°30 | 21°50 | 18°43 | 20°45 | 18°26 | 17° 9 | 15°13 | 1♎17 | 5♌40 | 8♈ 7 | 9°24 | 15°56 | 10♍11 | T 2 |
| F 3 | 8 53 32 | 14° 8'12 | 1♐41 | 23°34 | 19°56 | 21°30 | 18°36 | 17°16 | 15°15 | 1°16 | 5°38 | 8° 5 | 9°21 | 16° 3 | 10° 7 | F 3 |
| S 4 | 8 57 28 | 15° 9'10 | 13°41 | 25°19 | 21° 9 | 22°16 | 18°46 | 17°23 | 15°17 | 1°15 | 5°37 | 8° 1 | 9°17 | 16° 9 | 10° 4 | S 4 |
| S 5 | 9 1 25 | 16°10'08 | 25°34 | 27° 3 | 22°22 | 23° 1 | 18°56 | 17°30 | 15°19 | 1°14 | 5°36 | 7°55 | 9°14 | 16°16 | 9°59 | S 5 |
| M 6 | 9 5 21 | 17°11'05 | 7♉25 | 28°47 | 23°35 | 23°46 | 19° 6 | 17°37 | 15°21 | 1°13 | 5°35 | 7°46 | 9°11 | 16°23 | 9°55 | M 6 |
| T 7 | 9 9 18 | 18°12'01 | 19°17 | 0♓30 | 24°47 | 24°32 | 19°16 | 17°44 | 15°23 | 1°12 | 5°33 | 7°37 | 9° 8 | 16°30 | 9°51 | T 7 |
| W 8 | 9 13 14 | 19°12'56 | 1♒11 | 2°13 | 26° 0 | 25°17 | 19°25 | 17°51 | 15°25 | 1°11 | 5°32 | 7°27 | 9° 5 | 16°36 | 9°47 | W 8 |
| T 9 | 9 17 11 | 20°13'50 | 13° 9 | 3°55 | 27°13 | 26° 3 | 19°35 | 17°59 | 15°28 | 1°10 | 5°31 | 7°17 | 9° 2 | 16°43 | 9°43 | T 9 |
| F 10 | 9 21 8 | 21°14'44 | 25°14 | 5°36 | 28°25 | 26°48 | 19°44 | 18° 6 | 15°30 | 1° 8 | 5°29 | 7° 9 | 8°58 | 16°50 | 9°39 | F 10 |
| S 11 | 9 25 4 | 22°15'36 | 7♓25 | 7°15 | 29°38 | 27°33 | 19°54 | 18°13 | 15°32 | 1° 7 | 5°28 | 7° 3 | 8°55 | 16°57 | 9°34 | S 11 |
| S 12 | 9 29 1 | 23°16'26 | 19°45 | 8°52 | 0♈50 | 28°19 | 20° 3 | 18°20 | 15°35 | 1° 6 | 5°27 | 6°59 | 8°52 | 17° 3 | 9°30 | S 12 |
| M13 | 9 32 57 | 24°17'16 | 2♈15 | 10°27 | 2° 2 | 29° 5 | 20°12 | 18°27 | 15°37 | 1° 5 | 5°26 | 6°D57 | 8°49 | 17°10 | 9°25 | M13 |
| T 14 | 9 36 54 | 25°18'04 | 14°56 | 11°58 | 3°14 | 29°50 | 20°21 | 18°34 | 15°39 | 1° 4 | 5°24 | 6°57 | 8°46 | 17°17 | 9°21 | T 14 |
| W15 | 9 40 50 | 26°18'51 | 27°52 | 13°26 | 4°26 | 0♒36 | 20°30 | 18°41 | 15°42 | 1° 2 | 5°23 | 6°59 | 8°42 | 17°23 | 9°16 | W15 |
| T 16 | 9 44 47 | 27°19'36 | 11♉ 3 | 14°50 | 5°38 | 1°21 | 20°38 | 18°49 | 15°44 | 1° 1 | 5°22 | 7° 0 | 8°39 | 17°30 | 9°12 | T 16 |
| F 17 | 9 48 43 | 28°20'20 | 24°33 | 16° 9 | 6°50 | 2° 7 | 20°47 | 18°56 | 15°47 | 1° 0 | 5°21 | 7°R 1 | 8°36 | 17°37 | 9° 7 | F 17 |
| S 18 | 9 52 40 | 29°21'02 | 8♊24 | 17°22 | 8° 2 | 2°53 | 20°55 | 19° 3 | 15°49 | 0°58 | 5°19 | 7° 1 | 8°33 | 17°44 | 9° 3 | S 18 |
| S 19 | 9 56 37 | 0♓21'43 | 22°35 | 18°29 | 9°14 | 3°39 | 21° 4 | 19°10 | 15°52 | 0°57 | 5°18 | 6°59 | 8°30 | 17°50 | 8°58 | S 19 |
| M20 | 10 0 33 | 1°22'22 | 7♋ 6 | 19°29 | 10°26 | 4°24 | 21°12 | 19°17 | 15°55 | 0°56 | 5°17 | 6°55 | 8°27 | 17°57 | 8°53 | M20 |
| T 21 | 10 4 30 | 2°22'59 | 21°52 | 20°21 | 11°37 | 5°10 | 21°20 | 19°24 | 15°57 | 0°54 | 5°16 | 6°51 | 8°23 | 18° 4 | 8°49 | T 21 |
| W22 | 10 8 26 | 3°23'35 | 6♌47 | 21° 5 | 12°48 | 5°56 | 21°28 | 19°31 | 16° 0 | 0°53 | 5°15 | 6°45 | 8°20 | 18°11 | 8°44 | W22 |
| T 23 | 10 12 23 | 4°24'09 | 21°42 | 21°40 | 14° 0 | 6°42 | 21°36 | 19°38 | 16° 3 | 0°51 | 5°14 | 6°41 | 8°17 | 18°17 | 8°39 | T 23 |
| F 24 | 10 16 19 | 5°24'42 | 6♍30 | 22° 5 | 15°11 | 7°28 | 21°44 | 19°45 | 16° 6 | 0°50 | 5°12 | 6°37 | 8°14 | 18°24 | 8°34 | F 24 |
| S 25 | 10 20 16 | 6°25'13 | 21° 1 | 22°20 | 16°22 | 8°14 | 21°51 | 19°52 | 16° 8 | 0°48 | 5°11 | 6°34 | 8°11 | 18°31 | 8°30 | S 25 |
| S 26 | 10 24 12 | 7°25'42 | 5♎11 | 22°R25 | 17°33 | 9° 0 | 21°59 | 19°59 | 16°11 | 0°47 | 5°10 | 6°D33 | 8° 7 | 18°37 | 8°25 | S 26 |
| M27 | 10 28 9 | 8°26'10 | 18°56 | 22°19 | 18°44 | 9°45 | 22° 6 | 20° 6 | 16°14 | 0°45 | 5° 9 | 6°34 | 8° 4 | 18°44 | 8°20 | M27 |
| T 28 | 10 32 6 | 9♓26'37 | 2♏15 | 22♓ 4 | 19♈55 | 10♒31 | 22♐13 | 20♒13 | 16♈17 | 0♎44 | 5♌ 8 | 6♈35 | 8♈ 1 | 18♉51 | 8♍15 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s 8 | 16s11 | 2s29 | 16s36 | 1s57 | 6s 7 | 1s18 | 22s40 | 0s47 | 22s12 | 0n40 | 16s26 | 0s46 | 5n22 | 0s39 | 0n36 | 1n13 | 21n45 | 3n 2 | 3n13 | 3n44 | 27s32 | 1n47 | 6s24 |
| T 2 | 16 50 | 20 49 | 3 23 | 15 59 | 1 53 | 5 37 | 1 16 | 22 34 | 0 48 | 22 13 | 0 40 | 16 24 | 0 46 | 5 23 | 0 39 | 0 36 | 1 13 | 21 45 | 3 2 | 3 13 | 3 43 | 27 31 | 1 48 | 6 24 |
| F 3 | 16 33 | 24 29 | 4 7 | 15 21 | 1 49 | 5 6 | 1 13 | 22 28 | 0 48 | 22 14 | 0 40 | 16 22 | 0 46 | 5 24 | 0 39 | 0 37 | 1 13 | 21 46 | 3 2 | 3 12 | 3 42 | 27 30 | 1 49 | 6 24 |
| S 4 | 16 15 | 27 0 | 4 39 | 14 42 | 1 45 | 4 35 | 1 11 | 22 21 | 0 49 | 22 15 | 0 40 | 16 20 | 0 47 | 5 24 | 0 39 | 0 37 | 1 13 | 21 46 | 3 2 | 3 10 | 3 40 | 27 29 | 1 51 | 6 24 |
| S 5 | 15 57 | 28 17 | 4 59 | 14 2 | 1 39 | 4 4 | 1 9 | 22 14 | 0 49 | 22 15 | 0 40 | 16 18 | 0 47 | 5 25 | 0 39 | 0 38 | 1 13 | 21 46 | 3 2 | 3 8 | 3 39 | 27 28 | 1 52 | 6 24 |
| M 6 | 15 39 | 28 16 | 5 6 | 13 20 | 1 34 | 3 33 | 1 6 | 22 7 | 0 50 | 22 16 | 0 40 | 16 16 | 0 47 | 5 26 | 0 39 | 0 38 | 1 13 | 21 47 | 3 2 | 3 5 | 3 38 | 27 27 | 1 53 | 6 25 |
| T 7 | 15 20 | 26 57 | 5 0 | 12 37 | 1 27 | 3 2 | 1 4 | 21 59 | 0 50 | 22 17 | 0 40 | 16 13 | 0 47 | 5 27 | 0 39 | 0 38 | 1 13 | 21 47 | 3 2 | 3 1 | 3 37 | 27 26 | 1 55 | 6 25 |
| W 8 | 15 2 | 24 25 | 4 40 | 11 54 | 1 20 | 2 31 | 1 1 | 21 52 | 0 51 | 22 18 | 0 40 | 16 11 | 0 47 | 5 28 | 0 39 | 0 39 | 1 13 | 21 48 | 3 2 | 2 57 | 3 35 | 27 25 | 1 56 | 6 25 |
| T 9 | 14 43 | 20 48 | 4 9 | 11 10 | 1 12 | 2 0 | 0 58 | 21 44 | 0 51 | 22 18 | 0 40 | 16 9 | 0 47 | 5 29 | 0 39 | 0 39 | 1 13 | 21 48 | 3 3 | 2 53 | 3 34 | 27 24 | 1 58 | 6 25 |
| F 10 | 14 23 | 16 19 | 3 26 | 10 25 | 1 3 | 1 29 | 0 55 | 21 36 | 0 52 | 22 19 | 0 40 | 16 7 | 0 47 | 5 30 | 0 39 | 0 40 | 1 13 | 21 48 | 3 3 | 2 50 | 3 33 | 27 23 | 1 59 | 6 25 |
| S 11 | 14 4 | 11 8 | 2 33 | 9 39 | 0 53 | 0 57 | 0 53 | 21 27 | 0 52 | 22 20 | 0 40 | 16 5 | 0 47 | 5 30 | 0 39 | 0 40 | 1 13 | 21 49 | 3 3 | 2 47 | 3 32 | 27 22 | 2 1 | 6 25 |
| S 12 | 13 44 | 5 27 | 1 32 | 8 54 | 0 43 | 0 26 | 0 50 | 21 19 | 0 53 | 22 20 | 0 40 | 16 3 | 0 47 | 5 31 | 0 39 | 0 41 | 1 13 | 21 49 | 3 3 | 2 46 | 3 30 | 27 21 | 2 2 | 6 25 |
| M13 | 13 24 | 0n30 | 0 25 | 8 8 | 0 32 | 0n 6 | 0 47 | 21 10 | 0 53 | 22 21 | 0 40 | 16 1 | 0 47 | 5 32 | 0 39 | 0 41 | 1 13 | 21 49 | 3 3 | 2 45 | 3 29 | 27 20 | 2 4 | 6 25 |
| T 14 | 13 4 | 6 32 | 0n43 | 7 22 | 0 20 | 0 37 | 0 44 | 21 1 | 0 54 | 22 22 | 0 40 | 15 59 | 0 47 | 5 33 | 0 39 | 0 42 | 1 13 | 21 50 | 3 3 | 2 45 | 3 28 | 27 19 | 2 6 | 6 25 |
| W15 | 12 43 | 12 25 | 1 51 | 6 37 | 0 8 | 1 8 | 0 40 | 20 52 | 0 54 | 22 22 | 0 40 | 15 56 | 0 47 | 5 34 | 0 39 | 0 43 | 1 13 | 21 50 | 3 3 | 2 46 | 3 27 | 27 18 | 2 7 | 6 25 |
| T 16 | 12 22 | 17 52 | 2 54 | 5 53 | 0n 5 | 1 40 | 0 37 | 20 42 | 0 55 | 22 23 | 0 40 | 15 54 | 0 47 | 5 35 | 0 39 | 0 43 | 1 13 | 21 50 | 3 3 | 2 46 | 3 25 | 27 17 | 2 9 | 6 25 |
| F 17 | 12 1 | 22 35 | 3 50 | 5 9 | 0 19 | 2 11 | 0 34 | 20 33 | 0 55 | 22 24 | 0 41 | 15 52 | 0 47 | 5 36 | 0 38 | 0 44 | 1 13 | 21 51 | 3 3 | 2 47 | 3 24 | 27 16 | 2 11 | 6 25 |
| S 18 | 11 40 | 26 9 | 4 33 | 4 28 | 0 34 | 2 43 | 0 31 | 20 23 | 0 56 | 22 24 | 0 41 | 15 50 | 0 48 | 5 37 | 0 38 | 0 44 | 1 13 | 21 51 | 3 3 | 2 47 | 3 23 | 27 15 | 2 12 | 6 25 |
| S 19 | 11 19 | 28 11 | 5 1 | 3 48 | 0 48 | 3 14 | 0 27 | 20 13 | 0 56 | 22 25 | 0 41 | 15 48 | 0 48 | 5 38 | 0 38 | 0 45 | 1 13 | 21 51 | 3 3 | 2 46 | 3 22 | 27 14 | 2 14 | 6 25 |
| M20 | 10 58 | 28 22 | 5 11 | 3 10 | 1 4 | 3 45 | 0 24 | 20 2 | 0 57 | 22 25 | 0 41 | 15 46 | 0 48 | 5 39 | 0 38 | 0 45 | 1 13 | 21 52 | 3 3 | 2 44 | 3 20 | 27 13 | 2 16 | 6 25 |
| T 21 | 10 36 | 26 33 | 5 0 | 2 36 | 1 19 | 4 16 | 0 20 | 19 52 | 0 57 | 22 26 | 0 41 | 15 44 | 0 48 | 5 40 | 0 38 | 0 46 | 1 13 | 21 52 | 3 3 | 2 43 | 3 19 | 27 12 | 2 18 | 6 25 |
| W22 | 10 14 | 22 53 | 4 30 | 2 4 | 1 35 | 4 47 | 0 17 | 19 41 | 0 58 | 22 26 | 0 41 | 15 41 | 0 48 | 5 41 | 0 38 | 0 47 | 1 13 | 21 52 | 3 3 | 2 41 | 3 18 | 27 11 | 2 20 | 6 25 |
| T 23 | 9 52 | 17 43 | 3 40 | 1 36 | 1 51 | 5 18 | 0 13 | 19 30 | 0 58 | 22 27 | 0 41 | 15 39 | 0 48 | 5 43 | 0 38 | 0 47 | 1 14 | 21 53 | 3 3 | 2 39 | 3 17 | 27 10 | 2 22 | 6 24 |
| F 24 | 9 30 | 11 32 | 2 37 | 1 12 | 2 6 | 5 49 | 0 10 | 19 19 | 0 59 | 22 27 | 0 41 | 15 37 | 0 48 | 5 44 | 0 38 | 0 48 | 1 14 | 21 53 | 3 3 | 2 37 | 3 15 | 27 8 | 2 23 | 6 24 |
| S 25 | 9 8 | 4 50 | 1 24 | 0 52 | 2 21 | 6 20 | 0 6 | 19 7 | 0 59 | 22 27 | 0 41 | 15 35 | 0 48 | 5 45 | 0 38 | 0 48 | 1 14 | 21 53 | 3 3 | 2 36 | 3 14 | 27 7 | 2 25 | 6 24 |
| S 26 | 8 46 | 1s57 | 0 7 | 0 37 | 2 36 | 6 50 | 0 2 | 18 56 | 1 0 | 22 28 | 0 41 | 15 33 | 0 48 | 5 46 | 0 38 | 0 49 | 1 14 | 21 54 | 3 3 | 2 36 | 3 13 | 27 6 | 2 27 | 6 24 |
| M27 | 8 23 | 8 26 | 1s 7 | 0 27 | 2 50 | 7 21 | 0n 2 | 18 44 | 1 0 | 22 28 | 0 41 | 15 31 | 0 48 | 5 47 | 0 38 | 0 50 | 1 14 | 21 54 | 3 3 | 2 36 | 3 12 | 27 5 | 2 29 | 6 24 |
| T 28 | 8s 1 | 14s22 | 2s16 | 0s21 | 3n 2 | 7n51 | 0n 5 | 18s32 | 1s 1 | 22s29 | 0n41 | 15s29 | 0s48 | 5n48 | 0s38 | 0n50 | 1n14 | 21n54 | 3n 3 | 2n37 | 3n10 | 27s 4 | 2n31 | 6s23 |

Julian Day Number = 2610091.5, Delta T = 10m20s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'34, Lahiri = 29°55'35


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## MARCH 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 36 2 | 10♓27'03 | 15♏ 9 | 21°R39 | 21♈ 5 | 11♒17 | 22♐20 | 20♒19 | 16♈20 | 0°R42 | 5°R 7 | 6♈37 | 7♈58 | 18♉58 | 8°R11 | W 1 |
| T 2 | 10 39 59 | 11°27'27 | 27°42 | 21♓ 4 | 22°16 | 12° 4 | 22°27 | 20°26 | 16°23 | 0♎41 | 5♌ 6 | 6°38 | 7°55 | 19° 4 | 8♍ 6 | T 2 |
| F 3 | 10 43 55 | 12°27'50 | 9♐57 | 20°22 | 23°26 | 12°50 | 22°34 | 20°33 | 16°26 | 0°39 | 5° 5 | 6°R39 | 7°52 | 19°11 | 8° 1 | F 3 |
| S 4 | 10 47 52 | 13°28'11 | 22° 0 | 19°32 | 24°36 | 13°36 | 22°40 | 20°40 | 16°29 | 0°38 | 5° 4 | 6°39 | 7°48 | 19°18 | 7°56 | S 4 |
| S 5 | 10 51 48 | 14°28'31 | 3♉55 | 18°37 | 25°46 | 14°22 | 22°47 | 20°47 | 16°32 | 0°36 | 5° 3 | 6°37 | 7°45 | 19°24 | 7°52 | S 5 |
| M 6 | 10 55 45 | 15°28'50 | 15°47 | 17°37 | 26°56 | 15° 8 | 22°53 | 20°53 | 16°35 | 0°35 | 5° 2 | 6°35 | 7°42 | 19°31 | 7°47 | M 6 |
| T 7 | 10 59 41 | 16°29'07 | 27°39 | 16°35 | 28° 6 | 15°54 | 22°59 | 21° 0 | 16°38 | 0°33 | 5° 1 | 6°32 | 7°39 | 19°38 | 7°42 | T 7 |
| W 8 | 11 3 38 | 17°29'23 | 9♒35 | 15°31 | 29°16 | 16°40 | 23° 5 | 21° 7 | 16°41 | 0°31 | 5° 0 | 6°29 | 7°36 | 19°45 | 7°38 | W 8 |
| T 9 | 11 7 35 | 18°29'37 | 21°39 | 14°28 | 0♉25 | 17°27 | 23°11 | 21°13 | 16°44 | 0°30 | 4°59 | 6°26 | 7°33 | 19°51 | 7°33 | T 9 |
| F 10 | 11 11 31 | 19°29'49 | 3♓53 | 13°27 | 1°35 | 18°13 | 23°17 | 21°20 | 16°47 | 0°28 | 4°58 | 6°23 | 7°29 | 19°58 | 7°28 | F 10 |
| S 11 | 11 15 28 | 20°30'00 | 16°17 | 12°28 | 2°44 | 18°59 | 23°22 | 21°27 | 16°50 | 0°26 | 4°57 | 6°21 | 7°26 | 20° 5 | 7°24 | S 11 |
| S 12 | 11 19 24 | 21°30'09 | 28°54 | 11°34 | 3°53 | 19°45 | 23°27 | 21°33 | 16°53 | 0°25 | 4°56 | 6°21 | 7°23 | 20°11 | 7°19 | S 12 |
| M13 | 11 23 21 | 22°30'16 | 11♈43 | 10°45 | 5° 2 | 20°32 | 23°33 | 21°40 | 16°57 | 0°23 | 4°56 | 6°D20 | 7°20 | 20°18 | 7°15 | M13 |
| T 14 | 11 27 17 | 23°30'21 | 24°46 | 10° 1 | 6°11 | 21°18 | 23°38 | 21°46 | 17° 0 | 0°22 | 4°55 | 6°21 | 7°17 | 20°25 | 7°10 | T 14 |
| W15 | 11 31 14 | 24°30'24 | 8♉ 1 | 9°24 | 7°20 | 22° 4 | 23°42 | 21°53 | 17° 3 | 0°20 | 4°54 | 6°22 | 7°13 | 20°32 | 7° 6 | W15 |
| T 16 | 11 35 10 | 25°30'25 | 21°30 | 8°53 | 8°28 | 22°51 | 23°47 | 21°59 | 17° 6 | 0°18 | 4°53 | 6°23 | 7°10 | 20°38 | 7° 1 | T 16 |
| F 17 | 11 39 7 | 26°30'24 | 5♊11 | 8°29 | 9°36 | 23°37 | 23°52 | 22° 5 | 17° 9 | 0°17 | 4°52 | 6°24 | 7° 7 | 20°45 | 6°57 | F 17 |
| S 18 | 11 43 4 | 27°30'21 | 19° 5 | 8°11 | 10°45 | 24°23 | 23°56 | 22°12 | 17°13 | 0°15 | 4°52 | 6°24 | 7° 4 | 20°52 | 6°53 | S 18 |
| S 19 | 11 47 0 | 28°30'16 | 3♋10 | 8° 0 | 11°52 | 25°10 | 24° 0 | 22°18 | 17°16 | 0°13 | 4°51 | 6°R24 | 7° 1 | 20°59 | 6°49 | S 19 |
| M20 | 11 50 57 | 29°30'08 | 17°26 | 7°D55 | 13° 0 | 25°56 | 24° 4 | 22°24 | 17°19 | 0°12 | 4°50 | 6°24 | 6°58 | 21° 5 | 6°44 | M20 |
| T 21 | 11 54 53 | 0♈29'59 | 1♌49 | 7°57 | 14° 8 | 26°43 | 24° 8 | 22°30 | 17°23 | 0°10 | 4°50 | 6°24 | 6°54 | 21°12 | 6°40 | T 21 |
| W22 | 11 58 50 | 1°29'47 | 16°16 | 8° 5 | 15°15 | 27°29 | 24°12 | 22°36 | 17°26 | 0° 8 | 4°49 | 6°23 | 6°51 | 21°19 | 6°36 | W22 |
| T 23 | 12 2 46 | 2°29'32 | 0♍43 | 8°18 | 16°22 | 28°15 | 24°15 | 22°42 | 17°29 | 0° 7 | 4°48 | 6°23 | 6°48 | 21°25 | 6°32 | T 23 |
| F 24 | 12 6 43 | 3°29'16 | 15° 3 | 8°37 | 17°29 | 29° 2 | 24°18 | 22°48 | 17°33 | 0° 5 | 4°48 | 6°22 | 6°45 | 21°32 | 6°28 | F 24 |
| S 25 | 12 10 39 | 4°28'57 | 29°13 | 9° 0 | 18°36 | 29°48 | 24°22 | 22°54 | 17°36 | 0° 3 | 4°47 | 6°22 | 6°42 | 21°39 | 6°24 | S 25 |
| S 26 | 12 14 36 | 5°28'37 | 13♎ 8 | 9°29 | 19°42 | 0♓35 | 24°25 | 23° 0 | 17°39 | 0° 2 | 4°47 | 6°D22 | 6°39 | 21°46 | 6°20 | S 26 |
| M27 | 12 18 32 | 6°28'15 | 26°44 | 10° 2 | 20°49 | 1°21 | 24°27 | 23° 6 | 17°43 | 29♍59 | 4°46 | 6°R22 | 6°35 | 21°52 | 6°17 | M27 |
| T 28 | 12 22 29 | 7°27'50 | 10♏ 0 | 10°39 | 21°55 | 2° 8 | 24°30 | 23°12 | 17°46 | 29°58 | 4°45 | 6°22 | 6°32 | 21°59 | 6°13 | T 28 |
| W29 | 12 26 26 | 8°27'24 | 22°55 | 11°20 | 23° 0 | 2°54 | 24°32 | 23°18 | 17°49 | 29°57 | 4°45 | 6°22 | 6°29 | 22° 6 | 6° 9 | W29 |
| T 30 | 12 30 22 | 9°26'56 | 5♐30 | 12° 5 | 24° 6 | 3°41 | 24°35 | 23°23 | 17°53 | 29°55 | 4°45 | 6°22 | 6°26 | 22°12 | 6° 6 | T 30 |
| F 31 | 12 34 19 | 10♈26'27 | 17♐49 | 12♓53 | 25♉11 | 4♓27 | 24♐37 | 23♒29 | 17♈56 | 29♍53 | 4♌44 | 6♈21 | 6♈23 | 22♉19 | 6♍ 2 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s38 | 19s28 | 3s16 | 0s21 | 3n13 | 8n21 | 0n 9 | 18s20 | 1s 1 | 22s29 | 0n41 | 15s27 | 0s48 | 5n49 | 0s38 | 0n51 | 1n14 | 21n54 | 3n 3 | 2n37 | 3n 9 | 27s 3 | 2n33 | 6s23 |
| T 2 | 7 15 | 23 34 | 4 5 | 0 26 | 3 23 | 8 51 | 0 13 | 18 8 | 1 2 | 22 29 | 0 41 | 15 25 | 0 49 | 5 50 | 0 38 | 0 51 | 1 14 | 21 55 | 3 3 | 2 38 | 3 8 | 27 2 | 2 35 | 6 23 |
| F 3 | 6 52 | 26 31 | 4 41 | 0 35 | 3 30 | 9 21 | 0 17 | 17 55 | 1 2 | 22 30 | 0 41 | 15 23 | 0 49 | 5 51 | 0 38 | 0 52 | 1 14 | 21 55 | 3 3 | 2 38 | 3 7 | 27 1 | 2 37 | 6 23 |
| S 4 | 6 29 | 28 12 | 5 4 | 0 49 | 3 36 | 9 50 | 0 21 | 17 42 | 1 3 | 22 30 | 0 41 | 15 21 | 0 49 | 5 53 | 0 38 | 0 53 | 1 14 | 21 55 | 3 3 | 2 38 | 3 5 | 26 59 | 2 39 | 6 23 |
| S 5 | 6 6 | 28 33 | 5 14 | 1 7 | 3 40 | 10 20 | 0 25 | 17 29 | 1 3 | 22 30 | 0 41 | 15 18 | 0 49 | 5 54 | 0 38 | 0 53 | 1 14 | 21 56 | 3 3 | 2 37 | 3 4 | 26 58 | 2 41 | 6 22 |
| M 6 | 5 43 | 27 35 | 5 10 | 1 29 | 3 41 | 10 49 | 0 29 | 17 16 | 1 3 | 22 31 | 0 41 | 15 16 | 0 49 | 5 55 | 0 38 | 0 54 | 1 14 | 21 56 | 3 3 | 2 37 | 3 3 | 26 57 | 2 43 | 6 22 |
| T 7 | 5 19 | 25 23 | 4 53 | 1 54 | 3 40 | 11 18 | 0 33 | 17 3 | 1 4 | 22 31 | 0 41 | 15 14 | 0 49 | 5 56 | 0 38 | 0 55 | 1 14 | 21 56 | 3 3 | 2 35 | 3 2 | 26 56 | 2 45 | 6 22 |
| W 8 | 4 56 | 22 3 | 4 24 | 2 21 | 3 37 | 11 46 | 0 38 | 16 50 | 1 4 | 22 31 | 0 41 | 15 12 | 0 49 | 5 57 | 0 38 | 0 55 | 1 14 | 21 56 | 3 3 | 2 34 | 3 0 | 26 55 | 2 47 | 6 21 |
| T 9 | 4 32 | 17 45 | 3 42 | 2 50 | 3 32 | 12 15 | 0 42 | 16 36 | 1 5 | 22 32 | 0 41 | 15 10 | 0 49 | 5 59 | 0 38 | 0 56 | 1 14 | 21 57 | 3 3 | 2 33 | 2 59 | 26 54 | 2 49 | 6 21 |
| F 10 | 4 9 | 12 42 | 2 50 | 3 20 | 3 25 | 12 43 | 0 46 | 16 22 | 1 5 | 22 32 | 0 41 | 15 8 | 0 49 | 6 0 | 0 38 | 0 57 | 1 14 | 21 57 | 3 3 | 2 32 | 2 58 | 26 52 | 2 51 | 6 21 |
| S 11 | 3 45 | 7 4 | 1 48 | 3 50 | 3 17 | 13 11 | 0 50 | 16 8 | 1 6 | 22 32 | 0 41 | 15 6 | 0 49 | 6 1 | 0 38 | 0 57 | 1 14 | 21 57 | 3 3 | 2 31 | 2 57 | 26 51 | 2 53 | 6 20 |
| S 12 | 3 22 | 1 4 | 0 41 | 4 20 | 3 6 | 13 38 | 0 54 | 15 54 | 1 6 | 22 32 | 0 41 | 15 4 | 0 50 | 6 2 | 0 38 | 0 58 | 1 14 | 21 57 | 3 3 | 2 31 | 2 55 | 26 50 | 2 55 | 6 20 |
| M13 | 2 58 | 5n 5 | 0n30 | 4 49 | 2 55 | 14 5 | 0 59 | 15 40 | 1 6 | 22 33 | 0 41 | 15 2 | 0 50 | 6 3 | 0 38 | 0 59 | 1 14 | 21 57 | 3 3 | 2 31 | 2 54 | 26 49 | 2 57 | 6 19 |
| T 14 | 2 34 | 11 7 | 1 40 | 5 17 | 2 42 | 14 32 | 1 3 | 15 25 | 1 7 | 22 33 | 0 41 | 15 0 | 0 50 | 6 5 | 0 38 | 0 59 | 1 14 | 21 58 | 3 3 | 2 31 | 2 53 | 26 47 | 2 59 | 6 19 |
| W15 | 2 11 | 16 46 | 2 46 | 5 44 | 2 29 | 14 59 | 1 7 | 15 11 | 1 7 | 22 33 | 0 41 | 14 58 | 0 50 | 6 6 | 0 38 | 1 0 | 1 14 | 21 58 | 3 3 | 2 31 | 2 52 | 26 46 | 3 1 | 6 19 |
| T 16 | 1 47 | 21 42 | 3 45 | 6 8 | 2 15 | 15 25 | 1 11 | 14 56 | 1 8 | 22 33 | 0 41 | 14 56 | 0 50 | 6 7 | 0 38 | 1 1 | 1 14 | 21 58 | 3 3 | 2 32 | 2 50 | 26 45 | 3 3 | 6 18 |
| F 17 | 1 23 | 25 33 | 4 31 | 6 30 | 2 1 | 15 51 | 1 16 | 14 41 | 1 8 | 22 33 | 0 41 | 14 54 | 0 50 | 6 8 | 0 38 | 1 1 | 1 14 | 21 58 | 3 3 | 2 32 | 2 49 | 26 44 | 3 5 | 6 18 |
| S 18 | 0 59 | 27 58 | 5 2 | 6 50 | 1 46 | 16 17 | 1 20 | 14 26 | 1 8 | 22 33 | 0 41 | 14 52 | 0 50 | 6 10 | 0 38 | 1 2 | 1 14 | 21 58 | 3 3 | 2 32 | 2 48 | 26 42 | 3 7 | 6 17 |
| S 19 | 0 36 | 28 37 | 5 16 | 7 8 | 1 32 | 16 42 | 1 24 | 14 11 | 1 9 | 22 34 | 0 41 | 14 51 | 0 50 | 6 11 | 0 38 | 1 3 | 1 14 | 21 59 | 3 3 | 2 32 | 2 47 | 26 41 | 3 9 | 6 17 |
| M20 | 0 12 | 27 23 | 5 11 | 7 23 | 1 17 | 17 7 | 1 29 | 13 56 | 1 9 | 22 34 | 0 41 | 14 49 | 0 50 | 6 12 | 0 38 | 1 3 | 1 14 | 21 59 | 3 3 | 2 32 | 2 45 | 26 40 | 3 11 | 6 16 |
| T 21 | 0n12 | 24 21 | 4 46 | 7 36 | 1 3 | 17 31 | 1 33 | 13 40 | 1 9 | 22 34 | 0 42 | 14 47 | 0 51 | 6 14 | 0 38 | 1 4 | 1 14 | 21 59 | 3 3 | 2 32 | 2 44 | 26 39 | 3 13 | 6 16 |
| W22 | 0 36 | 19 47 | 4 3 | 7 46 | 0 48 | 17 55 | 1 37 | 13 25 | 1 10 | 22 34 | 0 42 | 14 45 | 0 51 | 6 15 | 0 38 | 1 5 | 1 14 | 21 59 | 3 3 | 2 32 | 2 43 | 26 37 | 3 15 | 6 15 |
| T 23 | 0 59 | 14 5 | 3 5 | 7 54 | 0 34 | 18 19 | 1 41 | 13 9 | 1 10 | 22 34 | 0 42 | 14 43 | 0 51 | 6 16 | 0 38 | 1 5 | 1 14 | 21 59 | 3 3 | 2 32 | 2 42 | 26 36 | 3 17 | 6 15 |
| F 24 | 1 23 | 7 39 | 1 55 | 8 0 | 0 21 | 18 42 | 1 46 | 12 53 | 1 11 | 22 34 | 0 42 | 14 41 | 0 51 | 6 17 | 0 38 | 1 6 | 1 14 | 21 59 | 3 3 | 2 31 | 2 40 | 26 35 | 3 19 | 6 14 |
| S 25 | 1 47 | 0 55 | 0 40 | 8 3 | 0 8 | 19 5 | 1 50 | 12 37 | 1 11 | 22 34 | 0 42 | 14 39 | 0 51 | 6 19 | 0 38 | 1 7 | 1 14 | 22 0 | 3 3 | 2 31 | 2 39 | 26 33 | 3 21 | 6 14 |
| S 26 | 2 10 | 5s45 | 0s37 | 8 4 | 0s 5 | 19 27 | 1 54 | 12 21 | 1 11 | 22 34 | 0 42 | 14 37 | 0 51 | 6 20 | 0 38 | 1 7 | 1 14 | 22 0 | 3 3 | 2 31 | 2 38 | 26 32 | 3 23 | 6 13 |
| M27 | 2 34 | 12 0 | 1 51 | 8 3 | 0 17 | 19 49 | 1 59 | 12 5 | 1 12 | 22 34 | 0 42 | 14 36 | 0 51 | 6 21 | 0 38 | 1 8 | 1 14 | 22 0 | 3 3 | 2 31 | 2 37 | 26 31 | 3 25 | 6 12 |
| T 28 | 2 57 | 17 34 | 2 56 | 8 0 | 0 29 | 20 11 | 2 3 | 11 49 | 1 12 | 22 35 | 0 42 | 14 34 | 0 51 | 6 23 | 0 38 | 1 9 | 1 14 | 22 0 | 3 3 | 2 31 | 2 35 | 26 29 | 3 27 | 6 12 |
| W29 | 3 21 | 22 10 | 3 50 | 7 55 | 0 40 | 20 32 | 2 7 | 11 32 | 1 12 | 22 35 | 0 42 | 14 32 | 0 52 | 6 24 | 0 38 | 1 9 | 1 14 | 22 0 | 3 3 | 2 31 | 2 34 | 26 28 | 3 29 | 6 11 |
| T 30 | 3 44 | 25 38 | 4 32 | 7 48 | 0 51 | 20 52 | 2 11 | 11 16 | 1 12 | 22 35 | 0 42 | 14 30 | 0 52 | 6 25 | 0 38 | 1 10 | 1 14 | 22 0 | 3 3 | 2 31 | 2 33 | 26 27 | 3 30 | 6 11 |
| F 31 | 4n 7 | 27s49 | 5s 0 | 7s39 | 1s 1 | 21n12 | 2n15 | 10s59 | 1s13 | 22s35 | 0n42 | 14s29 | 0s52 | 6n26 | 0s38 | 1n11 | 1n14 | 22n 0 | 3n 3 | 2n31 | 2n32 | 26s25 | 3n32 | 6s10 |

Julian Day Number = 2610119.5, Delta T = 10m20s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'38, Lahiri = 29°55'39


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## APRIL 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 38 15 | 11♈25'56 | 29♐55 | 13♓45 | 26♉16 | 5♓14 | 24♐38 | 23♒35 | 18♈ 0 | 29°R52 | 4°R44 | 6°R21 | 6♈19 | 22♑26 | 5°R59 | S 1 |
| S 2 | 12 42 12 | 12°25'23 | 11♑52 | 14°40 | 27°21 | 6° 0 | 24°40 | 23°40 | 18° 3 | 29♍50 | 4♌43 | 6°D21 | 6°16 | 22°33 | 5♍56 | S 2 |
| M 3 | 12 46 8 | 13°24'48 | 23°45 | 15°38 | 28°26 | 6°47 | 24°42 | 23°46 | 18° 6 | 29°49 | 4°43 | 6♈21 | 6°13 | 22°39 | 5°52 | M 3 |
| T 4 | 12 50 5 | 14°24'11 | 5♒38 | 16°38 | 29°30 | 7°33 | 24°43 | 23°51 | 18°10 | 29°47 | 4°43 | 6°21 | 6°10 | 22°46 | 5°49 | T 4 |
| W 5 | 12 54 1 | 15°23'33 | 17°36 | 17°41 | 0♊34 | 8°20 | 24°44 | 23°56 | 18°13 | 29°45 | 4°42 | 6°22 | 6° 7 | 22°53 | 5°46 | W 5 |
| T 6 | 12 57 58 | 16°22'53 | 29°43 | 18°47 | 1°38 | 9° 6 | 24°45 | 24° 2 | 18°17 | 29°44 | 4°42 | 6°23 | 6° 4 | 22°59 | 5°43 | T 6 |
| F 7 | 13 1 55 | 17°22'10 | 12♓ 3 | 19°55 | 2°41 | 9°53 | 24°46 | 24° 7 | 18°20 | 29°42 | 4°42 | 6°24 | 6° 0 | 23° 6 | 5°40 | F 7 |
| S 8 | 13 5 51 | 18°21'26 | 24°39 | 21° 5 | 3°44 | 10°40 | 24°46 | 24°12 | 18°24 | 29°41 | 4°41 | 6°25 | 5°57 | 23°13 | 5°38 | S 8 |
| S 9 | 13 9 48 | 19°20'41 | 7♈31 | 22°18 | 4°47 | 11°26 | 24°47 | 24°17 | 18°27 | 29°39 | 4°41 | 6°R25 | 5°54 | 23°20 | 5°35 | S 9 |
| M10 | 13 13 44 | 20°19'53 | 20°41 | 23°32 | 5°49 | 12°13 | 24°R47 | 24°22 | 18°30 | 29°38 | 4°41 | 6°25 | 5°51 | 23°26 | 5°32 | M10 |
| T 11 | 13 17 41 | 21°19'03 | 4♉ 8 | 24°49 | 6°52 | 12°59 | 24°47 | 24°27 | 18°34 | 29°36 | 4°41 | 6°24 | 5°48 | 23°33 | 5°30 | T 11 |
| W12 | 13 21 37 | 22°18'11 | 17°50 | 26° 7 | 7°53 | 13°46 | 24°47 | 24°32 | 18°37 | 29°34 | 4°41 | 6°22 | 5°44 | 23°40 | 5°28 | W12 |
| T 13 | 13 25 34 | 23°17'17 | 1♊45 | 27°28 | 8°55 | 14°32 | 24°46 | 24°37 | 18°41 | 29°33 | 4°41 | 6°19 | 5°41 | 23°46 | 5°25 | T 13 |
| F 14 | 13 29 30 | 24°16'21 | 15°49 | 28°50 | 9°56 | 15°19 | 24°46 | 24°41 | 18°44 | 29°31 | 4°40 | 6°17 | 5°38 | 23°53 | 5°23 | F 14 |
| S 15 | 13 33 27 | 25°15'23 | 29°59 | 0♈14 | 10°57 | 16° 5 | 24°45 | 24°46 | 18°47 | 29°30 | 4°40 | 6°15 | 5°35 | 24° 0 | 5°21 | S 15 |
| S 16 | 13 37 24 | 26°14'22 | 14♋12 | 1°40 | 11°57 | 16°52 | 24°44 | 24°51 | 18°51 | 29°29 | 4°40 | 6°14 | 5°32 | 24° 7 | 5°19 | S 16 |
| M17 | 13 41 20 | 27°13'19 | 28°25 | 3° 7 | 12°57 | 17°38 | 24°43 | 24°55 | 18°54 | 29°27 | 4°D40 | 6°D13 | 5°29 | 24°13 | 5°17 | M17 |
| T 18 | 13 45 17 | 28°12'14 | 12♌36 | 4°36 | 13°56 | 18°25 | 24°42 | 25° 0 | 18°58 | 29°26 | 4°40 | 6°14 | 5°25 | 24°20 | 5°15 | T 18 |
| W19 | 13 49 13 | 29°11'06 | 26°42 | 6° 7 | 14°55 | 19°11 | 24°40 | 25° 4 | 19° 1 | 29°24 | 4°40 | 6°15 | 5°22 | 24°27 | 5°14 | W19 |
| T 20 | 13 53 10 | 0♉ 9'56 | 10♍42 | 7°40 | 15°54 | 19°58 | 24°38 | 25° 8 | 19° 4 | 29°23 | 4°40 | 6°17 | 5°19 | 24°33 | 5°12 | T 20 |
| F 21 | 13 57 6 | 1° 8'44 | 24°34 | 9°14 | 16°52 | 20°44 | 24°36 | 25°13 | 19° 8 | 29°22 | 4°41 | 6°18 | 5°16 | 24°40 | 5°11 | F 21 |
| S 22 | 14 1 3 | 2° 7'30 | 8♎16 | 10°49 | 17°50 | 21°31 | 24°34 | 25°17 | 19°11 | 29°20 | 4°41 | 6°R18 | 5°13 | 24°47 | 5° 9 | S 22 |
| S 23 | 14 4 59 | 3° 6'13 | 21°46 | 12°27 | 18°47 | 22°17 | 24°32 | 25°21 | 19°15 | 29°19 | 4°41 | 6°17 | 5°10 | 24°54 | 5° 8 | S 23 |
| M24 | 14 8 56 | 4° 4'55 | 5♏ 3 | 14° 6 | 19°43 | 23° 4 | 24°30 | 25°25 | 19°18 | 29°18 | 4°41 | 6°15 | 5° 6 | 25° 0 | 5° 7 | M24 |
| T 25 | 14 12 53 | 5° 3'35 | 18° 5 | 15°46 | 20°40 | 23°50 | 24°27 | 25°29 | 19°21 | 29°16 | 4°41 | 6°12 | 5° 3 | 25° 7 | 5° 6 | T 25 |
| W26 | 14 16 49 | 6° 2'12 | 0♐52 | 17°28 | 21°35 | 24°37 | 24°24 | 25°33 | 19°25 | 29°15 | 4°41 | 6° 7 | 5° 0 | 25°14 | 5° 5 | W26 |
| T 27 | 14 20 46 | 7° 0'49 | 13°23 | 19°12 | 22°30 | 25°23 | 24°21 | 25°36 | 19°28 | 29°14 | 4°42 | 6° 2 | 4°57 | 25°20 | 5° 4 | T 27 |
| F 28 | 14 24 42 | 7°59'23 | 25°41 | 20°58 | 23°25 | 26° 9 | 24°18 | 25°40 | 19°31 | 29°13 | 4°42 | 5°57 | 4°54 | 25°27 | 5° 3 | F 28 |
| S 29 | 14 28 39 | 8°57'56 | 7♑47 | 22°45 | 24°19 | 26°56 | 24°15 | 25°44 | 19°34 | 29°11 | 4°42 | 5°52 | 4°50 | 25°34 | 5° 3 | S 29 |
| S 30 | 14 32 35 | 9♉56'27 | 19♑44 | 24♈33 | 25♊12 | 27♓42 | 24♐11 | 25♒47 | 19♈38 | 29♍10 | 4♌43 | 5♈49 | 4♈47 | 25♑41 | 5♍ 2 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n31 | 28s38 | 5s15 | 7s28 | 1s10 | 21n32 | 2n19 | 10s42 | 1s13 | 22s35 | 0n42 | 14s27 | 0s52 | 6n28 | 0s38 | 1n11 | 1n14 | 22n 0 | 3n 3 | 2n31 | 2n30 | 26s24 | 3n34 | 6s 9 |
| S 2 | 4 54 | 28 5 | 5 15 | 7 15 | 1 20 | 21 51 | 2 23 | 10 26 | 1 13 | 22 35 | 0 42 | 14 25 | 0 52 | 6 29 | 0 38 | 1 12 | 1 14 | 22 0 | 3 3 | 2 31 | 2 29 | 26 23 | 3 36 | 6 9 |
| M 3 | 5 17 | 26 16 | 5 2 | 7 1 | 1 28 | 22 10 | 2 27 | 10 9 | 1 14 | 22 35 | 0 42 | 14 24 | 0 52 | 6 30 | 0 38 | 1 12 | 1 14 | 22 1 | 3 3 | 2 31 | 2 28 | 26 21 | 3 38 | 6 8 |
| T 4 | 5 40 | 23 17 | 4 37 | 6 45 | 1 36 | 22 28 | 2 31 | 9 52 | 1 14 | 22 35 | 0 42 | 14 22 | 0 52 | 6 32 | 0 38 | 1 13 | 1 14 | 22 1 | 3 3 | 2 31 | 2 27 | 26 20 | 3 39 | 6 7 |
| W 5 | 6 3 | 19 18 | 3 58 | 6 27 | 1 44 | 22 45 | 2 35 | 9 34 | 1 14 | 22 35 | 0 42 | 14 20 | 0 52 | 6 33 | 0 38 | 1 14 | 1 14 | 22 1 | 3 3 | 2 31 | 2 25 | 26 18 | 3 41 | 6 7 |
| T 6 | 6 26 | 14 30 | 3 9 | 6 8 | 1 51 | 23 2 | 2 39 | 9 17 | 1 14 | 22 35 | 0 42 | 14 19 | 0 53 | 6 34 | 0 38 | 1 14 | 1 14 | 22 1 | 3 3 | 2 32 | 2 24 | 26 17 | 3 43 | 6 6 |
| F 7 | 6 48 | 9 2 | 2 11 | 5 47 | 1 57 | 23 19 | 2 43 | 9 0 | 1 15 | 22 35 | 0 42 | 14 17 | 0 53 | 6 36 | 0 38 | 1 15 | 1 14 | 22 1 | 3 3 | 2 32 | 2 23 | 26 16 | 3 44 | 6 5 |
| S 8 | 7 11 | 3 7 | 1 5 | 5 25 | 2 3 | 23 35 | 2 47 | 8 43 | 1 15 | 22 35 | 0 42 | 14 15 | 0 53 | 6 37 | 0 38 | 1 16 | 1 14 | 22 1 | 3 3 | 2 32 | 2 22 | 26 14 | 3 46 | 6 5 |
| S 9 | 7 33 | 3n 4 | 0n 6 | 5 1 | 2 9 | 23 50 | 2 51 | 8 25 | 1 15 | 22 35 | 0 42 | 14 14 | 0 53 | 6 38 | 0 38 | 1 16 | 1 14 | 22 1 | 3 3 | 2 33 | 2 20 | 26 13 | 3 48 | 6 4 |
| M10 | 7 56 | 9 16 | 1 18 | 4 36 | 2 14 | 24 5 | 2 54 | 8 8 | 1 15 | 22 35 | 0 42 | 14 12 | 0 53 | 6 39 | 0 38 | 1 17 | 1 14 | 22 1 | 3 3 | 2 32 | 2 19 | 26 11 | 3 49 | 6 3 |
| T 11 | 8 18 | 15 11 | 2 27 | 4 10 | 2 18 | 24 20 | 2 58 | 7 50 | 1 16 | 22 35 | 0 42 | 14 11 | 0 53 | 6 41 | 0 38 | 1 17 | 1 14 | 22 1 | 3 3 | 2 32 | 2 18 | 26 10 | 3 51 | 6 2 |
| W12 | 8 40 | 20 27 | 3 29 | 3 43 | 2 22 | 24 34 | 3 2 | 7 32 | 1 16 | 22 35 | 0 42 | 14 9 | 0 53 | 6 42 | 0 38 | 1 18 | 1 14 | 22 1 | 3 3 | 2 31 | 2 17 | 26 8 | 3 52 | 6 2 |
| T 13 | 9 2 | 24 42 | 4 20 | 3 14 | 2 25 | 24 47 | 3 5 | 7 15 | 1 16 | 22 35 | 0 42 | 14 8 | 0 54 | 6 43 | 0 38 | 1 19 | 1 14 | 22 1 | 3 3 | 2 30 | 2 15 | 26 7 | 3 54 | 6 1 |
| F 14 | 9 23 | 27 31 | 4 55 | 2 44 | 2 28 | 25 0 | 3 8 | 6 57 | 1 16 | 22 35 | 0 42 | 14 6 | 0 54 | 6 45 | 0 38 | 1 19 | 1 14 | 22 1 | 3 3 | 2 29 | 2 14 | 26 5 | 3 56 | 6 0 |
| S 15 | 9 45 | 28 36 | 5 13 | 2 13 | 2 31 | 25 12 | 3 12 | 6 39 | 1 16 | 22 35 | 0 42 | 14 5 | 0 54 | 6 46 | 0 38 | 1 20 | 1 14 | 22 1 | 3 3 | 2 29 | 2 13 | 26 4 | 3 57 | 5 59 |
| S 16 | 10 6 | 27 48 | 5 12 | 1 40 | 2 33 | 25 24 | 3 15 | 6 21 | 1 17 | 22 35 | 0 42 | 14 4 | 0 54 | 6 47 | 0 38 | 1 20 | 1 14 | 22 1 | 3 3 | 2 28 | 2 12 | 26 3 | 3 58 | 5 59 |
| M17 | 10 28 | 25 11 | 4 52 | 1 7 | 2 34 | 25 35 | 3 18 | 6 3 | 1 17 | 22 35 | 0 42 | 14 2 | 0 54 | 6 48 | 0 38 | 1 21 | 1 14 | 22 1 | 3 3 | 2 28 | 2 10 | 26 1 | 4 0 | 5 58 |
| T 18 | 10 49 | 21 3 | 4 14 | 0 32 | 2 35 | 25 45 | 3 21 | 5 45 | 1 17 | 22 34 | 0 42 | 14 1 | 0 54 | 6 50 | 0 38 | 1 21 | 1 14 | 22 1 | 3 3 | 2 28 | 2 9 | 26 0 | 4 1 | 5 57 |
| W19 | 11 10 | 15 44 | 3 21 | 0n 3 | 2 35 | 25 55 | 3 24 | 5 27 | 1 17 | 22 34 | 0 42 | 13 59 | 0 54 | 6 51 | 0 38 | 1 22 | 1 14 | 22 1 | 3 3 | 2 29 | 2 8 | 25 58 | 4 2 | 5 56 |
| T 20 | 11 30 | 9 38 | 2 16 | 0 40 | 2 35 | 26 4 | 3 27 | 5 9 | 1 17 | 22 34 | 0 42 | 13 58 | 0 55 | 6 52 | 0 38 | 1 23 | 1 14 | 22 1 | 3 3 | 2 29 | 2 6 | 25 57 | 4 4 | 5 55 |
| F 21 | 11 51 | 3 8 | 1 4 | 1 17 | 2 34 | 26 13 | 3 30 | 4 51 | 1 17 | 22 34 | 0 42 | 13 57 | 0 55 | 6 54 | 0 38 | 1 23 | 1 14 | 22 1 | 3 3 | 2 30 | 2 5 | 25 55 | 4 5 | 5 55 |
| S 22 | 12 11 | 3s26 | 0s11 | 1 56 | 2 33 | 26 21 | 3 33 | 4 33 | 1 17 | 22 34 | 0 42 | 13 56 | 0 55 | 6 55 | 0 38 | 1 24 | 1 14 | 22 1 | 3 3 | 2 30 | 2 4 | 25 54 | 4 6 | 5 54 |
| S 23 | 12 31 | 9 46 | 1 24 | 2 35 | 2 31 | 26 29 | 3 35 | 4 15 | 1 18 | 22 34 | 0 42 | 13 54 | 0 55 | 6 56 | 0 38 | 1 24 | 1 14 | 22 1 | 3 3 | 2 30 | 2 3 | 25 52 | 4 7 | 5 53 |
| M24 | 12 51 | 15 33 | 2 31 | 3 15 | 2 29 | 26 36 | 3 38 | 3 56 | 1 18 | 22 34 | 0 42 | 13 53 | 0 55 | 6 57 | 0 38 | 1 25 | 1 14 | 22 1 | 3 3 | 2 29 | 2 1 | 25 50 | 4 9 | 5 52 |
| T 25 | 13 11 | 20 31 | 3 29 | 3 57 | 2 26 | 26 43 | 3 40 | 3 38 | 1 18 | 22 34 | 0 42 | 13 52 | 0 55 | 6 59 | 0 38 | 1 25 | 1 14 | 22 1 | 3 3 | 2 27 | 2 0 | 25 49 | 4 10 | 5 51 |
| W26 | 13 30 | 24 27 | 4 15 | 4 38 | 2 23 | 26 49 | 3 42 | 3 20 | 1 18 | 22 34 | 0 42 | 13 51 | 0 56 | 7 0 | 0 38 | 1 26 | 1 14 | 22 1 | 3 3 | 2 25 | 1 59 | 25 47 | 4 11 | 5 51 |
| T 27 | 13 49 | 27 7 | 4 48 | 5 21 | 2 19 | 26 54 | 3 44 | 3 1 | 1 18 | 22 34 | 0 42 | 13 50 | 0 56 | 7 1 | 0 38 | 1 26 | 1 14 | 22 1 | 3 3 | 2 23 | 1 58 | 25 46 | 4 12 | 5 50 |
| F 28 | 14 8 | 28 25 | 5 7 | 6 5 | 2 15 | 26 59 | 3 46 | 2 43 | 1 18 | 22 33 | 0 42 | 13 49 | 0 56 | 7 2 | 0 38 | 1 27 | 1 14 | 22 1 | 3 3 | 2 21 | 1 56 | 25 44 | 4 13 | 5 49 |
| S 29 | 14 27 | 28 20 | 5 11 | 6 49 | 2 10 | 27 4 | 3 48 | 2 25 | 1 18 | 22 33 | 0 42 | 13 48 | 0 56 | 7 4 | 0 38 | 1 27 | 1 14 | 22 0 | 3 3 | 2 19 | 1 55 | 25 43 | 4 14 | 5 48 |
| S 30 | 14n46 | 26s55 | 5s 3 | 7n34 | 2s 5 | 27n 8 | 3n50 | 2s 6 | 1s18 | 22s33 | 0n42 | 13s47 | 0s56 | 7n 5 | 0s38 | 1n27 | 1n14 | 22n 0 | 3n 3 | 2n18 | 1n54 | 25s41 | 4n15 | 5s47 |

Julian Day Number = 2610150.5, Delta T = 10m20s
Ecliptic obliquity = 23°23'08, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'42, Lahiri = 29°55'43


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## MAY 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 36 32 | 10♉54'56 | 1♒37 | 26♈24 | 26♊ 4 | 28♓29 | 24°R 8 | 25♒51 | 19♈41 | 29°R 9 | 4♌43 | 5°R47 | 4♈44 | 25♑47 | 5°R 2 | M 1 |
| T 2 | 14 40 28 | 11°53'24 | 13°30 | 28°16 | 26°56 | 29°15 | 24♐ 4 | 25°54 | 19°44 | 29♍ 8 | 4°43 | 5°D46 | 4°41 | 25°54 | 5♍ 1 | T 2 |
| W 3 | 14 44 25 | 12°51'50 | 25°27 | 0♉10 | 27°48 | 0♈ 1 | 24° 0 | 25°57 | 19°47 | 29° 7 | 4°44 | 5♈47 | 4°38 | 26° 1 | 5° 1 | W 3 |
| T 4 | 14 48 22 | 13°50'15 | 7♓35 | 2° 5 | 28°38 | 0°48 | 23°56 | 26° 0 | 19°51 | 29° 6 | 4°44 | 5°48 | 4°35 | 26° 7 | 5°D 1 | T 4 |
| F 5 | 14 52 18 | 14°48'38 | 19°56 | 4° 2 | 29°28 | 1°34 | 23°52 | 26° 3 | 19°54 | 29° 5 | 4°44 | 5°50 | 4°31 | 26°14 | 5° 1 | F 5 |
| S 6 | 14 56 15 | 15°46'59 | 2♈37 | 6° 1 | 0♋17 | 2°20 | 23°47 | 26° 6 | 19°57 | 29° 4 | 4°45 | 5°R51 | 4°28 | 26°21 | 5° 2 | S 6 |
| S 7 | 15 0 11 | 16°45'19 | 15°39 | 8° 2 | 1° 5 | 3° 6 | 23°42 | 26° 9 | 20° 0 | 29° 3 | 4°45 | 5°50 | 4°25 | 26°28 | 5° 2 | S 7 |
| M 8 | 15 4 8 | 17°43'37 | 29° 4 | 10° 3 | 1°53 | 3°53 | 23°38 | 26°12 | 20° 3 | 29° 2 | 4°46 | 5°48 | 4°22 | 26°34 | 5° 2 | M 8 |
| T 9 | 15 8 4 | 18°41'53 | 12♉52 | 12° 7 | 2°39 | 4°39 | 23°33 | 26°15 | 20° 6 | 29° 1 | 4°46 | 5°44 | 4°19 | 26°41 | 5° 3 | T 9 |
| W10 | 15 12 1 | 19°40'08 | 27° 0 | 14°12 | 3°25 | 5°25 | 23°28 | 26°18 | 20° 9 | 29° 0 | 4°47 | 5°38 | 4°16 | 26°48 | 5° 3 | W10 |
| T 11 | 15 15 57 | 20°38'22 | 11♊23 | 16°18 | 4°10 | 6°11 | 23°22 | 26°20 | 20°13 | 28°59 | 4°48 | 5°31 | 4°12 | 26°54 | 5° 4 | T 11 |
| F 12 | 15 19 54 | 21°36'33 | 25°55 | 18°25 | 4°54 | 6°57 | 23°17 | 26°23 | 20°16 | 28°58 | 4°48 | 5°24 | 4° 9 | 27° 1 | 5° 5 | F 12 |
| S 13 | 15 23 51 | 22°34'43 | 10♋30 | 20°34 | 5°37 | 7°43 | 23°12 | 26°25 | 20°19 | 28°57 | 4°49 | 5°18 | 4° 6 | 27° 8 | 5° 6 | S 13 |
| S 14 | 15 27 47 | 23°32'50 | 25° 1 | 22°43 | 6°19 | 8°30 | 23° 6 | 26°27 | 20°22 | 28°56 | 4°50 | 5°13 | 4° 3 | 27°15 | 5° 7 | S 14 |
| M15 | 15 31 44 | 24°30'56 | 9♌23 | 24°53 | 7° 0 | 9°16 | 23° 0 | 26°29 | 20°25 | 28°55 | 4°50 | 5°10 | 4° 0 | 27°21 | 5° 8 | M15 |
| T 16 | 15 35 40 | 25°29'00 | 23°33 | 27° 3 | 7°39 | 10° 2 | 22°54 | 26°32 | 20°28 | 28°55 | 4°51 | 5°D 9 | 3°56 | 27°28 | 5° 9 | T 16 |
| W17 | 15 39 37 | 26°27'01 | 7♍31 | 29°14 | 8°18 | 10°48 | 22°48 | 26°34 | 20°30 | 28°54 | 4°52 | 5° 9 | 3°53 | 27°35 | 5°11 | W17 |
| T 18 | 15 43 33 | 27°25'01 | 21°14 | 1♊25 | 8°55 | 11°33 | 22°42 | 26°35 | 20°33 | 28°53 | 4°52 | 5°10 | 3°50 | 27°41 | 5°12 | T 18 |
| F 19 | 15 47 30 | 28°22'59 | 4♎45 | 3°35 | 9°31 | 12°19 | 22°36 | 26°37 | 20°36 | 28°53 | 4°53 | 5°R11 | 3°47 | 27°48 | 5°14 | F 19 |
| S 20 | 15 51 26 | 29°20'55 | 18° 3 | 5°44 | 10° 6 | 13° 5 | 22°29 | 26°39 | 20°39 | 28°52 | 4°54 | 5°10 | 3°44 | 27°55 | 5°16 | S 20 |
| S 21 | 15 55 23 | 0♊18'50 | 1♏ 9 | 7°53 | 10°39 | 13°51 | 22°23 | 26°41 | 20°42 | 28°51 | 4°55 | 5° 7 | 3°41 | 28° 2 | 5°18 | S 21 |
| M22 | 15 59 20 | 1°16'43 | 14° 4 | 10° 0 | 11°11 | 14°37 | 22°16 | 26°42 | 20°45 | 28°51 | 4°56 | 5° 2 | 3°37 | 28° 8 | 5°20 | M22 |
| T 23 | 16 3 16 | 2°14'34 | 26°48 | 12° 6 | 11°42 | 15°23 | 22°10 | 26°43 | 20°48 | 28°50 | 4°57 | 4°54 | 3°34 | 28°15 | 5°22 | T 23 |
| W24 | 16 7 13 | 3°12'24 | 9♐20 | 14°11 | 12°11 | 16° 8 | 22° 3 | 26°45 | 20°50 | 28°50 | 4°57 | 4°45 | 3°31 | 28°22 | 5°24 | W24 |
| T 25 | 16 11 9 | 4°10'13 | 21°42 | 16°13 | 12°38 | 16°54 | 21°56 | 26°46 | 20°53 | 28°49 | 4°58 | 4°34 | 3°28 | 28°28 | 5°26 | T 25 |
| F 26 | 16 15 6 | 5° 8'00 | 3♑53 | 18°13 | 13° 4 | 17°40 | 21°49 | 26°47 | 20°56 | 28°49 | 4°59 | 4°23 | 3°25 | 28°35 | 5°28 | F 26 |
| S 27 | 16 19 2 | 6° 5'46 | 15°55 | 20°11 | 13°28 | 18°26 | 21°42 | 26°48 | 20°58 | 28°48 | 5° 0 | 4°13 | 3°22 | 28°42 | 5°31 | S 27 |
| S 28 | 16 22 59 | 7° 3'31 | 27°50 | 22° 6 | 13°51 | 19°11 | 21°35 | 26°49 | 21° 1 | 28°48 | 5° 1 | 4° 5 | 3°18 | 28°49 | 5°33 | S 28 |
| M29 | 16 26 56 | 8° 1'14 | 9♒41 | 23°59 | 14°12 | 19°57 | 21°28 | 26°50 | 21° 4 | 28°47 | 5° 2 | 3°58 | 3°15 | 28°55 | 5°36 | M29 |
| T 30 | 16 30 52 | 8°58'57 | 21°33 | 25°49 | 14°30 | 20°42 | 21°20 | 26°51 | 21° 6 | 28°47 | 5° 3 | 3°55 | 3°12 | 29° 2 | 5°39 | T 30 |
| W31 | 16 34 49 | 9♊56'38 | 3♓29 | 27♊36 | 14♋47 | 21♈28 | 21♐13 | 26♒51 | 21♈ 9 | 28♍47 | 5♌ 4 | 3♈53 | 3♈ 9 | 29♑ 9 | 5♍42 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n 4 | 24s19 | 4s41 | 8n19 | 1s59 | 27n11 | 3n51 | 1s48 | 1s18 | 22s33 | 0n42 | 13s46 | 0s56 | 7n 6 | 0s38 | 1n28 | 1n14 | 22n 0 | 3n 3 | 2n17 | 1n53 | 25s39 | 4n16 | 5s47 |
| T 2 | 15 22 | 20 40 | 4 7 | 9 5 | 1 53 | 27 14 | 3 53 | 1 30 | 1 18 | 22 33 | 0 42 | 13 45 | 0 56 | 7 7 | 0 38 | 1 28 | 1 14 | 22 0 | 3 3 | 2 17 | 1 51 | 25 38 | 4 17 | 5 46 |
| W 3 | 15 40 | 16 11 | 3 22 | 9 51 | 1 46 | 27 16 | 3 54 | 1 11 | 1 18 | 22 33 | 0 42 | 13 44 | 0 57 | 7 8 | 0 38 | 1 29 | 1 14 | 22 0 | 3 3 | 2 17 | 1 50 | 25 36 | 4 18 | 5 45 |
| T 4 | 15 57 | 10 59 | 2 28 | 10 38 | 1 39 | 27 18 | 3 55 | 0 53 | 1 18 | 22 32 | 0 42 | 13 43 | 0 57 | 7 10 | 0 38 | 1 29 | 1 14 | 22 0 | 3 3 | 2 18 | 1 49 | 25 35 | 4 18 | 5 44 |
| F 5 | 16 15 | 5 17 | 1 25 | 11 24 | 1 31 | 27 19 | 3 56 | 0 35 | 1 18 | 22 32 | 0 42 | 13 42 | 0 57 | 7 11 | 0 38 | 1 30 | 1 14 | 22 0 | 3 3 | 2 19 | 1 48 | 25 33 | 4 19 | 5 43 |
| S 6 | 16 32 | 0n46 | 0 18 | 12 11 | 1 23 | 27 20 | 3 57 | 0 16 | 1 18 | 22 32 | 0 42 | 13 41 | 0 57 | 7 12 | 0 38 | 1 30 | 1 14 | 22 0 | 3 3 | 2 19 | 1 46 | 25 31 | 4 20 | 5 42 |
| S 7 | 16 48 | 6 58 | 0n53 | 12 59 | 1 15 | 27 20 | 3 57 | 0n 2 | 1 18 | 22 32 | 0 42 | 13 40 | 0 57 | 7 13 | 0 38 | 1 30 | 1 14 | 22 0 | 3 3 | 2 19 | 1 45 | 25 30 | 4 20 | 5 42 |
| M 8 | 17 5 | 13 2 | 2 2 | 13 46 | 1 6 | 27 20 | 3 58 | 0 20 | 1 18 | 22 32 | 0 42 | 13 39 | 0 57 | 7 14 | 0 38 | 1 31 | 1 14 | 21 59 | 3 3 | 2 18 | 1 44 | 25 28 | 4 21 | 5 41 |
| T 9 | 17 21 | 18 38 | 3 7 | 14 33 | 0 56 | 27 20 | 3 58 | 0 39 | 1 18 | 22 31 | 0 42 | 13 39 | 0 58 | 7 16 | 0 38 | 1 31 | 1 14 | 21 59 | 3 3 | 2 16 | 1 43 | 25 26 | 4 22 | 5 40 |
| W10 | 17 37 | 23 21 | 4 1 | 15 19 | 0 47 | 27 19 | 3 58 | 0 57 | 1 18 | 22 31 | 0 42 | 13 38 | 0 58 | 7 17 | 0 38 | 1 31 | 1 14 | 21 59 | 3 3 | 2 14 | 1 41 | 25 25 | 4 22 | 5 39 |
| T 11 | 17 52 | 26 44 | 4 41 | 16 5 | 0 37 | 27 17 | 3 58 | 1 15 | 1 18 | 22 31 | 0 42 | 13 37 | 0 58 | 7 18 | 0 38 | 1 32 | 1 13 | 21 59 | 3 3 | 2 11 | 1 40 | 25 23 | 4 23 | 5 38 |
| F 12 | 18 8 | 28 23 | 5 3 | 16 51 | 0 27 | 27 15 | 3 58 | 1 33 | 1 18 | 22 31 | 0 42 | 13 36 | 0 58 | 7 19 | 0 38 | 1 32 | 1 13 | 21 59 | 3 3 | 2 9 | 1 39 | 25 21 | 4 23 | 5 37 |
| S 13 | 18 22 | 28 4 | 5 6 | 17 35 | 0 16 | 27 13 | 3 57 | 1 52 | 1 18 | 22 31 | 0 42 | 13 36 | 0 58 | 7 20 | 0 38 | 1 32 | 1 13 | 21 59 | 3 3 | 2 6 | 1 38 | 25 20 | 4 24 | 5 36 |
| S 14 | 18 37 | 25 50 | 4 50 | 18 19 | 0 6 | 27 10 | 3 56 | 2 10 | 1 18 | 22 30 | 0 42 | 13 35 | 0 58 | 7 21 | 0 38 | 1 33 | 1 13 | 21 58 | 3 3 | 2 4 | 1 36 | 25 18 | 4 24 | 5 36 |
| M15 | 18 51 | 21 57 | 4 15 | 19 1 | 0n 5 | 27 7 | 3 55 | 2 28 | 1 18 | 22 30 | 0 42 | 13 35 | 0 59 | 7 22 | 0 38 | 1 33 | 1 13 | 21 58 | 3 3 | 2 3 | 1 35 | 25 16 | 4 24 | 5 35 |
| T 16 | 19 5 | 16 51 | 3 25 | 19 42 | 0 15 | 27 3 | 3 54 | 2 46 | 1 18 | 22 30 | 0 42 | 13 34 | 0 59 | 7 23 | 0 38 | 1 33 | 1 13 | 21 58 | 3 3 | 2 3 | 1 34 | 25 15 | 4 25 | 5 34 |
| W17 | 19 19 | 10 57 | 2 23 | 20 21 | 0 26 | 26 59 | 3 52 | 3 4 | 1 18 | 22 30 | 0 42 | 13 34 | 0 59 | 7 25 | 0 38 | 1 34 | 1 13 | 21 58 | 3 3 | 2 3 | 1 33 | 25 13 | 4 25 | 5 33 |
| T 18 | 19 32 | 4 36 | 1 14 | 20 59 | 0 36 | 26 55 | 3 50 | 3 22 | 1 18 | 22 29 | 0 42 | 13 33 | 0 59 | 7 26 | 0 38 | 1 34 | 1 13 | 21 58 | 3 3 | 2 3 | 1 31 | 25 11 | 4 25 | 5 32 |
| F 19 | 19 45 | 1s51 | 0 2 | 21 34 | 0 46 | 26 50 | 3 48 | 3 40 | 1 18 | 22 29 | 0 42 | 13 33 | 0 59 | 7 27 | 0 38 | 1 34 | 1 13 | 21 58 | 3 3 | 2 3 | 1 30 | 25 10 | 4 25 | 5 31 |
| S 20 | 19 58 | 8 7 | 1s 8 | 22 8 | 0 56 | 26 46 | 3 46 | 3 58 | 1 18 | 22 29 | 0 42 | 13 32 | 0 59 | 7 28 | 0 38 | 1 34 | 1 13 | 21 57 | 3 3 | 2 3 | 1 29 | 25 8 | 4 26 | 5 31 |
| S 21 | 20 10 | 13 57 | 2 14 | 22 39 | 1 5 | 26 40 | 3 43 | 4 16 | 1 18 | 22 28 | 0 42 | 13 32 | 1 0 | 7 29 | 0 38 | 1 34 | 1 13 | 21 57 | 3 3 | 2 2 | 1 28 | 25 6 | 4 26 | 5 30 |
| M22 | 20 22 | 19 5 | 3 12 | 23 8 | 1 14 | 26 35 | 3 41 | 4 33 | 1 17 | 22 28 | 0 42 | 13 31 | 1 0 | 7 30 | 0 38 | 1 35 | 1 13 | 21 57 | 3 3 | 2 0 | 1 26 | 25 4 | 4 26 | 5 29 |
| T 23 | 20 34 | 23 17 | 4 0 | 23 34 | 1 23 | 26 29 | 3 37 | 4 51 | 1 17 | 22 28 | 0 42 | 13 31 | 1 0 | 7 31 | 0 38 | 1 35 | 1 13 | 21 57 | 3 3 | 1 57 | 1 25 | 25 3 | 4 26 | 5 28 |
| W24 | 20 45 | 26 19 | 4 35 | 23 57 | 1 31 | 26 23 | 3 34 | 5 9 | 1 17 | 22 27 | 0 42 | 13 31 | 1 0 | 7 32 | 0 38 | 1 35 | 1 13 | 21 57 | 3 3 | 1 53 | 1 24 | 25 1 | 4 26 | 5 27 |
| T 25 | 20 56 | 28 3 | 4 56 | 24 18 | 1 39 | 26 16 | 3 30 | 5 26 | 1 17 | 22 27 | 0 42 | 13 31 | 1 0 | 7 33 | 0 38 | 1 35 | 1 13 | 21 56 | 3 3 | 1 49 | 1 22 | 24 59 | 4 26 | 5 26 |
| F 26 | 21 6 | 28 23 | 5 3 | 24 37 | 1 45 | 26 10 | 3 26 | 5 44 | 1 17 | 22 27 | 0 41 | 13 30 | 1 1 | 7 34 | 0 38 | 1 35 | 1 13 | 21 56 | 3 3 | 1 44 | 1 21 | 24 57 | 4 26 | 5 26 |
| S 27 | 21 17 | 27 21 | 4 57 | 24 52 | 1 51 | 26 3 | 3 21 | 6 1 | 1 17 | 22 26 | 0 41 | 13 30 | 1 1 | 7 35 | 0 38 | 1 36 | 1 13 | 21 56 | 3 3 | 1 40 | 1 20 | 24 56 | 4 26 | 5 25 |
| S 28 | 21 26 | 25 5 | 4 38 | 25 6 | 1 57 | 25 56 | 3 17 | 6 19 | 1 16 | 22 26 | 0 41 | 13 30 | 1 1 | 7 36 | 0 38 | 1 36 | 1 13 | 21 56 | 3 3 | 1 37 | 1 19 | 24 54 | 4 25 | 5 24 |
| M29 | 21 36 | 21 45 | 4 7 | 25 16 | 2 1 | 25 48 | 3 11 | 6 36 | 1 16 | 22 26 | 0 41 | 13 30 | 1 1 | 7 37 | 0 38 | 1 36 | 1 13 | 21 55 | 3 3 | 1 35 | 1 17 | 24 52 | 4 25 | 5 23 |
| T 30 | 21 45 | 17 32 | 3 25 | 25 24 | 2 5 | 25 41 | 3 6 | 6 53 | 1 16 | 22 25 | 0 41 | 13 30 | 1 1 | 7 38 | 0 38 | 1 36 | 1 13 | 21 55 | 3 3 | 1 33 | 1 16 | 24 50 | 4 25 | 5 22 |
| W31 | 21n53 | 12s37 | 2s34 | 25n30 | 2n 8 | 25n33 | 3n 0 | 7n11 | 1s16 | 22s25 | 0n41 | 13s30 | 1s 1 | 7n39 | 0s38 | 1n36 | 1n13 | 21n55 | 3n 3 | 1n32 | 1n15 | 24s48 | 4n25 | 5s22 |

Julian Day Number = 2610180.5, Delta T = 10m20s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'46, Lahiri = 29°55'47


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## JUNE 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 38 45 | 10♊54'18 | 15♓34 | 29♊21 | 15♋ 2 | 22♈13 | 21°R 6 | 26♒52 | 21♈11 | 28°R47 | 5♌ 5 | 3°D53 | 3♈ 6 | 29♉15 | 5♍45 | T 1 |
| F 2 | 16 42 42 | 11°51'58 | 27°54 | 1♋ 2 | 15°15 | 22°59 | 20♐58 | 26°52 | 21°14 | 28♍46 | 5° 6 | 3°R53 | 3° 2 | 29°22 | 5°48 | F 2 |
| S 3 | 16 46 38 | 12°49'36 | 10♈34 | 2°40 | 15°26 | 23°44 | 20°51 | 26°53 | 21°16 | 28°46 | 5° 7 | 3♈53 | 2°59 | 29°29 | 5°51 | S 3 |
| S 4 | 16 50 35 | 13°47'14 | 23°38 | 4°16 | 15°35 | 24°29 | 20°43 | 26°53 | 21°18 | 28°46 | 5° 9 | 3°52 | 2°56 | 29°35 | 5°55 | S 4 |
| M 5 | 16 54 31 | 14°44'50 | 7♉10 | 5°48 | 15°41 | 25°15 | 20°36 | 26°53 | 21°21 | 28°46 | 5°10 | 3°48 | 2°53 | 29°42 | 5°58 | M 5 |
| T 6 | 16 58 28 | 15°42'26 | 21° 8 | 7°17 | 15°46 | 26° 0 | 20°28 | 26°R53 | 21°23 | 28°46 | 5°11 | 3°42 | 2°50 | 29°49 | 6° 1 | T 6 |
| W 7 | 17 2 25 | 16°40'01 | 5♊32 | 8°43 | 15°R48 | 26°45 | 20°21 | 26°53 | 21°25 | 28°46 | 5°12 | 3°33 | 2°47 | 29°56 | 6° 5 | W 7 |
| T 8 | 17 6 21 | 17°37'35 | 20°16 | 10° 6 | 15°48 | 27°30 | 20°13 | 26°53 | 21°28 | 28°45 | 5°13 | 3°23 | 2°43 | 0♒ 2 | 6° 9 | T 8 |
| F 9 | 17 10 18 | 18°35'08 | 5♋13 | 11°26 | 15°45 | 28°15 | 20° 5 | 26°53 | 21°30 | 28°D45 | 5°14 | 3°12 | 2°40 | 0° 9 | 6°13 | F 9 |
| S 10 | 17 14 14 | 19°32'39 | 20°12 | 12°42 | 15°40 | 29° 0 | 19°58 | 26°53 | 21°32 | 28°45 | 5°16 | 3° 2 | 2°37 | 0°16 | 6°16 | S 10 |
| S 11 | 17 18 11 | 20°30'10 | 5♌ 5 | 13°55 | 15°32 | 29°45 | 19°50 | 26°52 | 21°34 | 28°45 | 5°17 | 2°54 | 2°34 | 0°22 | 6°20 | S 11 |
| M12 | 17 22 7 | 21°27'39 | 19°44 | 15° 5 | 15°23 | 0♉30 | 19°42 | 26°52 | 21°36 | 28°46 | 5°18 | 2°49 | 2°31 | 0°29 | 6°25 | M12 |
| T 13 | 17 26 4 | 22°25'07 | 4♍ 4 | 16°11 | 15°10 | 1°15 | 19°35 | 26°51 | 21°38 | 28°46 | 5°19 | 2°46 | 2°28 | 0°36 | 6°29 | T 13 |
| W14 | 17 30 0 | 23°22'34 | 18° 4 | 17°14 | 14°56 | 2° 0 | 19°27 | 26°50 | 21°40 | 28°46 | 5°21 | 2°45 | 2°24 | 0°43 | 6°33 | W14 |
| T 15 | 17 33 57 | 24°19'59 | 1♎43 | 18°13 | 14°39 | 2°45 | 19°20 | 26°49 | 21°42 | 28°46 | 5°22 | 2°45 | 2°21 | 0°49 | 6°37 | T 15 |
| F 16 | 17 37 54 | 25°17'24 | 15° 3 | 19° 8 | 14°19 | 3°29 | 19°12 | 26°48 | 21°44 | 28°46 | 5°23 | 2°45 | 2°18 | 0°56 | 6°42 | F 16 |
| S 17 | 17 41 50 | 26°14'47 | 28° 7 | 20° 0 | 13°57 | 4°14 | 19° 4 | 26°47 | 21°46 | 28°46 | 5°25 | 2°43 | 2°15 | 1° 3 | 6°46 | S 17 |
| S 18 | 17 45 47 | 27°12'09 | 10♏56 | 20°48 | 13°34 | 4°59 | 18°57 | 26°46 | 21°48 | 28°47 | 5°26 | 2°39 | 2°12 | 1° 9 | 6°51 | S 18 |
| M19 | 17 49 43 | 28° 9'30 | 23°33 | 21°32 | 13° 8 | 5°43 | 18°49 | 26°45 | 21°50 | 28°47 | 5°27 | 2°32 | 2° 8 | 1°16 | 6°56 | M19 |
| T 20 | 17 53 40 | 29° 6'51 | 6♐ 0 | 22°12 | 12°40 | 6°28 | 18°42 | 26°44 | 21°52 | 28°47 | 5°29 | 2°22 | 2° 5 | 1°23 | 7° 1 | T 20 |
| W21 | 17 57 36 | 0♋ 4'11 | 18°18 | 22°48 | 12°10 | 7°12 | 18°35 | 26°43 | 21°53 | 28°48 | 5°30 | 2°10 | 2° 2 | 1°30 | 7° 5 | W21 |
| T 22 | 18 1 33 | 1° 1'30 | 0♑28 | 23°20 | 11°38 | 7°56 | 18°27 | 26°41 | 21°55 | 28°48 | 5°31 | 1°57 | 1°59 | 1°36 | 7°10 | T 22 |
| F 23 | 18 5 29 | 1°58'48 | 12°31 | 23°48 | 11° 5 | 8°41 | 18°20 | 26°39 | 21°57 | 28°49 | 5°33 | 1°43 | 1°56 | 1°43 | 7°15 | F 23 |
| S 24 | 18 9 26 | 2°56'06 | 24°27 | 24°11 | 10°31 | 9°25 | 18°13 | 26°38 | 21°58 | 28°49 | 5°34 | 1°30 | 1°53 | 1°50 | 7°21 | S 24 |
| S 25 | 18 13 23 | 3°53'23 | 6♒19 | 24°30 | 9°56 | 10° 9 | 18° 6 | 26°36 | 22° 0 | 28°50 | 5°36 | 1°19 | 1°49 | 1°56 | 7°26 | S 25 |
| M26 | 18 17 19 | 4°50'40 | 18° 9 | 24°44 | 9°19 | 10°53 | 17°58 | 26°34 | 22° 1 | 28°50 | 5°37 | 1°11 | 1°46 | 2° 3 | 7°31 | M26 |
| T 27 | 18 21 16 | 5°47'57 | 0♓ 0 | 24°53 | 8°42 | 11°37 | 17°52 | 26°32 | 22° 3 | 28°51 | 5°39 | 1° 5 | 1°43 | 2°10 | 7°36 | T 27 |
| W28 | 18 25 12 | 6°45'13 | 11°55 | 24°59 | 8° 5 | 12°21 | 17°45 | 26°30 | 22° 4 | 28°51 | 5°40 | 1° 2 | 1°40 | 2°16 | 7°42 | W28 |
| T 29 | 18 29 9 | 7°42'29 | 24° 0 | 24°R59 | 7°27 | 13° 5 | 17°38 | 26°28 | 22° 6 | 28°52 | 5°42 | 1° 1 | 1°37 | 2°23 | 7°47 | T 29 |
| F 30 | 18 33 5 | 8♋39'44 | 6♈18 | 24♋55 | 6♋50 | 13♉49 | 17♐31 | 26♒26 | 22♈ 7 | 28♍52 | 5♌43 | 1♈ 1 | 1♈34 | 2♒30 | 7♍53 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 2 | 7s 9 | 1s36 | 25n33 | 2n10 | 25n25 | 2n54 | 7n28 | 1s16 | 22s24 | 0n41 | 13s30 | 1s 2 | 7n40 | 0s38 | 1n36 | 1n13 | 21n55 | 3n 3 | 1n32 | 1n14 | 24s47 | 4n24 | 5s21 |
| F 2 | 22 10 | 1 19 | 0 32 | 25 35 | 2 12 | 25 17 | 2 47 | 7 45 | 1 15 | 22 24 | 0 41 | 13 30 | 1 2 | 7 40 | 0 38 | 1 36 | 1 13 | 21 54 | 3 3 | 1 33 | 1 12 | 24 45 | 4 24 | 5 20 |
| S 3 | 22 17 | 4n43 | 0n35 | 25 34 | 2 12 | 25 8 | 2 40 | 8 2 | 1 15 | 22 24 | 0 41 | 13 30 | 1 2 | 7 41 | 0 38 | 1 36 | 1 13 | 21 54 | 3 3 | 1 33 | 1 11 | 24 43 | 4 23 | 5 19 |
| S 4 | 22 24 | 10 45 | 1 43 | 25 31 | 2 12 | 25 0 | 2 32 | 8 18 | 1 15 | 22 23 | 0 41 | 13 30 | 1 2 | 7 42 | 0 38 | 1 36 | 1 13 | 21 54 | 3 3 | 1 32 | 1 10 | 24 41 | 4 23 | 5 18 |
| M 5 | 22 31 | 16 30 | 2 47 | 25 26 | 2 11 | 24 51 | 2 24 | 8 35 | 1 15 | 22 23 | 0 41 | 13 30 | 1 2 | 7 43 | 0 38 | 1 36 | 1 13 | 21 54 | 3 3 | 1 30 | 1 9 | 24 39 | 4 23 | 5 18 |
| T 6 | 22 37 | 21 35 | 3 43 | 25 20 | 2 9 | 24 42 | 2 16 | 8 52 | 1 14 | 22 22 | 0 40 | 13 30 | 1 2 | 7 44 | 0 38 | 1 36 | 1 13 | 21 53 | 3 3 | 1 28 | 1 7 | 24 38 | 4 22 | 5 17 |
| W 7 | 22 43 | 25 33 | 4 26 | 25 12 | 2 7 | 24 33 | 2 7 | 9 8 | 1 14 | 22 22 | 0 40 | 13 30 | 1 3 | 7 45 | 0 38 | 1 36 | 1 13 | 21 53 | 3 3 | 1 24 | 1 6 | 24 36 | 4 21 | 5 16 |
| T 8 | 22 49 | 27 54 | 4 53 | 25 3 | 2 3 | 24 24 | 1 58 | 9 25 | 1 14 | 22 21 | 0 40 | 13 30 | 1 3 | 7 46 | 0 38 | 1 36 | 1 13 | 21 53 | 3 3 | 1 20 | 1 5 | 24 34 | 4 21 | 5 15 |
| F 9 | 22 54 | 28 18 | 5 1 | 24 52 | 1 59 | 24 15 | 1 48 | 9 41 | 1 13 | 22 21 | 0 40 | 13 31 | 1 3 | 7 46 | 0 38 | 1 36 | 1 13 | 21 52 | 3 3 | 1 16 | 1 4 | 24 32 | 4 20 | 5 15 |
| S 10 | 22 58 | 26 37 | 4 48 | 24 40 | 1 54 | 24 5 | 1 38 | 9 57 | 1 13 | 22 20 | 0 40 | 13 31 | 1 3 | 7 47 | 0 38 | 1 36 | 1 13 | 21 52 | 3 3 | 1 12 | 1 2 | 24 30 | 4 19 | 5 14 |
| S 11 | 23 3 | 23 5 | 4 15 | 24 27 | 1 48 | 23 56 | 1 27 | 10 13 | 1 13 | 22 20 | 0 40 | 13 31 | 1 3 | 7 48 | 0 38 | 1 36 | 1 13 | 21 52 | 3 3 | 1 9 | 1 1 | 24 28 | 4 19 | 5 13 |
| M12 | 23 7 | 18 8 | 3 27 | 24 13 | 1 41 | 23 46 | 1 16 | 10 29 | 1 13 | 22 20 | 0 40 | 13 32 | 1 4 | 7 49 | 0 38 | 1 36 | 1 13 | 21 52 | 3 3 | 1 7 | 1 0 | 24 26 | 4 18 | 5 12 |
| T 13 | 23 10 | 12 15 | 2 25 | 23 57 | 1 34 | 23 36 | 1 5 | 10 45 | 1 12 | 22 19 | 0 40 | 13 32 | 1 4 | 7 49 | 0 38 | 1 36 | 1 13 | 21 51 | 3 3 | 1 6 | 0 59 | 24 24 | 4 17 | 5 11 |
| W14 | 23 13 | 5 53 | 1 17 | 23 41 | 1 25 | 23 26 | 0 53 | 11 1 | 1 12 | 22 19 | 0 40 | 13 32 | 1 4 | 7 50 | 0 38 | 1 36 | 1 12 | 21 51 | 3 3 | 1 6 | 0 57 | 24 23 | 4 16 | 5 11 |
| T 15 | 23 16 | 0s36 | 0 5 | 23 25 | 1 16 | 23 15 | 0 41 | 11 17 | 1 11 | 22 18 | 0 39 | 13 33 | 1 4 | 7 51 | 0 38 | 1 36 | 1 12 | 21 51 | 3 3 | 1 6 | 0 56 | 24 21 | 4 15 | 5 10 |
| F 16 | 23 18 | 6 55 | 1s 5 | 23 7 | 1 7 | 23 5 | 0 28 | 11 32 | 1 11 | 22 18 | 0 39 | 13 33 | 1 4 | 7 52 | 0 38 | 1 36 | 1 12 | 21 50 | 3 3 | 1 5 | 0 55 | 24 19 | 4 14 | 5 9 |
| S 17 | 23 20 | 12 48 | 2 10 | 22 50 | 0 56 | 22 54 | 0 15 | 11 48 | 1 11 | 22 17 | 0 39 | 13 34 | 1 4 | 7 52 | 0 38 | 1 36 | 1 12 | 21 50 | 3 3 | 1 5 | 0 54 | 24 17 | 4 13 | 5 8 |
| S 18 | 23 21 | 18 2 | 3 7 | 22 31 | 0 45 | 22 44 | 0 2 | 12 3 | 1 10 | 22 17 | 0 39 | 13 34 | 1 5 | 7 53 | 0 38 | 1 35 | 1 12 | 21 50 | 3 3 | 1 3 | 0 52 | 24 15 | 4 12 | 5 8 |
| M19 | 23 22 | 22 24 | 3 54 | 22 13 | 0 33 | 22 33 | 0s12 | 12 18 | 1 10 | 22 16 | 0 39 | 13 35 | 1 5 | 7 54 | 0 38 | 1 35 | 1 12 | 21 49 | 3 3 | 1 0 | 0 51 | 24 13 | 4 11 | 5 7 |
| T 20 | 23 23 | 25 40 | 4 29 | 21 54 | 0 21 | 22 22 | 0 25 | 12 33 | 1 10 | 22 16 | 0 39 | 13 36 | 1 5 | 7 54 | 0 38 | 1 35 | 1 12 | 21 49 | 3 3 | 0 56 | 0 50 | 24 11 | 4 10 | 5 6 |
| W21 | 23 23 | 27 42 | 4 51 | 21 35 | 0 8 | 22 11 | 0 39 | 12 48 | 1 9 | 22 15 | 0 39 | 13 36 | 1 5 | 7 55 | 0 38 | 1 35 | 1 12 | 21 49 | 3 3 | 0 52 | 0 48 | 24 9 | 4 9 | 5 6 |
| T 22 | 23 23 | 28 22 | 4 59 | 21 17 | 0s 6 | 21 59 | 0 53 | 13 2 | 1 9 | 22 15 | 0 38 | 13 37 | 1 5 | 7 55 | 0 39 | 1 35 | 1 12 | 21 48 | 3 3 | 0 46 | 0 47 | 24 7 | 4 8 | 5 5 |
| F 23 | 23 22 | 27 41 | 4 54 | 20 58 | 0 20 | 21 48 | 1 8 | 13 17 | 1 8 | 22 14 | 0 38 | 13 38 | 1 5 | 7 56 | 0 39 | 1 35 | 1 12 | 21 48 | 3 3 | 0 41 | 0 46 | 24 5 | 4 7 | 5 4 |
| S 24 | 23 21 | 25 43 | 4 36 | 20 39 | 0 35 | 21 37 | 1 22 | 13 31 | 1 8 | 22 14 | 0 38 | 13 38 | 1 6 | 7 57 | 0 39 | 1 34 | 1 12 | 21 48 | 3 3 | 0 36 | 0 45 | 24 3 | 4 6 | 5 3 |
| S 25 | 23 20 | 22 37 | 4 6 | 20 21 | 0 50 | 21 25 | 1 36 | 13 46 | 1 7 | 22 13 | 0 38 | 13 39 | 1 6 | 7 57 | 0 39 | 1 34 | 1 12 | 21 47 | 3 3 | 0 31 | 0 43 | 24 1 | 4 4 | 5 3 |
| M26 | 23 18 | 18 37 | 3 26 | 20 3 | 1 6 | 21 14 | 1 50 | 14 0 | 1 7 | 22 13 | 0 38 | 13 40 | 1 6 | 7 58 | 0 39 | 1 34 | 1 12 | 21 47 | 3 3 | 0 28 | 0 42 | 23 59 | 4 3 | 5 2 |
| T 27 | 23 16 | 13 53 | 2 36 | 19 46 | 1 22 | 21 2 | 2 4 | 14 14 | 1 6 | 22 12 | 0 38 | 13 41 | 1 6 | 7 58 | 0 39 | 1 34 | 1 12 | 21 47 | 3 3 | 0 26 | 0 41 | 23 57 | 4 2 | 5 1 |
| W28 | 23 13 | 8 36 | 1 39 | 19 29 | 1 38 | 20 51 | 2 18 | 14 28 | 1 6 | 22 12 | 0 38 | 13 41 | 1 6 | 7 59 | 0 39 | 1 33 | 1 12 | 21 46 | 3 3 | 0 25 | 0 40 | 23 55 | 4 0 | 5 1 |
| T 29 | 23 10 | 2 57 | 0 37 | 19 13 | 1 54 | 20 39 | 2 32 | 14 41 | 1 5 | 22 11 | 0 37 | 13 42 | 1 6 | 7 59 | 0 39 | 1 33 | 1 12 | 21 46 | 3 3 | 0 24 | 0 38 | 23 53 | 3 59 | 5 0 |
| F 30 | 23n 6 | 2n55 | 0n28 | 18n58 | 2s10 | 20n28 | 2s45 | 14n55 | 1s 5 | 22s11 | 0n37 | 13s43 | 1s 7 | 8n 0 | 0s39 | 1n33 | 1n12 | 21n46 | 3n 3 | 0n24 | 0n37 | 23s51 | 3n57 | 4s59 |

Julian Day Number = 2610211.5, Delta T = 10m21s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'50, Lahiri = 29°55'52


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## JULY 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 2 | 9♋37'00 | 18♈55 | 24°R47 | 6°R12 | 14♉33 | 17°R24 | 26°R24 | 22♈ 8 | 28♍53 | 5♎45 | 1°R 1 | 1♈30 | 2♒37 | 7♍59 | S 1 |
| S 2 | 18 40 58 | 10°34'15 | 1♉56 | 24♋34 | 5♋36 | 15°17 | 17♐18 | 26♒21 | 22°10 | 28°54 | 5°46 | 1♈ 0 | 1°27 | 2°43 | 8° 5 | S 2 |
| M 3 | 18 44 55 | 11°31'31 | 15°25 | 24°17 | 5° 0 | 16° 0 | 17°11 | 26°19 | 22°11 | 28°55 | 5°48 | 0°56 | 1°24 | 2°50 | 8°10 | M 3 |
| T 4 | 18 48 52 | 12°28'47 | 29°24 | 23°56 | 4°25 | 16°44 | 17° 5 | 26°17 | 22°12 | 28°55 | 5°49 | 0°50 | 1°21 | 2°57 | 8°16 | T 4 |
| W 5 | 18 52 48 | 13°26'02 | 13♊51 | 23°32 | 3°51 | 17°28 | 16°59 | 26°14 | 22°13 | 28°56 | 5°51 | 0°42 | 1°18 | 3° 3 | 8°22 | W 5 |
| T 6 | 18 56 45 | 14°23'18 | 28°43 | 23° 4 | 3°19 | 18°11 | 16°53 | 26°11 | 22°14 | 28°57 | 5°52 | 0°32 | 1°14 | 3°10 | 8°28 | T 6 |
| F 7 | 19 0 41 | 15°20'33 | 13♋51 | 22°34 | 2°48 | 18°54 | 16°47 | 26° 8 | 22°15 | 28°58 | 5°54 | 0°22 | 1°11 | 3°17 | 8°35 | F 7 |
| S 8 | 19 4 38 | 16°17'49 | 29° 6 | 22° 1 | 2°19 | 19°38 | 16°41 | 26° 6 | 22°16 | 28°59 | 5°55 | 0°12 | 1° 8 | 3°23 | 8°41 | S 8 |
| S 9 | 19 8 34 | 17°15'04 | 14♌16 | 21°26 | 1°51 | 20°21 | 16°35 | 26° 3 | 22°17 | 29° 0 | 5°57 | 0° 4 | 1° 5 | 3°30 | 8°47 | S 9 |
| M10 | 19 12 31 | 18°12'18 | 29°11 | 20°50 | 1°26 | 21° 4 | 16°30 | 26° 0 | 22°18 | 29° 1 | 5°59 | 29♓58 | 1° 2 | 3°37 | 8°53 | M10 |
| T 11 | 19 16 28 | 19° 9'33 | 13♍46 | 20°13 | 1° 3 | 21°47 | 16°24 | 25°57 | 22°19 | 29° 2 | 6° 0 | 29°56 | 0°59 | 3°44 | 9° 0 | T 11 |
| W12 | 19 20 24 | 20° 6'47 | 27°55 | 19°36 | 0°42 | 22°30 | 16°19 | 25°54 | 22°20 | 29° 3 | 6° 2 | 29°D55 | 0°55 | 3°50 | 9° 6 | W12 |
| T 13 | 19 24 21 | 21° 4'00 | 11♎39 | 19° 0 | 0°23 | 23°13 | 16°14 | 25°50 | 22°20 | 29° 4 | 6° 3 | 29°55 | 0°52 | 3°57 | 9°13 | T 13 |
| F 14 | 19 28 17 | 22° 1'14 | 24°59 | 18°25 | 0° 6 | 23°56 | 16° 9 | 25°47 | 22°21 | 29° 5 | 6° 5 | 29°R55 | 0°49 | 4° 4 | 9°19 | F 14 |
| S 15 | 19 32 14 | 22°58'27 | 7♏58 | 17°51 | 29♊52 | 24°39 | 16° 4 | 25°44 | 22°22 | 29° 6 | 6° 7 | 29°54 | 0°46 | 4°10 | 9°26 | S 15 |
| S 16 | 19 36 10 | 23°55'40 | 20°39 | 17°20 | 29°40 | 25°21 | 15°59 | 25°40 | 22°22 | 29° 7 | 6° 8 | 29°51 | 0°43 | 4°17 | 9°33 | S 16 |
| M17 | 19 40 7 | 24°52'53 | 3♐ 6 | 16°52 | 29°31 | 26° 4 | 15°55 | 25°37 | 22°23 | 29° 8 | 6°10 | 29°46 | 0°40 | 4°24 | 9°39 | M17 |
| T 18 | 19 44 3 | 25°50'06 | 15°22 | 16°28 | 29°24 | 26°47 | 15°50 | 25°33 | 22°23 | 29° 9 | 6°12 | 29°38 | 0°36 | 4°30 | 9°46 | T 18 |
| W19 | 19 48 0 | 26°47'19 | 27°29 | 16° 7 | 29°19 | 27°29 | 15°46 | 25°30 | 22°24 | 29°11 | 6°13 | 29°28 | 0°33 | 4°37 | 9°53 | W19 |
| T 20 | 19 51 57 | 27°44'32 | 9♑29 | 15°51 | 29°D17 | 28°11 | 15°42 | 25°26 | 22°24 | 29°12 | 6°15 | 29°17 | 0°30 | 4°44 | 10° 0 | T 20 |
| F 21 | 19 55 53 | 28°41'45 | 21°25 | 15°39 | 29°17 | 28°54 | 15°38 | 25°23 | 22°25 | 29°13 | 6°17 | 29° 5 | 0°27 | 4°51 | 10° 7 | F 21 |
| S 22 | 19 59 50 | 29°38'59 | 3♒17 | 15°33 | 29°20 | 29°36 | 15°34 | 25°19 | 22°25 | 29°14 | 6°18 | 28°55 | 0°24 | 4°57 | 10°14 | S 22 |
| S 23 | 20 3 46 | 0♌36'12 | 15° 8 | 15°D31 | 29°24 | 0♊18 | 15°31 | 25°15 | 22°25 | 29°16 | 6°20 | 28°46 | 0°20 | 5° 4 | 10°21 | S 23 |
| M24 | 20 7 43 | 1°33'27 | 26°59 | 15°35 | 29°31 | 1° 0 | 15°27 | 25°11 | 22°25 | 29°17 | 6°22 | 28°39 | 0°17 | 5°11 | 10°28 | M24 |
| T 25 | 20 11 39 | 2°30'41 | 8♓52 | 15°44 | 29°40 | 1°42 | 15°24 | 25° 7 | 22°25 | 29°18 | 6°23 | 28°35 | 0°14 | 5°17 | 10°36 | T 25 |
| W26 | 20 15 36 | 3°27'56 | 20°50 | 15°59 | 29°51 | 2°24 | 15°21 | 25° 3 | 22°26 | 29°20 | 6°25 | 28°33 | 0°11 | 5°24 | 10°43 | W26 |
| T 27 | 20 19 32 | 4°25'12 | 2♈57 | 16°19 | 0♋ 4 | 3° 5 | 15°18 | 24°59 | 22°26 | 29°21 | 6°27 | 28°D32 | 0° 8 | 5°31 | 10°50 | T 27 |
| F 28 | 20 23 29 | 5°22'28 | 15°17 | 16°45 | 0°19 | 3°47 | 15°15 | 24°55 | 22°R26 | 29°23 | 6°28 | 28°33 | 0° 5 | 5°37 | 10°58 | F 28 |
| S 29 | 20 27 26 | 6°19'45 | 27°54 | 17°17 | 0°37 | 4°29 | 15°13 | 24°51 | 22°26 | 29°24 | 6°30 | 28°34 | 0° 1 | 5°44 | 11° 5 | S 29 |
| S 30 | 20 31 22 | 7°17'03 | 10♉53 | 17°55 | 0°56 | 5°10 | 15°10 | 24°47 | 22°26 | 29°26 | 6°32 | 28°R34 | 29♓58 | 5°51 | 11°12 | S 30 |
| M31 | 20 35 19 | 8♌14'22 | 24♉17 | 18♋38 | 1♋16 | 5♊52 | 15♐ 8 | 24♒43 | 22♈25 | 29♍27 | 6♌33 | 28♓33 | 29♓55 | 5♒58 | 11♍20 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 2 | 8n50 | 1n33 | 18n43 | 2s27 | 20n17 | 2s58 | 15n 8 | 1s 4 | 22s11 | 0n37 | 13s44 | 1s 7 | 8n 0 | 0s39 | 1n33 | 1n12 | 21n45 | 3n 3 | 0n24 | 0n36 | 23s49 | 3n56 | 4s59 |
| S 2 | 22 58 | 14 33 | 2 36 | 18 29 | 2 43 | 20 6 | 3 11 | 15 22 | 1 4 | 22 10 | 0 37 | 13 45 | 1 7 | 8 1 | 0 39 | 1 32 | 1 12 | 21 45 | 3 3 | 0 24 | 0 35 | 23 47 | 3 54 | 4 58 |
| M 3 | 22 53 | 19 48 | 3 32 | 18 17 | 2 59 | 19 55 | 3 23 | 15 35 | 1 3 | 22 10 | 0 37 | 13 46 | 1 7 | 8 1 | 0 39 | 1 32 | 1 12 | 21 45 | 3 4 | 0 22 | 0 33 | 23 45 | 3 53 | 4 57 |
| T 4 | 22 48 | 24 10 | 4 18 | 18 5 | 3 14 | 19 44 | 3 35 | 15 48 | 1 3 | 22 9 | 0 37 | 13 47 | 1 7 | 8 1 | 0 39 | 1 32 | 1 12 | 21 44 | 3 4 | 0 20 | 0 32 | 23 43 | 3 51 | 4 57 |
| W 5 | 22 43 | 27 11 | 4 48 | 17 55 | 3 29 | 19 34 | 3 46 | 16 0 | 1 2 | 22 9 | 0 36 | 13 48 | 1 7 | 8 2 | 0 39 | 1 31 | 1 12 | 21 44 | 3 4 | 0 17 | 0 31 | 23 41 | 3 50 | 4 56 |
| T 6 | 22 37 | 28 24 | 5 1 | 17 45 | 3 43 | 19 24 | 3 57 | 16 13 | 1 2 | 22 8 | 0 36 | 13 49 | 1 8 | 8 2 | 0 39 | 1 31 | 1 12 | 21 44 | 3 4 | 0 13 | 0 30 | 23 39 | 3 48 | 4 56 |
| F 7 | 22 30 | 27 31 | 4 53 | 17 37 | 3 56 | 19 15 | 4 7 | 16 25 | 1 1 | 22 8 | 0 36 | 13 50 | 1 8 | 8 3 | 0 39 | 1 31 | 1 12 | 21 43 | 3 4 | 0 9 | 0 28 | 23 37 | 3 46 | 4 55 |
| S 8 | 22 24 | 24 36 | 4 24 | 17 30 | 4 8 | 19 6 | 4 16 | 16 38 | 1 1 | 22 8 | 0 36 | 13 51 | 1 8 | 8 3 | 0 39 | 1 30 | 1 12 | 21 43 | 3 4 | 0 5 | 0 27 | 23 35 | 3 45 | 4 54 |
| S 9 | 22 17 | 19 58 | 3 37 | 17 25 | 4 19 | 18 57 | 4 25 | 16 50 | 1 0 | 22 7 | 0 36 | 13 53 | 1 8 | 8 3 | 0 39 | 1 30 | 1 12 | 21 42 | 3 4 | 0 2 | 0 26 | 23 33 | 3 43 | 4 54 |
| M10 | 22 9 | 14 9 | 2 35 | 17 21 | 4 29 | 18 49 | 4 34 | 17 2 | 1 0 | 22 7 | 0 35 | 13 54 | 1 8 | 8 4 | 0 39 | 1 29 | 1 12 | 21 42 | 3 4 | 0s 1 | 0 25 | 23 31 | 3 41 | 4 53 |
| T 11 | 22 1 | 7 41 | 1 25 | 17 18 | 4 37 | 18 42 | 4 41 | 17 13 | 0 59 | 22 6 | 0 35 | 13 55 | 1 8 | 8 4 | 0 39 | 1 29 | 1 12 | 21 42 | 3 4 | 0 2 | 0 23 | 23 29 | 3 39 | 4 52 |
| W12 | 21 53 | 0 59 | 0 11 | 17 16 | 4 44 | 18 35 | 4 48 | 17 25 | 0 58 | 22 6 | 0 35 | 13 56 | 1 9 | 8 4 | 0 39 | 1 28 | 1 12 | 21 41 | 3 4 | 0 2 | 0 22 | 23 27 | 3 37 | 4 52 |
| T 13 | 21 44 | 5s33 | 1s 2 | 17 16 | 4 49 | 18 28 | 4 55 | 17 36 | 0 58 | 22 6 | 0 35 | 13 57 | 1 9 | 8 4 | 0 39 | 1 28 | 1 12 | 21 41 | 3 4 | 0 2 | 0 21 | 23 25 | 3 36 | 4 51 |
| F 14 | 21 35 | 11 39 | 2 9 | 17 17 | 4 53 | 18 22 | 5 1 | 17 47 | 0 57 | 22 5 | 0 35 | 13 59 | 1 9 | 8 5 | 0 39 | 1 28 | 1 12 | 21 41 | 3 4 | 0 2 | 0 19 | 23 23 | 3 34 | 4 51 |
| S 15 | 21 26 | 17 6 | 3 8 | 17 20 | 4 55 | 18 17 | 5 6 | 17 59 | 0 56 | 22 5 | 0 35 | 14 0 | 1 9 | 8 5 | 0 39 | 1 27 | 1 12 | 21 40 | 3 4 | 0 2 | 0 18 | 23 21 | 3 32 | 4 50 |
| S 16 | 21 16 | 21 40 | 3 56 | 17 23 | 4 55 | 18 12 | 5 11 | 18 9 | 0 56 | 22 5 | 0 34 | 14 1 | 1 9 | 8 5 | 0 39 | 1 27 | 1 11 | 21 40 | 3 4 | 0 4 | 0 17 | 23 19 | 3 30 | 4 50 |
| M17 | 21 6 | 25 10 | 4 31 | 17 28 | 4 54 | 18 8 | 5 16 | 18 20 | 0 55 | 22 5 | 0 34 | 14 2 | 1 9 | 8 5 | 0 39 | 1 26 | 1 11 | 21 40 | 3 4 | 0 6 | 0 16 | 23 16 | 3 28 | 4 49 |
| T 18 | 20 56 | 27 27 | 4 54 | 17 34 | 4 51 | 18 4 | 5 19 | 18 30 | 0 54 | 22 4 | 0 34 | 14 4 | 1 9 | 8 5 | 0 39 | 1 26 | 1 11 | 21 39 | 3 4 | 0 9 | 0 14 | 23 14 | 3 26 | 4 48 |
| W19 | 20 45 | 28 24 | 5 3 | 17 40 | 4 47 | 18 1 | 5 22 | 18 41 | 0 54 | 22 4 | 0 34 | 14 5 | 1 10 | 8 5 | 0 39 | 1 25 | 1 11 | 21 39 | 3 4 | 0 13 | 0 13 | 23 12 | 3 24 | 4 48 |
| T 20 | 20 34 | 28 0 | 4 58 | 17 48 | 4 41 | 17 58 | 5 25 | 18 51 | 0 53 | 22 4 | 0 34 | 14 6 | 1 10 | 8 6 | 0 39 | 1 25 | 1 11 | 21 39 | 3 4 | 0 17 | 0 12 | 23 10 | 3 22 | 4 47 |
| F 21 | 20 22 | 26 18 | 4 41 | 17 56 | 4 34 | 17 56 | 5 27 | 19 1 | 0 52 | 22 4 | 0 33 | 14 8 | 1 10 | 8 6 | 0 39 | 1 24 | 1 11 | 21 38 | 3 4 | 0 22 | 0 11 | 23 8 | 3 20 | 4 47 |
| S 22 | 20 11 | 23 27 | 4 11 | 18 5 | 4 26 | 17 54 | 5 29 | 19 11 | 0 52 | 22 3 | 0 33 | 14 9 | 1 10 | 8 6 | 0 39 | 1 24 | 1 11 | 21 38 | 3 4 | 0 26 | 0 9 | 23 6 | 3 17 | 4 46 |
| S 23 | 19 59 | 19 37 | 3 30 | 18 15 | 4 16 | 17 52 | 5 31 | 19 20 | 0 51 | 22 3 | 0 33 | 14 11 | 1 10 | 8 6 | 0 39 | 1 23 | 1 11 | 21 37 | 3 4 | 0 29 | 0 8 | 23 4 | 3 15 | 4 46 |
| M24 | 19 46 | 15 0 | 2 41 | 18 25 | 4 6 | 17 51 | 5 32 | 19 30 | 0 50 | 22 3 | 0 33 | 14 12 | 1 10 | 8 6 | 0 39 | 1 22 | 1 11 | 21 37 | 3 4 | 0 32 | 0 7 | 23 2 | 3 13 | 4 45 |
| T 25 | 19 33 | 9 50 | 1 44 | 18 35 | 3 54 | 17 51 | 5 32 | 19 39 | 0 50 | 22 3 | 0 33 | 14 13 | 1 10 | 8 6 | 0 39 | 1 22 | 1 11 | 21 37 | 3 5 | 0 34 | 0 6 | 22 59 | 3 11 | 4 45 |
| W26 | 19 20 | 4 15 | 0 41 | 18 45 | 3 42 | 17 51 | 5 32 | 19 48 | 0 49 | 22 3 | 0 32 | 14 15 | 1 10 | 8 6 | 0 39 | 1 21 | 1 11 | 21 36 | 3 5 | 0 35 | 0 4 | 22 57 | 3 9 | 4 44 |
| T 27 | 19 7 | 1n32 | 0n24 | 18 56 | 3 29 | 17 51 | 5 32 | 19 56 | 0 48 | 22 3 | 0 32 | 14 16 | 1 11 | 8 6 | 0 39 | 1 21 | 1 11 | 21 36 | 3 5 | 0 35 | 0 3 | 22 55 | 3 6 | 4 44 |
| F 28 | 18 53 | 7 22 | 1 29 | 19 6 | 3 16 | 17 51 | 5 32 | 20 5 | 0 47 | 22 2 | 0 32 | 14 18 | 1 11 | 8 6 | 0 39 | 1 20 | 1 11 | 21 36 | 3 5 | 0 34 | 0 2 | 22 53 | 3 4 | 4 43 |
| S 29 | 18 39 | 13 4 | 2 31 | 19 16 | 3 2 | 17 52 | 5 31 | 20 14 | 0 47 | 22 2 | 0 32 | 14 19 | 1 11 | 8 6 | 0 40 | 1 20 | 1 11 | 21 35 | 3 5 | 0 34 | 0 1 | 22 51 | 3 2 | 4 43 |
| S 30 | 18 25 | 18 21 | 3 28 | 19 25 | 2 48 | 17 53 | 5 30 | 20 22 | 0 46 | 22 2 | 0 32 | 14 21 | 1 11 | 8 6 | 0 40 | 1 19 | 1 11 | 21 35 | 3 5 | 0 34 | 0s 1 | 22 49 | 2 59 | 4 42 |
| M31 | 18n10 | 22n55 | 4n15 | 19n34 | 2s33 | 17n55 | 5s28 | 20n30 | 0s45 | 22s 2 | 0n31 | 14s22 | 1s11 | 8n 6 | 0s40 | 1n18 | 1n11 | 21n35 | 3n 5 | 0s34 | 0s 2 | 22s46 | 2n57 | 4s42 |

Julian Day Number = 2610241.5, Delta T = 10m21s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'54, Lahiri = 29°55'56


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## AUGUST 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 39 15 | 9♌11'42 | 8♊ 9 | 19♋27 | 1♋39 | 6♊33 | 15°R 6 | 24°R39 | 22°R25 | 29♍29 | 6♌35 | 28°R30 | 29♓52 | 6♒ 4 | 11♍28 | T 1 |
| W 2 | 20 43 12 | 10° 9'03 | 22°28 | 20°21 | 2° 3 | 7°14 | 15♐ 4 | 24♒34 | 22♈25 | 29°30 | 6°37 | 28♓25 | 29°49 | 6°11 | 11°35 | W 2 |
| T 3 | 20 47 8 | 11° 6'25 | 7♋13 | 21°21 | 2°29 | 7°55 | 15° 2 | 24°30 | 22°25 | 29°32 | 6°38 | 28°19 | 29°46 | 6°18 | 11°43 | T 3 |
| F 4 | 20 51 5 | 12° 3'47 | 22°17 | 22°26 | 2°56 | 8°36 | 15° 1 | 24°26 | 22°24 | 29°34 | 6°40 | 28°12 | 29°42 | 6°24 | 11°50 | F 4 |
| S 5 | 20 55 1 | 13° 1'11 | 7♌32 | 23°37 | 3°25 | 9°17 | 15° 0 | 24°21 | 22°24 | 29°35 | 6°42 | 28° 5 | 29°39 | 6°31 | 11°58 | S 5 |
| S 6 | 20 58 58 | 13°58'35 | 22°46 | 24°52 | 3°56 | 9°58 | 14°59 | 24°17 | 22°24 | 29°37 | 6°43 | 28° 0 | 29°36 | 6°38 | 12° 6 | S 6 |
| M 7 | 21 2 55 | 14°55'59 | 7♍50 | 26°13 | 4°28 | 10°38 | 14°58 | 24°13 | 22°23 | 29°39 | 6°45 | 27°57 | 29°33 | 6°44 | 12°14 | M 7 |
| T 8 | 21 6 51 | 15°53'25 | 22°34 | 27°38 | 5° 1 | 11°19 | 14°57 | 24° 8 | 22°23 | 29°40 | 6°46 | 27°D55 | 29°30 | 6°51 | 12°22 | T 8 |
| W 9 | 21 10 48 | 16°50'51 | 6♎54 | 29° 8 | 5°35 | 11°59 | 14°56 | 24° 4 | 22°22 | 29°42 | 6°48 | 27°55 | 29°26 | 6°58 | 12°29 | W 9 |
| T 10 | 21 14 44 | 17°48'17 | 20°47 | 0♌42 | 6°11 | 12°40 | 14°56 | 24° 0 | 22°21 | 29°44 | 6°50 | 27°57 | 29°23 | 7° 5 | 12°37 | T 10 |
| F 11 | 21 18 41 | 18°45'44 | 4♏13 | 2°21 | 6°48 | 13°20 | 14°56 | 23°55 | 22°21 | 29°45 | 6°51 | 27°58 | 29°20 | 7°11 | 12°45 | F 11 |
| S 12 | 21 22 37 | 19°43'12 | 17°15 | 4° 3 | 7°26 | 14° 0 | 14°D56 | 23°51 | 22°20 | 29°47 | 6°53 | 27°R59 | 29°17 | 7°18 | 12°53 | S 12 |
| S 13 | 21 26 34 | 20°40'41 | 29°56 | 5°49 | 8° 5 | 14°40 | 14°56 | 23°46 | 22°19 | 29°49 | 6°55 | 27°58 | 29°14 | 7°25 | 13° 1 | S 13 |
| M14 | 21 30 30 | 21°38'10 | 12♐20 | 7°38 | 8°45 | 15°20 | 14°56 | 23°42 | 22°19 | 29°51 | 6°56 | 27°56 | 29°11 | 7°31 | 13° 9 | M14 |
| T 15 | 21 34 27 | 22°35'40 | 24°30 | 9°30 | 9°27 | 16° 0 | 14°57 | 23°37 | 22°18 | 29°53 | 6°58 | 27°53 | 29° 7 | 7°38 | 13°17 | T 15 |
| W16 | 21 38 24 | 23°33'11 | 6♑31 | 11°25 | 10° 9 | 16°40 | 14°58 | 23°33 | 22°17 | 29°55 | 7° 0 | 27°48 | 29° 4 | 7°45 | 13°25 | W16 |
| T 17 | 21 42 20 | 24°30'43 | 18°26 | 13°22 | 10°52 | 17°19 | 14°58 | 23°28 | 22°16 | 29°56 | 7° 1 | 27°42 | 29° 1 | 7°51 | 13°33 | T 17 |
| F 18 | 21 46 17 | 25°28'16 | 0♒18 | 15°21 | 11°36 | 17°59 | 15° 0 | 23°24 | 22°15 | 29°58 | 7° 3 | 27°37 | 28°58 | 7°58 | 13°42 | F 18 |
| S 19 | 21 50 13 | 26°25'49 | 12° 9 | 17°21 | 12°22 | 18°38 | 15° 1 | 23°19 | 22°14 | 0♎ 0 | 7° 4 | 27°31 | 28°55 | 8° 5 | 13°50 | S 19 |
| S 20 | 21 54 10 | 27°23'24 | 24° 1 | 19°22 | 13° 8 | 19°17 | 15° 2 | 23°15 | 22°13 | 0° 2 | 7° 6 | 27°27 | 28°52 | 8°11 | 13°58 | S 20 |
| M21 | 21 58 6 | 28°21'00 | 5♓56 | 21°24 | 13°54 | 19°56 | 15° 4 | 23°10 | 22°12 | 0° 4 | 7° 8 | 27°24 | 28°48 | 8°18 | 14° 6 | M21 |
| T 22 | 22 2 3 | 29°18'37 | 17°56 | 23°26 | 14°42 | 20°35 | 15° 6 | 23° 6 | 22°11 | 0° 6 | 7° 9 | 27°22 | 28°45 | 8°25 | 14°14 | T 22 |
| W23 | 22 5 59 | 0♍16'15 | 0♈ 4 | 25°29 | 15°30 | 21°14 | 15° 8 | 23° 2 | 22° 9 | 0° 8 | 7°11 | 27°D21 | 28°42 | 8°32 | 14°23 | W23 |
| T 24 | 22 9 56 | 1°13'55 | 12°20 | 27°31 | 16°20 | 21°53 | 15°10 | 22°57 | 22° 8 | 0°10 | 7°12 | 27°22 | 28°39 | 8°38 | 14°31 | T 24 |
| F 25 | 22 13 53 | 2°11'36 | 24°49 | 29°33 | 17° 9 | 22°31 | 15°12 | 22°53 | 22° 7 | 0°12 | 7°14 | 27°24 | 28°36 | 8°45 | 14°39 | F 25 |
| S 26 | 22 17 49 | 3° 9'19 | 7♉32 | 1♍34 | 18° 0 | 23°10 | 15°15 | 22°48 | 22° 6 | 0°14 | 7°15 | 27°25 | 28°32 | 8°52 | 14°47 | S 26 |
| S 27 | 22 21 46 | 4° 7'03 | 20°34 | 3°34 | 18°51 | 23°48 | 15°18 | 22°44 | 22° 4 | 0°16 | 7°17 | 27°26 | 28°29 | 8°58 | 14°56 | S 27 |
| M28 | 22 25 42 | 5° 4'49 | 3♊56 | 5°34 | 19°43 | 24°26 | 15°20 | 22°40 | 22° 3 | 0°18 | 7°18 | 27°R27 | 28°26 | 9° 5 | 15° 4 | M28 |
| T 29 | 22 29 39 | 6° 2'37 | 17°41 | 7°33 | 20°36 | 25° 5 | 15°24 | 22°35 | 22° 1 | 0°20 | 7°20 | 27°27 | 28°23 | 9°12 | 15°13 | T 29 |
| W30 | 22 33 35 | 7° 0'26 | 1♋49 | 9°31 | 21°29 | 25°43 | 15°27 | 22°31 | 22° 0 | 0°22 | 7°21 | 27°25 | 28°20 | 9°18 | 15°21 | W30 |
| T 31 | 22 37 32 | 7♍58'17 | 16♋19 | 11♍27 | 22♋23 | 26♊20 | 15♐30 | 22♒27 | 21♈58 | 0♎24 | 7♌23 | 27♓23 | 28♓17 | 9♒25 | 15♍29 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n55 | 26n22 | 4n49 | 19n42 | 2s18 | 17n56 | 5s27 | 20n38 | 0s44 | 22s 2 | 0n31 | 14s24 | 1s11 | 8n 6 | 0s40 | 1n18 | 1n11 | 21n34 | 3n 5 | 0s36 | 0s 3 | 22s44 | 2n55 | 4s41 |
| W 2 | 17 40 | 28 16 | 5 6 | 19 49 | 2 3 | 17 58 | 5 25 | 20 45 | 0 43 | 22 2 | 0 31 | 14 25 | 1 11 | 8 6 | 0 40 | 1 17 | 1 11 | 21 34 | 3 5 | 0 38 | 0 4 | 22 42 | 2 52 | 4 41 |
| T 3 | 17 24 | 28 15 | 5 4 | 19 55 | 1 48 | 17 59 | 5 22 | 20 53 | 0 43 | 22 2 | 0 31 | 14 27 | 1 11 | 8 5 | 0 40 | 1 16 | 1 11 | 21 33 | 3 5 | 0 40 | 0 6 | 22 40 | 2 50 | 4 40 |
| F 4 | 17 8 | 26 10 | 4 41 | 20 0 | 1 33 | 18 1 | 5 20 | 21 0 | 0 42 | 22 2 | 0 31 | 14 28 | 1 12 | 8 5 | 0 40 | 1 16 | 1 11 | 21 33 | 3 5 | 0 43 | 0 7 | 22 38 | 2 47 | 4 40 |
| S 5 | 16 52 | 22 11 | 3 58 | 20 3 | 1 18 | 18 3 | 5 17 | 21 7 | 0 41 | 22 2 | 0 30 | 14 30 | 1 12 | 8 5 | 0 40 | 1 15 | 1 11 | 21 33 | 3 5 | 0 45 | 0 8 | 22 35 | 2 45 | 4 40 |
| S 6 | 16 36 | 16 42 | 2 58 | 20 4 | 1 3 | 18 5 | 5 15 | 21 14 | 0 40 | 22 2 | 0 30 | 14 32 | 1 12 | 8 5 | 0 40 | 1 14 | 1 11 | 21 32 | 3 5 | 0 48 | 0 10 | 22 33 | 2 42 | 4 39 |
| M 7 | 16 19 | 10 16 | 1 47 | 20 4 | 0 48 | 18 7 | 5 12 | 21 21 | 0 39 | 22 3 | 0 30 | 14 33 | 1 12 | 8 5 | 0 40 | 1 14 | 1 11 | 21 32 | 3 5 | 0 49 | 0 11 | 22 31 | 2 40 | 4 39 |
| T 8 | 16 2 | 3 23 | 0 29 | 20 2 | 0 34 | 18 9 | 5 8 | 21 27 | 0 38 | 22 3 | 0 30 | 14 35 | 1 12 | 8 4 | 0 40 | 1 13 | 1 11 | 21 32 | 3 6 | 0 49 | 0 12 | 22 29 | 2 37 | 4 38 |
| W 9 | 15 45 | 3s29 | 0s49 | 19 57 | 0 20 | 18 11 | 5 5 | 21 33 | 0 38 | 22 3 | 0 30 | 14 36 | 1 12 | 8 4 | 0 40 | 1 12 | 1 11 | 21 31 | 3 6 | 0 49 | 0 13 | 22 26 | 2 34 | 4 38 |
| T 10 | 15 28 | 9 58 | 2 1 | 19 50 | 0 7 | 18 13 | 5 1 | 21 39 | 0 37 | 22 3 | 0 29 | 14 38 | 1 12 | 8 4 | 0 40 | 1 12 | 1 11 | 21 31 | 3 6 | 0 49 | 0 15 | 22 24 | 2 32 | 4 37 |
| F 11 | 15 10 | 15 47 | 3 4 | 19 41 | 0n 6 | 18 15 | 4 58 | 21 45 | 0 36 | 22 3 | 0 29 | 14 39 | 1 12 | 8 4 | 0 40 | 1 11 | 1 11 | 21 31 | 3 6 | 0 48 | 0 16 | 22 22 | 2 29 | 4 37 |
| S 12 | 14 52 | 20 43 | 3 56 | 19 30 | 0 18 | 18 17 | 4 54 | 21 51 | 0 35 | 22 3 | 0 29 | 14 41 | 1 12 | 8 3 | 0 40 | 1 10 | 1 11 | 21 30 | 3 6 | 0 48 | 0 17 | 22 20 | 2 27 | 4 37 |
| S 13 | 14 34 | 24 34 | 4 35 | 19 15 | 0 30 | 18 19 | 4 50 | 21 57 | 0 34 | 22 4 | 0 29 | 14 42 | 1 12 | 8 3 | 0 40 | 1 9 | 1 11 | 21 30 | 3 6 | 0 48 | 0 18 | 22 17 | 2 24 | 4 36 |
| M14 | 14 16 | 27 10 | 5 0 | 18 58 | 0 40 | 18 21 | 4 46 | 22 2 | 0 33 | 22 4 | 0 29 | 14 44 | 1 13 | 8 3 | 0 40 | 1 9 | 1 11 | 21 30 | 3 6 | 0 49 | 0 20 | 22 15 | 2 21 | 4 36 |
| T 15 | 13 57 | 28 27 | 5 11 | 18 39 | 0 51 | 18 22 | 4 42 | 22 7 | 0 32 | 22 4 | 0 28 | 14 46 | 1 13 | 8 3 | 0 40 | 1 8 | 1 11 | 21 29 | 3 6 | 0 50 | 0 21 | 22 13 | 2 19 | 4 36 |
| W16 | 13 38 | 28 21 | 5 7 | 18 16 | 1 0 | 18 23 | 4 37 | 22 12 | 0 31 | 22 4 | 0 28 | 14 47 | 1 13 | 8 2 | 0 40 | 1 7 | 1 11 | 21 29 | 3 6 | 0 52 | 0 22 | 22 11 | 2 16 | 4 35 |
| T 17 | 13 19 | 26 56 | 4 51 | 17 52 | 1 8 | 18 24 | 4 33 | 22 17 | 0 30 | 22 5 | 0 28 | 14 49 | 1 13 | 8 2 | 0 40 | 1 6 | 1 11 | 21 29 | 3 6 | 0 55 | 0 23 | 22 8 | 2 13 | 4 35 |
| F 18 | 13 0 | 24 19 | 4 22 | 17 24 | 1 16 | 18 25 | 4 28 | 22 21 | 0 29 | 22 5 | 0 28 | 14 50 | 1 13 | 8 1 | 0 40 | 1 6 | 1 11 | 21 28 | 3 6 | 0 57 | 0 25 | 22 6 | 2 10 | 4 34 |
| S 19 | 12 41 | 20 40 | 3 42 | 16 55 | 1 22 | 18 26 | 4 24 | 22 26 | 0 29 | 22 5 | 0 28 | 14 52 | 1 13 | 8 1 | 0 40 | 1 5 | 1 11 | 21 28 | 3 6 | 0 59 | 0 26 | 22 4 | 2 8 | 4 34 |
| S 20 | 12 21 | 16 12 | 2 52 | 16 23 | 1 28 | 18 27 | 4 19 | 22 30 | 0 28 | 22 6 | 0 27 | 14 53 | 1 13 | 8 1 | 0 40 | 1 4 | 1 11 | 21 28 | 3 7 | 1 1 | 0 27 | 22 1 | 2 5 | 4 34 |
| M21 | 12 1 | 11 6 | 1 55 | 15 48 | 1 33 | 18 27 | 4 14 | 22 34 | 0 27 | 22 6 | 0 27 | 14 55 | 1 13 | 8 0 | 0 40 | 1 3 | 1 11 | 21 27 | 3 7 | 1 2 | 0 28 | 21 59 | 2 2 | 4 33 |
| T 22 | 11 41 | 5 33 | 0 51 | 15 12 | 1 37 | 18 27 | 4 9 | 22 38 | 0 26 | 22 6 | 0 27 | 14 56 | 1 13 | 8 0 | 0 40 | 1 2 | 1 11 | 21 27 | 3 7 | 1 3 | 0 30 | 21 57 | 1 59 | 4 33 |
| W23 | 11 21 | 0n15 | 0n15 | 14 35 | 1 40 | 18 26 | 4 4 | 22 41 | 0 25 | 22 7 | 0 27 | 14 58 | 1 13 | 7 59 | 0 40 | 1 2 | 1 11 | 21 27 | 3 7 | 1 3 | 0 31 | 21 54 | 1 56 | 4 33 |
| T 24 | 11 1 | 6 7 | 1 21 | 13 55 | 1 43 | 18 26 | 3 59 | 22 45 | 0 24 | 22 7 | 0 27 | 14 59 | 1 13 | 7 59 | 0 40 | 1 1 | 1 11 | 21 27 | 3 7 | 1 3 | 0 32 | 21 52 | 1 53 | 4 32 |
| F 25 | 10 40 | 11 50 | 2 25 | 13 14 | 1 44 | 18 25 | 3 54 | 22 48 | 0 23 | 22 8 | 0 27 | 15 1 | 1 13 | 7 58 | 0 40 | 1 0 | 1 11 | 21 26 | 3 7 | 1 2 | 0 33 | 21 50 | 1 50 | 4 32 |
| S 26 | 10 20 | 17 12 | 3 23 | 12 32 | 1 45 | 18 23 | 3 49 | 22 51 | 0 22 | 22 8 | 0 26 | 15 2 | 1 13 | 7 58 | 0 40 | 0 59 | 1 11 | 21 26 | 3 7 | 1 1 | 0 35 | 21 47 | 1 48 | 4 32 |
| S 27 | 9 59 | 21 54 | 4 12 | 11 49 | 1 45 | 18 22 | 3 44 | 22 54 | 0 21 | 22 9 | 0 26 | 15 4 | 1 13 | 7 57 | 0 40 | 0 58 | 1 11 | 21 26 | 3 7 | 1 1 | 0 36 | 21 45 | 1 45 | 4 32 |
| M28 | 9 38 | 25 37 | 4 49 | 11 5 | 1 45 | 18 20 | 3 39 | 22 57 | 0 20 | 22 9 | 0 26 | 15 5 | 1 13 | 7 57 | 0 40 | 0 58 | 1 11 | 21 25 | 3 7 | 1 1 | 0 37 | 21 43 | 1 42 | 4 31 |
| T 29 | 9 16 | 27 58 | 5 11 | 10 19 | 1 44 | 18 17 | 3 34 | 22 59 | 0 19 | 22 10 | 0 26 | 15 7 | 1 13 | 7 56 | 0 40 | 0 57 | 1 11 | 21 25 | 3 7 | 1 1 | 0 39 | 21 40 | 1 39 | 4 31 |
| W30 | 8 55 | 28 37 | 5 14 | 9 34 | 1 42 | 18 15 | 3 28 | 23 2 | 0 17 | 22 10 | 0 26 | 15 8 | 1 14 | 7 56 | 0 40 | 0 56 | 1 11 | 21 25 | 3 8 | 1 1 | 0 40 | 21 38 | 1 36 | 4 31 |
| T 31 | 8n34 | 27n19 | 4n58 | 8n47 | 1n40 | 18n11 | 3s23 | 23n 4 | 0s16 | 22s11 | 0n25 | 15s10 | 1s14 | 7n55 | 0s40 | 0n55 | 1n11 | 21n24 | 3n 8 | 1s 2 | 0s41 | 21s36 | 1n33 | 4s30 |

Julian Day Number = 2610272.5, Delta T = 10m21s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°48'59, Lahiri = 29°56'00


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## SEPTEMBER 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 41 28 | 8♍56'10 | 1♌ 6 | 13♍22 | 23♋17 | 26♊58 | 15♐34 | 22°R23 | 21°R57 | 0♎26 | 7♑24 | 27°R21 | 28♓13 | 9♒32 | 15♍38 | F 1 |
| S 2 | 22 45 25 | 9°54'05 | 16° 6 | 15°16 | 24°12 | 27°36 | 15°38 | 22♒19 | 21♈55 | 0°29 | 7°26 | 27♓19 | 28°10 | 9°38 | 15°46 | S 2 |
| S 3 | 22 49 22 | 10°52'01 | 1♍ 8 | 17° 9 | 25° 8 | 28°13 | 15°41 | 22°14 | 21°54 | 0°31 | 7°27 | 27°17 | 28° 7 | 9°45 | 15°55 | S 3 |
| M 4 | 22 53 18 | 11°49'58 | 16° 5 | 19° 1 | 26° 4 | 28°50 | 15°46 | 22°10 | 21°52 | 0°33 | 7°29 | 27°16 | 28° 4 | 9°52 | 16° 3 | M 4 |
| T 5 | 22 57 15 | 12°47'57 | 0♎49 | 20°51 | 27° 0 | 29°27 | 15°50 | 22° 6 | 21°50 | 0°35 | 7°30 | 27°D16 | 28° 1 | 9°58 | 16°11 | T 5 |
| W 6 | 23 1 11 | 13°45'58 | 15°12 | 22°40 | 27°57 | 0♋ 4 | 15°54 | 22° 2 | 21°49 | 0°37 | 7°31 | 27°16 | 27°58 | 10° 5 | 16°20 | W 6 |
| T 7 | 23 5 8 | 14°44'00 | 29°10 | 24°28 | 28°54 | 0°41 | 15°59 | 21°58 | 21°47 | 0°39 | 7°33 | 27°17 | 27°54 | 10°12 | 16°28 | T 7 |
| F 8 | 23 9 4 | 15°42'03 | 12♏43 | 26°14 | 29°52 | 1°18 | 16° 4 | 21°54 | 21°45 | 0°41 | 7°34 | 27°18 | 27°51 | 10°19 | 16°37 | F 8 |
| S 9 | 23 13 1 | 16°40'08 | 25°51 | 27°59 | 0♌51 | 1°54 | 16° 9 | 21°51 | 21°43 | 0°44 | 7°35 | 27°19 | 27°48 | 10°25 | 16°45 | S 9 |
| S 10 | 23 16 57 | 17°38'14 | 8♐35 | 29°43 | 1°49 | 2°30 | 16°14 | 21°47 | 21°41 | 0°46 | 7°37 | 27°20 | 27°45 | 10°32 | 16°54 | S 10 |
| M11 | 23 20 54 | 18°36'21 | 21° 1 | 1♎26 | 2°48 | 3° 6 | 16°19 | 21°43 | 21°39 | 0°48 | 7°38 | 27°R20 | 27°42 | 10°39 | 17° 2 | M11 |
| T 12 | 23 24 51 | 19°34'30 | 3♑11 | 3° 7 | 3°48 | 3°42 | 16°24 | 21°39 | 21°37 | 0°50 | 7°39 | 27°19 | 27°38 | 10°45 | 17°11 | T 12 |
| W13 | 23 28 47 | 20°32'41 | 15°10 | 4°47 | 4°48 | 4°18 | 16°30 | 21°36 | 21°36 | 0°52 | 7°41 | 27°19 | 27°35 | 10°52 | 17°19 | W13 |
| T 14 | 23 32 44 | 21°30'52 | 27° 3 | 6°26 | 5°48 | 4°54 | 16°36 | 21°32 | 21°34 | 0°54 | 7°42 | 27°18 | 27°32 | 10°59 | 17°27 | T 14 |
| F 15 | 23 36 40 | 22°29'06 | 8♒54 | 8° 4 | 6°49 | 5°29 | 16°42 | 21°29 | 21°32 | 0°57 | 7°43 | 27°17 | 27°29 | 11° 5 | 17°36 | F 15 |
| S 16 | 23 40 37 | 23°27'21 | 20°46 | 9°41 | 7°50 | 6° 5 | 16°48 | 21°25 | 21°29 | 0°59 | 7°45 | 27°17 | 27°26 | 11°12 | 17°44 | S 16 |
| S 17 | 23 44 33 | 24°25'37 | 2♓41 | 11°16 | 8°51 | 6°40 | 16°54 | 21°22 | 21°27 | 1° 1 | 7°46 | 27°16 | 27°23 | 11°19 | 17°53 | S 17 |
| M18 | 23 48 30 | 25°23'55 | 14°44 | 12°51 | 9°53 | 7°15 | 17° 0 | 21°18 | 21°25 | 1° 3 | 7°47 | 27°16 | 27°19 | 11°25 | 18° 1 | M18 |
| T 19 | 23 52 26 | 26°22'15 | 26°55 | 14°24 | 10°55 | 7°49 | 17° 7 | 21°15 | 21°23 | 1° 6 | 7°48 | 27°D16 | 27°16 | 11°32 | 18°10 | T 19 |
| W20 | 23 56 23 | 27°20'36 | 9♈16 | 15°56 | 11°57 | 8°24 | 17°13 | 21°12 | 21°21 | 1° 8 | 7°49 | 27°R16 | 27°13 | 11°39 | 18°18 | W20 |
| T 21 | 0 0 20 | 28°19'00 | 21°49 | 17°27 | 13° 0 | 8°58 | 17°20 | 21° 9 | 21°19 | 1°10 | 7°51 | 27°16 | 27°10 | 11°45 | 18°26 | T 21 |
| F 22 | 0 4 16 | 29°17'25 | 4♉34 | 18°57 | 14° 3 | 9°33 | 17°27 | 21° 6 | 21°17 | 1°12 | 7°52 | 27°16 | 27° 7 | 11°52 | 18°35 | F 22 |
| S 23 | 0 8 13 | 0♎15'53 | 17°34 | 20°26 | 15° 6 | 10° 7 | 17°34 | 21° 3 | 21°15 | 1°14 | 7°53 | 27°16 | 27° 3 | 11°59 | 18°43 | S 23 |
| S 24 | 0 12 9 | 1°14'23 | 0♊48 | 21°54 | 16°10 | 10°41 | 17°41 | 21° 0 | 21°12 | 1°17 | 7°54 | 27°15 | 27° 0 | 12° 6 | 18°52 | S 24 |
| M25 | 0 16 6 | 2°12'54 | 14°17 | 23°20 | 17°14 | 11°14 | 17°48 | 20°57 | 21°10 | 1°19 | 7°55 | 27°15 | 26°57 | 12°12 | 19° 0 | M25 |
| T 26 | 0 20 2 | 3°11'28 | 28° 2 | 24°46 | 18°18 | 11°48 | 17°56 | 20°54 | 21° 8 | 1°21 | 7°56 | 27°D15 | 26°54 | 12°19 | 19° 8 | T 26 |
| W27 | 0 23 59 | 4°10'05 | 12♋ 2 | 26°10 | 19°22 | 12°21 | 18° 3 | 20°52 | 21° 6 | 1°23 | 7°57 | 27°15 | 26°51 | 12°26 | 19°17 | W27 |
| T 28 | 0 27 55 | 5° 8'43 | 26°17 | 27°33 | 20°27 | 12°54 | 18°11 | 20°49 | 21° 3 | 1°26 | 7°58 | 27°15 | 26°48 | 12°32 | 19°25 | T 28 |
| F 29 | 0 31 52 | 6° 7'24 | 10♌43 | 28°55 | 21°32 | 13°27 | 18°19 | 20°47 | 21° 1 | 1°28 | 7°59 | 27°16 | 26°44 | 12°39 | 19°33 | F 29 |
| S 30 | 0 35 49 | 7♎ 6'07 | 25♌19 | 0♏16 | 22♌37 | 13♋59 | 18♐27 | 20♒44 | 20♈59 | 1♎30 | 8♌ 0 | 27♓17 | 26♓41 | 12♒46 | 19♍41 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | | ☊ | | ⚸ | | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | | decl | | decl | | decl | lat |
| F 1 | 8n12 | 24n 8 | 4n22 | 8n 1 | 1n37 | 18n 8 | 3s18 | 23n 6 | 0s15 | 22s11 | 0n25 | 15s11 | 1s14 | 7n54 | 0s40 | 0n54 | 1n11 | 21n24 | 3n 8 | 1s 3 | | 0s42 | | 21s33 | | 1n30 | 4s30 |
| S 2 | 7 50 | 19 17 | 3 28 | 7 14 | 1 33 | 18 4 | 3 12 | 23 8 | 0 14 | 22 12 | 0 25 | 15 12 | 1 14 | 7 54 | 0 40 | 0 53 | 1 11 | 21 24 | 3 8 | 1 4 | | 0 44 | | 21 31 | | 1 27 | 4 30 |
| S 3 | 7 29 | 13 13 | 2 19 | 6 26 | 1 30 | 18 0 | 3 7 | 23 9 | 0 13 | 22 12 | 0 25 | 15 14 | 1 14 | 7 53 | 0 40 | 0 53 | 1 11 | 21 24 | 3 8 | 1 5 | | 0 45 | | 21 29 | | 1 24 | 4 30 |
| M 4 | 7 7 | 6 25 | 1 1 | 5 39 | 1 25 | 17 55 | 3 2 | 23 11 | 0 12 | 22 13 | 0 25 | 15 15 | 1 14 | 7 53 | 0 40 | 0 52 | 1 11 | 21 23 | 3 8 | 1 5 | | 0 46 | | 21 26 | | 1 21 | 4 29 |
| T 5 | 6 44 | 0s37 | 0s20 | 4 51 | 1 21 | 17 50 | 2 56 | 23 12 | 0 11 | 22 14 | 0 25 | 15 16 | 1 14 | 7 52 | 0 40 | 0 51 | 1 11 | 21 23 | 3 8 | 1 5 | | 0 47 | | 21 24 | | 1 18 | 4 29 |
| W 6 | 6 22 | 7 28 | 1 38 | 4 4 | 1 16 | 17 44 | 2 51 | 23 13 | 0 10 | 22 14 | 0 24 | 15 18 | 1 14 | 7 51 | 0 40 | 0 50 | 1 11 | 21 23 | 3 8 | 1 5 | | 0 49 | | 21 21 | | 1 15 | 4 29 |
| T 7 | 6 0 | 13 46 | 2 48 | 3 17 | 1 10 | 17 38 | 2 45 | 23 14 | 0 9 | 22 15 | 0 24 | 15 19 | 1 14 | 7 51 | 0 40 | 0 49 | 1 11 | 21 23 | 3 8 | 1 5 | | 0 50 | | 21 19 | | 1 12 | 4 29 |
| F 8 | 5 38 | 19 12 | 3 46 | 2 29 | 1 5 | 17 32 | 2 40 | 23 15 | 0 8 | 22 16 | 0 24 | 15 20 | 1 14 | 7 50 | 0 40 | 0 48 | 1 11 | 21 22 | 3 9 | 1 4 | | 0 51 | | 21 17 | | 1 9 | 4 28 |
| S 9 | 5 15 | 23 33 | 4 30 | 1 42 | 0 59 | 17 25 | 2 34 | 23 16 | 0 6 | 22 16 | 0 24 | 15 22 | 1 14 | 7 49 | 0 40 | 0 48 | 1 11 | 21 22 | 3 9 | 1 4 | | 0 52 | | 21 14 | | 1 6 | 4 28 |
| S 10 | 4 52 | 26 37 | 5 0 | 0 55 | 0 53 | 17 18 | 2 29 | 23 17 | 0 5 | 22 17 | 0 24 | 15 23 | 1 14 | 7 49 | 0 40 | 0 47 | 1 11 | 21 22 | 3 9 | 1 4 | | 0 54 | | 21 12 | | 1 3 | 4 28 |
| M11 | 4 30 | 28 19 | 5 15 | 0 9 | 0 46 | 17 10 | 2 23 | 23 17 | 0 4 | 22 18 | 0 23 | 15 24 | 1 14 | 7 48 | 0 41 | 0 46 | 1 11 | 21 22 | 3 9 | 1 4 | | 0 55 | | 21 9 | | 1 0 | 4 28 |
| T 12 | 4 7 | 28 36 | 5 15 | 0s38 | 0 40 | 17 2 | 2 18 | 23 17 | 0 3 | 22 18 | 0 23 | 15 25 | 1 14 | 7 47 | 0 41 | 0 45 | 1 11 | 21 21 | 3 9 | 1 4 | | 0 56 | | 21 7 | | 0 57 | 4 28 |
| W13 | 3 44 | 27 31 | 5 2 | 1 24 | 0 33 | 16 53 | 2 12 | 23 17 | 0 2 | 22 19 | 0 23 | 15 26 | 1 14 | 7 46 | 0 41 | 0 44 | 1 11 | 21 21 | 3 9 | 1 4 | | 0 57 | | 21 4 | | 0 53 | 4 27 |
| T 14 | 3 21 | 25 12 | 4 35 | 2 9 | 0 26 | 16 44 | 2 7 | 23 17 | 0 0 | 22 20 | 0 23 | 15 28 | 1 14 | 7 46 | 0 41 | 0 43 | 1 11 | 21 21 | 3 9 | 1 4 | | 0 59 | | 21 2 | | 0 50 | 4 27 |
| F 15 | 2 59 | 21 48 | 3 57 | 2 54 | 0 19 | 16 34 | 2 1 | 23 17 | 0n 1 | 22 21 | 0 23 | 15 29 | 1 14 | 7 45 | 0 41 | 0 42 | 1 11 | 21 21 | 3 9 | 1 5 | | 1 0 | | 21 0 | | 0 47 | 4 27 |
| S 16 | 2 36 | 17 32 | 3 9 | 3 39 | 0 12 | 16 24 | 1 56 | 23 17 | 0 2 | 22 21 | 0 23 | 15 30 | 1 14 | 7 44 | 0 41 | 0 41 | 1 11 | 21 21 | 3 10 | 1 5 | | 1 1 | | 20 57 | | 0 44 | 4 27 |
| S 17 | 2 13 | 12 33 | 2 12 | 4 23 | 0 4 | 16 14 | 1 51 | 23 16 | 0 3 | 22 22 | 0 22 | 15 31 | 1 14 | 7 43 | 0 41 | 0 41 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 2 | | 20 55 | | 0 41 | 4 27 |
| M18 | 1 49 | 7 4 | 1 9 | 5 7 | 0s 3 | 16 3 | 1 45 | 23 16 | 0 5 | 22 23 | 0 22 | 15 32 | 1 14 | 7 42 | 0 41 | 0 40 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 4 | | 20 52 | | 0 38 | 4 27 |
| T 19 | 1 26 | 1 15 | 0 2 | 5 50 | 0 11 | 15 51 | 1 40 | 23 15 | 0 6 | 22 24 | 0 22 | 15 33 | 1 14 | 7 42 | 0 41 | 0 39 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 5 | | 20 50 | | 0 35 | 4 26 |
| W20 | 1 3 | 4n41 | 1n 6 | 6 33 | 0 19 | 15 39 | 1 35 | 23 14 | 0 7 | 22 25 | 0 22 | 15 34 | 1 14 | 7 41 | 0 41 | 0 38 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 6 | | 20 47 | | 0 32 | 4 26 |
| T 21 | 0 40 | 10 31 | 2 12 | 7 15 | 0 26 | 15 27 | 1 29 | 23 13 | 0 8 | 22 25 | 0 22 | 15 35 | 1 14 | 7 40 | 0 41 | 0 37 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 8 | | 20 45 | | 0 29 | 4 26 |
| F 22 | 0 17 | 16 2 | 3 13 | 7 56 | 0 34 | 15 14 | 1 24 | 23 12 | 0 10 | 22 26 | 0 22 | 15 36 | 1 14 | 7 39 | 0 41 | 0 36 | 1 11 | 21 20 | 3 10 | 1 5 | | 1 9 | | 20 42 | | 0 25 | 4 26 |
| S 23 | 0s 6 | 20 56 | 4 4 | 8 37 | 0 42 | 15 1 | 1 19 | 23 11 | 0 11 | 22 27 | 0 21 | 15 37 | 1 14 | 7 38 | 0 41 | 0 35 | 1 11 | 21 19 | 3 10 | 1 5 | | 1 10 | | 20 40 | | 0 22 | 4 26 |
| S 24 | 0 30 | 24 54 | 4 44 | 9 17 | 0 50 | 14 47 | 1 14 | 23 10 | 0 12 | 22 28 | 0 21 | 15 38 | 1 14 | 7 38 | 0 41 | 0 34 | 1 11 | 21 19 | 3 11 | 1 5 | | 1 11 | | 20 37 | | 0 19 | 4 26 |
| M25 | 0 53 | 27 35 | 5 9 | 9 56 | 0 58 | 14 33 | 1 8 | 23 8 | 0 14 | 22 29 | 0 21 | 15 39 | 1 14 | 7 37 | 0 41 | 0 34 | 1 11 | 21 19 | 3 11 | 1 5 | | 1 13 | | 20 35 | | 0 16 | 4 26 |
| T 26 | 1 16 | 28 39 | 5 17 | 10 35 | 1 5 | 14 18 | 1 3 | 23 7 | 0 15 | 22 29 | 0 21 | 15 40 | 1 14 | 7 36 | 0 41 | 0 33 | 1 11 | 21 19 | 3 11 | 1 6 | | 1 14 | | 20 32 | | 0 13 | 4 26 |
| W27 | 1 39 | 27 56 | 5 7 | 11 13 | 1 13 | 14 3 | 0 58 | 23 5 | 0 16 | 22 30 | 0 21 | 15 41 | 1 14 | 7 35 | 0 41 | 0 32 | 1 11 | 21 19 | 3 11 | 1 6 | | 1 15 | | 20 30 | | 0 10 | 4 26 |
| T 28 | 2 2 | 25 23 | 4 37 | 11 50 | 1 21 | 13 48 | 0 53 | 23 3 | 0 18 | 22 31 | 0 21 | 15 41 | 1 14 | 7 34 | 0 41 | 0 31 | 1 11 | 21 19 | 3 11 | 1 5 | | 1 16 | | 20 27 | | 0 7 | 4 25 |
| F 29 | 2 26 | 21 12 | 3 50 | 12 27 | 1 28 | 13 32 | 0 48 | 23 2 | 0 19 | 22 32 | 0 20 | 15 42 | 1 14 | 7 33 | 0 41 | 0 30 | 1 11 | 21 18 | 3 11 | 1 5 | | 1 18 | | 20 25 | | 0 3 | 4 25 |
| S 30 | 2s49 | 15n42 | 2n48 | 13s 2 | 1s36 | 13n16 | 0s43 | 23n 0 | 0n21 | 22s33 | 0n20 | 15s43 | 1s14 | 7n32 | 0s41 | 0n29 | 1n11 | 21n18 | 3n11 | 1s 5 | | 1s19 | | 20s22 | | 0n 0 | 4s25 |

Julian Day Number = 2610303.5, Delta T = 10m21s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'03, Lahiri = 29°56'04


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## OCTOBER 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 39 45 | 8♎ 4'52 | 9♍58 | 1♏35 | 23♌43 | 14♋32 | 18♐35 | 20°R42 | 20°R56 | 1♎32 | 8♌ 1 | 27♓17 | 26♓38 | 12♒52 | 19♍50 | S 1 |
| M 2 | 0 43 42 | 9° 3'39 | 24°34 | 2°53 | 24°49 | 15° 4 | 18°43 | 20♒40 | 20♈54 | 1°34 | 8° 2 | 27°R18 | 26°35 | 12°59 | 19°58 | M 2 |
| T 3 | 0 47 38 | 10° 2'28 | 9♎ 2 | 4°10 | 25°55 | 15°36 | 18°52 | 20°38 | 20°52 | 1°37 | 8° 3 | 27°17 | 26°32 | 13° 6 | 20° 6 | T 3 |
| W 4 | 0 51 35 | 11° 1'19 | 23°16 | 5°25 | 27° 1 | 16° 7 | 19° 0 | 20°36 | 20°49 | 1°39 | 8° 4 | 27°17 | 26°29 | 13°12 | 20°14 | W 4 |
| T 5 | 0 55 31 | 12° 0'12 | 7♏11 | 6°38 | 28° 7 | 16°39 | 19° 9 | 20°34 | 20°47 | 1°41 | 8° 5 | 27°15 | 26°25 | 13°19 | 20°22 | T 5 |
| F 6 | 0 59 28 | 12°59'07 | 20°44 | 7°50 | 29°14 | 17°10 | 19°18 | 20°32 | 20°44 | 1°43 | 8° 6 | 27°13 | 26°22 | 13°26 | 20°31 | F 6 |
| S 7 | 1 3 24 | 13°58'03 | 3♐54 | 9° 0 | 0♍21 | 17°41 | 19°27 | 20°30 | 20°42 | 1°45 | 8° 6 | 27°11 | 26°19 | 13°32 | 20°39 | S 7 |
| S 8 | 1 7 21 | 14°57'02 | 16°42 | 10° 9 | 1°28 | 18°12 | 19°36 | 20°28 | 20°40 | 1°48 | 8° 7 | 27° 8 | 26°16 | 13°39 | 20°47 | S 8 |
| M 9 | 1 11 17 | 15°56'02 | 29°10 | 11°15 | 2°35 | 18°42 | 19°45 | 20°27 | 20°37 | 1°50 | 8° 8 | 27° 7 | 26°13 | 13°46 | 20°55 | M 9 |
| T 10 | 1 15 14 | 16°55'04 | 11♑22 | 12°19 | 3°42 | 19°12 | 19°54 | 20°25 | 20°35 | 1°52 | 8° 9 | 27°D 6 | 26° 9 | 13°52 | 21° 3 | T 10 |
| W11 | 1 19 11 | 17°54'08 | 23°21 | 13°21 | 4°50 | 19°42 | 20° 3 | 20°24 | 20°32 | 1°54 | 8° 9 | 27° 6 | 26° 6 | 13°59 | 21°11 | W11 |
| T 12 | 1 23 7 | 18°53'14 | 5♒14 | 14°20 | 5°58 | 20°12 | 20°13 | 20°23 | 20°30 | 1°56 | 8°10 | 27° 7 | 26° 3 | 14° 6 | 21°19 | T 12 |
| F 13 | 1 27 4 | 19°52'21 | 17° 5 | 15°17 | 7° 6 | 20°41 | 20°22 | 20°21 | 20°28 | 1°58 | 8°11 | 27° 8 | 26° 0 | 14°12 | 21°27 | F 13 |
| S 14 | 1 31 0 | 20°51'30 | 28°57 | 16°11 | 8°14 | 21°10 | 20°32 | 20°20 | 20°25 | 2° 1 | 8°12 | 27°10 | 25°57 | 14°19 | 21°34 | S 14 |
| S 15 | 1 34 57 | 21°50'41 | 10♓56 | 17° 1 | 9°22 | 21°39 | 20°42 | 20°19 | 20°23 | 2° 3 | 8°12 | 27°11 | 25°54 | 14°26 | 21°42 | S 15 |
| M16 | 1 38 53 | 22°49'53 | 23° 6 | 17°48 | 10°31 | 22° 7 | 20°52 | 20°18 | 20°20 | 2° 5 | 8°13 | 27°R12 | 25°50 | 14°33 | 21°50 | M16 |
| T 17 | 1 42 50 | 23°49'08 | 5♈28 | 18°31 | 11°40 | 22°35 | 21° 2 | 20°17 | 20°18 | 2° 7 | 8°13 | 27°12 | 25°47 | 14°39 | 21°58 | T 17 |
| W18 | 1 46 46 | 24°48'24 | 18° 6 | 19°10 | 12°48 | 23° 3 | 21°12 | 20°17 | 20°15 | 2° 9 | 8°14 | 27°11 | 25°44 | 14°46 | 22° 5 | W18 |
| T 19 | 1 50 43 | 25°47'43 | 0♉59 | 19°44 | 13°58 | 23°31 | 21°22 | 20°16 | 20°13 | 2°11 | 8°14 | 27° 8 | 25°41 | 14°53 | 22°13 | T 19 |
| F 20 | 1 54 40 | 26°47'03 | 14° 8 | 20°13 | 15° 7 | 23°58 | 21°32 | 20°16 | 20°11 | 2°13 | 8°15 | 27° 4 | 25°38 | 14°59 | 22°21 | F 20 |
| S 21 | 1 58 36 | 27°46'26 | 27°31 | 20°37 | 16°16 | 24°25 | 21°43 | 20°15 | 20° 8 | 2°15 | 8°15 | 26°59 | 25°35 | 15° 6 | 22°28 | S 21 |
| S 22 | 2 2 33 | 28°45'51 | 11♊ 8 | 20°54 | 17°26 | 24°52 | 21°53 | 20°15 | 20° 6 | 2°17 | 8°16 | 26°54 | 25°31 | 15°13 | 22°36 | S 22 |
| M23 | 2 6 29 | 29°45'18 | 24°55 | 21° 5 | 18°35 | 25°18 | 22° 4 | 20°15 | 20° 3 | 2°19 | 8°16 | 26°49 | 25°28 | 15°19 | 22°43 | M23 |
| T 24 | 2 10 26 | 0♏44'47 | 8♋51 | 21°R 9 | 19°45 | 25°44 | 22°15 | 20°15 | 20° 1 | 2°21 | 8°17 | 26°46 | 25°25 | 15°26 | 22°51 | T 24 |
| W25 | 2 14 22 | 1°44'19 | 22°54 | 21° 5 | 20°55 | 26°10 | 22°25 | 20°D15 | 19°59 | 2°23 | 8°17 | 26°44 | 25°22 | 15°33 | 22°58 | W25 |
| T 26 | 2 18 19 | 2°43'53 | 7♌ 1 | 20°54 | 22° 5 | 26°35 | 22°36 | 20°15 | 19°56 | 2°25 | 8°18 | 26°D44 | 25°19 | 15°39 | 23° 5 | T 26 |
| F 27 | 2 22 15 | 3°43'30 | 21°12 | 20°33 | 23°16 | 27° 0 | 22°47 | 20°15 | 19°54 | 2°27 | 8°18 | 26°45 | 25°15 | 15°46 | 23°13 | F 27 |
| S 28 | 2 26 12 | 4°43'08 | 5♍25 | 20° 4 | 24°26 | 27°25 | 22°58 | 20°15 | 19°52 | 2°29 | 8°18 | 26°46 | 25°12 | 15°53 | 23°20 | S 28 |
| S 29 | 2 30 9 | 5°42'49 | 19°37 | 19°26 | 25°36 | 27°49 | 23° 9 | 20°15 | 19°49 | 2°31 | 8°19 | 26°R47 | 25° 9 | 15°59 | 23°27 | S 29 |
| M30 | 2 34 5 | 6°42'32 | 3♎46 | 18°40 | 26°47 | 28°12 | 23°21 | 20°16 | 19°47 | 2°33 | 8°19 | 26°47 | 25° 6 | 16° 6 | 23°34 | M30 |
| T 31 | 2 38 2 | 7♏42'17 | 17♎49 | 17♏45 | 27♍58 | 28♋36 | 23♐32 | 20♒17 | 19♈45 | 2♎35 | 8♌19 | 26♓46 | 25♓ 3 | 16♒13 | 23♍41 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s12 | 9n17 | 1n35 | 13s37 | 1s44 | 12n59 | 0s38 | 22n58 | 0n22 | 22s34 | 0n20 | 15s44 | 1s14 | 7n32 | 0s41 | 0n28 | 1n11 | 21n18 | 3n11 | 1s 5 | 1s20 | 20s20 | 0s 3 | 4s25 |
| M 2 | 3 35 | 2 23 | 0 15 | 14 11 | 1 51 | 12 42 | 0 34 | 22 56 | 0 23 | 22 35 | 0 20 | 15 44 | 1 14 | 7 31 | 0 41 | 0 27 | 1 11 | 21 18 | 3 12 | 1 4 | 1 21 | 20 17 | 0 6 | 4 25 |
| T 3 | 3 58 | 4s34 | 1s 5 | 14 44 | 1 58 | 12 24 | 0 29 | 22 53 | 0 25 | 22 35 | 0 20 | 15 45 | 1 14 | 7 30 | 0 41 | 0 27 | 1 11 | 21 18 | 3 12 | 1 4 | 1 23 | 20 15 | 0 9 | 4 25 |
| W 4 | 4 21 | 11 10 | 2 19 | 15 16 | 2 5 | 12 6 | 0 24 | 22 51 | 0 26 | 22 36 | 0 20 | 15 46 | 1 14 | 7 29 | 0 41 | 0 26 | 1 11 | 21 18 | 3 12 | 1 5 | 1 24 | 20 12 | 0 12 | 4 25 |
| T 5 | 4 44 | 17 5 | 3 23 | 15 47 | 2 12 | 11 48 | 0 19 | 22 49 | 0 28 | 22 37 | 0 20 | 15 46 | 1 14 | 7 28 | 0 41 | 0 25 | 1 11 | 21 18 | 3 12 | 1 5 | 1 25 | 20 9 | 0 15 | 4 25 |
| F 6 | 5 7 | 21 59 | 4 14 | 16 17 | 2 19 | 11 29 | 0 15 | 22 46 | 0 29 | 22 38 | 0 19 | 15 47 | 1 14 | 7 27 | 0 41 | 0 24 | 1 11 | 21 18 | 3 12 | 1 6 | 1 26 | 20 7 | 0 19 | 4 25 |
| S 7 | 5 30 | 25 38 | 4 50 | 16 46 | 2 26 | 11 10 | 0 10 | 22 44 | 0 31 | 22 39 | 0 19 | 15 47 | 1 14 | 7 26 | 0 41 | 0 23 | 1 11 | 21 18 | 3 12 | 1 7 | 1 28 | 20 4 | 0 22 | 4 25 |
| S 8 | 5 53 | 27 52 | 5 10 | 17 14 | 2 32 | 10 51 | 0 6 | 22 41 | 0 32 | 22 40 | 0 19 | 15 48 | 1 14 | 7 25 | 0 41 | 0 22 | 1 11 | 21 18 | 3 12 | 1 8 | 1 29 | 20 2 | 0 25 | 4 25 |
| M 9 | 6 15 | 28 38 | 5 15 | 17 41 | 2 38 | 10 31 | 0 1 | 22 39 | 0 34 | 22 40 | 0 19 | 15 48 | 1 14 | 7 24 | 0 41 | 0 21 | 1 11 | 21 18 | 3 13 | 1 9 | 1 30 | 19 59 | 0 28 | 4 25 |
| T 10 | 6 38 | 27 59 | 5 6 | 18 6 | 2 44 | 10 10 | 0n 3 | 22 36 | 0 35 | 22 41 | 0 19 | 15 49 | 1 14 | 7 24 | 0 41 | 0 21 | 1 11 | 21 17 | 3 13 | 1 9 | 1 31 | 19 57 | 0 31 | 4 25 |
| W11 | 7 0 | 26 1 | 4 43 | 18 31 | 2 50 | 9 50 | 0 7 | 22 33 | 0 37 | 22 42 | 0 19 | 15 49 | 1 14 | 7 23 | 0 41 | 0 20 | 1 11 | 21 17 | 3 13 | 1 9 | 1 33 | 19 54 | 0 34 | 4 25 |
| T 12 | 7 23 | 22 56 | 4 8 | 18 54 | 2 55 | 9 29 | 0 12 | 22 30 | 0 39 | 22 43 | 0 19 | 15 49 | 1 13 | 7 22 | 0 41 | 0 19 | 1 11 | 21 17 | 3 13 | 1 9 | 1 34 | 19 51 | 0 37 | 4 25 |
| F 13 | 7 45 | 18 55 | 3 23 | 19 15 | 3 0 | 9 8 | 0 16 | 22 28 | 0 40 | 22 44 | 0 18 | 15 50 | 1 13 | 7 21 | 0 41 | 0 18 | 1 11 | 21 17 | 3 13 | 1 8 | 1 35 | 19 49 | 0 40 | 4 25 |
| S 14 | 8 7 | 14 9 | 2 29 | 19 35 | 3 4 | 8 46 | 0 20 | 22 25 | 0 42 | 22 45 | 0 18 | 15 50 | 1 13 | 7 20 | 0 41 | 0 17 | 1 11 | 21 17 | 3 13 | 1 7 | 1 36 | 19 46 | 0 43 | 4 25 |
| S 15 | 8 30 | 8 49 | 1 28 | 19 53 | 3 8 | 8 24 | 0 24 | 22 22 | 0 43 | 22 45 | 0 18 | 15 50 | 1 13 | 7 19 | 0 41 | 0 16 | 1 11 | 21 17 | 3 13 | 1 7 | 1 38 | 19 44 | 0 46 | 4 25 |
| M16 | 8 52 | 3 5 | 0 23 | 20 10 | 3 12 | 8 2 | 0 28 | 22 19 | 0 45 | 22 46 | 0 18 | 15 51 | 1 13 | 7 18 | 0 41 | 0 16 | 1 11 | 21 17 | 3 14 | 1 7 | 1 39 | 19 41 | 0 50 | 4 25 |
| T 17 | 9 13 | 2n52 | 0n45 | 20 25 | 3 15 | 7 40 | 0 32 | 22 16 | 0 47 | 22 47 | 0 18 | 15 51 | 1 13 | 7 17 | 0 41 | 0 15 | 1 11 | 21 17 | 3 14 | 1 7 | 1 40 | 19 38 | 0 53 | 4 25 |
| W18 | 9 35 | 8 49 | 1 52 | 20 38 | 3 17 | 7 17 | 0 35 | 22 13 | 0 48 | 22 48 | 0 18 | 15 51 | 1 13 | 7 16 | 0 41 | 0 14 | 1 11 | 21 17 | 3 14 | 1 7 | 1 42 | 19 36 | 0 56 | 4 25 |
| T 19 | 9 57 | 14 31 | 2 55 | 20 49 | 3 18 | 6 54 | 0 39 | 22 10 | 0 50 | 22 49 | 0 18 | 15 51 | 1 13 | 7 15 | 0 41 | 0 13 | 1 11 | 21 17 | 3 14 | 1 8 | 1 43 | 19 33 | 0 59 | 4 25 |
| F 20 | 10 18 | 19 41 | 3 49 | 20 57 | 3 19 | 6 31 | 0 43 | 22 7 | 0 52 | 22 50 | 0 17 | 15 51 | 1 13 | 7 14 | 0 41 | 0 12 | 1 11 | 21 17 | 3 14 | 1 10 | 1 44 | 19 31 | 1 2 | 4 25 |
| S 21 | 10 40 | 23 58 | 4 32 | 21 3 | 3 19 | 6 7 | 0 46 | 22 4 | 0 54 | 22 50 | 0 17 | 15 51 | 1 13 | 7 14 | 0 41 | 0 12 | 1 11 | 21 17 | 3 14 | 1 12 | 1 45 | 19 28 | 1 5 | 4 25 |
| S 22 | 11 1 | 27 1 | 5 0 | 21 7 | 3 18 | 5 43 | 0 50 | 22 1 | 0 55 | 22 51 | 0 17 | 15 51 | 1 13 | 7 13 | 0 41 | 0 11 | 1 11 | 21 17 | 3 15 | 1 14 | 1 47 | 19 25 | 1 8 | 4 25 |
| M23 | 11 22 | 28 29 | 5 12 | 21 8 | 3 15 | 5 19 | 0 53 | 21 58 | 0 57 | 22 52 | 0 17 | 15 52 | 1 13 | 7 12 | 0 41 | 0 10 | 1 11 | 21 17 | 3 15 | 1 16 | 1 48 | 19 23 | 1 11 | 4 25 |
| T 24 | 11 42 | 28 10 | 5 5 | 21 5 | 3 12 | 4 55 | 0 56 | 21 55 | 0 59 | 22 53 | 0 17 | 15 52 | 1 13 | 7 11 | 0 41 | 0 9 | 1 11 | 21 17 | 3 15 | 1 17 | 1 49 | 19 20 | 1 14 | 4 25 |
| W25 | 12 3 | 26 3 | 4 40 | 21 0 | 3 7 | 4 30 | 0 59 | 21 52 | 1 1 | 22 53 | 0 17 | 15 51 | 1 13 | 7 10 | 0 41 | 0 8 | 1 11 | 21 17 | 3 15 | 1 18 | 1 50 | 19 17 | 1 17 | 4 25 |
| T 26 | 12 24 | 22 19 | 3 58 | 20 51 | 3 1 | 4 5 | 1 3 | 21 49 | 1 3 | 22 54 | 0 17 | 15 51 | 1 13 | 7 9 | 0 41 | 0 8 | 1 11 | 21 17 | 3 15 | 1 18 | 1 52 | 19 15 | 1 20 | 4 25 |
| F 27 | 12 44 | 17 16 | 3 2 | 20 38 | 2 53 | 3 40 | 1 6 | 21 46 | 1 5 | 22 55 | 0 17 | 15 51 | 1 13 | 7 8 | 0 41 | 0 7 | 1 11 | 21 17 | 3 15 | 1 17 | 1 53 | 19 12 | 1 23 | 4 25 |
| S 28 | 13 4 | 11 16 | 1 54 | 20 21 | 2 44 | 3 15 | 1 8 | 21 43 | 1 6 | 22 56 | 0 16 | 15 51 | 1 13 | 7 7 | 0 40 | 0 6 | 1 11 | 21 18 | 3 15 | 1 17 | 1 54 | 19 9 | 1 25 | 4 25 |
| S 29 | 13 24 | 4 42 | 0 39 | 20 0 | 2 32 | 2 50 | 1 11 | 21 40 | 1 8 | 22 56 | 0 16 | 15 51 | 1 13 | 7 7 | 0 40 | 0 5 | 1 11 | 21 18 | 3 16 | 1 16 | 1 55 | 19 7 | 1 28 | 4 25 |
| M30 | 13 43 | 2s 5 | 0s38 | 19 34 | 2 20 | 2 24 | 1 14 | 21 37 | 1 10 | 22 57 | 0 16 | 15 51 | 1 13 | 7 6 | 0 40 | 0 5 | 1 11 | 21 18 | 3 16 | 1 16 | 1 57 | 19 4 | 1 31 | 4 26 |
| T 31 | 14s 3 | 8s42 | 1s52 | 19s 5 | 2s 5 | 1n59 | 1n17 | 21n34 | 1n12 | 22s58 | 0n16 | 15s51 | 1s13 | 7n 5 | 0s40 | 0n 4 | 1n11 | 21n18 | 3n16 | 1s17 | 1s58 | 19s 1 | 1s34 | 4s26 |

Julian Day Number = 2610333.5, Delta T = 10m22s
Ecliptic obliquity = 23°23'08, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'07, Lahiri = 29°56'09


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## NOVEMBER 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 41 58 | 8♏42'04 | 1♏42 | 16°R43 | 29♍ 9 | 28♋59 | 23♐43 | 20♒17 | 19°R43 | 2♎37 | 8♌19 | 26°R42 | 25♓ 0 | 16♒19 | 23♍48 | W 1 |
| T 2 | 2 45 55 | 9°41'53 | 15°22 | 15♏34 | 0♎20 | 29°21 | 23°55 | 20°18 | 19♈40 | 2°39 | 8°19 | 26♓36 | 24°56 | 16°26 | 23°55 | T 2 |
| F 3 | 2 49 51 | 10°41'44 | 28°45 | 14°21 | 1°31 | 29°43 | 24° 6 | 20°19 | 19°38 | 2°41 | 8°20 | 26°28 | 24°53 | 16°33 | 24° 2 | F 3 |
| S 4 | 2 53 48 | 11°41'37 | 11♐49 | 13° 5 | 2°42 | 0♌ 5 | 24°18 | 20°20 | 19°36 | 2°42 | 8°20 | 26°20 | 24°50 | 16°39 | 24° 9 | S 4 |
| S 5 | 2 57 44 | 12°41'32 | 24°35 | 11°48 | 3°54 | 0°26 | 24°30 | 20°21 | 19°34 | 2°44 | 8°20 | 26°12 | 24°47 | 16°46 | 24°16 | S 5 |
| M 6 | 3 1 41 | 13°41'29 | 7♑ 2 | 10°33 | 5° 5 | 0°47 | 24°41 | 20°22 | 19°32 | 2°46 | 8°20 | 26° 5 | 24°44 | 16°53 | 24°23 | M 6 |
| T 7 | 3 5 38 | 14°41'27 | 19°14 | 9°22 | 6°17 | 1° 8 | 24°53 | 20°24 | 19°29 | 2°48 | 8°20 | 26° 0 | 24°41 | 16°59 | 24°29 | T 7 |
| W 8 | 3 9 34 | 15°41'27 | 1♒14 | 8°17 | 7°28 | 1°27 | 25° 5 | 20°25 | 19°27 | 2°50 | 8°20 | 25°56 | 24°37 | 17° 6 | 24°36 | W 8 |
| T 9 | 3 13 31 | 16°41'28 | 13° 6 | 7°21 | 8°40 | 1°47 | 25°17 | 20°26 | 19°25 | 2°51 | 8°R20 | 25°D55 | 24°34 | 17°13 | 24°42 | T 9 |
| F 10 | 3 17 27 | 17°41'31 | 24°55 | 6°34 | 9°52 | 2° 6 | 25°29 | 20°28 | 19°23 | 2°53 | 8°20 | 25°55 | 24°31 | 17°19 | 24°49 | F 10 |
| S 11 | 3 21 24 | 18°41'36 | 6♓47 | 5°58 | 11° 4 | 2°24 | 25°41 | 20°30 | 19°21 | 2°55 | 8°20 | 25°56 | 24°28 | 17°26 | 24°55 | S 11 |
| S 12 | 3 25 20 | 19°41'42 | 18°48 | 5°34 | 12°16 | 2°42 | 25°54 | 20°32 | 19°19 | 2°56 | 8°20 | 25°57 | 24°25 | 17°33 | 25° 1 | S 12 |
| M13 | 3 29 17 | 20°41'50 | 1♈ 1 | 5°21 | 13°28 | 2°59 | 26° 6 | 20°33 | 19°17 | 2°58 | 8°20 | 25°R58 | 24°21 | 17°39 | 25° 7 | M13 |
| T 14 | 3 33 13 | 21°41'59 | 13°30 | 5°D20 | 14°41 | 3°16 | 26°18 | 20°35 | 19°15 | 3° 0 | 8°20 | 25°56 | 24°18 | 17°46 | 25°14 | T 14 |
| W15 | 3 37 10 | 22°42'10 | 26°20 | 5°30 | 15°53 | 3°33 | 26°30 | 20°38 | 19°13 | 3° 1 | 8°19 | 25°52 | 24°15 | 17°53 | 25°20 | W15 |
| T 16 | 3 41 7 | 23°42'22 | 9♉31 | 5°50 | 17° 5 | 3°48 | 26°43 | 20°40 | 19°11 | 3° 3 | 8°19 | 25°45 | 24°12 | 17°59 | 25°26 | T 16 |
| F 17 | 3 45 3 | 24°42'36 | 23° 3 | 6°20 | 18°18 | 4° 4 | 26°55 | 20°42 | 19°10 | 3° 4 | 8°19 | 25°37 | 24° 9 | 18° 6 | 25°32 | F 17 |
| S 18 | 3 49 0 | 25°42'52 | 6♊53 | 6°58 | 19°31 | 4°18 | 27° 8 | 20°44 | 19° 8 | 3° 6 | 8°19 | 25°27 | 24° 6 | 18°13 | 25°37 | S 18 |
| S 19 | 3 52 56 | 26°43'10 | 20°58 | 7°45 | 20°43 | 4°32 | 27°21 | 20°47 | 19° 6 | 3° 7 | 8°19 | 25°16 | 24° 2 | 18°19 | 25°43 | S 19 |
| M20 | 3 56 53 | 27°43'30 | 5♋12 | 8°38 | 21°56 | 4°46 | 27°33 | 20°49 | 19° 4 | 3° 9 | 8°18 | 25° 7 | 23°59 | 18°26 | 25°49 | M20 |
| T 21 | 4 0 49 | 28°43'51 | 19°31 | 9°37 | 23° 9 | 4°59 | 27°46 | 20°52 | 19° 3 | 3°10 | 8°18 | 24°59 | 23°56 | 18°33 | 25°54 | T 21 |
| W22 | 4 4 46 | 29°44'14 | 3♌49 | 10°42 | 24°22 | 5°11 | 27°59 | 20°55 | 19° 1 | 3°12 | 8°18 | 24°54 | 23°53 | 18°39 | 26° 0 | W22 |
| T 23 | 4 8 43 | 0♐44'40 | 18° 3 | 11°51 | 25°35 | 5°23 | 28°12 | 20°58 | 18°59 | 3°13 | 8°17 | 24°51 | 23°50 | 18°46 | 26° 5 | T 23 |
| F 24 | 4 12 39 | 1°45'07 | 2♍10 | 13° 4 | 26°48 | 5°34 | 28°24 | 21° 1 | 18°58 | 3°14 | 8°17 | 24°D51 | 23°47 | 18°53 | 26°11 | F 24 |
| S 25 | 4 16 36 | 2°45'35 | 16°11 | 14°21 | 28° 1 | 5°44 | 28°37 | 21° 4 | 18°56 | 3°16 | 8°17 | 24°51 | 23°43 | 19° 0 | 26°16 | S 25 |
| S 26 | 4 20 32 | 3°46'06 | 0♎ 3 | 15°40 | 29°14 | 5°54 | 28°50 | 21° 7 | 18°55 | 3°17 | 8°16 | 24°R51 | 23°40 | 19° 6 | 26°21 | S 26 |
| M27 | 4 24 29 | 4°46'38 | 13°48 | 17° 2 | 0♏28 | 6° 3 | 29° 3 | 21°10 | 18°53 | 3°18 | 8°16 | 24°50 | 23°37 | 19°13 | 26°26 | M27 |
| T 28 | 4 28 25 | 5°47'13 | 27°25 | 18°26 | 1°41 | 6°11 | 29°16 | 21°13 | 18°52 | 3°20 | 8°15 | 24°46 | 23°34 | 19°20 | 26°31 | T 28 |
| W29 | 4 32 22 | 6°47'48 | 10♏52 | 19°51 | 2°54 | 6°19 | 29°30 | 21°17 | 18°50 | 3°21 | 8°15 | 24°39 | 23°31 | 19°26 | 26°36 | W29 |
| T 30 | 4 36 18 | 7♐48'26 | 24♏ 8 | 21♏19 | 4♏ 8 | 6♌25 | 29♐43 | 21♒20 | 18♈49 | 3♎22 | 8♌14 | 24♓29 | 23♓27 | 19♒33 | 26♍41 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s22 | 14s49 | 2s58 | 18s32 | 1s49 | 1n33 | 1n19 | 21n32 | 1n14 | 22s58 | 0n16 | 15s50 | 1s13 | 7n 4 | 0s40 | 0n 3 | 1n11 | 21n18 | 3n16 | 1s19 | 1s59 | 18s59 | 1s37 | 4s26 |
| T 2 | 14 41 | 20 6 | 3 52 | 17 55 | 1 31 | 1 7 | 1 22 | 21 29 | 1 16 | 22 59 | 0 16 | 15 50 | 1 12 | 7 3 | 0 40 | 0 3 | 1 11 | 21 18 | 3 16 | 1 21 | 2 0 | 18 56 | 1 40 | 4 26 |
| F 3 | 15 0 | 24 16 | 4 33 | 17 15 | 1 12 | 0 41 | 1 24 | 21 26 | 1 18 | 23 0 | 0 16 | 15 50 | 1 12 | 7 2 | 0 40 | 0 2 | 1 11 | 21 18 | 3 16 | 1 24 | 2 2 | 18 53 | 1 43 | 4 26 |
| S 4 | 15 18 | 27 5 | 4 58 | 16 33 | 0 52 | 0 15 | 1 26 | 21 24 | 1 20 | 23 0 | 0 16 | 15 49 | 1 12 | 7 2 | 0 40 | 0 1 | 1 11 | 21 18 | 3 17 | 1 27 | 2 3 | 18 51 | 1 45 | 4 26 |
| S 5 | 15 37 | 28 24 | 5 8 | 15 50 | 0 31 | 0s11 | 1 29 | 21 21 | 1 22 | 23 1 | 0 15 | 15 49 | 1 12 | 7 1 | 0 40 | 0 0 | 1 12 | 21 18 | 3 17 | 1 30 | 2 4 | 18 48 | 1 48 | 4 26 |
| M 6 | 15 55 | 28 14 | 5 2 | 15 7 | 0 10 | 0 38 | 1 31 | 21 18 | 1 24 | 23 1 | 0 15 | 15 48 | 1 12 | 7 0 | 0 40 | 0s 0 | 1 12 | 21 18 | 3 17 | 1 33 | 2 5 | 18 45 | 1 51 | 4 26 |
| T 7 | 16 13 | 26 41 | 4 43 | 14 25 | 0n10 | 1 4 | 1 33 | 21 16 | 1 26 | 23 2 | 0 15 | 15 48 | 1 12 | 6 59 | 0 40 | 0 1 | 1 12 | 21 19 | 3 17 | 1 35 | 2 7 | 18 43 | 1 54 | 4 26 |
| W 8 | 16 30 | 23 56 | 4 12 | 13 46 | 0 30 | 1 31 | 1 35 | 21 14 | 1 29 | 23 3 | 0 15 | 15 47 | 1 12 | 6 58 | 0 40 | 0 2 | 1 12 | 21 19 | 3 17 | 1 37 | 2 8 | 18 40 | 1 56 | 4 27 |
| T 9 | 16 47 | 20 12 | 3 30 | 13 10 | 0 48 | 1 57 | 1 36 | 21 12 | 1 31 | 23 3 | 0 15 | 15 47 | 1 12 | 6 58 | 0 40 | 0 2 | 1 12 | 21 19 | 3 17 | 1 37 | 2 9 | 18 37 | 1 59 | 4 27 |
| F 10 | 17 4 | 15 41 | 2 39 | 12 39 | 1 5 | 2 24 | 1 38 | 21 9 | 1 33 | 23 4 | 0 15 | 15 46 | 1 12 | 6 57 | 0 40 | 0 3 | 1 12 | 21 19 | 3 17 | 1 37 | 2 10 | 18 34 | 2 2 | 4 27 |
| S 11 | 17 21 | 10 34 | 1 41 | 12 13 | 1 21 | 2 50 | 1 40 | 21 7 | 1 35 | 23 4 | 0 15 | 15 46 | 1 12 | 6 56 | 0 40 | 0 3 | 1 12 | 21 19 | 3 18 | 1 37 | 2 12 | 18 32 | 2 4 | 4 27 |
| S 12 | 17 37 | 5 1 | 0 38 | 11 52 | 1 34 | 3 17 | 1 41 | 21 5 | 1 37 | 23 5 | 0 15 | 15 45 | 1 12 | 6 55 | 0 40 | 0 4 | 1 12 | 21 19 | 3 18 | 1 36 | 2 13 | 18 29 | 2 7 | 4 27 |
| M13 | 17 53 | 0n49 | 0n27 | 11 37 | 1 46 | 3 44 | 1 43 | 21 4 | 1 40 | 23 5 | 0 15 | 15 45 | 1 12 | 6 55 | 0 40 | 0 5 | 1 12 | 21 20 | 3 18 | 1 36 | 2 14 | 18 26 | 2 10 | 4 27 |
| T 14 | 18 9 | 6 45 | 1 33 | 11 27 | 1 56 | 4 10 | 1 44 | 21 2 | 1 42 | 23 6 | 0 14 | 15 44 | 1 12 | 6 54 | 0 40 | 0 5 | 1 12 | 21 20 | 3 18 | 1 37 | 2 15 | 18 24 | 2 12 | 4 28 |
| W15 | 18 24 | 12 33 | 2 35 | 11 23 | 2 4 | 4 37 | 1 45 | 21 0 | 1 44 | 23 6 | 0 14 | 15 43 | 1 12 | 6 53 | 0 40 | 0 6 | 1 12 | 21 20 | 3 18 | 1 38 | 2 17 | 18 21 | 2 15 | 4 28 |
| T 16 | 18 39 | 17 58 | 3 31 | 11 23 | 2 10 | 5 3 | 1 47 | 20 59 | 1 46 | 23 7 | 0 14 | 15 42 | 1 12 | 6 53 | 0 40 | 0 7 | 1 12 | 21 20 | 3 18 | 1 41 | 2 18 | 18 18 | 2 17 | 4 28 |
| F 17 | 18 54 | 22 38 | 4 16 | 11 29 | 2 15 | 5 30 | 1 48 | 20 58 | 1 49 | 23 7 | 0 14 | 15 42 | 1 12 | 6 52 | 0 40 | 0 7 | 1 12 | 21 20 | 3 19 | 1 44 | 2 19 | 18 15 | 2 20 | 4 28 |
| S 18 | 19 9 | 26 8 | 4 48 | 11 38 | 2 18 | 5 56 | 1 49 | 20 56 | 1 51 | 23 7 | 0 14 | 15 41 | 1 12 | 6 51 | 0 40 | 0 8 | 1 12 | 21 20 | 3 19 | 1 48 | 2 20 | 18 13 | 2 22 | 4 28 |
| S 19 | 19 23 | 28 7 | 5 3 | 11 52 | 2 19 | 6 23 | 1 50 | 20 55 | 1 54 | 23 8 | 0 14 | 15 40 | 1 12 | 6 51 | 0 40 | 0 8 | 1 12 | 21 21 | 3 19 | 1 52 | 2 22 | 18 10 | 2 25 | 4 28 |
| M20 | 19 36 | 28 16 | 4 59 | 12 8 | 2 20 | 6 49 | 1 50 | 20 54 | 1 56 | 23 8 | 0 14 | 15 39 | 1 12 | 6 50 | 0 40 | 0 9 | 1 12 | 21 21 | 3 19 | 1 56 | 2 23 | 18 7 | 2 27 | 4 29 |
| T 21 | 19 50 | 26 32 | 4 36 | 12 27 | 2 19 | 7 15 | 1 51 | 20 54 | 1 58 | 23 8 | 0 14 | 15 38 | 1 12 | 6 49 | 0 40 | 0 9 | 1 12 | 21 21 | 3 19 | 1 59 | 2 24 | 18 4 | 2 30 | 4 29 |
| W22 | 20 3 | 23 5 | 3 57 | 12 49 | 2 18 | 7 42 | 1 52 | 20 53 | 2 1 | 23 9 | 0 14 | 15 37 | 1 11 | 6 49 | 0 40 | 0 10 | 1 12 | 21 21 | 3 19 | 2 1 | 2 25 | 18 1 | 2 32 | 4 29 |
| T 23 | 20 16 | 18 17 | 3 3 | 13 12 | 2 15 | 8 8 | 1 52 | 20 53 | 2 3 | 23 9 | 0 13 | 15 36 | 1 11 | 6 48 | 0 40 | 0 10 | 1 12 | 21 22 | 3 19 | 2 2 | 2 27 | 17 59 | 2 34 | 4 29 |
| F 24 | 20 28 | 12 30 | 1 58 | 13 37 | 2 12 | 8 33 | 1 53 | 20 52 | 2 6 | 23 9 | 0 13 | 15 35 | 1 11 | 6 48 | 0 40 | 0 11 | 1 12 | 21 22 | 3 20 | 2 3 | 2 28 | 17 56 | 2 37 | 4 29 |
| S 25 | 20 40 | 6 9 | 0 46 | 14 4 | 2 8 | 8 59 | 1 53 | 20 52 | 2 8 | 23 9 | 0 13 | 15 34 | 1 11 | 6 47 | 0 40 | 0 11 | 1 12 | 21 22 | 3 20 | 2 2 | 2 29 | 17 53 | 2 39 | 4 30 |
| S 26 | 20 51 | 0s27 | 0s28 | 14 31 | 2 4 | 9 25 | 1 53 | 20 52 | 2 11 | 23 10 | 0 13 | 15 33 | 1 11 | 6 47 | 0 40 | 0 12 | 1 12 | 21 22 | 3 20 | 2 2 | 2 31 | 17 50 | 2 41 | 4 30 |
| M27 | 21 3 | 6 57 | 1 39 | 14 59 | 1 59 | 9 50 | 1 53 | 20 53 | 2 14 | 23 10 | 0 13 | 15 32 | 1 11 | 6 46 | 0 40 | 0 12 | 1 12 | 21 23 | 3 20 | 2 3 | 2 32 | 17 48 | 2 43 | 4 30 |
| T 28 | 21 13 | 13 4 | 2 44 | 15 27 | 1 53 | 10 16 | 1 53 | 20 53 | 2 16 | 23 10 | 0 13 | 15 31 | 1 11 | 6 45 | 0 40 | 0 13 | 1 12 | 21 23 | 3 20 | 2 5 | 2 33 | 17 45 | 2 45 | 4 30 |
| W29 | 21 24 | 18 30 | 3 38 | 15 56 | 1 48 | 10 41 | 1 53 | 20 54 | 2 19 | 23 10 | 0 13 | 15 30 | 1 11 | 6 45 | 0 40 | 0 13 | 1 12 | 21 23 | 3 20 | 2 7 | 2 34 | 17 42 | 2 48 | 4 31 |
| T 30 | 21s34 | 22s58 | 4s20 | 16s25 | 1n42 | 11s 5 | 1n53 | 20n55 | 2n22 | 23s10 | 0n13 | 15s29 | 1s11 | 6n45 | 0s40 | 0s14 | 1n12 | 21n23 | 3n20 | 2s11 | 2s36 | 17s39 | 2s50 | 4s31 |

Julian Day Number = 2610364.5, Delta T = 10m22s
Ecliptic obliquity = 23°23'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'11, Lahiri = 29°56'13


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# ASTRODIENST EPHEMERIS for the year 2434
# geocentric

## DECEMBER 2434 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 40 15 | 8♐49'05 | 7♐13 | 22♏47 | 5♏22 | 6♌31 | 29♐56 | 21♒24 | 18°R48 | 3♎23 | 8°R14 | 24°R17 | 23♓24 | 19♒40 | 26♍46 | F 1 |
| S 2 | 4 44 12 | 9°49'46 | 20° 3 | 24°16 | 6°35 | 6°37 | 0♑ 9 | 21°27 | 18♈46 | 3°24 | 8♌13 | 24♓ 4 | 23°21 | 19°46 | 26°50 | S 2 |
| S 3 | 4 48 8 | 10°50'27 | 2♑39 | 25°46 | 7°49 | 6°41 | 0°22 | 21°31 | 18°45 | 3°25 | 8°12 | 23°50 | 23°18 | 19°53 | 26°55 | S 3 |
| M 4 | 4 52 5 | 11°51'11 | 15° 1 | 27°17 | 9° 3 | 6°45 | 0°36 | 21°35 | 18°44 | 3°27 | 8°12 | 23°38 | 23°15 | 20° 0 | 26°59 | M 4 |
| T 5 | 4 56 1 | 12°51'55 | 27° 9 | 28°48 | 10°16 | 6°48 | 0°49 | 21°39 | 18°43 | 3°28 | 8°11 | 23°28 | 23°12 | 20° 6 | 27° 4 | T 5 |
| W 6 | 4 59 58 | 13°52'40 | 9♒ 7 | 0♐20 | 11°30 | 6°51 | 1° 2 | 21°43 | 18°42 | 3°29 | 8°10 | 23°20 | 23° 8 | 20°13 | 27° 8 | W 6 |
| T 7 | 5 3 54 | 14°53'26 | 20°57 | 1°52 | 12°44 | 6°52 | 1°16 | 21°47 | 18°41 | 3°30 | 8°10 | 23°16 | 23° 5 | 20°20 | 27°12 | T 7 |
| F 8 | 5 7 51 | 15°54'13 | 2♓45 | 3°24 | 13°58 | 6°R53 | 1°29 | 21°51 | 18°40 | 3°31 | 8° 9 | 23°13 | 23° 2 | 20°26 | 27°16 | F 8 |
| S 9 | 5 11 47 | 16°55'01 | 14°35 | 4°57 | 15°12 | 6°53 | 1°43 | 21°55 | 18°39 | 3°31 | 8° 8 | 23°13 | 22°59 | 20°33 | 27°20 | S 9 |
| S 10 | 5 15 44 | 17°55'50 | 26°32 | 6°30 | 16°26 | 6°52 | 1°56 | 22° 0 | 18°38 | 3°32 | 8° 8 | 23°13 | 22°56 | 20°40 | 27°24 | S 10 |
| M11 | 5 19 41 | 18°56'40 | 8♈44 | 8° 3 | 17°40 | 6°50 | 2°10 | 22° 4 | 18°37 | 3°33 | 8° 7 | 23°12 | 22°53 | 20°46 | 27°27 | M11 |
| T 12 | 5 23 37 | 19°57'31 | 21°14 | 9°36 | 18°54 | 6°47 | 2°23 | 22° 9 | 18°36 | 3°34 | 8° 6 | 23°10 | 22°49 | 20°53 | 27°31 | T 12 |
| W13 | 5 27 34 | 20°58'22 | 4♉ 7 | 11° 9 | 20° 8 | 6°44 | 2°37 | 22°13 | 18°35 | 3°35 | 8° 5 | 23° 5 | 22°46 | 21° 0 | 27°34 | W13 |
| T 14 | 5 31 30 | 21°59'15 | 17°27 | 12°42 | 21°22 | 6°40 | 2°50 | 22°18 | 18°35 | 3°36 | 8° 4 | 22°57 | 22°43 | 21° 6 | 27°38 | T 14 |
| F 15 | 5 35 27 | 23° 0'08 | 1♊12 | 14°15 | 22°36 | 6°34 | 3° 4 | 22°23 | 18°34 | 3°36 | 8° 3 | 22°47 | 22°40 | 21°13 | 27°41 | F 15 |
| S 16 | 5 39 23 | 24° 1'02 | 15°23 | 15°49 | 23°51 | 6°29 | 3°17 | 22°27 | 18°33 | 3°37 | 8° 3 | 22°35 | 22°37 | 21°20 | 27°44 | S 16 |
| S 17 | 5 43 20 | 25° 1'57 | 29°52 | 17°22 | 25° 5 | 6°22 | 3°31 | 22°32 | 18°33 | 3°38 | 8° 2 | 22°23 | 22°33 | 21°26 | 27°47 | S 17 |
| M18 | 5 47 16 | 26° 2'53 | 14♋34 | 18°55 | 26°19 | 6°14 | 3°45 | 22°37 | 18°32 | 3°38 | 8° 1 | 22°11 | 22°30 | 21°33 | 27°50 | M18 |
| T 19 | 5 51 13 | 27° 3'50 | 29°21 | 20°29 | 27°34 | 6° 6 | 3°58 | 22°42 | 18°32 | 3°39 | 8° 0 | 22° 1 | 22°27 | 21°40 | 27°53 | T 19 |
| W20 | 5 55 10 | 28° 4'48 | 14♌ 3 | 22° 3 | 28°48 | 5°56 | 4°12 | 22°47 | 18°31 | 3°39 | 7°59 | 21°55 | 22°24 | 21°46 | 27°56 | W20 |
| T 21 | 5 59 6 | 29° 5'47 | 28°36 | 23°36 | 0♐ 2 | 5°46 | 4°26 | 22°52 | 18°31 | 3°40 | 7°58 | 21°51 | 22°21 | 21°53 | 27°59 | T 21 |
| F 22 | 6 3 3 | 0♑ 6'47 | 12♍55 | 25°10 | 1°17 | 5°35 | 4°39 | 22°58 | 18°31 | 3°40 | 7°57 | 21°49 | 22°18 | 22° 0 | 28° 1 | F 22 |
| S 23 | 6 6 59 | 1° 7'48 | 26°58 | 26°44 | 2°31 | 5°23 | 4°53 | 23° 3 | 18°30 | 3°41 | 7°56 | 21°49 | 22°14 | 22° 6 | 28° 4 | S 23 |
| S 24 | 6 10 56 | 2° 8'50 | 10♎44 | 28°18 | 3°46 | 5°11 | 5° 7 | 23° 8 | 18°30 | 3°41 | 7°55 | 21°49 | 22°11 | 22°13 | 28° 6 | S 24 |
| M25 | 6 14 52 | 3° 9'53 | 24°16 | 29°52 | 5° 0 | 4°57 | 5°21 | 23°14 | 18°30 | 3°42 | 7°54 | 21°47 | 22° 8 | 22°20 | 28° 8 | M25 |
| T 26 | 6 18 49 | 4°10'57 | 7♏34 | 1♑26 | 6°15 | 4°43 | 5°34 | 23°19 | 18°30 | 3°42 | 7°53 | 21°44 | 22° 5 | 22°26 | 28°10 | T 26 |
| W27 | 6 22 46 | 5°12'02 | 20°40 | 3° 1 | 7°30 | 4°28 | 5°48 | 23°25 | 18°30 | 3°42 | 7°52 | 21°37 | 22° 2 | 22°33 | 28°12 | W27 |
| T 28 | 6 26 42 | 6°13'07 | 3♐34 | 4°35 | 8°44 | 4°12 | 6° 2 | 23°30 | 18°D30 | 3°43 | 7°51 | 21°27 | 21°59 | 22°40 | 28°14 | T 28 |
| F 29 | 6 30 39 | 7°14'13 | 16°18 | 6°10 | 9°59 | 3°55 | 6°15 | 23°36 | 18°30 | 3°43 | 7°49 | 21°15 | 21°55 | 22°46 | 28°16 | F 29 |
| S 30 | 6 34 35 | 8°15'20 | 28°50 | 7°45 | 11°14 | 3°38 | 6°29 | 23°42 | 18°30 | 3°43 | 7°48 | 21° 1 | 21°52 | 22°53 | 28°17 | S 30 |
| S 31 | 6 38 32 | 9♑16'28 | 11♑12 | 9♑20 | 12♐28 | 3♌20 | 6♑43 | 23♒47 | 18♈30 | 3♎43 | 7♌47 | 20♓47 | 21♓49 | 23♒ 0 | 28♍19 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s43 | 26s11 | 4s48 | 16s53 | 1n35 | 11s30 | 1n53 | 20n56 | 2n24 | 23s11 | 0n13 | 15s28 | 1s11 | 6n44 | 0s40 | 0s14 | 1n13 | 21n24 | 3n21 | 2s16 | 2s37 | 17s36 | 2s52 | 4s31 |
| S 2 | 21 52 | 28 0 | 5 0 | 17 22 | 1 29 | 11 54 | 1 53 | 20 57 | 2 27 | 23 11 | 0 12 | 15 26 | 1 11 | 6 44 | 0 40 | 0 14 | 1 13 | 21 24 | 3 21 | 2 21 | 2 38 | 17 34 | 2 54 | 4 31 |
| S 3 | 22 1 | 28 18 | 4 57 | 17 50 | 1 22 | 12 19 | 1 52 | 20 58 | 2 30 | 23 11 | 0 12 | 15 25 | 1 11 | 6 43 | 0 40 | 0 15 | 1 13 | 21 24 | 3 21 | 2 27 | 2 39 | 17 31 | 2 56 | 4 32 |
| M 4 | 22 10 | 27 11 | 4 40 | 18 17 | 1 15 | 12 42 | 1 52 | 21 0 | 2 32 | 23 11 | 0 12 | 15 24 | 1 11 | 6 43 | 0 40 | 0 15 | 1 13 | 21 25 | 3 21 | 2 31 | 2 41 | 17 28 | 2 58 | 4 32 |
| T 5 | 22 17 | 24 47 | 4 11 | 18 44 | 1 8 | 13 6 | 1 51 | 21 2 | 2 35 | 23 11 | 0 12 | 15 23 | 1 11 | 6 42 | 0 40 | 0 16 | 1 13 | 21 25 | 3 21 | 2 35 | 2 42 | 17 25 | 3 0 | 4 32 |
| W 6 | 22 25 | 21 19 | 3 31 | 19 11 | 1 1 | 13 29 | 1 51 | 21 4 | 2 38 | 23 11 | 0 12 | 15 21 | 1 11 | 6 42 | 0 40 | 0 16 | 1 13 | 21 25 | 3 21 | 2 38 | 2 43 | 17 22 | 3 2 | 4 32 |
| T 7 | 22 32 | 17 2 | 2 42 | 19 37 | 0 54 | 13 52 | 1 50 | 21 6 | 2 41 | 23 11 | 0 12 | 15 20 | 1 11 | 6 42 | 0 39 | 0 16 | 1 13 | 21 26 | 3 21 | 2 40 | 2 44 | 17 19 | 3 3 | 4 33 |
| F 8 | 22 38 | 12 7 | 1 46 | 20 1 | 0 47 | 14 15 | 1 49 | 21 9 | 2 44 | 23 11 | 0 12 | 15 18 | 1 11 | 6 41 | 0 39 | 0 17 | 1 13 | 21 26 | 3 22 | 2 41 | 2 46 | 17 17 | 3 5 | 4 33 |
| S 9 | 22 45 | 6 46 | 0 46 | 20 26 | 0 39 | 14 38 | 1 49 | 21 12 | 2 46 | 23 11 | 0 12 | 15 17 | 1 11 | 6 41 | 0 39 | 0 17 | 1 13 | 21 26 | 3 22 | 2 41 | 2 47 | 17 14 | 3 7 | 4 33 |
| S 10 | 22 50 | 1 6 | 0n18 | 20 49 | 0 32 | 15 0 | 1 48 | 21 15 | 2 49 | 23 11 | 0 12 | 15 16 | 1 11 | 6 41 | 0 39 | 0 17 | 1 13 | 21 27 | 3 22 | 2 41 | 2 48 | 17 11 | 3 9 | 4 33 |
| M11 | 22 56 | 4n42 | 1 21 | 21 11 | 0 25 | 15 21 | 1 47 | 21 18 | 2 52 | 23 10 | 0 12 | 15 14 | 1 11 | 6 40 | 0 39 | 0 18 | 1 13 | 21 27 | 3 22 | 2 42 | 2 49 | 17 8 | 3 11 | 4 34 |
| T 12 | 23 0 | 10 28 | 2 22 | 21 33 | 0 18 | 15 43 | 1 46 | 21 21 | 2 55 | 23 10 | 0 11 | 15 13 | 1 11 | 6 40 | 0 39 | 0 18 | 1 13 | 21 27 | 3 22 | 2 43 | 2 51 | 17 5 | 3 12 | 4 34 |
| W13 | 23 5 | 15 58 | 3 18 | 21 53 | 0 11 | 16 4 | 1 44 | 21 25 | 2 58 | 23 10 | 0 11 | 15 11 | 1 11 | 6 40 | 0 39 | 0 18 | 1 13 | 21 28 | 3 22 | 2 44 | 2 52 | 17 2 | 3 14 | 4 34 |
| T 14 | 23 9 | 20 55 | 4 5 | 22 12 | 0 4 | 16 24 | 1 43 | 21 29 | 3 1 | 23 10 | 0 11 | 15 10 | 1 11 | 6 40 | 0 39 | 0 18 | 1 13 | 21 28 | 3 22 | 2 47 | 2 53 | 16 59 | 3 15 | 4 34 |
| F 15 | 23 12 | 24 55 | 4 39 | 22 31 | 0s 3 | 16 44 | 1 42 | 21 33 | 3 3 | 23 10 | 0 11 | 15 8 | 1 11 | 6 39 | 0 39 | 0 19 | 1 13 | 21 28 | 3 23 | 2 51 | 2 54 | 16 57 | 3 17 | 4 35 |
| S 16 | 23 15 | 27 31 | 4 58 | 22 48 | 0 10 | 17 4 | 1 41 | 21 37 | 3 6 | 23 10 | 0 11 | 15 6 | 1 10 | 6 39 | 0 39 | 0 19 | 1 13 | 21 29 | 3 23 | 2 56 | 2 56 | 16 54 | 3 19 | 4 35 |
| S 17 | 23 18 | 28 21 | 4 58 | 23 4 | 0 17 | 17 23 | 1 39 | 21 41 | 3 9 | 23 9 | 0 11 | 15 5 | 1 10 | 6 39 | 0 39 | 0 19 | 1 13 | 21 29 | 3 23 | 3 1 | 2 57 | 16 51 | 3 20 | 4 35 |
| M18 | 23 20 | 27 12 | 4 38 | 23 19 | 0 24 | 17 42 | 1 38 | 21 46 | 3 12 | 23 9 | 0 11 | 15 3 | 1 10 | 6 39 | 0 39 | 0 19 | 1 13 | 21 29 | 3 23 | 3 6 | 2 58 | 16 48 | 3 21 | 4 35 |
| T 19 | 23 21 | 24 9 | 3 59 | 23 33 | 0 30 | 18 1 | 1 36 | 21 51 | 3 15 | 23 9 | 0 11 | 15 2 | 1 10 | 6 39 | 0 39 | 0 19 | 1 13 | 21 30 | 3 23 | 3 9 | 2 59 | 16 45 | 3 23 | 4 36 |
| W20 | 23 22 | 19 32 | 3 5 | 23 46 | 0 37 | 18 18 | 1 35 | 21 56 | 3 18 | 23 8 | 0 11 | 15 0 | 1 10 | 6 38 | 0 39 | 0 20 | 1 13 | 21 30 | 3 23 | 3 12 | 3 1 | 16 42 | 3 24 | 4 36 |
| T 21 | 23 23 | 13 48 | 1 59 | 23 57 | 0 43 | 18 36 | 1 33 | 22 1 | 3 20 | 23 8 | 0 11 | 14 58 | 1 10 | 6 38 | 0 39 | 0 20 | 1 13 | 21 31 | 3 23 | 3 14 | 3 2 | 16 39 | 3 25 | 4 36 |
| F 22 | 23 23 | 7 25 | 0 47 | 24 7 | 0 49 | 18 53 | 1 31 | 22 7 | 3 23 | 23 8 | 0 11 | 14 56 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 31 | 3 24 | 3 14 | 3 3 | 16 36 | 3 27 | 4 37 |
| S 23 | 23 23 | 0 47 | 0s27 | 24 16 | 0 55 | 19 9 | 1 29 | 22 12 | 3 26 | 23 7 | 0 10 | 14 55 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 31 | 3 24 | 3 14 | 3 4 | 16 34 | 3 28 | 4 37 |
| S 24 | 23 22 | 5s45 | 1 38 | 24 24 | 1 1 | 19 25 | 1 28 | 22 18 | 3 29 | 23 7 | 0 10 | 14 53 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 32 | 3 24 | 3 14 | 3 6 | 16 31 | 3 29 | 4 37 |
| M25 | 23 21 | 11 55 | 2 43 | 24 30 | 1 7 | 19 41 | 1 26 | 22 24 | 3 31 | 23 6 | 0 10 | 14 51 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 32 | 3 24 | 3 15 | 3 7 | 16 28 | 3 30 | 4 37 |
| T 26 | 23 19 | 17 25 | 3 37 | 24 35 | 1 12 | 19 56 | 1 24 | 22 30 | 3 34 | 23 6 | 0 10 | 14 49 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 32 | 3 24 | 3 16 | 3 8 | 16 25 | 3 31 | 4 38 |
| W27 | 23 17 | 22 2 | 4 19 | 24 39 | 1 18 | 20 10 | 1 22 | 22 36 | 3 37 | 23 5 | 0 10 | 14 47 | 1 10 | 6 38 | 0 39 | 0 20 | 1 14 | 21 33 | 3 24 | 3 19 | 3 9 | 16 22 | 3 32 | 4 38 |
| T 28 | 23 14 | 25 30 | 4 47 | 24 41 | 1 23 | 20 24 | 1 20 | 22 43 | 3 39 | 23 5 | 0 10 | 14 46 | 1 10 | 6 38 | 0 39 | 0 21 | 1 14 | 21 33 | 3 24 | 3 23 | 3 11 | 16 19 | 3 33 | 4 38 |
| F 29 | 23 11 | 27 39 | 5 0 | 24 42 | 1 28 | 20 37 | 1 18 | 22 49 | 3 42 | 23 4 | 0 10 | 14 44 | 1 10 | 6 38 | 0 39 | 0 21 | 1 14 | 21 34 | 3 24 | 3 28 | 3 12 | 16 16 | 3 34 | 4 39 |
| S 30 | 23 8 | 28 21 | 4 58 | 24 42 | 1 33 | 20 50 | 1 15 | 22 56 | 3 44 | 23 4 | 0 10 | 14 42 | 1 10 | 6 38 | 0 39 | 0 21 | 1 14 | 21 34 | 3 24 | 3 33 | 3 13 | 16 13 | 3 35 | 4 39 |
| S 31 | 23s 4 | 27s36 | 4s42 | 24s40 | 1s37 | 21s 2 | 1n13 | 23n 2 | 3n46 | 23s 3 | 0n10 | 14s40 | 1s10 | 6n38 | 0s39 | 0s21 | 1n14 | 21n34 | 3n25 | 3s39 | 3s14 | 16s10 | 3s36 | 4s39 |

Julian Day Number = 2610394.5, Delta T = 10m22s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'16, Lahiri = 29°56'17


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## JANUARY 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 42 28 | 10♑17'35 | 23♑23 | 10♑56 | 13♐43 | 3°R 1 | 6♑57 | 23♒53 | 18♈30 | 3♎44 | 7°R46 | 20°R35 | 21♓46 | 23♒ 6 | 28♍20 | M 1 |
| T 2 | 6 46 25 | 11°18'43 | 5♒24 | 12°32 | 14°58 | 2♌42 | 7°10 | 23°59 | 18°30 | 3°44 | 7♌45 | 20♓24 | 21°43 | 23°13 | 28°21 | T 2 |
| W 3 | 6 50 21 | 12°19'51 | 17°18 | 14° 8 | 16°12 | 2°22 | 7°24 | 24° 5 | 18°31 | 3°44 | 7°44 | 20°16 | 21°39 | 23°20 | 28°22 | W 3 |
| T 4 | 6 54 18 | 13°21'00 | 29° 6 | 15°44 | 17°27 | 2° 2 | 7°38 | 24°11 | 18°31 | 3°44 | 7°42 | 20°11 | 21°36 | 23°26 | 28°23 | T 4 |
| F 5 | 6 58 15 | 14°22'08 | 10♓52 | 17°20 | 18°42 | 1°41 | 7°52 | 24°17 | 18°32 | 3°R44 | 7°41 | 20° 9 | 21°33 | 23°33 | 28°24 | F 5 |
| S 6 | 7 2 11 | 15°23'16 | 22°40 | 18°57 | 19°57 | 1°19 | 8° 5 | 24°23 | 18°32 | 3°44 | 7°40 | 20°D 8 | 21°30 | 23°40 | 28°25 | S 6 |
| S 7 | 7 6 8 | 16°24'25 | 4♈36 | 20°34 | 21°12 | 0°57 | 8°19 | 24°29 | 18°32 | 3°44 | 7°39 | 20° 9 | 21°27 | 23°46 | 28°26 | S 7 |
| M 8 | 7 10 4 | 17°25'33 | 16°44 | 22°12 | 22°26 | 0°35 | 8°33 | 24°35 | 18°33 | 3°44 | 7°38 | 20°R 9 | 21°24 | 23°53 | 28°26 | M 8 |
| T 9 | 7 14 1 | 18°26'41 | 29°10 | 23°49 | 23°41 | 0°12 | 8°46 | 24°42 | 18°34 | 3°43 | 7°36 | 20° 9 | 21°20 | 23°59 | 28°27 | T 9 |
| W10 | 7 17 57 | 19°27'48 | 11♉59 | 25°27 | 24°56 | 29♋49 | 9° 0 | 24°48 | 18°34 | 3°43 | 7°35 | 20° 6 | 21°17 | 24° 6 | 28°27 | W10 |
| T 11 | 7 21 54 | 20°28'56 | 25°16 | 27° 5 | 26°11 | 29°26 | 9°14 | 24°54 | 18°35 | 3°43 | 7°34 | 20° 1 | 21°14 | 24°13 | 28°27 | T 11 |
| F 12 | 7 25 50 | 21°30'03 | 9♊ 1 | 28°44 | 27°26 | 29° 3 | 9°27 | 25° 1 | 18°36 | 3°43 | 7°32 | 19°54 | 21°11 | 24°19 | 28°R27 | F 12 |
| S 13 | 7 29 47 | 22°31'10 | 23°16 | 0♒23 | 28°41 | 28°39 | 9°41 | 25° 7 | 18°37 | 3°43 | 7°31 | 19°45 | 21° 8 | 24°26 | 28°27 | S 13 |
| S 14 | 7 33 44 | 23°32'17 | 7♋56 | 2° 2 | 29°56 | 28°15 | 9°54 | 25°13 | 18°37 | 3°42 | 7°30 | 19°36 | 21° 5 | 24°33 | 28°27 | S 14 |
| M15 | 7 37 40 | 24°33'24 | 22°54 | 3°41 | 1♑11 | 27°51 | 10° 8 | 25°20 | 18°38 | 3°42 | 7°29 | 19°27 | 21° 1 | 24°39 | 28°26 | M15 |
| T 16 | 7 41 37 | 25°34'31 | 8♌ 2 | 5°20 | 2°26 | 27°27 | 10°21 | 25°27 | 18°39 | 3°42 | 7°27 | 19°20 | 20°58 | 24°46 | 28°26 | T 16 |
| W17 | 7 45 33 | 26°35'37 | 23° 8 | 6°59 | 3°40 | 27° 3 | 10°35 | 25°33 | 18°40 | 3°41 | 7°26 | 19°15 | 20°55 | 24°53 | 28°25 | W17 |
| T 18 | 7 49 30 | 27°36'43 | 8♍ 5 | 8°39 | 4°55 | 26°39 | 10°48 | 25°40 | 18°41 | 3°41 | 7°25 | 19°12 | 20°52 | 24°59 | 28°25 | T 18 |
| F 19 | 7 53 26 | 28°37'49 | 22°44 | 10°18 | 6°10 | 26°15 | 11° 2 | 25°46 | 18°43 | 3°40 | 7°23 | 19°D12 | 20°49 | 25° 6 | 28°24 | F 19 |
| S 20 | 7 57 23 | 29°38'55 | 7♎ 2 | 11°57 | 7°25 | 25°52 | 11°15 | 25°53 | 18°44 | 3°40 | 7°22 | 19°13 | 20°45 | 25°13 | 28°23 | S 20 |
| S 21 | 8 1 19 | 0♒40'01 | 20°57 | 13°36 | 8°40 | 25°28 | 11°29 | 26° 0 | 18°45 | 3°39 | 7°21 | 19°14 | 20°42 | 25°19 | 28°22 | S 21 |
| M22 | 8 5 16 | 1°41'07 | 4♏30 | 15°14 | 9°55 | 25° 5 | 11°42 | 26° 6 | 18°46 | 3°39 | 7°19 | 19°R14 | 20°39 | 25°26 | 28°21 | M22 |
| T 23 | 8 9 13 | 2°42'13 | 17°43 | 16°52 | 11°10 | 24°42 | 11°55 | 26°13 | 18°48 | 3°38 | 7°18 | 19°13 | 20°36 | 25°33 | 28°20 | T 23 |
| W24 | 8 13 9 | 3°43'19 | 0♐38 | 18°29 | 12°25 | 24°19 | 12° 9 | 26°20 | 18°49 | 3°38 | 7°17 | 19° 9 | 20°33 | 25°39 | 28°18 | W24 |
| T 25 | 8 17 6 | 4°44'24 | 13°18 | 20° 4 | 13°40 | 23°57 | 12°22 | 26°27 | 18°50 | 3°37 | 7°15 | 19° 4 | 20°30 | 25°46 | 28°17 | T 25 |
| F 26 | 8 21 2 | 5°45'30 | 25°45 | 21°38 | 14°55 | 23°35 | 12°35 | 26°34 | 18°52 | 3°36 | 7°14 | 18°57 | 20°26 | 25°53 | 28°15 | F 26 |
| S 27 | 8 24 59 | 6°46'34 | 8♑ 1 | 23°10 | 16°10 | 23°14 | 12°48 | 26°41 | 18°53 | 3°35 | 7°13 | 18°49 | 20°23 | 25°59 | 28°14 | S 27 |
| S 28 | 8 28 55 | 7°47'39 | 20° 9 | 24°40 | 17°25 | 22°53 | 13° 2 | 26°48 | 18°55 | 3°35 | 7°11 | 18°41 | 20°20 | 26° 6 | 28°12 | S 28 |
| M29 | 8 32 52 | 8°48'43 | 2♒ 9 | 26° 8 | 18°40 | 22°33 | 13°15 | 26°55 | 18°56 | 3°34 | 7°10 | 18°33 | 20°17 | 26°13 | 28°10 | M29 |
| T 30 | 8 36 49 | 9°49'46 | 14° 3 | 27°32 | 19°55 | 22°13 | 13°28 | 27° 2 | 18°58 | 3°33 | 7° 9 | 18°27 | 20°14 | 26°19 | 28° 8 | T 30 |
| W31 | 8 40 45 | 10♒50'48 | 25♒52 | 28♒52 | 21♑11 | 21♋54 | 13♑41 | 27♒ 9 | 19♈ 0 | 3♎32 | 7♌ 7 | 18♓22 | 20♓11 | 26♒26 | 28♍ 6 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22s59 | 25s32 | 4s14 | 24s37 | 1s41 | 21s13 | 1n11 | 23n 9 | 3n49 | 23s 3 | 0n10 | 14s38 | 1s10 | 6n39 | 0s39 | 0s21 | 1n14 | 21n35 | 3n25 | 3s44 | 3s16 | 16s 7 | 3s37 | 4s39 |
| T 2 | 22 54 | 22 20 | 3 34 | 24 32 | 1 45 | 21 24 | 1 9 | 23 16 | 3 51 | 23 2 | 0 10 | 14 36 | 1 10 | 6 39 | 0 39 | 0 21 | 1 14 | 21 35 | 3 25 | 3 48 | 3 17 | 16 4 | 3 37 | 4 40 |
| W 3 | 22 49 | 18 14 | 2 45 | 24 27 | 1 49 | 21 34 | 1 7 | 23 22 | 3 53 | 23 1 | 0 9 | 14 34 | 1 10 | 6 39 | 0 38 | 0 21 | 1 14 | 21 36 | 3 25 | 3 51 | 3 18 | 16 1 | 3 38 | 4 40 |
| T 4 | 22 43 | 13 28 | 1 50 | 24 19 | 1 52 | 21 44 | 1 4 | 23 29 | 3 55 | 23 1 | 0 9 | 14 32 | 1 10 | 6 39 | 0 38 | 0 21 | 1 14 | 21 36 | 3 25 | 3 53 | 3 19 | 15 58 | 3 39 | 4 40 |
| F 5 | 22 37 | 8 14 | 0 49 | 24 10 | 1 55 | 21 53 | 1 2 | 23 36 | 3 57 | 23 0 | 0 9 | 14 30 | 1 10 | 6 39 | 0 38 | 0 21 | 1 14 | 21 37 | 3 25 | 3 54 | 3 21 | 15 56 | 3 39 | 4 40 |
| S 6 | 22 30 | 2 42 | 0n14 | 24 0 | 1 58 | 22 1 | 0 59 | 23 43 | 3 59 | 22 59 | 0 9 | 14 28 | 1 10 | 6 39 | 0 38 | 0 21 | 1 14 | 21 37 | 3 25 | 3 54 | 3 22 | 15 53 | 3 40 | 4 41 |
| S 7 | 22 23 | 3n 0 | 1 17 | 23 48 | 2 1 | 22 9 | 0 57 | 23 49 | 4 1 | 22 58 | 0 9 | 14 26 | 1 10 | 6 40 | 0 38 | 0 20 | 1 14 | 21 37 | 3 25 | 3 54 | 3 23 | 15 50 | 3 40 | 4 41 |
| M 8 | 22 15 | 8 40 | 2 17 | 23 35 | 2 3 | 22 16 | 0 55 | 23 56 | 4 3 | 22 58 | 0 9 | 14 24 | 1 10 | 6 40 | 0 38 | 0 20 | 1 14 | 21 38 | 3 25 | 3 53 | 3 24 | 15 47 | 3 41 | 4 41 |
| T 9 | 22 7 | 14 10 | 3 13 | 23 20 | 2 5 | 22 22 | 0 52 | 24 3 | 4 5 | 22 57 | 0 9 | 14 22 | 1 10 | 6 40 | 0 38 | 0 20 | 1 14 | 21 38 | 3 26 | 3 54 | 3 26 | 15 44 | 3 41 | 4 42 |
| W10 | 21 59 | 19 13 | 4 1 | 23 4 | 2 6 | 22 28 | 0 50 | 24 9 | 4 6 | 22 56 | 0 9 | 14 20 | 1 10 | 6 40 | 0 38 | 0 20 | 1 14 | 21 39 | 3 26 | 3 55 | 3 27 | 15 41 | 3 42 | 4 42 |
| T 11 | 21 50 | 23 31 | 4 37 | 22 47 | 2 7 | 22 33 | 0 47 | 24 16 | 4 8 | 22 55 | 0 9 | 14 18 | 1 10 | 6 41 | 0 38 | 0 20 | 1 15 | 21 39 | 3 26 | 3 57 | 3 28 | 15 38 | 3 42 | 4 42 |
| F 12 | 21 40 | 26 41 | 5 0 | 22 27 | 2 8 | 22 37 | 0 44 | 24 22 | 4 9 | 22 54 | 0 9 | 14 15 | 1 10 | 6 41 | 0 38 | 0 20 | 1 15 | 21 40 | 3 26 | 3 59 | 3 29 | 15 35 | 3 42 | 4 42 |
| S 13 | 21 31 | 28 17 | 5 5 | 22 7 | 2 8 | 22 41 | 0 42 | 24 28 | 4 11 | 22 53 | 0 9 | 14 13 | 1 10 | 6 41 | 0 38 | 0 20 | 1 15 | 21 40 | 3 26 | 4 3 | 3 31 | 15 32 | 3 42 | 4 43 |
| S 14 | 21 20 | 27 58 | 4 50 | 21 45 | 2 8 | 22 44 | 0 39 | 24 34 | 4 12 | 22 53 | 0 8 | 14 11 | 1 10 | 6 42 | 0 38 | 0 20 | 1 15 | 21 40 | 3 26 | 4 6 | 3 32 | 15 29 | 3 43 | 4 43 |
| M15 | 21 10 | 25 38 | 4 15 | 21 21 | 2 8 | 22 46 | 0 37 | 24 40 | 4 13 | 22 52 | 0 8 | 14 9 | 1 10 | 6 42 | 0 38 | 0 19 | 1 15 | 21 41 | 3 26 | 4 10 | 3 33 | 15 26 | 3 43 | 4 43 |
| T 16 | 20 59 | 21 29 | 3 22 | 20 56 | 2 7 | 22 48 | 0 34 | 24 46 | 4 14 | 22 51 | 0 8 | 14 7 | 1 10 | 6 43 | 0 38 | 0 19 | 1 15 | 21 41 | 3 26 | 4 13 | 3 34 | 15 23 | 3 43 | 4 43 |
| W17 | 20 47 | 15 54 | 2 15 | 20 30 | 2 5 | 22 49 | 0 31 | 24 52 | 4 15 | 22 50 | 0 8 | 14 4 | 1 10 | 6 43 | 0 38 | 0 19 | 1 15 | 21 42 | 3 26 | 4 15 | 3 36 | 15 20 | 3 43 | 4 44 |
| T 18 | 20 35 | 9 27 | 1 0 | 20 2 | 2 3 | 22 49 | 0 29 | 24 57 | 4 16 | 22 49 | 0 8 | 14 2 | 1 10 | 6 43 | 0 38 | 0 19 | 1 15 | 21 42 | 3 26 | 4 16 | 3 37 | 15 17 | 3 43 | 4 44 |
| F 19 | 20 23 | 2 35 | 0s19 | 19 33 | 2 0 | 22 48 | 0 26 | 25 3 | 4 16 | 22 48 | 0 8 | 14 0 | 1 10 | 6 44 | 0 38 | 0 19 | 1 15 | 21 43 | 3 26 | 4 16 | 3 38 | 15 14 | 3 43 | 4 44 |
| S 20 | 20 11 | 4s14 | 1 35 | 19 2 | 1 57 | 22 47 | 0 23 | 25 8 | 4 17 | 22 47 | 0 8 | 13 58 | 1 10 | 6 44 | 0 38 | 0 18 | 1 15 | 21 43 | 3 27 | 4 16 | 3 39 | 15 11 | 3 42 | 4 44 |
| S 21 | 19 58 | 10 40 | 2 43 | 18 30 | 1 53 | 22 45 | 0 21 | 25 13 | 4 17 | 22 46 | 0 8 | 13 56 | 1 10 | 6 45 | 0 38 | 0 18 | 1 15 | 21 43 | 3 27 | 4 15 | 3 41 | 15 8 | 3 42 | 4 44 |
| M22 | 19 44 | 16 26 | 3 40 | 17 57 | 1 48 | 22 43 | 0 18 | 25 17 | 4 18 | 22 45 | 0 8 | 13 53 | 1 10 | 6 45 | 0 38 | 0 18 | 1 15 | 21 44 | 3 27 | 4 15 | 3 42 | 15 5 | 3 42 | 4 45 |
| T 23 | 19 31 | 21 17 | 4 24 | 17 23 | 1 43 | 22 40 | 0 15 | 25 22 | 4 18 | 22 43 | 0 8 | 13 51 | 1 10 | 6 46 | 0 38 | 0 18 | 1 15 | 21 44 | 3 27 | 4 16 | 3 43 | 15 2 | 3 42 | 4 45 |
| W24 | 19 17 | 25 0 | 4 53 | 16 48 | 1 37 | 22 36 | 0 13 | 25 26 | 4 18 | 22 42 | 0 8 | 13 49 | 1 10 | 6 46 | 0 38 | 0 17 | 1 15 | 21 45 | 3 27 | 4 17 | 3 44 | 14 59 | 3 41 | 4 45 |
| T 25 | 19 2 | 27 25 | 5 7 | 16 11 | 1 30 | 22 31 | 0 10 | 25 30 | 4 18 | 22 41 | 0 8 | 13 46 | 1 10 | 6 47 | 0 38 | 0 17 | 1 15 | 21 45 | 3 27 | 4 19 | 3 46 | 14 56 | 3 41 | 4 45 |
| F 26 | 18 47 | 28 25 | 5 6 | 15 34 | 1 23 | 22 26 | 0 8 | 25 34 | 4 18 | 22 40 | 0 7 | 13 44 | 1 10 | 6 48 | 0 38 | 0 17 | 1 15 | 21 45 | 3 27 | 4 22 | 3 47 | 14 53 | 3 41 | 4 46 |
| S 27 | 18 32 | 28 0 | 4 52 | 14 56 | 1 14 | 22 20 | 0 5 | 25 37 | 4 18 | 22 39 | 0 7 | 13 42 | 1 10 | 6 48 | 0 38 | 0 16 | 1 15 | 21 46 | 3 27 | 4 25 | 3 48 | 14 50 | 3 40 | 4 46 |
| S 28 | 18 17 | 26 14 | 4 24 | 14 18 | 1 5 | 22 13 | 0 2 | 25 41 | 4 17 | 22 38 | 0 7 | 13 39 | 1 10 | 6 49 | 0 38 | 0 16 | 1 15 | 21 46 | 3 27 | 4 28 | 3 49 | 14 47 | 3 39 | 4 46 |
| M29 | 18 1 | 23 17 | 3 45 | 13 39 | 0 55 | 22 6 | 0s 0 | 25 44 | 4 17 | 22 36 | 0 7 | 13 37 | 1 10 | 6 49 | 0 38 | 0 16 | 1 15 | 21 47 | 3 27 | 4 31 | 3 51 | 14 44 | 3 39 | 4 46 |
| T 30 | 17 45 | 19 23 | 2 56 | 13 0 | 0 44 | 21 58 | 0 3 | 25 46 | 4 16 | 22 35 | 0 7 | 13 35 | 1 10 | 6 50 | 0 37 | 0 15 | 1 15 | 21 47 | 3 27 | 4 34 | 3 52 | 14 41 | 3 38 | 4 46 |
| W31 | 17s28 | 14s44 | 1s59 | 12s21 | 0s33 | 21s49 | 0s 6 | 25n49 | 4n16 | 22s34 | 0n 7 | 13s32 | 1s10 | 6n51 | 0s37 | 0s15 | 1n15 | 21n48 | 3n27 | 4s35 | 3s53 | 14s38 | 3s38 | 4s46 |

Julian Day Number = 2610425.5, Delta T = 10m22s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'20, Lahiri = 29°56'21


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## FEBRUARY 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 44 42 | 11♒51'50 | 7♓39 | 0♓ 7 | 22♑26 | 21°R35 | 13♑54 | 27♒16 | 19♈ 1 | 3°R31 | 7°R 6 | 18°R20 | 20♓ 7 | 26♒33 | 28°R 3 | T 1 |
| F 2 | 8 48 38 | 12°52'50 | 19°26 | 1°18 | 23°41 | 21♋17 | 14° 7 | 27°23 | 19° 3 | 3♎31 | 7♌ 5 | 18°D19 | 20° 4 | 26°39 | 28♍ 1 | F 2 |
| S 3 | 8 52 35 | 13°53'50 | 1♈17 | 2°22 | 24°56 | 21° 0 | 14°20 | 27°30 | 19° 5 | 3°30 | 7° 3 | 18♓20 | 20° 1 | 26°46 | 27°59 | S 3 |
| S 4 | 8 56 31 | 14°54'48 | 13°14 | 3°19 | 26°11 | 20°43 | 14°32 | 27°37 | 19° 7 | 3°29 | 7° 2 | 18°21 | 19°58 | 26°53 | 27°56 | S 4 |
| M 5 | 9 0 28 | 15°55'46 | 25°22 | 4° 9 | 27°26 | 20°27 | 14°45 | 27°44 | 19° 9 | 3°28 | 7° 1 | 18°23 | 19°55 | 26°59 | 27°53 | M 5 |
| T 6 | 9 4 24 | 16°56'42 | 7♉46 | 4°51 | 28°41 | 20°12 | 14°58 | 27°51 | 19°11 | 3°27 | 6°59 | 18°24 | 19°51 | 27° 6 | 27°51 | T 6 |
| W 7 | 9 8 21 | 17°57'37 | 20°30 | 5°23 | 29°56 | 19°58 | 15°11 | 27°58 | 19°13 | 3°26 | 6°58 | 18°R25 | 19°48 | 27°13 | 27°48 | W 7 |
| T 8 | 9 12 17 | 18°58'31 | 3♊38 | 5°45 | 1♒11 | 19°44 | 15°23 | 28° 5 | 19°15 | 3°25 | 6°57 | 18°24 | 19°45 | 27°19 | 27°45 | T 8 |
| F 9 | 9 16 14 | 19°59'24 | 17°14 | 5°56 | 2°26 | 19°31 | 15°36 | 28°12 | 19°17 | 3°24 | 6°55 | 18°22 | 19°42 | 27°26 | 27°42 | F 9 |
| S 10 | 9 20 11 | 21° 0'15 | 1♋19 | 5°R57 | 3°41 | 19°19 | 15°48 | 28°20 | 19°19 | 3°22 | 6°54 | 18°18 | 19°39 | 27°33 | 27°39 | S 10 |
| S 11 | 9 24 7 | 22° 1'05 | 15°52 | 5°46 | 4°56 | 19° 8 | 16° 1 | 28°27 | 19°21 | 3°21 | 6°53 | 18°14 | 19°36 | 27°39 | 27°36 | S 11 |
| M12 | 9 28 4 | 23° 1'54 | 0♌47 | 5°24 | 6°11 | 18°58 | 16°13 | 28°34 | 19°23 | 3°20 | 6°51 | 18°11 | 19°32 | 27°46 | 27°32 | M12 |
| T 13 | 9 32 0 | 24° 2'41 | 15°58 | 4°52 | 7°26 | 18°48 | 16°25 | 28°41 | 19°26 | 3°19 | 6°50 | 18° 8 | 19°29 | 27°53 | 27°29 | T 13 |
| W14 | 9 35 57 | 25° 3'27 | 1♍14 | 4°10 | 8°41 | 18°39 | 16°38 | 28°48 | 19°28 | 3°18 | 6°49 | 18° 6 | 19°26 | 27°59 | 27°25 | W14 |
| T 15 | 9 39 53 | 26° 4'12 | 16°25 | 3°19 | 9°56 | 18°31 | 16°50 | 28°55 | 19°30 | 3°17 | 6°48 | 18°D 5 | 19°23 | 28° 6 | 27°22 | T 15 |
| F 16 | 9 43 50 | 27° 4'56 | 1♎23 | 2°20 | 11°11 | 18°24 | 17° 2 | 29° 3 | 19°33 | 3°15 | 6°46 | 18° 5 | 19°20 | 28°13 | 27°18 | F 16 |
| S 17 | 9 47 47 | 28° 5'38 | 16° 0 | 1°16 | 12°26 | 18°18 | 17°14 | 29°10 | 19°35 | 3°14 | 6°45 | 18° 6 | 19°17 | 28°19 | 27°15 | S 17 |
| S 18 | 9 51 43 | 29° 6'20 | 0♏11 | 0° 8 | 13°41 | 18°12 | 17°26 | 29°17 | 19°37 | 3°13 | 6°44 | 18° 8 | 19°13 | 28°26 | 27°11 | S 18 |
| M19 | 9 55 40 | 0♓ 7'01 | 13°55 | 28♒57 | 14°56 | 18° 7 | 17°38 | 29°24 | 19°40 | 3°11 | 6°43 | 18° 9 | 19°10 | 28°32 | 27° 7 | M19 |
| T 20 | 9 59 36 | 1° 7'40 | 27°14 | 27°47 | 16°11 | 18° 3 | 17°50 | 29°31 | 19°42 | 3°10 | 6°42 | 18°R10 | 19° 7 | 28°39 | 27° 3 | T 20 |
| W21 | 10 3 33 | 2° 8'19 | 10♐10 | 26°38 | 17°26 | 18° 0 | 18° 2 | 29°39 | 19°45 | 3° 9 | 6°40 | 18°10 | 19° 4 | 28°46 | 26°59 | W21 |
| T 22 | 10 7 29 | 3° 8'56 | 22°46 | 25°33 | 18°41 | 17°57 | 18°13 | 29°46 | 19°47 | 3° 7 | 6°39 | 18° 9 | 19° 1 | 28°52 | 26°55 | T 22 |
| F 23 | 10 11 26 | 4° 9'33 | 5♑ 6 | 24°33 | 19°56 | 17°56 | 18°25 | 29°53 | 19°50 | 3° 6 | 6°38 | 18° 7 | 18°57 | 28°59 | 26°51 | F 23 |
| S 24 | 10 15 22 | 5°10'08 | 17°13 | 23°38 | 21°11 | 17°55 | 18°36 | 0♓ 0 | 19°53 | 3° 5 | 6°37 | 18° 5 | 18°54 | 29° 6 | 26°47 | S 24 |
| S 25 | 10 19 19 | 6°10'42 | 29°11 | 22°50 | 22°26 | 17°D54 | 18°48 | 0° 7 | 19°55 | 3° 3 | 6°36 | 18° 3 | 18°51 | 29°12 | 26°42 | S 25 |
| M26 | 10 23 16 | 7°11'14 | 11♒ 2 | 22° 9 | 23°41 | 17°55 | 18°59 | 0°15 | 19°58 | 3° 2 | 6°34 | 18° 1 | 18°48 | 29°19 | 26°38 | M26 |
| T 27 | 10 27 12 | 8°11'45 | 22°51 | 21°36 | 24°56 | 17°56 | 19°10 | 0°22 | 20° 1 | 3° 0 | 6°33 | 18° 0 | 18°45 | 29°26 | 26°34 | T 27 |
| W28 | 10 31 9 | 9♓12'14 | 4♓38 | 21♒10 | 26♒11 | 17♋58 | 19♑22 | 0♓29 | 20♈ 4 | 2♎59 | 6♌32 | 17♓59 | 18♓42 | 29♒32 | 26♍29 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | decl | lat |
| T 1 | 17s12 | 9s35 | 0s58 | 11s43 | 0s20 | 21s40 | 0s 8 | 25n51 | 4n15 | 22s33 | 0n 7 | 13s30 | 1s10 | 6n51 | 0s37 | 0s15 | 1n16 | 21n48 | 3n27 | 4s36 | 3s54 | 14s35 | 3s37 | 4s47 | |
| F 2 | 16 55 | 4 5 | 0n 6 | 11 6 | 0 7 | 21 30 | 0 11 | 25 54 | 4 14 | 22 32 | 0 7 | 13 28 | 1 10 | 6 52 | 0 37 | 0 14 | 1 16 | 21 48 | 3 28 | 4 37 | 3 55 | 14 32 | 3 36 | 4 47 | |
| S 3 | 16 37 | 1n35 | 1 10 | 10 29 | 0n 8 | 21 19 | 0 13 | 25 55 | 4 14 | 22 30 | 0 7 | 13 25 | 1 10 | 6 53 | 0 37 | 0 14 | 1 16 | 21 49 | 3 28 | 4 36 | 3 57 | 14 29 | 3 35 | 4 47 | |
| S 4 | 16 19 | 7 14 | 2 12 | 9 55 | 0 23 | 21 8 | 0 16 | 25 57 | 4 13 | 22 29 | 0 7 | 13 23 | 1 11 | 6 54 | 0 37 | 0 13 | 1 16 | 21 49 | 3 28 | 4 36 | 3 58 | 14 26 | 3 34 | 4 47 | |
| M 5 | 16 2 | 12 43 | 3 9 | 9 22 | 0 38 | 20 56 | 0 18 | 25 59 | 4 12 | 22 28 | 0 7 | 13 20 | 1 11 | 6 54 | 0 37 | 0 13 | 1 16 | 21 50 | 3 28 | 4 35 | 3 59 | 14 23 | 3 33 | 4 47 | |
| T 6 | 15 43 | 17 49 | 3 58 | 8 52 | 0 55 | 20 43 | 0 21 | 26 0 | 4 11 | 22 26 | 0 7 | 13 18 | 1 11 | 6 55 | 0 37 | 0 12 | 1 16 | 21 50 | 3 28 | 4 34 | 4 0 | 14 19 | 3 32 | 4 47 | |
| W 7 | 15 25 | 22 17 | 4 38 | 8 25 | 1 11 | 20 30 | 0 23 | 26 1 | 4 10 | 22 25 | 0 6 | 13 15 | 1 11 | 6 56 | 0 37 | 0 12 | 1 16 | 21 50 | 3 28 | 4 34 | 4 2 | 14 16 | 3 31 | 4 47 | |
| T 8 | 15 6 | 25 48 | 5 4 | 8 1 | 1 28 | 20 16 | 0 26 | 26 2 | 4 8 | 22 24 | 0 6 | 13 13 | 1 11 | 6 57 | 0 37 | 0 12 | 1 16 | 21 51 | 3 28 | 4 35 | 4 3 | 14 13 | 3 30 | 4 47 | |
| F 9 | 14 47 | 27 59 | 5 14 | 7 41 | 1 46 | 20 2 | 0 28 | 26 3 | 4 7 | 22 22 | 0 6 | 13 11 | 1 11 | 6 57 | 0 37 | 0 11 | 1 16 | 21 51 | 3 28 | 4 36 | 4 4 | 14 10 | 3 29 | 4 48 | |
| S 10 | 14 28 | 28 29 | 5 6 | 7 25 | 2 3 | 19 47 | 0 30 | 26 3 | 4 6 | 22 21 | 0 6 | 13 8 | 1 11 | 6 58 | 0 37 | 0 11 | 1 16 | 21 51 | 3 28 | 4 37 | 4 5 | 14 7 | 3 28 | 4 48 | |
| S 11 | 14 8 | 27 3 | 4 38 | 7 13 | 2 19 | 19 31 | 0 33 | 26 3 | 4 4 | 22 20 | 0 6 | 13 6 | 1 11 | 6 59 | 0 37 | 0 10 | 1 16 | 21 52 | 3 28 | 4 38 | 4 7 | 14 4 | 3 27 | 4 48 | |
| M12 | 13 49 | 23 42 | 3 52 | 7 6 | 2 35 | 19 15 | 0 35 | 26 3 | 4 3 | 22 18 | 0 6 | 13 3 | 1 11 | 7 0 | 0 37 | 0 10 | 1 16 | 21 52 | 3 28 | 4 40 | 4 8 | 14 1 | 3 26 | 4 48 | |
| T 13 | 13 29 | 18 41 | 2 48 | 7 4 | 2 50 | 18 58 | 0 37 | 26 3 | 4 2 | 22 17 | 0 6 | 13 1 | 1 11 | 7 1 | 0 37 | 0 9 | 1 16 | 21 53 | 3 28 | 4 41 | 4 9 | 13 58 | 3 24 | 4 48 | |
| W14 | 13 8 | 12 26 | 1 32 | 7 7 | 3 3 | 18 41 | 0 40 | 26 3 | 4 0 | 22 15 | 0 6 | 12 58 | 1 11 | 7 2 | 0 37 | 0 9 | 1 16 | 21 53 | 3 28 | 4 42 | 4 10 | 13 55 | 3 23 | 4 48 | |
| T 15 | 12 48 | 5 29 | 0 9 | 7 14 | 3 15 | 18 23 | 0 42 | 26 3 | 3 59 | 22 14 | 0 6 | 12 56 | 1 11 | 7 3 | 0 37 | 0 8 | 1 16 | 21 53 | 3 28 | 4 42 | 4 12 | 13 52 | 3 22 | 4 48 | |
| F 16 | 12 27 | 1s40 | 1s13 | 7 26 | 3 25 | 18 5 | 0 44 | 26 2 | 3 57 | 22 13 | 0 6 | 12 53 | 1 11 | 7 4 | 0 37 | 0 8 | 1 16 | 21 54 | 3 28 | 4 42 | 4 13 | 13 49 | 3 20 | 4 48 | |
| S 17 | 12 7 | 8 33 | 2 28 | 7 41 | 3 32 | 17 46 | 0 46 | 26 2 | 3 56 | 22 11 | 0 6 | 12 51 | 1 11 | 7 5 | 0 37 | 0 7 | 1 16 | 21 54 | 3 28 | 4 42 | 4 14 | 13 46 | 3 19 | 4 48 | |
| S 18 | 11 46 | 14 49 | 3 32 | 8 0 | 3 38 | 17 27 | 0 48 | 26 1 | 3 54 | 22 10 | 0 5 | 12 49 | 1 11 | 7 5 | 0 37 | 0 7 | 1 16 | 21 54 | 3 28 | 4 41 | 4 15 | 13 43 | 3 17 | 4 48 | |
| M19 | 11 24 | 20 9 | 4 22 | 8 21 | 3 41 | 17 7 | 0 50 | 26 0 | 3 52 | 22 8 | 0 5 | 12 46 | 1 11 | 7 6 | 0 37 | 0 6 | 1 16 | 21 55 | 3 28 | 4 40 | 4 17 | 13 40 | 3 16 | 4 48 | |
| T 20 | 11 3 | 24 18 | 4 56 | 8 45 | 3 41 | 16 47 | 0 52 | 25 59 | 3 51 | 22 7 | 0 5 | 12 44 | 1 11 | 7 7 | 0 37 | 0 5 | 1 16 | 21 55 | 3 28 | 4 40 | 4 18 | 13 36 | 3 14 | 4 48 | |
| W21 | 10 41 | 27 5 | 5 13 | 9 10 | 3 40 | 16 26 | 0 54 | 25 58 | 3 49 | 22 5 | 0 5 | 12 41 | 1 11 | 7 8 | 0 37 | 0 5 | 1 16 | 21 55 | 3 28 | 4 40 | 4 19 | 13 33 | 3 12 | 4 48 | |
| T 22 | 10 20 | 28 26 | 5 15 | 9 35 | 3 36 | 16 5 | 0 56 | 25 56 | 3 47 | 22 4 | 0 5 | 12 39 | 1 11 | 7 9 | 0 37 | 0 4 | 1 16 | 21 56 | 3 28 | 4 41 | 4 20 | 13 30 | 3 11 | 4 48 | |
| F 23 | 9 58 | 28 20 | 5 3 | 10 1 | 3 30 | 15 43 | 0 58 | 25 55 | 3 45 | 22 2 | 0 5 | 12 36 | 1 12 | 7 10 | 0 37 | 0 4 | 1 16 | 21 56 | 3 28 | 4 41 | 4 22 | 13 27 | 3 9 | 4 48 | |
| S 24 | 9 36 | 26 51 | 4 37 | 10 26 | 3 22 | 15 21 | 1 0 | 25 53 | 3 44 | 22 1 | 0 5 | 12 34 | 1 12 | 7 11 | 0 37 | 0 3 | 1 16 | 21 56 | 3 28 | 4 42 | 4 23 | 13 24 | 3 7 | 4 48 | |
| S 25 | 9 13 | 24 10 | 3 59 | 10 50 | 3 13 | 14 58 | 1 1 | 25 51 | 3 42 | 21 59 | 0 5 | 12 31 | 1 12 | 7 12 | 0 37 | 0 3 | 1 16 | 21 57 | 3 28 | 4 43 | 4 24 | 13 21 | 3 6 | 4 48 | |
| M26 | 8 51 | 20 29 | 3 11 | 11 13 | 3 2 | 14 35 | 1 3 | 25 50 | 3 40 | 21 58 | 0 5 | 12 29 | 1 12 | 7 13 | 0 37 | 0 2 | 1 16 | 21 57 | 3 28 | 4 43 | 4 25 | 13 18 | 3 4 | 4 48 | |
| T 27 | 8 29 | 16 0 | 2 15 | 11 34 | 2 51 | 14 12 | 1 5 | 25 48 | 3 39 | 21 56 | 0 5 | 12 26 | 1 12 | 7 14 | 0 37 | 0 1 | 1 16 | 21 57 | 3 29 | 4 44 | 4 27 | 13 15 | 3 2 | 4 47 | |
| W28 | 8s 6 | 10s56 | 1s13 | 11s54 | 2n39 | 13s48 | 1s 6 | 25n46 | 3n37 | 21s55 | 0n 5 | 12s24 | 1s12 | 7n16 | 0s37 | 0s 1 | 1n16 | 21n58 | 3n29 | 4s44 | 4s28 | 13s12 | 3s 0 | 4s47 | |

Julian Day Number = 2610456.5, Delta T = 10m23s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'24, Lahiri = 29°56'26


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## MARCH 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 5 | 10♓12'42 | 16♓27 | 20°R52 | 27♒26 | 18♋ 1 | 19♑33 | 0♓36 | 20♈ 6 | 2°R57 | 6°R31 | 17°D59 | 18♓38 | 29♒39 | 26°R25 | T 1 |
| F 2 | 10 39 2 | 11°13'08 | 28°19 | 20♒41 | 28°41 | 18° 4 | 19°44 | 0°43 | 20° 9 | 2♎56 | 6♌30 | 17♓59 | 18°35 | 29°46 | 26♍20 | F 2 |
| S 3 | 10 42 58 | 12°13'33 | 10♈16 | 20°D37 | 29°56 | 18° 8 | 19°55 | 0°50 | 20°12 | 2°54 | 6°29 | 18° 0 | 18°32 | 29°52 | 26°16 | S 3 |
| S 4 | 10 46 55 | 13°13'56 | 22°21 | 20°40 | 1♓11 | 18°13 | 20° 5 | 0°57 | 20°15 | 2°53 | 6°28 | 18° 0 | 18°29 | 29°59 | 26°11 | S 4 |
| M 5 | 10 50 51 | 14°14'16 | 4♉37 | 20°49 | 2°26 | 18°19 | 20°16 | 1° 4 | 20°18 | 2°51 | 6°27 | 18° 1 | 18°26 | 0♓ 6 | 26° 7 | M 5 |
| T 6 | 10 54 48 | 15°14'36 | 17° 6 | 21° 5 | 3°41 | 18°25 | 20°27 | 1°12 | 20°21 | 2°50 | 6°26 | 18° 1 | 18°22 | 0°12 | 26° 2 | T 6 |
| W 7 | 10 58 44 | 16°14'53 | 29°51 | 21°26 | 4°56 | 18°32 | 20°37 | 1°19 | 20°24 | 2°48 | 6°25 | 18° 1 | 18°19 | 0°19 | 25°57 | W 7 |
| T 8 | 11 2 41 | 17°15'08 | 12♊57 | 21°52 | 6°11 | 18°39 | 20°48 | 1°26 | 20°27 | 2°46 | 6°24 | 18° 1 | 18°16 | 0°26 | 25°53 | T 8 |
| F 9 | 11 6 38 | 18°15'21 | 26°24 | 22°23 | 7°26 | 18°47 | 20°58 | 1°33 | 20°30 | 2°45 | 6°23 | 18° 1 | 18°13 | 0°32 | 25°48 | F 9 |
| S 10 | 11 10 34 | 19°15'32 | 10♋16 | 22°59 | 8°40 | 18°56 | 21° 8 | 1°40 | 20°33 | 2°43 | 6°22 | 18° 1 | 18°10 | 0°39 | 25°43 | S 10 |
| S 11 | 11 14 31 | 20°15'42 | 24°32 | 23°39 | 9°55 | 19° 5 | 21°18 | 1°47 | 20°36 | 2°42 | 6°21 | 18° 1 | 18° 7 | 0°46 | 25°38 | S 11 |
| M12 | 11 18 27 | 21°15'49 | 9♌ 9 | 24°23 | 11°10 | 19°15 | 21°28 | 1°54 | 20°39 | 2°40 | 6°20 | 18° 2 | 18° 3 | 0°52 | 25°34 | M12 |
| T 13 | 11 22 24 | 22°15'53 | 24° 5 | 25°10 | 12°25 | 19°25 | 21°38 | 2° 0 | 20°42 | 2°38 | 6°19 | 18° 2 | 18° 0 | 0°59 | 25°29 | T 13 |
| W14 | 11 26 20 | 23°15'56 | 9♍11 | 26° 1 | 13°40 | 19°36 | 21°48 | 2° 7 | 20°45 | 2°37 | 6°19 | 18° 2 | 17°57 | 1° 5 | 25°24 | W14 |
| T 15 | 11 30 17 | 24°15'57 | 24°19 | 26°55 | 14°55 | 19°48 | 21°58 | 2°14 | 20°48 | 2°35 | 6°18 | 18°R 2 | 17°54 | 1°12 | 25°19 | T 15 |
| F 16 | 11 34 13 | 25°15'56 | 9♎20 | 27°52 | 16°10 | 20° 0 | 22° 7 | 2°21 | 20°51 | 2°33 | 6°17 | 18° 2 | 17°51 | 1°19 | 25°14 | F 16 |
| S 17 | 11 38 10 | 26°15'53 | 24° 5 | 28°52 | 17°24 | 20°13 | 22°17 | 2°28 | 20°54 | 2°32 | 6°16 | 18° 1 | 17°48 | 1°25 | 25°10 | S 17 |
| S 18 | 11 42 7 | 27°15'49 | 8♏28 | 29°55 | 18°39 | 20°26 | 22°26 | 2°35 | 20°58 | 2°30 | 6°15 | 18° 0 | 17°44 | 1°32 | 25° 5 | S 18 |
| M19 | 11 46 3 | 28°15'43 | 22°25 | 1♐ 0 | 19°54 | 20°39 | 22°35 | 2°41 | 21° 1 | 2°28 | 6°15 | 17°59 | 17°41 | 1°39 | 25° 0 | M19 |
| T 20 | 11 50 0 | 29°15'35 | 5♐54 | 2° 7 | 21° 9 | 20°53 | 22°45 | 2°48 | 21° 4 | 2°27 | 6°14 | 17°58 | 17°38 | 1°45 | 24°55 | T 20 |
| W21 | 11 53 56 | 0♈15'26 | 18°57 | 3°16 | 22°24 | 21° 8 | 22°54 | 2°55 | 21° 7 | 2°25 | 6°13 | 17°57 | 17°35 | 1°52 | 24°50 | W21 |
| T 22 | 11 57 53 | 1°15'15 | 1♑36 | 4°28 | 23°38 | 21°23 | 23° 2 | 3° 2 | 21°11 | 2°23 | 6°12 | 17°D57 | 17°32 | 1°59 | 24°46 | T 22 |
| F 23 | 12 1 49 | 2°15'02 | 13°56 | 5°41 | 24°53 | 21°38 | 23°11 | 3° 8 | 21°14 | 2°22 | 6°12 | 17°57 | 17°28 | 2° 5 | 24°41 | F 23 |
| S 24 | 12 5 46 | 3°14'48 | 26° 1 | 6°57 | 26° 8 | 21°54 | 23°20 | 3°15 | 21°17 | 2°20 | 6°11 | 17°58 | 17°25 | 2°12 | 24°36 | S 24 |
| S 25 | 12 9 42 | 4°14'32 | 7♒55 | 8°14 | 27°22 | 22°11 | 23°28 | 3°21 | 21°20 | 2°18 | 6°10 | 17°59 | 17°22 | 2°19 | 24°31 | S 25 |
| M26 | 12 13 39 | 5°14'14 | 19°44 | 9°33 | 28°37 | 22°28 | 23°37 | 3°28 | 21°24 | 2°17 | 6°10 | 18° 1 | 17°19 | 2°25 | 24°27 | M26 |
| T 27 | 12 17 36 | 6°13'54 | 1♓30 | 10°53 | 29°52 | 22°45 | 23°45 | 3°34 | 21°27 | 2°15 | 6° 9 | 18° 2 | 17°16 | 2°32 | 24°22 | T 27 |
| W28 | 12 21 32 | 7°13'33 | 13°18 | 12°16 | 1♈ 7 | 23° 3 | 23°53 | 3°41 | 21°30 | 2°14 | 6° 9 | 18°R 3 | 17°13 | 2°39 | 24°17 | W28 |
| T 29 | 12 25 29 | 8°13'09 | 25°11 | 13°39 | 2°21 | 23°21 | 24° 1 | 3°47 | 21°34 | 2°12 | 6° 8 | 18° 3 | 17° 9 | 2°45 | 24°13 | T 29 |
| F 30 | 12 29 25 | 9°12'44 | 7♈11 | 15° 5 | 3°36 | 23°39 | 24° 9 | 3°53 | 21°37 | 2°10 | 6° 8 | 18° 2 | 17° 6 | 2°52 | 24° 8 | F 30 |
| S 31 | 12 33 22 | 10♈12'16 | 19♈20 | 16♓31 | 4♈51 | 23♋58 | 24♑17 | 4♐ 0 | 21♈40 | 2♎ 9 | 6♌ 7 | 17♓59 | 17♐ 3 | 2♓59 | 24♍ 4 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s43 | 5s28 | 0s 9 | 12s12 | 2n26 | 13s24 | 1s 8 | 25n44 | 3n35 | 21s53 | 0n 5 | 12s21 | 1s12 | 7n17 | 0s37 | 0s 0 | 1n16 | 21n58 | 3n29 | 4s44 | 4s29 | 13s 8 | 2s58 | 4s47 |
| F 2 | 7 20 | 0n12 | 0n57 | 12 28 | 2 13 | 12 59 | 1 9 | 25 41 | 3 33 | 21 52 | 0 4 | 12 19 | 1 12 | 7 18 | 0 37 | 0n 1 | 1 17 | 21 58 | 3 29 | 4 44 | 4 30 | 13 5 | 2 57 | 4 47 |
| S 3 | 6 58 | 5 54 | 2 1 | 12 42 | 2 0 | 12 34 | 1 11 | 25 39 | 3 31 | 21 50 | 0 4 | 12 17 | 1 12 | 7 19 | 0 37 | 0 1 | 1 17 | 21 58 | 3 29 | 4 44 | 4 32 | 13 2 | 2 55 | 4 47 |
| S 4 | 6 35 | 11 28 | 3 0 | 12 53 | 1 46 | 12 9 | 1 12 | 25 37 | 3 30 | 21 49 | 0 4 | 12 14 | 1 12 | 7 20 | 0 36 | 0 2 | 1 17 | 21 59 | 3 29 | 4 44 | 4 33 | 12 59 | 2 53 | 4 47 |
| M 5 | 6 11 | 16 39 | 3 51 | 13 3 | 1 33 | 11 44 | 1 13 | 25 34 | 3 28 | 21 47 | 0 4 | 12 12 | 1 12 | 7 21 | 0 36 | 0 2 | 1 17 | 21 59 | 3 29 | 4 44 | 4 34 | 12 56 | 2 51 | 4 47 |
| T 6 | 5 48 | 21 16 | 4 33 | 13 11 | 1 20 | 11 18 | 1 15 | 25 31 | 3 26 | 21 46 | 0 4 | 12 9 | 1 12 | 7 22 | 0 36 | 0 3 | 1 17 | 21 59 | 3 29 | 4 44 | 4 35 | 12 53 | 2 49 | 4 46 |
| W 7 | 5 25 | 24 59 | 5 2 | 13 16 | 1 7 | 10 52 | 1 16 | 25 29 | 3 24 | 21 44 | 0 4 | 12 7 | 1 12 | 7 23 | 0 36 | 0 4 | 1 17 | 22 0 | 3 29 | 4 44 | 4 36 | 12 50 | 2 47 | 4 46 |
| T 8 | 5 1 | 27 32 | 5 17 | 13 20 | 0 54 | 10 25 | 1 17 | 25 26 | 3 23 | 21 43 | 0 4 | 12 4 | 1 13 | 7 24 | 0 36 | 0 4 | 1 17 | 22 0 | 3 29 | 4 44 | 4 38 | 12 47 | 2 45 | 4 46 |
| F 9 | 4 38 | 28 35 | 5 15 | 13 22 | 0 41 | 9 58 | 1 18 | 25 23 | 3 21 | 21 42 | 0 4 | 12 2 | 1 13 | 7 26 | 0 36 | 0 5 | 1 17 | 22 0 | 3 29 | 4 44 | 4 39 | 12 43 | 2 43 | 4 46 |
| S 10 | 4 15 | 27 53 | 4 54 | 13 22 | 0 29 | 9 31 | 1 19 | 25 20 | 3 19 | 21 40 | 0 4 | 12 0 | 1 13 | 7 27 | 0 36 | 0 6 | 1 17 | 22 0 | 3 29 | 4 43 | 4 40 | 12 40 | 2 40 | 4 46 |
| S 11 | 3 51 | 25 22 | 4 16 | 13 20 | 0 17 | 9 4 | 1 20 | 25 17 | 3 17 | 21 39 | 0 4 | 11 57 | 1 13 | 7 28 | 0 36 | 0 6 | 1 17 | 22 1 | 3 29 | 4 43 | 4 41 | 12 37 | 2 38 | 4 45 |
| M12 | 3 27 | 21 8 | 3 20 | 13 17 | 0 6 | 8 37 | 1 21 | 25 14 | 3 16 | 21 37 | 0 4 | 11 55 | 1 13 | 7 29 | 0 36 | 0 7 | 1 17 | 22 1 | 3 29 | 4 43 | 4 43 | 12 34 | 2 36 | 4 45 |
| T 13 | 3 4 | 15 30 | 2 9 | 13 11 | 0s 6 | 8 9 | 1 22 | 25 11 | 3 14 | 21 36 | 0 3 | 11 52 | 1 13 | 7 30 | 0 36 | 0 8 | 1 17 | 22 1 | 3 29 | 4 43 | 4 44 | 12 31 | 2 34 | 4 45 |
| W14 | 2 40 | 8 52 | 0 49 | 13 4 | 0 16 | 7 41 | 1 23 | 25 7 | 3 12 | 21 34 | 0 3 | 11 50 | 1 13 | 7 31 | 0 36 | 0 8 | 1 17 | 22 1 | 3 29 | 4 43 | 4 45 | 12 28 | 2 32 | 4 45 |
| T 15 | 2 16 | 1 43 | 0s35 | 12 56 | 0 27 | 7 13 | 1 23 | 25 4 | 3 10 | 21 33 | 0 3 | 11 48 | 1 13 | 7 33 | 0 36 | 0 9 | 1 17 | 22 1 | 3 29 | 4 43 | 4 46 | 12 24 | 2 30 | 4 44 |
| F 16 | 1 53 | 5s28 | 1 56 | 12 46 | 0 37 | 6 44 | 1 24 | 25 0 | 3 9 | 21 31 | 0 3 | 11 45 | 1 13 | 7 34 | 0 36 | 0 10 | 1 17 | 22 2 | 3 29 | 4 43 | 4 48 | 12 21 | 2 28 | 4 44 |
| S 17 | 1 29 | 12 13 | 3 7 | 12 34 | 0 46 | 6 16 | 1 25 | 24 57 | 3 7 | 21 30 | 0 3 | 11 43 | 1 13 | 7 35 | 0 36 | 0 10 | 1 17 | 22 2 | 3 29 | 4 44 | 4 49 | 12 18 | 2 25 | 4 44 |
| S 18 | 1 5 | 18 9 | 4 5 | 12 20 | 0 55 | 5 47 | 1 25 | 24 53 | 3 5 | 21 28 | 0 3 | 11 41 | 1 14 | 7 36 | 0 36 | 0 11 | 1 17 | 22 2 | 3 29 | 4 44 | 4 50 | 12 15 | 2 23 | 4 43 |
| M19 | 0 41 | 22 56 | 4 46 | 12 6 | 1 4 | 5 18 | 1 26 | 24 50 | 3 4 | 21 27 | 0 3 | 11 38 | 1 14 | 7 37 | 0 36 | 0 12 | 1 17 | 22 2 | 3 29 | 4 44 | 4 51 | 12 12 | 2 21 | 4 43 |
| T 20 | 0 18 | 26 20 | 5 10 | 11 49 | 1 12 | 4 49 | 1 26 | 24 46 | 3 2 | 21 26 | 0 3 | 11 36 | 1 14 | 7 39 | 0 36 | 0 12 | 1 17 | 22 2 | 3 29 | 4 45 | 4 53 | 12 9 | 2 19 | 4 43 |
| W21 | 0n 6 | 28 12 | 5 17 | 11 32 | 1 20 | 4 20 | 1 26 | 24 42 | 3 0 | 21 24 | 0 3 | 11 34 | 1 14 | 7 40 | 0 36 | 0 13 | 1 17 | 22 3 | 3 29 | 4 45 | 4 54 | 12 5 | 2 17 | 4 42 |
| T 22 | 0 30 | 28 31 | 5 8 | 11 13 | 1 27 | 3 51 | 1 27 | 24 38 | 2 59 | 21 23 | 0 3 | 11 31 | 1 14 | 7 41 | 0 36 | 0 14 | 1 17 | 22 3 | 3 29 | 4 45 | 4 55 | 12 2 | 2 14 | 4 42 |
| F 23 | 0 54 | 27 23 | 4 45 | 10 52 | 1 34 | 3 21 | 1 27 | 24 34 | 2 57 | 21 21 | 0 2 | 11 29 | 1 14 | 7 42 | 0 36 | 0 14 | 1 17 | 22 3 | 3 29 | 4 45 | 4 56 | 11 59 | 2 12 | 4 42 |
| S 24 | 1 17 | 24 59 | 4 10 | 10 30 | 1 41 | 2 52 | 1 27 | 24 30 | 2 55 | 21 20 | 0 2 | 11 27 | 1 14 | 7 44 | 0 36 | 0 15 | 1 17 | 22 3 | 3 29 | 4 45 | 4 58 | 11 56 | 2 10 | 4 41 |
| S 25 | 1 41 | 21 32 | 3 24 | 10 7 | 1 47 | 2 22 | 1 27 | 24 25 | 2 54 | 21 19 | 0 2 | 11 25 | 1 14 | 7 45 | 0 36 | 0 16 | 1 17 | 22 3 | 3 29 | 4 44 | 4 59 | 11 53 | 2 8 | 4 41 |
| M26 | 2 5 | 17 15 | 2 30 | 9 43 | 1 52 | 1 53 | 1 27 | 24 21 | 2 52 | 21 17 | 0 2 | 11 22 | 1 14 | 7 46 | 0 36 | 0 16 | 1 17 | 22 3 | 3 29 | 4 44 | 5 0 | 11 50 | 2 6 | 4 40 |
| T 27 | 2 28 | 12 19 | 1 30 | 9 17 | 1 58 | 1 23 | 1 27 | 24 16 | 2 51 | 21 16 | 0 2 | 11 20 | 1 15 | 7 47 | 0 36 | 0 17 | 1 17 | 22 4 | 3 29 | 4 43 | 5 1 | 11 46 | 2 3 | 4 40 |
| W28 | 2 52 | 6 57 | 0 26 | 8 50 | 2 2 | 0 53 | 1 27 | 24 12 | 2 49 | 21 15 | 0 2 | 11 18 | 1 15 | 7 49 | 0 36 | 0 18 | 1 17 | 22 4 | 3 29 | 4 43 | 5 2 | 11 43 | 2 1 | 4 40 |
| T 29 | 3 15 | 1 18 | 0n39 | 8 22 | 2 7 | 0 23 | 1 26 | 24 7 | 2 47 | 21 14 | 0 2 | 11 16 | 1 15 | 7 50 | 0 36 | 0 18 | 1 17 | 22 4 | 3 29 | 4 43 | 5 4 | 11 40 | 1 59 | 4 39 |
| F 30 | 3 39 | 4n26 | 1 44 | 7 52 | 2 10 | 0n 6 | 1 26 | 24 3 | 2 46 | 21 12 | 0 2 | 11 13 | 1 15 | 7 51 | 0 36 | 0 19 | 1 17 | 22 4 | 3 29 | 4 43 | 5 5 | 11 37 | 1 57 | 4 39 |
| S 31 | 4n 2 | 10n 5 | 2n44 | 7s22 | 2s14 | 0n36 | 1s26 | 23n58 | 2n44 | 21s11 | 0n 2 | 11s11 | 1s15 | 7n52 | 0s36 | 0n20 | 1n17 | 22n 4 | 3n29 | 4s44 | 5s 6 | 11s34 | 1s54 | 4s38 |

Julian Day Number = 2610484.5, Delta T = 10m23s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'28, Lahiri = 29°56'29


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## APRIL 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 37 18 | 11♈11'47 | 1♉39 | 18♓ 0 | 6♈ 5 | 24♋17 | 24♑24 | 4♓ 6 | 21♈44 | 2°R 7 | 6°R 7 | 17°R56 | 17♓ 0 | 3♓ 5 | 23°R59 | S 1 |
| M 2 | 12 41 15 | 12°11'16 | 14° 9 | 19°29 | 7°20 | 24°37 | 24°31 | 4°12 | 21°47 | 2♎ 5 | 6♌ 6 | 17♓52 | 16°57 | 3°12 | 23♍55 | M 2 |
| T 3 | 12 45 11 | 13°10'42 | 26°53 | 21° 1 | 8°34 | 24°57 | 24°39 | 4°18 | 21°51 | 2° 4 | 6° 6 | 17°48 | 16°54 | 3°18 | 23°50 | T 3 |
| W 4 | 12 49 8 | 14°10'06 | 9♊50 | 22°33 | 9°49 | 25°17 | 24°46 | 4°24 | 21°54 | 2° 2 | 6° 5 | 17°44 | 16°50 | 3°25 | 23°46 | W 4 |
| T 5 | 12 53 5 | 15° 9'28 | 23° 2 | 24° 7 | 11° 4 | 25°38 | 24°53 | 4°30 | 21°57 | 2° 0 | 6° 5 | 17°42 | 16°47 | 3°32 | 23°42 | T 5 |
| F 6 | 12 57 1 | 16° 8'48 | 6♋31 | 25°43 | 12°18 | 25°59 | 25° 0 | 4°36 | 22° 1 | 1°59 | 6° 5 | 17°40 | 16°44 | 3°38 | 23°37 | F 6 |
| S 7 | 13 0 58 | 17° 8'05 | 20°16 | 27°20 | 13°33 | 26°20 | 25° 6 | 4°42 | 22° 4 | 1°57 | 6° 4 | 17°D40 | 16°41 | 3°45 | 23°33 | S 7 |
| S 8 | 13 4 54 | 18° 7'20 | 4♌18 | 28°58 | 14°47 | 26°42 | 25°13 | 4°48 | 22° 8 | 1°56 | 6° 4 | 17°40 | 16°38 | 3°52 | 23°29 | S 8 |
| M 9 | 13 8 51 | 19° 6'33 | 18°36 | 0♈37 | 16° 2 | 27° 3 | 25°19 | 4°54 | 22°11 | 1°54 | 6° 4 | 17°42 | 16°34 | 3°58 | 23°25 | M 9 |
| T 10 | 13 12 47 | 20° 5'43 | 3♍ 9 | 2°18 | 17°16 | 27°26 | 25°25 | 5° 0 | 22°15 | 1°52 | 6° 4 | 17°43 | 16°31 | 4° 5 | 23°21 | T 10 |
| W11 | 13 16 44 | 21° 4'51 | 17°52 | 4° 1 | 18°31 | 27°48 | 25°32 | 5° 6 | 22°18 | 1°51 | 6° 4 | 17°R44 | 16°28 | 4°12 | 23°17 | W11 |
| T 12 | 13 20 40 | 22° 3'57 | 2♎40 | 5°45 | 19°45 | 28°11 | 25°37 | 5°11 | 22°21 | 1°49 | 6° 3 | 17°43 | 16°25 | 4°18 | 23°13 | T 12 |
| F 13 | 13 24 37 | 23° 3'01 | 17°27 | 7°30 | 21° 0 | 28°34 | 25°43 | 5°17 | 22°25 | 1°48 | 6° 3 | 17°41 | 16°22 | 4°25 | 23° 9 | F 13 |
| S 14 | 13 28 34 | 24° 2'02 | 2♏ 4 | 9°17 | 22°14 | 28°58 | 25°49 | 5°23 | 22°28 | 1°46 | 6° 3 | 17°36 | 16°19 | 4°32 | 23° 6 | S 14 |
| S 15 | 13 32 30 | 25° 1'02 | 16°24 | 11° 5 | 23°28 | 29°21 | 25°54 | 5°28 | 22°32 | 1°45 | 6° 3 | 17°31 | 16°15 | 4°38 | 23° 2 | S 15 |
| M16 | 13 36 27 | 26° 0'00 | 0♐23 | 12°55 | 24°43 | 29°45 | 26° 0 | 5°34 | 22°35 | 1°43 | 6° 3 | 17°25 | 16°12 | 4°45 | 22°59 | M16 |
| T 17 | 13 40 23 | 26°58'56 | 13°57 | 14°46 | 25°57 | 0♌ 9 | 26° 5 | 5°39 | 22°39 | 1°42 | 6° 3 | 17°19 | 16° 9 | 4°52 | 22°55 | T 17 |
| W18 | 13 44 20 | 27°57'50 | 27° 5 | 16°39 | 27°12 | 0°34 | 26°10 | 5°44 | 22°42 | 1°40 | 6° 3 | 17°14 | 16° 6 | 4°58 | 22°52 | W18 |
| T 19 | 13 48 16 | 28°56'43 | 9♑49 | 18°33 | 28°26 | 0°58 | 26°14 | 5°50 | 22°45 | 1°39 | 6°D 3 | 17°10 | 16° 3 | 5° 5 | 22°48 | T 19 |
| F 20 | 13 52 13 | 29°55'34 | 22°12 | 20°28 | 29°40 | 1°23 | 26°19 | 5°55 | 22°49 | 1°38 | 6° 3 | 17° 8 | 16° 0 | 5°11 | 22°45 | F 20 |
| S 21 | 13 56 9 | 0♉54'23 | 4♒19 | 22°25 | 0♉55 | 1°48 | 26°23 | 6° 0 | 22°52 | 1°36 | 6° 3 | 17°D 8 | 15°56 | 5°18 | 22°42 | S 21 |
| S 22 | 14 0 6 | 1°53'10 | 16°13 | 24°24 | 2° 9 | 2°14 | 26°28 | 6° 5 | 22°56 | 1°35 | 6° 3 | 17° 9 | 15°53 | 5°25 | 22°39 | S 22 |
| M23 | 14 4 3 | 2°51'56 | 28° 2 | 26°24 | 3°23 | 2°39 | 26°32 | 6°10 | 22°59 | 1°33 | 6° 3 | 17°10 | 15°50 | 5°31 | 22°36 | M23 |
| T 24 | 14 7 59 | 3°50'40 | 9♓49 | 28°25 | 4°37 | 3° 5 | 26°36 | 6°15 | 23° 2 | 1°32 | 6° 3 | 17°11 | 15°47 | 5°38 | 22°33 | T 24 |
| W25 | 14 11 56 | 4°49'22 | 21°40 | 0♉28 | 5°52 | 3°31 | 26°40 | 6°20 | 23° 6 | 1°31 | 6° 3 | 17°R12 | 15°44 | 5°45 | 22°30 | W25 |
| T 26 | 14 15 52 | 5°48'02 | 3♈38 | 2°32 | 7° 6 | 3°58 | 26°43 | 6°25 | 23° 9 | 1°29 | 6° 3 | 17°10 | 15°40 | 5°51 | 22°28 | T 26 |
| F 27 | 14 19 49 | 6°46'41 | 15°46 | 4°37 | 8°20 | 4°24 | 26°46 | 6°29 | 23°12 | 1°28 | 6° 4 | 17° 6 | 15°37 | 5°58 | 22°25 | F 27 |
| S 28 | 14 23 45 | 7°45'18 | 28° 8 | 6°43 | 9°34 | 4°51 | 26°50 | 6°34 | 23°16 | 1°27 | 6° 4 | 17° 0 | 15°34 | 6° 5 | 22°23 | S 28 |
| S 29 | 14 27 42 | 8°43'53 | 10♉44 | 8°50 | 10°49 | 5°18 | 26°53 | 6°39 | 23°19 | 1°25 | 6° 4 | 16°52 | 15°31 | 6°11 | 22°20 | S 29 |
| M30 | 14 31 38 | 9♉42'26 | 23♉35 | 10♉58 | 12♉ 3 | 5♌45 | 26♑56 | 6♓43 | 23♈22 | 1♎24 | 6♌ 4 | 16♓43 | 15♓28 | 6♓18 | 22♍18 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n25 | 15n25 | 3n38 | 6s50 | 2s17 | 1n 6 | 1s26 | 23n53 | 2n43 | 21s10 | 0n 2 | 11s 9 | 1s15 | 7n54 | 0s36 | 0n20 | 1n17 | 22n 4 | 3n29 | 4s46 | 5s 7 | 11s30 | 1s52 | 4s38 |
| M 2 | 4 48 | 20 13 | 4 21 | 6 17 | 2 19 | 1 36 | 1 25 | 23 48 | 2 41 | 21 9 | 0 1 | 11 7 | 1 15 | 7 55 | 0 36 | 0 21 | 1 17 | 22 4 | 3 29 | 4 47 | 5 9 | 11 27 | 1 50 | 4 37 |
| T 3 | 5 12 | 24 10 | 4 53 | 5 43 | 2 21 | 2 6 | 1 25 | 23 43 | 2 40 | 21 7 | 0 1 | 11 5 | 1 16 | 7 56 | 0 36 | 0 22 | 1 17 | 22 4 | 3 29 | 4 49 | 5 10 | 11 24 | 1 48 | 4 37 |
| W 4 | 5 35 | 27 0 | 5 11 | 5 8 | 2 23 | 2 36 | 1 24 | 23 38 | 2 38 | 21 6 | 0 1 | 11 3 | 1 16 | 7 57 | 0 36 | 0 22 | 1 17 | 22 4 | 3 29 | 4 50 | 5 11 | 11 21 | 1 46 | 4 36 |
| T 5 | 5 57 | 28 24 | 5 12 | 4 32 | 2 24 | 3 5 | 1 23 | 23 32 | 2 37 | 21 5 | 0 1 | 11 1 | 1 16 | 7 59 | 0 36 | 0 23 | 1 17 | 22 4 | 3 28 | 4 51 | 5 12 | 11 18 | 1 43 | 4 36 |
| F 6 | 6 20 | 28 10 | 4 57 | 3 55 | 2 24 | 3 35 | 1 23 | 23 27 | 2 35 | 21 4 | 0 1 | 10 59 | 1 16 | 8 0 | 0 36 | 0 23 | 1 17 | 22 5 | 3 28 | 4 52 | 5 14 | 11 14 | 1 41 | 4 35 |
| S 7 | 6 43 | 26 13 | 4 25 | 3 16 | 2 25 | 4 5 | 1 22 | 23 21 | 2 34 | 21 3 | 0 1 | 10 57 | 1 16 | 8 1 | 0 36 | 0 24 | 1 17 | 22 5 | 3 28 | 4 52 | 5 15 | 11 11 | 1 39 | 4 35 |
| S 8 | 7 6 | 22 38 | 3 36 | 2 37 | 2 24 | 4 34 | 1 21 | 23 16 | 2 33 | 21 2 | 0 1 | 10 55 | 1 16 | 8 3 | 0 36 | 0 25 | 1 17 | 22 5 | 3 28 | 4 52 | 5 16 | 11 8 | 1 37 | 4 34 |
| M 9 | 7 28 | 17 38 | 2 33 | 1 57 | 2 23 | 5 3 | 1 20 | 23 10 | 2 31 | 21 1 | 0 1 | 10 53 | 1 16 | 8 4 | 0 36 | 0 25 | 1 17 | 22 5 | 3 28 | 4 51 | 5 17 | 11 5 | 1 35 | 4 34 |
| T 10 | 7 50 | 11 33 | 1 19 | 1 16 | 2 22 | 5 33 | 1 19 | 23 4 | 2 30 | 21 0 | 0 1 | 10 51 | 1 16 | 8 5 | 0 36 | 0 26 | 1 17 | 22 5 | 3 28 | 4 51 | 5 18 | 11 2 | 1 33 | 4 33 |
| W11 | 8 12 | 4 46 | 0s 1 | 0 33 | 2 20 | 6 2 | 1 18 | 22 59 | 2 28 | 20 59 | 0 1 | 10 49 | 1 17 | 8 6 | 0 36 | 0 27 | 1 17 | 22 5 | 3 28 | 4 50 | 5 20 | 10 58 | 1 31 | 4 32 |
| T 12 | 8 35 | 2s18 | 1 21 | 0n10 | 2 18 | 6 31 | 1 17 | 22 53 | 2 27 | 20 58 | 0 0 | 10 47 | 1 17 | 8 8 | 0 36 | 0 27 | 1 17 | 22 5 | 3 28 | 4 51 | 5 21 | 10 55 | 1 29 | 4 32 |
| F 13 | 8 56 | 9 13 | 2 35 | 0 54 | 2 15 | 7 0 | 1 16 | 22 47 | 2 26 | 20 57 | 0 0 | 10 45 | 1 17 | 8 9 | 0 36 | 0 28 | 1 17 | 22 5 | 3 28 | 4 52 | 5 22 | 10 52 | 1 27 | 4 31 |
| S 14 | 9 18 | 15 35 | 3 38 | 1 39 | 2 12 | 7 29 | 1 15 | 22 40 | 2 24 | 20 56 | 0 0 | 10 43 | 1 17 | 8 10 | 0 36 | 0 28 | 1 17 | 22 5 | 3 28 | 4 53 | 5 23 | 10 49 | 1 25 | 4 31 |
| S 15 | 9 40 | 20 57 | 4 26 | 2 24 | 2 8 | 7 57 | 1 14 | 22 34 | 2 23 | 20 55 | 0 0 | 10 41 | 1 17 | 8 11 | 0 36 | 0 29 | 1 17 | 22 5 | 3 28 | 4 55 | 5 25 | 10 45 | 1 23 | 4 30 |
| M16 | 10 1 | 25 1 | 4 57 | 3 11 | 2 4 | 8 26 | 1 12 | 22 28 | 2 22 | 20 54 | 0s 0 | 10 39 | 1 17 | 8 13 | 0 36 | 0 30 | 1 17 | 22 5 | 3 28 | 4 58 | 5 26 | 10 42 | 1 21 | 4 29 |
| T 17 | 10 22 | 27 33 | 5 10 | 3 58 | 1 59 | 8 54 | 1 11 | 22 21 | 2 20 | 20 53 | 0 0 | 10 37 | 1 18 | 8 14 | 0 36 | 0 30 | 1 17 | 22 5 | 3 28 | 5 0 | 5 27 | 10 39 | 1 19 | 4 29 |
| W18 | 10 44 | 28 27 | 5 6 | 4 46 | 1 54 | 9 22 | 1 10 | 22 15 | 2 19 | 20 52 | 0 0 | 10 35 | 1 18 | 8 15 | 0 36 | 0 31 | 1 17 | 22 5 | 3 28 | 5 2 | 5 28 | 10 36 | 1 17 | 4 28 |
| T 19 | 11 5 | 27 47 | 4 47 | 5 35 | 1 48 | 9 50 | 1 8 | 22 8 | 2 18 | 20 52 | 0 0 | 10 34 | 1 18 | 8 17 | 0 36 | 0 31 | 1 17 | 22 5 | 3 28 | 5 3 | 5 30 | 10 32 | 1 15 | 4 28 |
| F 20 | 11 25 | 25 45 | 4 15 | 6 24 | 1 42 | 10 17 | 1 7 | 22 1 | 2 16 | 20 51 | 0 1 | 10 32 | 1 18 | 8 18 | 0 36 | 0 32 | 1 17 | 22 5 | 3 28 | 5 4 | 5 31 | 10 29 | 1 13 | 4 27 |
| S 21 | 11 46 | 22 34 | 3 32 | 7 14 | 1 35 | 10 45 | 1 5 | 21 54 | 2 15 | 20 50 | 0 1 | 10 30 | 1 18 | 8 19 | 0 36 | 0 32 | 1 17 | 22 5 | 3 28 | 5 4 | 5 32 | 10 26 | 1 11 | 4 26 |
| S 22 | 12 6 | 18 29 | 2 40 | 8 4 | 1 28 | 11 12 | 1 4 | 21 47 | 2 14 | 20 50 | 0 1 | 10 28 | 1 18 | 8 20 | 0 36 | 0 33 | 1 17 | 22 5 | 3 28 | 5 4 | 5 33 | 10 23 | 1 10 | 4 26 |
| M23 | 12 26 | 13 44 | 1 42 | 8 55 | 1 20 | 11 39 | 1 2 | 21 40 | 2 13 | 20 49 | 0 1 | 10 27 | 1 19 | 8 22 | 0 36 | 0 33 | 1 17 | 22 5 | 3 28 | 5 3 | 5 34 | 10 19 | 1 8 | 4 25 |
| T 24 | 12 46 | 8 29 | 0 40 | 9 46 | 1 12 | 12 5 | 1 0 | 21 33 | 2 11 | 20 48 | 0 1 | 10 25 | 1 19 | 8 23 | 0 36 | 0 34 | 1 17 | 22 5 | 3 28 | 5 3 | 5 36 | 10 16 | 1 6 | 4 24 |
| W25 | 13 6 | 2 56 | 0n24 | 10 37 | 1 4 | 12 31 | 0 59 | 21 26 | 2 10 | 20 48 | 0 1 | 10 23 | 1 19 | 8 24 | 0 36 | 0 34 | 1 17 | 22 5 | 3 28 | 5 3 | 5 37 | 10 13 | 1 4 | 4 24 |
| T 26 | 13 26 | 2n47 | 1 28 | 11 28 | 0 55 | 12 57 | 0 57 | 21 18 | 2 9 | 20 47 | 0 1 | 10 22 | 1 19 | 8 25 | 0 36 | 0 35 | 1 17 | 22 4 | 3 28 | 5 3 | 5 38 | 10 10 | 1 3 | 4 23 |
| F 27 | 13 45 | 8 28 | 2 28 | 12 19 | 0 45 | 13 23 | 0 55 | 21 11 | 2 8 | 20 47 | 0 1 | 10 20 | 1 19 | 8 27 | 0 36 | 0 35 | 1 17 | 22 4 | 3 28 | 5 5 | 5 39 | 10 6 | 1 1 | 4 22 |
| S 28 | 14 4 | 13 56 | 3 22 | 13 10 | 0 35 | 13 48 | 0 53 | 21 3 | 2 6 | 20 46 | 0 1 | 10 19 | 1 19 | 8 28 | 0 36 | 0 36 | 1 17 | 22 4 | 3 28 | 5 7 | 5 41 | 10 3 | 0 59 | 4 22 |
| S 29 | 14 23 | 18 56 | 4 8 | 14 1 | 0 25 | 14 13 | 0 51 | 20 56 | 2 5 | 20 46 | 0 2 | 10 17 | 1 20 | 8 29 | 0 36 | 0 36 | 1 17 | 22 4 | 3 28 | 5 10 | 5 42 | 10 0 | 0 58 | 4 21 |
| M30 | 14n41 | 23n10 | 4n41 | 14n51 | 0s15 | 14n38 | 0s49 | 20n48 | 2n 4 | 20s45 | 0s 2 | 10s16 | 1s20 | 8n30 | 0s36 | 0n37 | 1n17 | 22n 4 | 3n28 | 5s14 | 5s43 | 9s57 | 0s56 | 4s20 |

Julian Day Number = 2610515.5, Delta T = 10m23s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'32, Lahiri = 29°56'34


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## MAY 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 35 35 | 10♉40'57 | 6♊40 | 13♉ 6 | 13♉17 | 6♌12 | 26♑58 | 6♓48 | 23♈26 | 1°R23 | 6♌ 5 | 16°R34 | 15♓25 | 6♓25 | 22°R16 | T 1 |
| W 2 | 14 39 32 | 11°39'27 | 19°57 | 15°15 | 14°31 | 6°39 | 27° 1 | 6°52 | 23°29 | 1♎22 | 6° 5 | 16♓25 | 15°21 | 6°31 | 22♍14 | W 2 |
| T 3 | 14 43 28 | 12°37'54 | 3♋27 | 17°23 | 15°45 | 7° 7 | 27° 3 | 6°56 | 23°32 | 1°21 | 6° 5 | 16°17 | 15°18 | 6°38 | 22°12 | T 3 |
| F 4 | 14 47 25 | 13°36'19 | 17° 8 | 19°31 | 16°59 | 7°35 | 27° 5 | 7° 0 | 23°36 | 1°20 | 6° 6 | 16°12 | 15°15 | 6°45 | 22°10 | F 4 |
| S 5 | 14 51 21 | 14°34'42 | 0♌57 | 21°39 | 18°13 | 8° 3 | 27° 7 | 7° 5 | 23°39 | 1°18 | 6° 6 | 16° 9 | 15°12 | 6°51 | 22° 8 | S 5 |
| S 6 | 14 55 18 | 15°33'03 | 14°56 | 23°46 | 19°28 | 8°31 | 27° 9 | 7° 9 | 23°42 | 1°17 | 6° 7 | 16°D 9 | 15° 9 | 6°58 | 22° 6 | S 6 |
| M 7 | 14 59 14 | 16°31'22 | 29° 3 | 25°51 | 20°42 | 8°59 | 27°10 | 7°13 | 23°45 | 1°16 | 6° 7 | 16° 9 | 15° 5 | 7° 4 | 22° 5 | M 7 |
| T 8 | 15 3 11 | 17°29'39 | 13♍18 | 27°56 | 21°56 | 9°28 | 27°12 | 7°17 | 23°49 | 1°15 | 6° 8 | 16°R10 | 15° 2 | 7°11 | 22° 3 | T 8 |
| W 9 | 15 7 7 | 18°27'53 | 27°38 | 29°58 | 23°10 | 9°57 | 27°13 | 7°20 | 23°52 | 1°14 | 6° 8 | 16° 9 | 14°59 | 7°18 | 22° 2 | W 9 |
| T 10 | 15 11 4 | 19°26'06 | 12♎ 1 | 1♊59 | 24°24 | 10°26 | 27°14 | 7°24 | 23°55 | 1°13 | 6° 9 | 16° 7 | 14°56 | 7°24 | 22° 1 | T 10 |
| F 11 | 15 15 1 | 20°24'17 | 26°22 | 3°57 | 25°38 | 10°55 | 27°15 | 7°28 | 23°58 | 1°12 | 6° 9 | 16° 2 | 14°53 | 7°31 | 22° 0 | F 11 |
| S 12 | 15 18 57 | 21°22'26 | 10♏37 | 5°52 | 26°52 | 11°24 | 27°15 | 7°31 | 24° 1 | 1°11 | 6°10 | 15°54 | 14°50 | 7°38 | 21°59 | S 12 |
| S 13 | 15 22 54 | 22°20'33 | 24°41 | 7°45 | 28° 6 | 11°53 | 27°16 | 7°35 | 24° 4 | 1°10 | 6°10 | 15°44 | 14°46 | 7°44 | 21°58 | S 13 |
| M14 | 15 26 50 | 23°18'39 | 8♐28 | 9°35 | 29°20 | 12°22 | 27°16 | 7°38 | 24° 7 | 1° 9 | 6°11 | 15°34 | 14°43 | 7°51 | 21°57 | M14 |
| T 15 | 15 30 47 | 24°16'43 | 21°55 | 11°22 | 0♊33 | 12°52 | 27°R16 | 7°41 | 24°11 | 1° 9 | 6°12 | 15°23 | 14°40 | 7°58 | 21°56 | T 15 |
| W16 | 15 34 43 | 25°14'46 | 5♑ 0 | 13° 5 | 1°47 | 13°22 | 27°16 | 7°45 | 24°14 | 1° 8 | 6°12 | 15°13 | 14°37 | 8° 4 | 21°56 | W16 |
| T 17 | 15 38 40 | 26°12'47 | 17°44 | 14°45 | 3° 1 | 13°52 | 27°16 | 7°48 | 24°17 | 1° 7 | 6°13 | 15° 5 | 14°34 | 8°11 | 21°55 | T 17 |
| F 18 | 15 42 36 | 27°10'47 | 0♒ 8 | 16°22 | 4°15 | 14°22 | 27°15 | 7°51 | 24°20 | 1° 6 | 6°14 | 15° 0 | 14°31 | 8°18 | 21°55 | F 18 |
| S 19 | 15 46 33 | 28° 8'45 | 12°15 | 17°55 | 5°29 | 14°52 | 27°15 | 7°54 | 24°23 | 1° 5 | 6°14 | 14°57 | 14°27 | 8°24 | 21°55 | S 19 |
| S 20 | 15 50 30 | 29° 6'42 | 24°11 | 19°24 | 6°43 | 15°22 | 27°14 | 7°57 | 24°26 | 1° 5 | 6°15 | 14°55 | 14°24 | 8°31 | 21°D55 | S 20 |
| M21 | 15 54 26 | 0♊ 4'38 | 6♓ 0 | 20°50 | 7°57 | 15°52 | 27°13 | 8° 0 | 24°29 | 1° 4 | 6°16 | 14°D55 | 14°21 | 8°38 | 21°55 | M21 |
| T 22 | 15 58 23 | 1° 2'32 | 17°49 | 22°12 | 9°11 | 16°23 | 27°11 | 8° 2 | 24°31 | 1° 3 | 6°17 | 14°R55 | 14°18 | 8°44 | 21°55 | T 22 |
| W23 | 16 2 19 | 2° 0'26 | 29°41 | 23°30 | 10°24 | 16°54 | 27°10 | 8° 5 | 24°34 | 1° 3 | 6°18 | 14°55 | 14°15 | 8°51 | 21°55 | W23 |
| T 24 | 16 6 16 | 2°58'18 | 11♈44 | 24°45 | 11°38 | 17°24 | 27° 8 | 8° 7 | 24°37 | 1° 2 | 6°18 | 14°52 | 14°11 | 8°57 | 21°56 | T 24 |
| F 25 | 16 10 12 | 3°56'09 | 23°59 | 25°55 | 12°52 | 17°55 | 27° 7 | 8°10 | 24°40 | 1° 2 | 6°19 | 14°47 | 14° 8 | 9° 4 | 21°56 | F 25 |
| S 26 | 16 14 9 | 4°53'58 | 6♉32 | 27° 1 | 14° 6 | 18°26 | 27° 5 | 8°12 | 24°43 | 1° 1 | 6°20 | 14°39 | 14° 5 | 9°11 | 21°57 | S 26 |
| S 27 | 16 18 5 | 5°51'47 | 19°23 | 28° 4 | 15°20 | 18°58 | 27° 2 | 8°14 | 24°46 | 1° 0 | 6°21 | 14°29 | 14° 2 | 9°17 | 21°57 | S 27 |
| M28 | 16 22 2 | 6°49'34 | 2♊34 | 29° 2 | 16°33 | 19°29 | 27° 0 | 8°17 | 24°48 | 1° 0 | 6°22 | 14°17 | 13°59 | 9°24 | 21°58 | M28 |
| T 29 | 16 25 59 | 7°47'20 | 16° 1 | 29°56 | 17°47 | 20° 0 | 26°57 | 8°19 | 24°51 | 1° 0 | 6°23 | 14° 4 | 13°56 | 9°31 | 21°59 | T 29 |
| W30 | 16 29 55 | 8°45'05 | 29°44 | 0♋46 | 19° 1 | 20°32 | 26°55 | 8°21 | 24°54 | 0°59 | 6°24 | 13°53 | 13°52 | 9°37 | 22° 0 | W30 |
| T 31 | 16 33 52 | 9♊42'48 | 13♋38 | 1♋32 | 20♊15 | 21♌ 3 | 26♑52 | 8♓22 | 24♈57 | 0♎59 | 6♌25 | 13♓43 | 13♓49 | 9♓44 | 22♍ 1 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 0 | 26n19 | 5n 1 | 15n40 | 0s 5 | 15n 2 | 0s47 | 20n40 | 2n 3 | 20s45 | 0s 2 | 10s14 | 1s20 | 8n31 | 0s36 | 0n37 | 1n17 | 22n 4 | 3n28 | 5s18 | 5s44 | 9s53 | 0s55 | 4s19 |
| W 2 | 15 18 | 28 4 | 5 5 | 16 28 | 0n 6 | 15 26 | 0 45 | 20 32 | 2 2 | 20 44 | 0 2 | 10 13 | 1 20 | 8 33 | 0 36 | 0 38 | 1 17 | 22 4 | 3 28 | 5 21 | 5 46 | 9 50 | 0 53 | 4 19 |
| T 3 | 15 36 | 28 12 | 4 52 | 17 15 | 0 17 | 15 50 | 0 43 | 20 24 | 2 1 | 20 44 | 0 2 | 10 11 | 1 20 | 8 34 | 0 36 | 0 38 | 1 17 | 22 4 | 3 28 | 5 24 | 5 47 | 9 47 | 0 52 | 4 18 |
| F 4 | 15 53 | 26 38 | 4 23 | 18 1 | 0 27 | 16 13 | 0 41 | 20 15 | 1 59 | 20 44 | 0 2 | 10 10 | 1 20 | 8 35 | 0 36 | 0 39 | 1 17 | 22 4 | 3 28 | 5 26 | 5 48 | 9 44 | 0 50 | 4 17 |
| S 5 | 16 11 | 23 26 | 3 37 | 18 45 | 0 38 | 16 35 | 0 39 | 20 7 | 1 58 | 20 44 | 0 2 | 10 9 | 1 21 | 8 36 | 0 36 | 0 39 | 1 17 | 22 4 | 3 28 | 5 27 | 5 49 | 9 40 | 0 49 | 4 17 |
| S 6 | 16 28 | 18 51 | 2 39 | 19 27 | 0 48 | 16 58 | 0 37 | 19 59 | 1 57 | 20 43 | 0 2 | 10 7 | 1 21 | 8 37 | 0 36 | 0 40 | 1 17 | 22 3 | 3 28 | 5 27 | 5 50 | 9 37 | 0 48 | 4 16 |
| M 7 | 16 44 | 13 11 | 1 30 | 20 8 | 0 59 | 17 19 | 0 35 | 19 50 | 1 56 | 20 43 | 0 3 | 10 6 | 1 21 | 8 39 | 0 36 | 0 40 | 1 16 | 22 3 | 3 28 | 5 27 | 5 52 | 9 34 | 0 47 | 4 15 |
| T 8 | 17 1 | 6 47 | 0 15 | 20 46 | 1 9 | 17 41 | 0 33 | 19 41 | 1 55 | 20 43 | 0 3 | 10 5 | 1 21 | 8 40 | 0 36 | 0 40 | 1 16 | 22 3 | 3 28 | 5 27 | 5 53 | 9 30 | 0 45 | 4 14 |
| W 9 | 17 17 | 0 0 | 1s 1 | 21 22 | 1 18 | 18 2 | 0 31 | 19 33 | 1 54 | 20 43 | 0 3 | 10 3 | 1 21 | 8 41 | 0 36 | 0 41 | 1 16 | 22 3 | 3 28 | 5 27 | 5 54 | 9 27 | 0 44 | 4 14 |
| T 10 | 17 33 | 6s47 | 2 13 | 21 56 | 1 27 | 18 22 | 0 28 | 19 24 | 1 53 | 20 43 | 0 3 | 10 2 | 1 22 | 8 42 | 0 36 | 0 41 | 1 16 | 22 3 | 3 28 | 5 28 | 5 55 | 9 24 | 0 43 | 4 13 |
| F 11 | 17 49 | 13 13 | 3 17 | 22 28 | 1 36 | 18 42 | 0 26 | 19 15 | 1 52 | 20 43 | 0 3 | 10 1 | 1 22 | 8 43 | 0 36 | 0 41 | 1 16 | 22 3 | 3 28 | 5 30 | 5 57 | 9 21 | 0 42 | 4 12 |
| S 12 | 18 4 | 18 54 | 4 8 | 22 57 | 1 44 | 19 2 | 0 24 | 19 6 | 1 51 | 20 43 | 0 3 | 10 0 | 1 22 | 8 44 | 0 36 | 0 42 | 1 16 | 22 3 | 3 28 | 5 33 | 5 58 | 9 17 | 0 41 | 4 11 |
| S 13 | 18 19 | 23 28 | 4 43 | 23 23 | 1 52 | 19 21 | 0 21 | 18 56 | 1 50 | 20 43 | 0 3 | 9 59 | 1 22 | 8 46 | 0 36 | 0 42 | 1 16 | 22 2 | 3 28 | 5 37 | 5 59 | 9 14 | 0 40 | 4 11 |
| M14 | 18 34 | 26 37 | 5 0 | 23 47 | 1 58 | 19 39 | 0 19 | 18 47 | 1 48 | 20 43 | 0 4 | 9 58 | 1 22 | 8 47 | 0 36 | 0 42 | 1 16 | 22 2 | 3 28 | 5 41 | 6 0 | 9 11 | 0 39 | 4 10 |
| T 15 | 18 48 | 28 9 | 5 1 | 24 9 | 2 4 | 19 57 | 0 17 | 18 38 | 1 47 | 20 43 | 0 4 | 9 57 | 1 23 | 8 48 | 0 36 | 0 43 | 1 16 | 22 2 | 3 28 | 5 45 | 6 1 | 9 7 | 0 38 | 4 9 |
| W16 | 19 2 | 28 2 | 4 45 | 24 28 | 2 10 | 20 14 | 0 14 | 18 28 | 1 46 | 20 43 | 0 4 | 9 56 | 1 23 | 8 49 | 0 36 | 0 43 | 1 16 | 22 2 | 3 28 | 5 49 | 6 3 | 9 4 | 0 37 | 4 8 |
| T 17 | 19 16 | 26 26 | 4 16 | 24 44 | 2 14 | 20 31 | 0 12 | 18 19 | 1 45 | 20 43 | 0 4 | 9 55 | 1 23 | 8 50 | 0 36 | 0 43 | 1 16 | 22 2 | 3 28 | 5 52 | 6 4 | 9 1 | 0 36 | 4 8 |
| F 18 | 19 29 | 23 34 | 3 34 | 24 58 | 2 18 | 20 47 | 0 10 | 18 9 | 1 44 | 20 44 | 0 4 | 9 54 | 1 23 | 8 51 | 0 36 | 0 44 | 1 16 | 22 1 | 3 28 | 5 54 | 6 5 | 8 58 | 0 35 | 4 7 |
| S 19 | 19 42 | 19 43 | 2 44 | 25 10 | 2 21 | 21 3 | 0 7 | 17 59 | 1 43 | 20 44 | 0 4 | 9 53 | 1 23 | 8 52 | 0 36 | 0 44 | 1 16 | 22 1 | 3 28 | 5 55 | 6 6 | 8 54 | 0 34 | 4 6 |
| S 20 | 19 55 | 15 8 | 1 48 | 25 20 | 2 23 | 21 18 | 0 5 | 17 49 | 1 42 | 20 44 | 0 4 | 9 52 | 1 24 | 8 53 | 0 36 | 0 44 | 1 16 | 22 1 | 3 28 | 5 56 | 6 8 | 8 51 | 0 34 | 4 5 |
| M21 | 20 7 | 10 1 | 0 47 | 25 27 | 2 24 | 21 33 | 0 2 | 17 39 | 1 41 | 20 45 | 0 4 | 9 51 | 1 24 | 8 54 | 0 36 | 0 44 | 1 16 | 22 1 | 3 28 | 5 56 | 6 9 | 8 48 | 0 33 | 4 5 |
| T 22 | 20 19 | 4 34 | 0n15 | 25 33 | 2 24 | 21 47 | 0n 0 | 17 29 | 1 40 | 20 45 | 0 5 | 9 50 | 1 24 | 8 55 | 0 36 | 0 45 | 1 16 | 22 1 | 3 28 | 5 56 | 6 10 | 8 44 | 0 32 | 4 4 |
| W23 | 20 31 | 1n 4 | 1 18 | 25 36 | 2 23 | 22 0 | 0 2 | 17 19 | 1 39 | 20 45 | 0 5 | 9 49 | 1 24 | 8 56 | 0 36 | 0 45 | 1 16 | 22 0 | 3 28 | 5 56 | 6 11 | 8 41 | 0 32 | 4 3 |
| T 24 | 20 42 | 6 44 | 2 17 | 25 38 | 2 21 | 22 13 | 0 5 | 17 9 | 1 38 | 20 46 | 0 5 | 9 49 | 1 24 | 8 57 | 0 36 | 0 45 | 1 16 | 22 0 | 3 28 | 5 57 | 6 12 | 8 38 | 0 31 | 4 2 |
| F 25 | 20 53 | 12 15 | 3 11 | 25 38 | 2 19 | 22 25 | 0 7 | 16 58 | 1 37 | 20 46 | 0 5 | 9 48 | 1 25 | 8 59 | 0 36 | 0 45 | 1 16 | 22 0 | 3 28 | 5 59 | 6 14 | 8 34 | 0 31 | 4 2 |
| S 26 | 21 4 | 17 24 | 3 57 | 25 36 | 2 15 | 22 36 | 0 10 | 16 48 | 1 36 | 20 47 | 0 5 | 9 47 | 1 25 | 9 0 | 0 36 | 0 46 | 1 16 | 22 0 | 3 27 | 6 2 | 6 15 | 8 31 | 0 30 | 4 1 |
| S 27 | 21 14 | 21 54 | 4 33 | 25 33 | 2 11 | 22 47 | 0 12 | 16 37 | 1 35 | 20 47 | 0 5 | 9 47 | 1 25 | 9 1 | 0 36 | 0 46 | 1 16 | 21 59 | 3 27 | 6 6 | 6 16 | 8 28 | 0 30 | 4 0 |
| M28 | 21 24 | 25 26 | 4 54 | 25 28 | 2 5 | 22 57 | 0 15 | 16 26 | 1 34 | 20 48 | 0 5 | 9 46 | 1 25 | 9 2 | 0 36 | 0 46 | 1 16 | 21 59 | 3 27 | 6 10 | 6 17 | 8 25 | 0 29 | 3 59 |
| T 29 | 21 34 | 27 38 | 5 0 | 25 22 | 1 59 | 23 6 | 0 17 | 16 15 | 1 33 | 20 49 | 0 6 | 9 45 | 1 25 | 9 3 | 0 36 | 0 46 | 1 16 | 21 59 | 3 27 | 6 15 | 6 19 | 8 21 | 0 29 | 3 59 |
| W30 | 21 43 | 28 12 | 4 49 | 25 15 | 1 52 | 23 15 | 0 19 | 16 5 | 1 32 | 20 49 | 0 6 | 9 45 | 1 26 | 9 3 | 0 36 | 0 46 | 1 16 | 21 59 | 3 27 | 6 20 | 6 20 | 8 18 | 0 29 | 3 58 |
| T 31 | 21n51 | 27n 1 | 4n21 | 25n 6 | 1n44 | 23n23 | 0n22 | 15n54 | 1n32 | 20s50 | 0s 6 | 9s44 | 1s26 | 9n 4 | 0s36 | 0n46 | 1n16 | 21n58 | 3n27 | 6s23 | 6s21 | 8s15 | 0s28 | 3s57 |

Julian Day Number = 2610545.5, Delta T = 10m23s
Ecliptic obliquity = 23°23'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'36, Lahiri = 29°56'38


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## JUNE 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 37 48 | 10♊40'30 | 27♋40 | 2♋13 | 21♊28 | 21♌35 | 26°R49 | 8♓24 | 24♈59 | 0°R58 | 6♌26 | 13°R36 | 13♓46 | 9♓51 | 22♍ 3 | F 1 |
| S 2 | 16 41 45 | 11°38'10 | 11♌46 | 2°49 | 22°42 | 22° 7 | 26♑45 | 8°26 | 25° 2 | 0♎58 | 6°27 | 13♓31 | 13°43 | 9°57 | 22° 4 | S 2 |
| S 3 | 16 45 41 | 12°35'49 | 25°54 | 3°22 | 23°56 | 22°39 | 26°42 | 8°28 | 25° 4 | 0°58 | 6°28 | 13°29 | 13°40 | 10° 4 | 22° 5 | S 3 |
| M 4 | 16 49 38 | 13°33'26 | 10♍ 2 | 3°49 | 25° 9 | 23°11 | 26°38 | 8°29 | 25° 7 | 0°58 | 6°29 | 13°29 | 13°37 | 10°11 | 22° 7 | M 4 |
| T 5 | 16 53 34 | 14°31'02 | 24° 8 | 4°12 | 26°23 | 23°43 | 26°35 | 8°30 | 25° 9 | 0°57 | 6°30 | 13°29 | 13°33 | 10°17 | 22° 9 | T 5 |
| W 6 | 16 57 31 | 15°28'36 | 8♎13 | 4°31 | 27°37 | 24°15 | 26°31 | 8°32 | 25°12 | 0°57 | 6°32 | 13°28 | 13°30 | 10°24 | 22°11 | W 6 |
| T 7 | 17 1 28 | 16°26'09 | 22°15 | 4°44 | 28°50 | 24°48 | 26°26 | 8°33 | 25°14 | 0°57 | 6°33 | 13°24 | 13°27 | 10°30 | 22°13 | T 7 |
| F 8 | 17 5 24 | 17°23'40 | 6♏12 | 4°53 | 0♋ 4 | 25°20 | 26°22 | 8°34 | 25°17 | 0°57 | 6°34 | 13°19 | 13°24 | 10°37 | 22°15 | F 8 |
| S 9 | 17 9 21 | 18°21'11 | 20° 1 | 4°R57 | 1°17 | 25°53 | 26°18 | 8°35 | 25°19 | 0°57 | 6°35 | 13°10 | 13°21 | 10°44 | 22°17 | S 9 |
| S 10 | 17 13 17 | 19°18'40 | 3♐40 | 4°57 | 2°31 | 26°25 | 26°13 | 8°36 | 25°21 | 0°57 | 6°36 | 12°59 | 13°17 | 10°50 | 22°19 | S 10 |
| M11 | 17 17 14 | 20°16'08 | 17° 6 | 4°52 | 3°44 | 26°58 | 26° 8 | 8°37 | 25°24 | 0°57 | 6°37 | 12°47 | 13°14 | 10°57 | 22°21 | M11 |
| T 12 | 17 21 10 | 21°13'35 | 0♑17 | 4°43 | 4°58 | 27°31 | 26° 3 | 8°37 | 25°26 | 0°D57 | 6°39 | 12°35 | 13°11 | 11° 4 | 22°24 | T 12 |
| W13 | 17 25 7 | 22°11'02 | 13°10 | 4°30 | 6°12 | 28° 4 | 25°58 | 8°38 | 25°28 | 0°57 | 6°40 | 12°24 | 13° 8 | 11°10 | 22°27 | W13 |
| T 14 | 17 29 4 | 23° 8'27 | 25°45 | 4°13 | 7°25 | 28°37 | 25°53 | 8°38 | 25°30 | 0°57 | 6°41 | 12°15 | 13° 5 | 11°17 | 22°29 | T 14 |
| F 15 | 17 33 0 | 24° 5'52 | 8♒ 4 | 3°52 | 8°39 | 29°10 | 25°48 | 8°39 | 25°33 | 0°57 | 6°43 | 12° 8 | 13° 2 | 11°24 | 22°32 | F 15 |
| S 16 | 17 36 57 | 25° 3'16 | 20° 9 | 3°28 | 9°52 | 29°43 | 25°42 | 8°39 | 25°35 | 0°57 | 6°44 | 12° 4 | 12°58 | 11°30 | 22°35 | S 16 |
| S 17 | 17 40 53 | 26° 0'40 | 2♓ 4 | 3° 1 | 11° 5 | 0♍16 | 25°37 | 8°39 | 25°37 | 0°57 | 6°45 | 12° 2 | 12°55 | 11°37 | 22°38 | S 17 |
| M18 | 17 44 50 | 26°58'02 | 13°53 | 2°32 | 12°19 | 0°50 | 25°31 | 8°40 | 25°39 | 0°57 | 6°46 | 12°D 1 | 12°52 | 11°44 | 22°41 | M18 |
| T 19 | 17 48 46 | 27°55'25 | 25°42 | 2° 0 | 13°32 | 1°23 | 25°25 | 8°R40 | 25°41 | 0°57 | 6°48 | 12°R 2 | 12°49 | 11°50 | 22°44 | T 19 |
| W20 | 17 52 43 | 28°52'46 | 7♈36 | 1°28 | 14°46 | 1°56 | 25°19 | 8°40 | 25°43 | 0°58 | 6°49 | 12° 1 | 12°46 | 11°57 | 22°48 | W20 |
| T 21 | 17 56 39 | 29°50'08 | 19°40 | 0°54 | 15°59 | 2°30 | 25°13 | 8°39 | 25°45 | 0°58 | 6°51 | 12° 0 | 12°43 | 12° 4 | 22°51 | T 21 |
| F 22 | 18 0 36 | 0♋47'29 | 1♉59 | 0°20 | 17°13 | 3° 4 | 25° 6 | 8°39 | 25°47 | 0°58 | 6°52 | 11°56 | 12°39 | 12°10 | 22°55 | F 22 |
| S 23 | 18 4 33 | 1°44'49 | 14°37 | 29♊47 | 18°26 | 3°38 | 25° 0 | 8°39 | 25°48 | 0°59 | 6°53 | 11°50 | 12°36 | 12°17 | 22°58 | S 23 |
| S 24 | 18 8 29 | 2°42'10 | 27°38 | 29°14 | 19°39 | 4°11 | 24°54 | 8°38 | 25°50 | 0°59 | 6°55 | 11°41 | 12°33 | 12°23 | 23° 2 | S 24 |
| M25 | 18 12 26 | 3°39'29 | 11♊ 2 | 28°43 | 20°53 | 4°45 | 24°47 | 8°38 | 25°52 | 0°59 | 6°56 | 11°31 | 12°30 | 12°30 | 23° 6 | M25 |
| T 26 | 18 16 22 | 4°36'49 | 24°48 | 28°13 | 22° 6 | 5°19 | 24°40 | 8°37 | 25°54 | 1° 0 | 6°58 | 11°20 | 12°27 | 12°37 | 23°10 | T 26 |
| W27 | 18 20 19 | 5°34'08 | 8♋52 | 27°46 | 23°19 | 5°53 | 24°33 | 8°36 | 25°55 | 1° 0 | 6°59 | 11°10 | 12°23 | 12°43 | 23°14 | W27 |
| T 28 | 18 24 15 | 6°31'27 | 23°11 | 27°22 | 24°33 | 6°28 | 24°27 | 8°35 | 25°57 | 1° 1 | 7° 1 | 11° 2 | 12°20 | 12°50 | 23°18 | T 28 |
| F 29 | 18 28 12 | 7°28'44 | 7♌38 | 27° 2 | 25°46 | 7° 2 | 24°20 | 8°34 | 25°59 | 1° 1 | 7° 2 | 10°56 | 12°17 | 12°57 | 23°22 | F 29 |
| S 30 | 18 32 8 | 8♋26'02 | 22♌ 7 | 26♊45 | 26♋59 | 7♍36 | 24♑12 | 8♓33 | 26♈ 0 | 1♎ 2 | 7♌ 4 | 10♓52 | 12♓14 | 13♓ 3 | 23♍27 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 0 | 24n 7 | 3n37 | 24n57 | 1n35 | 23n31 | 0n24 | 15n42 | 1n31 | 20s51 | 0s 6 | 9s44 | 1s26 | 9n 5 | 0s36 | 0n46 | 1n16 | 21n58 | 3n27 | 6s26 | 6s22 | 8s11 | 0s28 | 3s56 |
| S 2 | 22 8 | 19 46 | 2 39 | 24 46 | 1 25 | 23 38 | 0 27 | 15 31 | 1 30 | 20 51 | 0 6 | 9 43 | 1 26 | 9 6 | 0 36 | 0 46 | 1 16 | 21 58 | 3 27 | 6 28 | 6 23 | 8 8 | 0 28 | 3 56 |
| S 3 | 22 15 | 14 18 | 1 32 | 24 34 | 1 14 | 23 44 | 0 29 | 15 20 | 1 29 | 20 52 | 0 6 | 9 43 | 1 26 | 9 7 | 0 36 | 0 47 | 1 16 | 21 58 | 3 27 | 6 29 | 6 25 | 8 5 | 0 28 | 3 55 |
| M 4 | 22 23 | 8 4 | 0 18 | 24 22 | 1 2 | 23 49 | 0 31 | 15 9 | 1 28 | 20 53 | 0 6 | 9 43 | 1 27 | 9 8 | 0 36 | 0 47 | 1 16 | 21 57 | 3 27 | 6 29 | 6 26 | 8 1 | 0 28 | 3 54 |
| T 5 | 22 29 | 1 28 | 0s56 | 24 8 | 0 49 | 23 54 | 0 34 | 14 57 | 1 27 | 20 54 | 0 7 | 9 42 | 1 27 | 9 9 | 0 36 | 0 47 | 1 16 | 21 57 | 3 27 | 6 29 | 6 27 | 7 58 | 0 28 | 3 53 |
| W 6 | 22 36 | 5s12 | 2 7 | 23 54 | 0 36 | 23 58 | 0 36 | 14 45 | 1 26 | 20 55 | 0 7 | 9 42 | 1 27 | 9 10 | 0 36 | 0 47 | 1 16 | 21 57 | 3 27 | 6 29 | 6 28 | 7 55 | 0 28 | 3 53 |
| T 7 | 22 42 | 11 34 | 3 10 | 23 40 | 0 22 | 24 1 | 0 38 | 14 34 | 1 25 | 20 56 | 0 7 | 9 42 | 1 27 | 9 11 | 0 36 | 0 47 | 1 16 | 21 56 | 3 27 | 6 30 | 6 30 | 7 51 | 0 28 | 3 52 |
| F 8 | 22 47 | 17 20 | 4 0 | 23 25 | 0 7 | 24 4 | 0 40 | 14 22 | 1 24 | 20 57 | 0 7 | 9 42 | 1 28 | 9 12 | 0 36 | 0 47 | 1 16 | 21 56 | 3 27 | 6 33 | 6 31 | 7 48 | 0 28 | 3 51 |
| S 9 | 22 53 | 22 9 | 4 37 | 23 9 | 0s 8 | 24 5 | 0 43 | 14 10 | 1 23 | 20 58 | 0 7 | 9 41 | 1 28 | 9 13 | 0 36 | 0 47 | 1 16 | 21 56 | 3 27 | 6 36 | 6 32 | 7 45 | 0 28 | 3 50 |
| S 10 | 22 57 | 25 41 | 4 57 | 22 53 | 0 25 | 24 7 | 0 45 | 13 58 | 1 22 | 20 59 | 0 7 | 9 41 | 1 28 | 9 13 | 0 36 | 0 47 | 1 15 | 21 55 | 3 27 | 6 40 | 6 33 | 7 41 | 0 29 | 3 50 |
| M11 | 23 2 | 27 44 | 5 0 | 22 37 | 0 41 | 24 7 | 0 47 | 13 46 | 1 21 | 21 0 | 0 7 | 9 41 | 1 28 | 9 14 | 0 36 | 0 47 | 1 15 | 21 55 | 3 27 | 6 45 | 6 34 | 7 38 | 0 29 | 3 49 |
| T 12 | 23 6 | 28 10 | 4 47 | 22 20 | 0 58 | 24 7 | 0 49 | 13 34 | 1 21 | 21 1 | 0 8 | 9 41 | 1 28 | 9 15 | 0 36 | 0 47 | 1 15 | 21 55 | 3 27 | 6 49 | 6 36 | 7 35 | 0 29 | 3 48 |
| W13 | 23 9 | 27 2 | 4 19 | 22 3 | 1 15 | 24 6 | 0 51 | 13 22 | 1 20 | 21 2 | 0 8 | 9 41 | 1 29 | 9 16 | 0 36 | 0 47 | 1 15 | 21 55 | 3 27 | 6 54 | 6 37 | 7 31 | 0 30 | 3 47 |
| T 14 | 23 12 | 24 32 | 3 39 | 21 47 | 1 32 | 24 4 | 0 54 | 13 10 | 1 19 | 21 3 | 0 8 | 9 41 | 1 29 | 9 17 | 0 36 | 0 47 | 1 15 | 21 54 | 3 27 | 6 57 | 6 38 | 7 28 | 0 30 | 3 47 |
| F 15 | 23 15 | 20 56 | 2 50 | 21 30 | 1 50 | 24 2 | 0 56 | 12 57 | 1 18 | 21 4 | 0 8 | 9 41 | 1 29 | 9 17 | 0 36 | 0 47 | 1 15 | 21 54 | 3 27 | 7 0 | 6 39 | 7 25 | 0 30 | 3 46 |
| S 16 | 23 18 | 16 32 | 1 53 | 21 14 | 2 7 | 23 59 | 0 58 | 12 45 | 1 17 | 21 5 | 0 8 | 9 41 | 1 29 | 9 18 | 0 36 | 0 47 | 1 15 | 21 54 | 3 27 | 7 1 | 6 40 | 7 21 | 0 31 | 3 45 |
| S 17 | 23 20 | 11 32 | 0 53 | 20 57 | 2 24 | 23 55 | 1 0 | 12 32 | 1 16 | 21 7 | 0 8 | 9 41 | 1 29 | 9 19 | 0 36 | 0 46 | 1 15 | 21 53 | 3 27 | 7 2 | 6 42 | 7 18 | 0 31 | 3 44 |
| M18 | 23 21 | 6 10 | 0n10 | 20 42 | 2 40 | 23 50 | 1 2 | 12 20 | 1 15 | 21 8 | 0 9 | 9 41 | 1 30 | 9 19 | 0 37 | 0 46 | 1 15 | 21 53 | 3 27 | 7 2 | 6 43 | 7 15 | 0 32 | 3 44 |
| T 19 | 23 22 | 0 36 | 1 12 | 20 26 | 2 56 | 23 45 | 1 3 | 12 7 | 1 15 | 21 9 | 0 9 | 9 42 | 1 30 | 9 20 | 0 37 | 0 46 | 1 15 | 21 53 | 3 27 | 7 2 | 6 44 | 7 11 | 0 33 | 3 43 |
| W20 | 23 23 | 5n 1 | 2 12 | 20 12 | 3 11 | 23 39 | 1 5 | 11 54 | 1 14 | 21 10 | 0 9 | 9 42 | 1 30 | 9 21 | 0 37 | 0 46 | 1 15 | 21 52 | 3 27 | 7 2 | 6 45 | 7 8 | 0 33 | 3 42 |
| T 21 | 23 23 | 10 33 | 3 6 | 19 58 | 3 25 | 23 33 | 1 7 | 11 42 | 1 13 | 21 12 | 0 9 | 9 42 | 1 30 | 9 22 | 0 37 | 0 46 | 1 15 | 21 52 | 3 27 | 7 3 | 6 47 | 7 5 | 0 34 | 3 42 |
| F 22 | 23 23 | 15 47 | 3 53 | 19 45 | 3 38 | 23 25 | 1 9 | 11 29 | 1 12 | 21 13 | 0 9 | 9 42 | 1 31 | 9 22 | 0 37 | 0 46 | 1 15 | 21 52 | 3 28 | 7 4 | 6 48 | 7 1 | 0 35 | 3 41 |
| S 23 | 23 22 | 20 29 | 4 30 | 19 33 | 3 50 | 23 17 | 1 11 | 11 16 | 1 11 | 21 14 | 0 9 | 9 43 | 1 31 | 9 23 | 0 37 | 0 46 | 1 15 | 21 51 | 3 28 | 7 7 | 6 49 | 6 58 | 0 35 | 3 40 |
| S 24 | 23 21 | 24 21 | 4 54 | 19 22 | 4 1 | 23 9 | 1 12 | 11 3 | 1 10 | 21 15 | 0 9 | 9 43 | 1 31 | 9 24 | 0 37 | 0 45 | 1 15 | 21 51 | 3 28 | 7 10 | 6 50 | 6 55 | 0 36 | 3 40 |
| M25 | 23 20 | 27 3 | 5 3 | 19 12 | 4 10 | 22 59 | 1 14 | 10 49 | 1 9 | 21 17 | 0 10 | 9 44 | 1 31 | 9 24 | 0 37 | 0 45 | 1 15 | 21 51 | 3 28 | 7 14 | 6 51 | 6 51 | 0 37 | 3 39 |
| T 26 | 23 18 | 28 11 | 4 55 | 19 4 | 4 18 | 22 49 | 1 16 | 10 36 | 1 9 | 21 18 | 0 10 | 9 44 | 1 31 | 9 25 | 0 37 | 0 45 | 1 15 | 21 50 | 3 28 | 7 18 | 6 53 | 6 48 | 0 38 | 3 38 |
| W27 | 23 16 | 27 33 | 4 29 | 18 57 | 4 25 | 22 39 | 1 17 | 10 23 | 1 8 | 21 19 | 0 10 | 9 44 | 1 32 | 9 25 | 0 37 | 0 45 | 1 15 | 21 50 | 3 28 | 7 22 | 6 54 | 6 45 | 0 39 | 3 37 |
| T 28 | 23 13 | 25 6 | 3 45 | 18 51 | 4 30 | 22 27 | 1 19 | 10 10 | 1 7 | 21 21 | 0 10 | 9 45 | 1 32 | 9 26 | 0 37 | 0 45 | 1 15 | 21 49 | 3 28 | 7 25 | 6 55 | 6 41 | 0 40 | 3 37 |
| F 29 | 23 10 | 21 1 | 2 47 | 18 47 | 4 34 | 22 15 | 1 20 | 9 56 | 1 6 | 21 22 | 0 10 | 9 46 | 1 32 | 9 26 | 0 37 | 0 44 | 1 15 | 21 49 | 3 28 | 7 27 | 6 56 | 6 38 | 0 41 | 3 36 |
| S 30 | 23n 7 | 15n39 | 1n38 | 18n45 | 4s36 | 22n 3 | 1n22 | 9n43 | 1n 5 | 21s24 | 0s10 | 9s46 | 1s32 | 9n27 | 0s37 | 0n44 | 1n15 | 21n49 | 3n28 | 7s29 | 6s57 | 6s34 | 0s42 | 3s35 |

Julian Day Number = 2610576.5, Delta T = 10m24s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'41, Lahiri = 29°56'42


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## JULY 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 36 5 | 9♋23'18 | 6♍34 | 26°R32 | 28♋13 | 8♍11 | 24°R 5 | 8°R32 | 26♈ 2 | 1♎ 3 | 7♌ 5 | 10°D51 | 12♓11 | 13♓10 | 23♍31 | S 1 |
| M 2 | 18 40 2 | 10°20'34 | 20°54 | 26♊23 | 29°26 | 8°45 | 23♑58 | 8♓31 | 26° 3 | 1° 3 | 7° 7 | 10♓51 | 12° 8 | 13°17 | 23°36 | M 2 |
| T 3 | 18 43 58 | 11°17'50 | 5♎ 5 | 26°D19 | 0♌39 | 9°20 | 23°51 | 8°30 | 26° 4 | 1° 4 | 7° 8 | 10°R51 | 12° 4 | 13°23 | 23°40 | T 3 |
| W 4 | 18 47 55 | 12°15'04 | 19° 5 | 26°19 | 1°52 | 9°54 | 23°43 | 8°28 | 26° 6 | 1° 5 | 7°10 | 10°51 | 12° 1 | 13°30 | 23°45 | W 4 |
| T 5 | 18 51 51 | 13°12'18 | 2♏55 | 26°24 | 3° 6 | 10°29 | 23°36 | 8°27 | 26° 7 | 1° 5 | 7°11 | 10°50 | 11°58 | 13°37 | 23°50 | T 5 |
| F 6 | 18 55 48 | 14° 9'32 | 16°34 | 26°34 | 4°19 | 11° 4 | 23°28 | 8°25 | 26° 8 | 1° 6 | 7°13 | 10°46 | 11°55 | 13°43 | 23°55 | F 6 |
| S 7 | 18 59 44 | 15° 6'45 | 0♐ 2 | 26°49 | 5°32 | 11°39 | 23°21 | 8°23 | 26°10 | 1° 7 | 7°14 | 10°40 | 11°52 | 13°50 | 24° 0 | S 7 |
| S 8 | 19 3 41 | 16° 3'58 | 13°18 | 27° 8 | 6°45 | 12°14 | 23°13 | 8°22 | 26°11 | 1° 8 | 7°16 | 10°32 | 11°49 | 13°56 | 24° 5 | S 8 |
| M 9 | 19 7 37 | 17° 1'11 | 26°21 | 27°33 | 7°58 | 12°49 | 23° 6 | 8°20 | 26°12 | 1° 9 | 7°17 | 10°23 | 11°45 | 14° 3 | 24°10 | M 9 |
| T 10 | 19 11 34 | 17°58'23 | 9♑10 | 28° 2 | 9°11 | 13°24 | 22°58 | 8°18 | 26°13 | 1° 9 | 7°19 | 10°14 | 11°42 | 14°10 | 24°15 | T 10 |
| W11 | 19 15 31 | 18°55'35 | 21°46 | 28°36 | 10°25 | 13°59 | 22°51 | 8°16 | 26°14 | 1°10 | 7°21 | 10° 5 | 11°39 | 14°16 | 24°21 | W11 |
| T 12 | 19 19 27 | 19°52'48 | 4♒ 8 | 29°15 | 11°38 | 14°34 | 22°43 | 8°14 | 26°15 | 1°11 | 7°22 | 9°58 | 11°36 | 14°23 | 24°26 | T 12 |
| F 13 | 19 23 24 | 20°50'00 | 16°18 | 29°59 | 12°51 | 15° 9 | 22°35 | 8°11 | 26°16 | 1°12 | 7°24 | 9°54 | 11°33 | 14°30 | 24°31 | F 13 |
| S 14 | 19 27 20 | 21°47'12 | 28°18 | 0♋47 | 14° 4 | 15°45 | 22°27 | 8° 9 | 26°17 | 1°13 | 7°25 | 9°51 | 11°29 | 14°36 | 24°37 | S 14 |
| S 15 | 19 31 17 | 22°44'25 | 10♓10 | 1°40 | 15°17 | 16°20 | 22°20 | 8° 7 | 26°18 | 1°14 | 7°27 | 9°D50 | 11°26 | 14°43 | 24°43 | S 15 |
| M16 | 19 35 13 | 23°41'37 | 21°58 | 2°38 | 16°30 | 16°55 | 22°12 | 8° 4 | 26°19 | 1°15 | 7°29 | 9°51 | 11°23 | 14°50 | 24°48 | M16 |
| T 17 | 19 39 10 | 24°38'50 | 3♈46 | 3°40 | 17°43 | 17°31 | 22° 4 | 8° 2 | 26°19 | 1°16 | 7°30 | 9°52 | 11°20 | 14°56 | 24°54 | T 17 |
| W18 | 19 43 6 | 25°36'04 | 15°39 | 4°47 | 18°56 | 18° 6 | 21°57 | 7°59 | 26°20 | 1°18 | 7°32 | 9°53 | 11°17 | 15° 3 | 25° 0 | W18 |
| T 19 | 19 47 3 | 26°33'18 | 27°43 | 5°58 | 20° 9 | 18°42 | 21°49 | 7°56 | 26°21 | 1°19 | 7°34 | 9°R54 | 11°14 | 15°10 | 25° 6 | T 19 |
| F 20 | 19 51 0 | 27°30'32 | 10♉ 2 | 7°13 | 21°22 | 19°18 | 21°41 | 7°53 | 26°21 | 1°20 | 7°35 | 9°53 | 11°10 | 15°16 | 25°12 | F 20 |
| S 21 | 19 54 56 | 28°27'47 | 22°41 | 8°33 | 22°35 | 19°54 | 21°34 | 7°50 | 26°22 | 1°21 | 7°37 | 9°50 | 11° 7 | 15°23 | 25°18 | S 21 |
| S 22 | 19 58 53 | 29°25'03 | 5♊43 | 9°57 | 23°47 | 20°30 | 21°26 | 7°47 | 26°22 | 1°22 | 7°39 | 9°46 | 11° 4 | 15°30 | 25°24 | S 22 |
| M23 | 20 2 49 | 0♌22'19 | 19°12 | 11°25 | 25° 0 | 21° 5 | 21°18 | 7°44 | 26°23 | 1°24 | 7°40 | 9°41 | 11° 1 | 15°36 | 25°31 | M23 |
| T 24 | 20 6 46 | 1°19'35 | 3♋ 6 | 12°57 | 26°13 | 21°41 | 21°11 | 7°41 | 26°23 | 1°25 | 7°42 | 9°35 | 10°58 | 15°43 | 25°37 | T 24 |
| W25 | 20 10 42 | 2°16'53 | 17°23 | 14°33 | 27°26 | 22°18 | 21° 3 | 7°38 | 26°24 | 1°26 | 7°44 | 9°29 | 10°55 | 15°49 | 25°43 | W25 |
| T 26 | 20 14 39 | 3°14'10 | 2♌ 0 | 16°13 | 28°39 | 22°54 | 20°56 | 7°35 | 26°24 | 1°28 | 7°45 | 9°25 | 10°51 | 15°56 | 25°50 | T 26 |
| F 27 | 20 18 36 | 4°11'28 | 16°48 | 17°56 | 29°52 | 23°30 | 20°49 | 7°32 | 26°24 | 1°29 | 7°47 | 9°21 | 10°48 | 16° 3 | 25°56 | F 27 |
| S 28 | 20 22 32 | 5° 8'47 | 1♍40 | 19°43 | 1♍ 4 | 24° 6 | 20°41 | 7°28 | 26°25 | 1°30 | 7°49 | 9°20 | 10°45 | 16° 9 | 26° 3 | S 28 |
| S 29 | 20 26 29 | 6° 6'05 | 16°29 | 21°33 | 2°17 | 24°42 | 20°34 | 7°25 | 26°25 | 1°32 | 7°50 | 9°D20 | 10°42 | 16°16 | 26°10 | S 29 |
| M30 | 20 30 25 | 7° 3'24 | 1♎ 8 | 23°26 | 3°30 | 25°19 | 20°27 | 7°21 | 26°25 | 1°33 | 7°52 | 9°21 | 10°39 | 16°23 | 26°17 | M30 |
| T 31 | 20 34 22 | 8♌ 0'43 | 15♎32 | 25♋22 | 4♍43 | 25♍55 | 20♑20 | 7♓18 | 26♈25 | 1♎35 | 7♌54 | 9♓22 | 10♓35 | 16♓29 | 26♍23 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 3 | 9n26 | 0n23 | 18n43 | 4s37 | 21n49 | 1n23 | 9n29 | 1n 5 | 21s25 | 0s10 | 9s47 | 1s32 | 9n27 | 0s37 | 0n44 | 1n15 | 21n48 | 3n28 | 7s29 | 6s59 | 6s31 | 0s43 | 3s35 |
| M 2 | 22 59 | 2 47 | 0s54 | 18 44 | 4 37 | 21 36 | 1 24 | 9 15 | 1 4 | 21 26 | 0 11 | 9 47 | 1 33 | 9 28 | 0 37 | 0 43 | 1 15 | 21 48 | 3 28 | 7 29 | 7 0 | 6 28 | 0 44 | 3 34 |
| T 3 | 22 54 | 3s56 | 2 6 | 18 45 | 4 35 | 21 21 | 1 25 | 9 2 | 1 3 | 21 28 | 0 11 | 9 48 | 1 33 | 9 28 | 0 37 | 0 43 | 1 15 | 21 48 | 3 28 | 7 29 | 7 1 | 6 24 | 0 46 | 3 33 |
| W 4 | 22 49 | 10 23 | 3 10 | 18 48 | 4 32 | 21 6 | 1 26 | 8 48 | 1 2 | 21 29 | 0 11 | 9 49 | 1 33 | 9 29 | 0 37 | 0 43 | 1 15 | 21 47 | 3 28 | 7 29 | 7 2 | 6 21 | 0 47 | 3 33 |
| T 5 | 22 44 | 16 14 | 4 2 | 18 53 | 4 28 | 20 50 | 1 28 | 8 34 | 1 1 | 21 31 | 0 11 | 9 50 | 1 33 | 9 29 | 0 37 | 0 43 | 1 15 | 21 47 | 3 28 | 7 29 | 7 3 | 6 18 | 0 48 | 3 32 |
| F 6 | 22 38 | 21 12 | 4 39 | 18 58 | 4 22 | 20 34 | 1 29 | 8 20 | 1 1 | 21 32 | 0 11 | 9 50 | 1 33 | 9 30 | 0 37 | 0 42 | 1 15 | 21 47 | 3 28 | 7 31 | 7 5 | 6 14 | 0 49 | 3 31 |
| S 7 | 22 32 | 25 0 | 5 0 | 19 5 | 4 16 | 20 17 | 1 30 | 8 6 | 1 0 | 21 33 | 0 11 | 9 51 | 1 34 | 9 30 | 0 37 | 0 42 | 1 15 | 21 46 | 3 28 | 7 33 | 7 6 | 6 11 | 0 51 | 3 31 |
| S 8 | 22 25 | 27 23 | 5 5 | 19 13 | 4 8 | 20 0 | 1 30 | 7 52 | 0 59 | 21 35 | 0 11 | 9 52 | 1 34 | 9 31 | 0 37 | 0 42 | 1 15 | 21 46 | 3 28 | 7 36 | 7 7 | 6 8 | 0 52 | 3 30 |
| M 9 | 22 18 | 28 14 | 4 54 | 19 21 | 4 0 | 19 42 | 1 31 | 7 38 | 0 58 | 21 36 | 0 12 | 9 53 | 1 34 | 9 31 | 0 37 | 0 41 | 1 15 | 21 45 | 3 28 | 7 40 | 7 8 | 6 4 | 0 54 | 3 29 |
| T 10 | 22 11 | 27 32 | 4 28 | 19 31 | 3 51 | 19 24 | 1 32 | 7 24 | 0 57 | 21 38 | 0 12 | 9 54 | 1 34 | 9 31 | 0 37 | 0 41 | 1 14 | 21 45 | 3 28 | 7 43 | 7 9 | 6 1 | 0 55 | 3 29 |
| W11 | 22 3 | 25 24 | 3 49 | 19 41 | 3 41 | 19 5 | 1 33 | 7 10 | 0 57 | 21 39 | 0 12 | 9 55 | 1 35 | 9 32 | 0 37 | 0 40 | 1 14 | 21 45 | 3 28 | 7 46 | 7 11 | 5 57 | 0 57 | 3 28 |
| T 12 | 21 55 | 22 6 | 3 0 | 19 52 | 3 31 | 18 45 | 1 33 | 6 55 | 0 56 | 21 41 | 0 12 | 9 56 | 1 35 | 9 32 | 0 37 | 0 40 | 1 14 | 21 44 | 3 28 | 7 49 | 7 12 | 5 54 | 0 58 | 3 28 |
| F 13 | 21 46 | 17 53 | 2 4 | 20 3 | 3 20 | 18 25 | 1 34 | 6 41 | 0 55 | 21 42 | 0 12 | 9 57 | 1 35 | 9 32 | 0 37 | 0 40 | 1 14 | 21 44 | 3 28 | 7 51 | 7 13 | 5 51 | 1 0 | 3 27 |
| S 14 | 21 38 | 13 1 | 1 2 | 20 15 | 3 8 | 18 5 | 1 35 | 6 27 | 0 54 | 21 43 | 0 12 | 9 58 | 1 35 | 9 33 | 0 37 | 0 39 | 1 14 | 21 44 | 3 28 | 7 52 | 7 14 | 5 47 | 1 1 | 3 26 |
| S 15 | 21 28 | 7 43 | 0n 2 | 20 26 | 2 56 | 17 44 | 1 35 | 6 12 | 0 54 | 21 45 | 0 12 | 9 59 | 1 35 | 9 33 | 0 37 | 0 39 | 1 14 | 21 43 | 3 28 | 7 52 | 7 16 | 5 44 | 1 3 | 3 26 |
| M16 | 21 19 | 2 11 | 1 5 | 20 38 | 2 44 | 17 22 | 1 35 | 5 58 | 0 53 | 21 46 | 0 13 | 10 0 | 1 35 | 9 33 | 0 37 | 0 38 | 1 14 | 21 43 | 3 28 | 7 52 | 7 17 | 5 41 | 1 5 | 3 25 |
| T 17 | 21 9 | 3n25 | 2 6 | 20 49 | 2 31 | 17 0 | 1 36 | 5 43 | 0 52 | 21 47 | 0 13 | 10 1 | 1 36 | 9 34 | 0 37 | 0 38 | 1 14 | 21 42 | 3 28 | 7 51 | 7 18 | 5 37 | 1 7 | 3 24 |
| W18 | 20 58 | 8 57 | 3 2 | 21 0 | 2 18 | 16 38 | 1 36 | 5 29 | 0 51 | 21 49 | 0 13 | 10 2 | 1 36 | 9 34 | 0 37 | 0 37 | 1 14 | 21 42 | 3 28 | 7 51 | 7 19 | 5 34 | 1 8 | 3 24 |
| T 19 | 20 48 | 14 13 | 3 51 | 21 11 | 2 5 | 16 15 | 1 36 | 5 14 | 0 51 | 21 50 | 0 13 | 10 4 | 1 36 | 9 34 | 0 37 | 0 37 | 1 14 | 21 42 | 3 28 | 7 50 | 7 20 | 5 30 | 1 10 | 3 23 |
| F 20 | 20 37 | 19 3 | 4 30 | 21 20 | 1 51 | 15 52 | 1 36 | 5 0 | 0 50 | 21 52 | 0 13 | 10 5 | 1 36 | 9 34 | 0 37 | 0 36 | 1 14 | 21 41 | 3 28 | 7 51 | 7 22 | 5 27 | 1 12 | 3 23 |
| S 21 | 20 25 | 23 11 | 4 57 | 21 29 | 1 38 | 15 28 | 1 36 | 4 45 | 0 49 | 21 53 | 0 13 | 10 6 | 1 36 | 9 34 | 0 37 | 0 36 | 1 14 | 21 41 | 3 28 | 7 52 | 7 23 | 5 24 | 1 14 | 3 22 |
| S 22 | 20 14 | 26 17 | 5 10 | 21 37 | 1 24 | 15 4 | 1 36 | 4 30 | 0 48 | 21 54 | 0 13 | 10 7 | 1 37 | 9 35 | 0 37 | 0 35 | 1 14 | 21 40 | 3 29 | 7 53 | 7 24 | 5 20 | 1 16 | 3 21 |
| M23 | 20 2 | 28 2 | 5 6 | 21 44 | 1 10 | 14 40 | 1 36 | 4 15 | 0 48 | 21 55 | 0 14 | 10 9 | 1 37 | 9 35 | 0 37 | 0 35 | 1 14 | 21 40 | 3 29 | 7 55 | 7 25 | 5 17 | 1 18 | 3 21 |
| T 24 | 19 49 | 28 6 | 4 45 | 21 49 | 0 57 | 14 15 | 1 36 | 4 0 | 0 47 | 21 57 | 0 14 | 10 10 | 1 37 | 9 35 | 0 37 | 0 34 | 1 14 | 21 40 | 3 29 | 7 57 | 7 26 | 5 14 | 1 20 | 3 20 |
| W25 | 19 36 | 26 19 | 4 6 | 21 52 | 0 44 | 13 50 | 1 35 | 3 46 | 0 46 | 21 58 | 0 14 | 10 11 | 1 37 | 9 35 | 0 37 | 0 34 | 1 14 | 21 39 | 3 29 | 8 0 | 7 28 | 5 10 | 1 22 | 3 20 |
| T 26 | 19 23 | 22 45 | 3 10 | 21 54 | 0 30 | 13 24 | 1 35 | 3 31 | 0 45 | 21 59 | 0 14 | 10 13 | 1 37 | 9 35 | 0 37 | 0 33 | 1 14 | 21 39 | 3 29 | 8 1 | 7 29 | 5 7 | 1 24 | 3 19 |
| F 27 | 19 10 | 17 40 | 2 0 | 21 54 | 0 18 | 12 58 | 1 35 | 3 16 | 0 45 | 22 1 | 0 14 | 10 14 | 1 37 | 9 35 | 0 37 | 0 33 | 1 14 | 21 39 | 3 29 | 8 3 | 7 30 | 5 3 | 1 26 | 3 19 |
| S 28 | 18 56 | 11 31 | 0 42 | 21 51 | 0 5 | 12 32 | 1 34 | 3 1 | 0 44 | 22 2 | 0 14 | 10 15 | 1 38 | 9 35 | 0 37 | 0 32 | 1 14 | 21 38 | 3 29 | 8 3 | 7 31 | 5 0 | 1 28 | 3 18 |
| S 29 | 18 42 | 4 43 | 0s39 | 21 47 | 0n 7 | 12 5 | 1 33 | 2 46 | 0 43 | 22 3 | 0 14 | 10 17 | 1 38 | 9 35 | 0 38 | 0 31 | 1 14 | 21 38 | 3 29 | 8 3 | 7 32 | 4 57 | 1 30 | 3 18 |
| M30 | 18 28 | 2s14 | 1 57 | 21 40 | 0 19 | 11 39 | 1 33 | 2 30 | 0 42 | 22 4 | 0 14 | 10 18 | 1 38 | 9 35 | 0 38 | 0 31 | 1 14 | 21 37 | 3 29 | 8 3 | 7 34 | 4 53 | 1 32 | 3 17 |
| T 31 | 18n13 | 8s57 | 3s 5 | 21n30 | 0n30 | 11n11 | 1n32 | 2n15 | 0n42 | 22s 5 | 0s15 | 10s20 | 1s38 | 9n35 | 0s38 | 0n30 | 1n14 | 21n37 | 3n29 | 8s 2 | 7s35 | 4s50 | 1s34 | 3s16 |

Julian Day Number = 2610606.5, Delta T = 10m24s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'45, Lahiri = 29°56'46


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## AUGUST 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 38 18 | 8♌58'03 | 29♎40 | 27♋20 | 5♍55 | 26♍32 | 20°R13 | 7°R14 | 26°R25 | 1♎36 | 7♌55 | 9♓23 | 10♓32 | 16♓36 | 26♍30 | W 1 |
| T 2 | 20 42 15 | 9°55'23 | 13♏29 | 29°20 | 7° 8 | 27° 8 | 20♑ 6 | 7♓10 | 26♈25 | 1°38 | 7°57 | 9°R24 | 10°29 | 16°43 | 26°37 | T 2 |
| F 3 | 20 46 11 | 10°52'43 | 27° 0 | 1♌22 | 8°21 | 27°45 | 19°59 | 7° 7 | 26°25 | 1°39 | 7°59 | 9°23 | 10°26 | 16°49 | 26°44 | F 3 |
| S 4 | 20 50 8 | 11°50'04 | 10♐14 | 3°26 | 9°33 | 28°22 | 19°53 | 7° 3 | 26°25 | 1°41 | 8° 0 | 9°20 | 10°23 | 16°56 | 26°51 | S 4 |
| S 5 | 20 54 5 | 12°47'25 | 23°12 | 5°30 | 10°46 | 28°58 | 19°46 | 6°59 | 26°25 | 1°42 | 8° 2 | 9°17 | 10°20 | 17° 3 | 26°58 | S 5 |
| M 6 | 20 58 1 | 13°44'46 | 5♑56 | 7°35 | 11°58 | 29°35 | 19°40 | 6°55 | 26°24 | 1°44 | 8° 4 | 9°13 | 10°16 | 17° 9 | 27° 6 | M 6 |
| T 7 | 21 1 58 | 14°42'09 | 18°27 | 9°41 | 13°11 | 0♎12 | 19°33 | 6°51 | 26°24 | 1°45 | 8° 5 | 9° 9 | 10°13 | 17°16 | 27°13 | T 7 |
| W 8 | 21 5 54 | 15°39'32 | 0♒45 | 11°47 | 14°23 | 0°49 | 19°27 | 6°47 | 26°24 | 1°47 | 8° 7 | 9° 6 | 10°10 | 17°22 | 27°20 | W 8 |
| T 9 | 21 9 51 | 16°36'55 | 12°54 | 13°53 | 15°36 | 1°26 | 19°21 | 6°43 | 26°23 | 1°49 | 8° 9 | 9° 3 | 10° 7 | 17°29 | 27°27 | T 9 |
| F 10 | 21 13 47 | 17°34'20 | 24°54 | 15°59 | 16°48 | 2° 3 | 19°15 | 6°39 | 26°23 | 1°50 | 8°10 | 9° 1 | 10° 4 | 17°36 | 27°35 | F 10 |
| S 11 | 21 17 44 | 18°31'45 | 6♓47 | 18° 4 | 18° 0 | 2°40 | 19° 9 | 6°35 | 26°23 | 1°52 | 8°12 | 9°D 0 | 10° 1 | 17°42 | 27°42 | S 11 |
| S 12 | 21 21 40 | 19°29'11 | 18°36 | 20° 8 | 19°13 | 3°17 | 19° 3 | 6°31 | 26°22 | 1°54 | 8°14 | 9° 1 | 9°57 | 17°49 | 27°50 | S 12 |
| M13 | 21 25 37 | 20°26'38 | 0♈23 | 22°11 | 20°25 | 3°55 | 18°58 | 6°26 | 26°22 | 1°56 | 8°15 | 9° 2 | 9°54 | 17°56 | 27°57 | M13 |
| T 14 | 21 29 34 | 21°24'07 | 12°12 | 24°13 | 21°37 | 4°32 | 18°52 | 6°22 | 26°21 | 1°57 | 8°17 | 9° 3 | 9°51 | 18° 2 | 28° 5 | T 14 |
| W15 | 21 33 30 | 22°21'36 | 24° 7 | 26°14 | 22°50 | 5° 9 | 18°47 | 6°18 | 26°20 | 1°59 | 8°19 | 9° 5 | 9°48 | 18° 9 | 28°13 | W15 |
| T 16 | 21 37 27 | 23°19'07 | 6♉10 | 28°14 | 24° 2 | 5°47 | 18°42 | 6°13 | 26°20 | 2° 1 | 8°20 | 9° 6 | 9°45 | 18°16 | 28°20 | T 16 |
| F 17 | 21 41 23 | 24°16'40 | 18°28 | 0♍13 | 25°14 | 6°24 | 18°37 | 6° 9 | 26°19 | 2° 3 | 8°22 | 9° 6 | 9°41 | 18°22 | 28°28 | F 17 |
| S 18 | 21 45 20 | 25°14'13 | 1♊ 5 | 2°10 | 26°26 | 7° 2 | 18°32 | 6° 5 | 26°18 | 2° 5 | 8°24 | 9°R 6 | 9°38 | 18°29 | 28°36 | S 18 |
| S 19 | 21 49 16 | 26°11'48 | 14° 4 | 4° 5 | 27°38 | 7°39 | 18°27 | 6° 0 | 26°17 | 2° 7 | 8°25 | 9° 6 | 9°35 | 18°36 | 28°44 | S 19 |
| M20 | 21 53 13 | 27° 9'25 | 27°28 | 5°59 | 28°50 | 8°17 | 18°23 | 5°56 | 26°16 | 2° 8 | 8°27 | 9° 5 | 9°32 | 18°42 | 28°52 | M20 |
| T 21 | 21 57 9 | 28° 7'03 | 11♋19 | 7°52 | 0♎ 3 | 8°55 | 18°18 | 5°52 | 26°16 | 2°10 | 8°28 | 9° 3 | 9°29 | 18°49 | 28°59 | T 21 |
| W22 | 22 1 6 | 29° 4'42 | 25°37 | 9°44 | 1°15 | 9°33 | 18°14 | 5°47 | 26°15 | 2°12 | 8°30 | 9° 2 | 9°26 | 18°56 | 29° 7 | W22 |
| T 23 | 22 5 3 | 0♍ 2'23 | 10♌17 | 11°33 | 2°27 | 10°10 | 18°10 | 5°43 | 26°14 | 2°14 | 8°32 | 9° 1 | 9°22 | 19° 2 | 29°15 | T 23 |
| F 24 | 22 8 59 | 1° 0'05 | 25°15 | 13°22 | 3°39 | 10°48 | 18° 6 | 5°38 | 26°12 | 2°16 | 8°33 | 9° 1 | 9°19 | 19° 9 | 29°24 | F 24 |
| S 25 | 22 12 56 | 1°57'48 | 10♍22 | 15° 9 | 4°50 | 11°26 | 18° 2 | 5°34 | 26°11 | 2°18 | 8°35 | 9°D 0 | 9°16 | 19°15 | 29°32 | S 25 |
| S 26 | 22 16 52 | 2°55'33 | 25°29 | 16°54 | 6° 2 | 12° 4 | 17°59 | 5°29 | 26°10 | 2°20 | 8°36 | 9° 1 | 9°13 | 19°22 | 29°40 | S 26 |
| M27 | 22 20 49 | 3°53'18 | 10♎27 | 18°38 | 7°14 | 12°42 | 17°55 | 5°25 | 26° 9 | 2°22 | 8°38 | 9° 1 | 9°10 | 19°29 | 29°48 | M27 |
| T 28 | 22 24 45 | 4°51'05 | 25°10 | 20°21 | 8°26 | 13°21 | 17°52 | 5°20 | 26° 8 | 2°24 | 8°39 | 9° 1 | 9° 7 | 19°35 | 29°56 | T 28 |
| W29 | 22 28 42 | 5°48'53 | 9♏30 | 22° 2 | 9°38 | 13°59 | 17°49 | 5°16 | 26° 7 | 2°26 | 8°41 | 9° 2 | 9° 3 | 19°42 | 0♎ 4 | W29 |
| T 30 | 22 32 38 | 6°46'42 | 23°27 | 23°42 | 10°50 | 14°37 | 17°46 | 5°11 | 26° 5 | 2°28 | 8°42 | 9° 2 | 9° 0 | 19°49 | 0°13 | T 30 |
| F 31 | 22 36 35 | 7♍44'33 | 7♐ 0 | 25♍20 | 12♎ 1 | 15♎15 | 17♑44 | 5♓ 7 | 26♈ 4 | 2♎30 | 8♌44 | 9°R 2 | 8♓57 | 19♓55 | 0♎21 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n58 | 15s 6 | 4s 1 | 21n18 | 0n40 | 10n44 | 1n31 | 2n 0 | 0n41 | 22s 7 | 0s15 | 10s21 | 1s38 | 9n35 | 0s38 | 0n30 | 1n14 | 21n37 | 3n29 | 8s 2 | 7s36 | 4s47 | 1s37 | 3s16 |
| T 2 | 17 43 | 20 20 | 4 42 | 21 3 | 0 50 | 10 16 | 1 30 | 1 45 | 0 40 | 22 8 | 0 15 | 10 23 | 1 38 | 9 35 | 0 38 | 0 29 | 1 14 | 21 36 | 3 29 | 8 2 | 7 37 | 4 43 | 1 39 | 3 15 |
| F 3 | 17 28 | 24 25 | 5 6 | 20 46 | 0 59 | 9 48 | 1 29 | 1 30 | 0 40 | 22 9 | 0 15 | 10 24 | 1 39 | 9 35 | 0 38 | 0 28 | 1 14 | 21 36 | 3 29 | 8 2 | 7 38 | 4 40 | 1 41 | 3 15 |
| S 4 | 17 12 | 27 6 | 5 14 | 20 26 | 1 7 | 9 20 | 1 28 | 1 15 | 0 39 | 22 10 | 0 15 | 10 26 | 1 39 | 9 35 | 0 38 | 0 28 | 1 14 | 21 36 | 3 29 | 8 3 | 7 40 | 4 36 | 1 44 | 3 14 |
| S 5 | 16 56 | 28 17 | 5 4 | 20 3 | 1 14 | 8 52 | 1 27 | 0 59 | 0 38 | 22 11 | 0 15 | 10 28 | 1 39 | 9 35 | 0 38 | 0 27 | 1 14 | 21 35 | 3 29 | 8 4 | 7 41 | 4 33 | 1 46 | 3 14 |
| M 6 | 16 40 | 27 55 | 4 40 | 19 38 | 1 21 | 8 23 | 1 26 | 0 44 | 0 37 | 22 12 | 0 15 | 10 29 | 1 39 | 9 35 | 0 38 | 0 26 | 1 14 | 21 35 | 3 29 | 8 6 | 7 42 | 4 30 | 1 48 | 3 13 |
| T 7 | 16 23 | 26 8 | 4 3 | 19 11 | 1 27 | 7 54 | 1 25 | 0 29 | 0 37 | 22 13 | 0 15 | 10 31 | 1 39 | 9 35 | 0 38 | 0 26 | 1 14 | 21 34 | 3 30 | 8 7 | 7 43 | 4 26 | 1 51 | 3 13 |
| W 8 | 16 6 | 23 7 | 3 15 | 18 41 | 1 32 | 7 25 | 1 23 | 0 14 | 0 36 | 22 14 | 0 15 | 10 32 | 1 39 | 9 35 | 0 38 | 0 25 | 1 14 | 21 34 | 3 30 | 8 9 | 7 44 | 4 23 | 1 53 | 3 12 |
| T 9 | 15 49 | 19 7 | 2 19 | 18 10 | 1 36 | 6 56 | 1 22 | 0s 2 | 0 35 | 22 15 | 0 16 | 10 34 | 1 39 | 9 34 | 0 38 | 0 24 | 1 14 | 21 34 | 3 30 | 8 10 | 7 46 | 4 19 | 1 55 | 3 12 |
| F 10 | 15 32 | 14 24 | 1 17 | 17 36 | 1 40 | 6 26 | 1 20 | 0 17 | 0 35 | 22 16 | 0 16 | 10 36 | 1 40 | 9 34 | 0 38 | 0 24 | 1 14 | 21 33 | 3 30 | 8 10 | 7 47 | 4 16 | 1 58 | 3 11 |
| S 11 | 15 14 | 9 11 | 0 12 | 17 0 | 1 42 | 5 57 | 1 19 | 0 32 | 0 34 | 22 17 | 0 16 | 10 37 | 1 40 | 9 34 | 0 38 | 0 23 | 1 14 | 21 33 | 3 30 | 8 10 | 7 48 | 4 13 | 2 0 | 3 11 |
| S 12 | 14 57 | 3 41 | 0n53 | 16 23 | 1 44 | 5 27 | 1 17 | 0 48 | 0 33 | 22 18 | 0 16 | 10 39 | 1 40 | 9 34 | 0 38 | 0 22 | 1 14 | 21 33 | 3 30 | 8 10 | 7 49 | 4 9 | 2 3 | 3 10 |
| M13 | 14 38 | 1n55 | 1 56 | 15 45 | 1 45 | 4 57 | 1 16 | 1 3 | 0 32 | 22 19 | 0 16 | 10 41 | 1 40 | 9 34 | 0 38 | 0 22 | 1 14 | 21 32 | 3 30 | 8 10 | 7 50 | 4 6 | 2 6 | 3 10 |
| T 14 | 14 20 | 7 29 | 2 53 | 15 5 | 1 46 | 4 27 | 1 14 | 1 19 | 0 32 | 22 20 | 0 16 | 10 42 | 1 40 | 9 33 | 0 38 | 0 21 | 1 14 | 21 32 | 3 30 | 8 9 | 7 52 | 4 2 | 2 8 | 3 9 |
| W15 | 14 2 | 12 48 | 3 44 | 14 24 | 1 45 | 3 57 | 1 12 | 1 34 | 0 31 | 22 20 | 0 16 | 10 44 | 1 40 | 9 33 | 0 38 | 0 20 | 1 14 | 21 32 | 3 30 | 8 9 | 7 53 | 3 59 | 2 11 | 3 9 |
| T 16 | 13 43 | 17 44 | 4 26 | 13 42 | 1 44 | 3 26 | 1 10 | 1 49 | 0 30 | 22 21 | 0 16 | 10 46 | 1 40 | 9 33 | 0 38 | 0 19 | 1 14 | 21 31 | 3 30 | 8 9 | 7 54 | 3 56 | 2 13 | 3 8 |
| F 17 | 13 24 | 22 2 | 4 57 | 12 59 | 1 43 | 2 56 | 1 8 | 2 5 | 0 30 | 22 22 | 0 16 | 10 47 | 1 40 | 9 33 | 0 38 | 0 19 | 1 14 | 21 31 | 3 30 | 8 8 | 7 55 | 3 52 | 2 16 | 3 8 |
| S 18 | 13 5 | 25 27 | 5 14 | 12 15 | 1 41 | 2 25 | 1 6 | 2 20 | 0 29 | 22 23 | 0 17 | 10 49 | 1 41 | 9 32 | 0 38 | 0 18 | 1 13 | 21 31 | 3 30 | 8 8 | 7 56 | 3 49 | 2 19 | 3 7 |
| S 19 | 12 45 | 27 40 | 5 16 | 11 31 | 1 38 | 1 55 | 1 4 | 2 36 | 0 28 | 22 23 | 0 17 | 10 51 | 1 41 | 9 32 | 0 38 | 0 17 | 1 13 | 21 30 | 3 31 | 8 8 | 7 57 | 3 46 | 2 21 | 3 7 |
| M20 | 12 26 | 28 22 | 5 1 | 10 46 | 1 35 | 1 24 | 1 2 | 2 51 | 0 28 | 22 24 | 0 17 | 10 53 | 1 41 | 9 32 | 0 38 | 0 16 | 1 13 | 21 30 | 3 31 | 8 9 | 7 59 | 3 42 | 2 24 | 3 7 |
| T 21 | 12 6 | 27 21 | 4 28 | 10 1 | 1 31 | 0 53 | 0 59 | 3 7 | 0 27 | 22 25 | 0 17 | 10 54 | 1 41 | 9 31 | 0 38 | 0 16 | 1 13 | 21 30 | 3 31 | 8 9 | 8 0 | 3 39 | 2 27 | 3 6 |
| W22 | 11 46 | 24 33 | 3 38 | 9 15 | 1 27 | 0 23 | 0 57 | 3 22 | 0 26 | 22 26 | 0 17 | 10 56 | 1 41 | 9 31 | 0 38 | 0 15 | 1 13 | 21 29 | 3 31 | 8 10 | 8 1 | 3 35 | 2 30 | 3 6 |
| T 23 | 11 26 | 20 4 | 2 33 | 8 29 | 1 22 | 0s 8 | 0 55 | 3 38 | 0 26 | 22 26 | 0 17 | 10 58 | 1 41 | 9 31 | 0 38 | 0 14 | 1 13 | 21 29 | 3 31 | 8 10 | 8 2 | 3 32 | 2 32 | 3 5 |
| F 24 | 11 6 | 14 16 | 1 16 | 7 43 | 1 17 | 0 39 | 0 52 | 3 53 | 0 25 | 22 27 | 0 17 | 10 59 | 1 41 | 9 30 | 0 38 | 0 13 | 1 13 | 21 29 | 3 31 | 8 10 | 8 3 | 3 29 | 2 35 | 3 5 |
| S 25 | 10 45 | 7 33 | 0s 8 | 6 57 | 1 12 | 1 10 | 0 50 | 4 9 | 0 24 | 22 27 | 0 17 | 11 1 | 1 41 | 9 30 | 0 38 | 0 13 | 1 13 | 21 28 | 3 31 | 8 10 | 8 5 | 3 25 | 2 38 | 3 4 |
| S 26 | 10 24 | 0 24 | 1 30 | 6 11 | 1 6 | 1 40 | 0 47 | 4 24 | 0 24 | 22 28 | 0 17 | 11 3 | 1 41 | 9 29 | 0 38 | 0 12 | 1 13 | 21 28 | 3 31 | 8 10 | 8 6 | 3 22 | 2 41 | 3 4 |
| M27 | 10 4 | 6s41 | 2 46 | 5 25 | 1 0 | 2 11 | 0 44 | 4 39 | 0 23 | 22 28 | 0 17 | 11 5 | 1 41 | 9 29 | 0 38 | 0 11 | 1 13 | 21 28 | 3 31 | 8 10 | 8 7 | 3 18 | 2 44 | 3 4 |
| T 28 | 9 43 | 13 16 | 3 49 | 4 39 | 0 54 | 2 42 | 0 42 | 4 55 | 0 22 | 22 29 | 0 17 | 11 6 | 1 41 | 9 28 | 0 38 | 0 10 | 1 13 | 21 27 | 3 31 | 8 10 | 8 8 | 3 15 | 2 47 | 3 3 |
| W29 | 9 21 | 19 0 | 4 37 | 3 53 | 0 47 | 3 13 | 0 39 | 5 10 | 0 22 | 22 29 | 0 18 | 11 8 | 1 41 | 9 28 | 0 38 | 0 9 | 1 13 | 21 27 | 3 32 | 8 10 | 8 9 | 3 12 | 2 49 | 3 3 |
| T 30 | 9 0 | 23 32 | 5 6 | 3 7 | 0 41 | 3 43 | 0 36 | 5 26 | 0 21 | 22 30 | 0 18 | 11 10 | 1 42 | 9 27 | 0 38 | 0 9 | 1 13 | 21 27 | 3 32 | 8 10 | 8 11 | 3 8 | 2 52 | 3 2 |
| F 31 | 8n39 | 26s39 | 5s18 | 2n22 | 0n34 | 4s14 | 0n33 | 5s41 | 0n20 | 22s30 | 0s18 | 11s12 | 1s42 | 9n27 | 0s38 | 0n 8 | 1n13 | 21n26 | 3n32 | 8s10 | 8s12 | 3s 5 | 2s55 | 3s 2 |

Julian Day Number = 2610637.5, Delta T = 10m24s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'49, Lahiri = 29°56'51


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## SEPTEMBER 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 40 32 | 8♍42'24 | 20♐10 | 26♍57 | 13♎13 | 15♎54 | 17°R41 | 5°R 2 | 26°R 3 | 2♎32 | 8♌45 | 9°D 2 | 8♓54 | 20♓ 2 | 0♎29 | S 1 |
| S 2 | 22 44 28 | 9°40'17 | 2♑59 | 28°33 | 14°25 | 16°32 | 17♑39 | 4♓58 | 26♈ 1 | 2°34 | 8°47 | 9♓ 2 | 8°51 | 20° 9 | 0°38 | S 2 |
| M 3 | 22 48 25 | 10°38'10 | 15°31 | 0♎ 8 | 15°36 | 17°11 | 17°37 | 4°53 | 26° 0 | 2°36 | 8°48 | 9° 2 | 8°47 | 20°15 | 0°46 | M 3 |
| T 4 | 22 52 21 | 11°36'06 | 27°48 | 1°41 | 16°48 | 17°49 | 17°35 | 4°49 | 25°58 | 2°39 | 8°50 | 9° 2 | 8°44 | 20°22 | 0°54 | T 4 |
| W 5 | 22 56 18 | 12°34'02 | 9♒54 | 3°12 | 17°59 | 18°28 | 17°33 | 4°44 | 25°57 | 2°41 | 8°51 | 9° 3 | 8°41 | 20°29 | 1° 3 | W 5 |
| T 6 | 23 0 14 | 13°32'00 | 21°52 | 4°43 | 19°11 | 19° 7 | 17°32 | 4°40 | 25°55 | 2°43 | 8°53 | 9° 3 | 8°38 | 20°35 | 1°11 | T 6 |
| F 7 | 23 4 11 | 14°29'59 | 3♓44 | 6°12 | 20°22 | 19°45 | 17°30 | 4°35 | 25°53 | 2°45 | 8°54 | 9°R 3 | 8°35 | 20°42 | 1°20 | F 7 |
| S 8 | 23 8 7 | 15°27'59 | 15°33 | 7°39 | 21°33 | 20°24 | 17°29 | 4°31 | 25°52 | 2°47 | 8°56 | 9° 3 | 8°32 | 20°49 | 1°28 | S 8 |
| S 9 | 23 12 4 | 16°26'02 | 27°20 | 9° 6 | 22°45 | 21° 3 | 17°28 | 4°27 | 25°50 | 2°49 | 8°57 | 9° 3 | 8°28 | 20°55 | 1°37 | S 9 |
| M10 | 23 16 0 | 17°24'06 | 9♈ 9 | 10°31 | 23°56 | 21°42 | 17°27 | 4°22 | 25°48 | 2°51 | 8°58 | 9° 2 | 8°25 | 21° 2 | 1°45 | M10 |
| T 11 | 23 19 57 | 18°22'11 | 21° 2 | 11°54 | 25° 7 | 22°21 | 17°27 | 4°18 | 25°47 | 2°54 | 9° 0 | 9° 1 | 8°22 | 21° 8 | 1°54 | T 11 |
| W12 | 23 23 54 | 19°20'19 | 3♉ 1 | 13°16 | 26°18 | 23° 0 | 17°26 | 4°14 | 25°45 | 2°56 | 9° 1 | 8°59 | 8°19 | 21°15 | 2° 2 | W12 |
| T 13 | 23 27 50 | 20°18'28 | 15° 9 | 14°37 | 27°29 | 23°39 | 17°26 | 4° 9 | 25°43 | 2°58 | 9° 2 | 8°58 | 8°16 | 21°22 | 2°11 | T 13 |
| F 14 | 23 31 47 | 21°16'40 | 27°29 | 15°56 | 28°40 | 24°18 | 17°D26 | 4° 5 | 25°41 | 3° 0 | 9° 4 | 8°57 | 8°12 | 21°28 | 2°20 | F 14 |
| S 15 | 23 35 43 | 22°14'53 | 10♊ 5 | 17°13 | 29°51 | 24°57 | 17°26 | 4° 1 | 25°39 | 3° 2 | 9° 5 | 8°56 | 8° 9 | 21°35 | 2°28 | S 15 |
| S 16 | 23 39 40 | 23°13'09 | 23° 0 | 18°29 | 1♏ 2 | 25°37 | 17°27 | 3°57 | 25°37 | 3° 4 | 9° 6 | 8°D55 | 8° 6 | 21°42 | 2°37 | S 16 |
| M17 | 23 43 36 | 24°11'26 | 6♋18 | 19°43 | 2°13 | 26°16 | 17°27 | 3°53 | 25°35 | 3° 7 | 9° 8 | 8°56 | 8° 3 | 21°48 | 2°46 | M17 |
| T 18 | 23 47 33 | 25° 9'46 | 19°59 | 20°56 | 3°24 | 26°55 | 17°28 | 3°49 | 25°33 | 3° 9 | 9° 9 | 8°57 | 8° 0 | 21°55 | 2°54 | T 18 |
| W19 | 23 51 29 | 26° 8'07 | 4♌ 6 | 22° 7 | 4°35 | 27°35 | 17°29 | 3°45 | 25°31 | 3°11 | 9°10 | 8°58 | 7°57 | 22° 2 | 3° 3 | W19 |
| T 20 | 23 55 26 | 27° 6'31 | 18°38 | 23°15 | 5°45 | 28°14 | 17°30 | 3°41 | 25°29 | 3°13 | 9°11 | 8°59 | 7°53 | 22° 8 | 3°12 | T 20 |
| F 21 | 23 59 23 | 28° 4'57 | 3♍30 | 24°22 | 6°56 | 28°54 | 17°31 | 3°37 | 25°27 | 3°16 | 9°13 | 9°R 0 | 7°50 | 22°15 | 3°21 | F 21 |
| S 22 | 0 3 19 | 29° 3'24 | 18°37 | 25°27 | 8° 7 | 29°34 | 17°33 | 3°33 | 25°25 | 3°18 | 9°14 | 9° 0 | 7°47 | 22°22 | 3°29 | S 22 |
| S 23 | 0 7 16 | 0♎ 1'53 | 3♎49 | 26°29 | 9°17 | 0♏13 | 17°35 | 3°29 | 25°23 | 3°20 | 9°15 | 8°58 | 7°44 | 22°28 | 3°38 | S 23 |
| M24 | 0 11 12 | 1° 0'25 | 18°57 | 27°29 | 10°28 | 0°53 | 17°36 | 3°25 | 25°21 | 3°22 | 9°16 | 8°56 | 7°41 | 22°35 | 3°47 | M24 |
| T 25 | 0 15 9 | 1°58'58 | 3♏52 | 28°26 | 11°38 | 1°33 | 17°39 | 3°22 | 25°19 | 3°24 | 9°17 | 8°53 | 7°38 | 22°42 | 3°55 | T 25 |
| W26 | 0 19 5 | 2°57'33 | 18°26 | 29°21 | 12°48 | 2°13 | 17°41 | 3°18 | 25°17 | 3°27 | 9°18 | 8°50 | 7°34 | 22°48 | 4° 4 | W26 |
| T 27 | 0 23 2 | 3°56'09 | 2♐34 | 0♏13 | 13°59 | 2°53 | 17°43 | 3°14 | 25°15 | 3°29 | 9°19 | 8°47 | 7°31 | 22°55 | 4°13 | T 27 |
| F 28 | 0 26 58 | 4°54'47 | 16°14 | 1° 1 | 15° 9 | 3°33 | 17°46 | 3°11 | 25°12 | 3°31 | 9°20 | 8°45 | 7°28 | 23° 2 | 4°22 | F 28 |
| S 29 | 0 30 55 | 5°53'27 | 29°27 | 1°46 | 16°19 | 4°13 | 17°49 | 3° 8 | 25°10 | 3°33 | 9°21 | 8°43 | 7°25 | 23° 8 | 4°30 | S 29 |
| S 30 | 0 34 52 | 6♎52'09 | 12♑15 | 2♏27 | 17♏29 | 4♏53 | 17♑52 | 3♓ 4 | 25♈ 8 | 3♎36 | 9♌22 | 8°D43 | 7♓22 | 23♓15 | 4♎39 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n17 | 28s12 | 5s12 | 1n37 | 0n26 | 4s44 | 0n30 | 5s56 | 0n19 | 22s31 | 0s18 | 11s13 | 1s42 | 9n26 | 0s38 | 0n 7 | 1n13 | 21n26 | 3n32 | 8s10 | 8s13 | 3s 1 | 2s58 | 3s 2 |
| S 2 | 7 56 | 28 12 | 4 51 | 0 52 | 0 19 | 5 15 | 0 27 | 6 12 | 0 19 | 22 31 | 0 18 | 11 15 | 1 42 | 9 26 | 0 38 | 0 6 | 1 13 | 21 26 | 3 32 | 8 10 | 8 14 | 2 58 | 3 1 | 3 1 |
| M 3 | 7 34 | 26 43 | 4 16 | 0 7 | 0 11 | 5 45 | 0 24 | 6 27 | 0 18 | 22 31 | 0 18 | 11 17 | 1 42 | 9 25 | 0 38 | 0 5 | 1 13 | 21 26 | 3 32 | 8 10 | 8 15 | 2 55 | 3 4 | 3 1 |
| T 4 | 7 12 | 23 59 | 3 30 | 0s37 | 0 3 | 6 15 | 0 21 | 6 42 | 0 17 | 22 32 | 0 18 | 11 18 | 1 42 | 9 25 | 0 38 | 0 4 | 1 13 | 21 25 | 3 32 | 8 10 | 8 17 | 2 51 | 3 7 | 3 0 |
| W 5 | 6 50 | 20 13 | 2 35 | 1 20 | 0s 5 | 6 46 | 0 18 | 6 58 | 0 17 | 22 32 | 0 18 | 11 20 | 1 42 | 9 24 | 0 38 | 0 4 | 1 13 | 21 25 | 3 32 | 8 10 | 8 18 | 2 48 | 3 10 | 3 0 |
| T 6 | 6 28 | 15 40 | 1 34 | 2 4 | 0 13 | 7 16 | 0 15 | 7 13 | 0 16 | 22 32 | 0 18 | 11 22 | 1 42 | 9 24 | 0 38 | 0 3 | 1 13 | 21 25 | 3 32 | 8 10 | 8 19 | 2 44 | 3 13 | 3 0 |
| F 7 | 6 5 | 10 35 | 0 30 | 2 46 | 0 21 | 7 45 | 0 12 | 7 28 | 0 15 | 22 33 | 0 18 | 11 23 | 1 42 | 9 23 | 0 38 | 0 2 | 1 13 | 21 25 | 3 33 | 8 9 | 8 20 | 2 41 | 3 16 | 2 59 |
| S 8 | 5 43 | 5 8 | 0n36 | 3 29 | 0 29 | 8 15 | 0 8 | 7 43 | 0 15 | 22 33 | 0 18 | 11 25 | 1 42 | 9 22 | 0 38 | 0 1 | 1 13 | 21 24 | 3 33 | 8 9 | 8 21 | 2 38 | 3 19 | 2 59 |
| S 9 | 5 21 | 0n28 | 1 40 | 4 10 | 0 37 | 8 45 | 0 5 | 7 59 | 0 14 | 22 33 | 0 18 | 11 27 | 1 42 | 9 22 | 0 38 | 0 0 | 1 13 | 21 24 | 3 33 | 8 10 | 8 22 | 2 34 | 3 22 | 2 59 |
| M10 | 4 58 | 6 4 | 2 39 | 4 51 | 0 46 | 9 14 | 0 2 | 8 14 | 0 14 | 22 33 | 0 18 | 11 28 | 1 42 | 9 21 | 0 38 | 0s 1 | 1 13 | 21 24 | 3 33 | 8 10 | 8 24 | 2 31 | 3 25 | 2 58 |
| T 11 | 4 35 | 11 28 | 3 32 | 5 32 | 0 54 | 9 43 | 0s 2 | 8 29 | 0 13 | 22 33 | 0 18 | 11 30 | 1 42 | 9 21 | 0 38 | 0 2 | 1 13 | 21 24 | 3 33 | 8 10 | 8 25 | 2 27 | 3 28 | 2 58 |
| W12 | 4 13 | 16 30 | 4 17 | 6 11 | 1 3 | 10 12 | 0 5 | 8 44 | 0 12 | 22 33 | 0 19 | 11 31 | 1 42 | 9 20 | 0 38 | 0 2 | 1 13 | 21 23 | 3 33 | 8 11 | 8 26 | 2 24 | 3 32 | 2 58 |
| T 13 | 3 50 | 20 58 | 4 50 | 6 51 | 1 11 | 10 41 | 0 8 | 8 59 | 0 12 | 22 34 | 0 19 | 11 33 | 1 42 | 9 19 | 0 38 | 0 3 | 1 13 | 21 23 | 3 33 | 8 11 | 8 27 | 2 21 | 3 35 | 2 57 |
| F 14 | 3 27 | 24 35 | 5 10 | 7 29 | 1 20 | 11 10 | 0 12 | 9 14 | 0 11 | 22 34 | 0 19 | 11 34 | 1 42 | 9 18 | 0 39 | 0 4 | 1 13 | 21 23 | 3 33 | 8 12 | 8 28 | 2 17 | 3 38 | 2 57 |
| S 15 | 3 4 | 27 8 | 5 17 | 8 7 | 1 28 | 11 38 | 0 15 | 9 29 | 0 10 | 22 34 | 0 19 | 11 36 | 1 42 | 9 18 | 0 39 | 0 5 | 1 13 | 21 23 | 3 34 | 8 12 | 8 30 | 2 14 | 3 41 | 2 56 |
| S 16 | 2 41 | 28 19 | 5 7 | 8 43 | 1 37 | 12 6 | 0 19 | 9 44 | 0 10 | 22 34 | 0 19 | 11 38 | 1 42 | 9 17 | 0 39 | 0 6 | 1 13 | 21 22 | 3 34 | 8 12 | 8 31 | 2 10 | 3 44 | 2 56 |
| M17 | 2 18 | 27 55 | 4 41 | 9 19 | 1 45 | 12 34 | 0 23 | 9 59 | 0 9 | 22 34 | 0 19 | 11 39 | 1 42 | 9 16 | 0 39 | 0 7 | 1 13 | 21 22 | 3 34 | 8 12 | 8 32 | 2 7 | 3 47 | 2 56 |
| T 18 | 1 55 | 25 50 | 3 59 | 9 54 | 1 54 | 13 2 | 0 26 | 10 13 | 0 8 | 22 34 | 0 19 | 11 40 | 1 42 | 9 16 | 0 39 | 0 8 | 1 13 | 21 22 | 3 34 | 8 12 | 8 33 | 2 4 | 3 50 | 2 56 |
| W19 | 1 32 | 22 7 | 3 1 | 10 29 | 2 2 | 13 29 | 0 30 | 10 28 | 0 8 | 22 34 | 0 19 | 11 42 | 1 42 | 9 15 | 0 39 | 0 9 | 1 13 | 21 22 | 3 34 | 8 11 | 8 34 | 2 0 | 3 53 | 2 55 |
| T 20 | 1 9 | 16 57 | 1 50 | 11 2 | 2 10 | 13 56 | 0 33 | 10 43 | 0 7 | 22 34 | 0 19 | 11 43 | 1 42 | 9 14 | 0 39 | 0 9 | 1 13 | 21 22 | 3 34 | 8 11 | 8 35 | 1 57 | 3 57 | 2 55 |
| F 21 | 0 46 | 10 40 | 0 30 | 11 34 | 2 18 | 14 23 | 0 37 | 10 58 | 0 6 | 22 33 | 0 19 | 11 45 | 1 42 | 9 13 | 0 39 | 0 10 | 1 13 | 21 21 | 3 34 | 8 11 | 8 37 | 1 53 | 4 0 | 2 55 |
| S 22 | 0 22 | 3 41 | 0s53 | 12 5 | 2 26 | 14 49 | 0 41 | 11 12 | 0 6 | 22 33 | 0 19 | 11 46 | 1 42 | 9 13 | 0 39 | 0 11 | 1 13 | 21 21 | 3 35 | 8 11 | 8 38 | 1 50 | 4 3 | 2 54 |
| S 23 | 0s 1 | 3s33 | 2 13 | 12 35 | 2 34 | 15 15 | 0 44 | 11 27 | 0 5 | 22 33 | 0 19 | 11 48 | 1 42 | 9 12 | 0 39 | 0 12 | 1 13 | 21 21 | 3 35 | 8 11 | 8 39 | 1 46 | 4 6 | 2 54 |
| M24 | 0 24 | 10 32 | 3 23 | 13 4 | 2 41 | 15 41 | 0 48 | 11 41 | 0 4 | 22 33 | 0 19 | 11 49 | 1 42 | 9 11 | 0 39 | 0 13 | 1 13 | 21 21 | 3 35 | 8 12 | 8 40 | 1 43 | 4 9 | 2 54 |
| T 25 | 0 47 | 16 49 | 4 18 | 13 31 | 2 49 | 16 7 | 0 52 | 11 56 | 0 4 | 22 33 | 0 19 | 11 50 | 1 42 | 9 10 | 0 39 | 0 14 | 1 13 | 21 21 | 3 35 | 8 13 | 8 41 | 1 40 | 4 13 | 2 53 |
| W26 | 1 10 | 22 0 | 4 55 | 13 57 | 2 56 | 16 32 | 0 55 | 12 10 | 0 3 | 22 32 | 0 19 | 11 51 | 1 42 | 9 9 | 0 39 | 0 15 | 1 13 | 21 20 | 3 35 | 8 14 | 8 43 | 1 36 | 4 16 | 2 53 |
| T 27 | 1 34 | 25 44 | 5 13 | 14 22 | 3 2 | 16 56 | 0 59 | 12 24 | 0 3 | 22 32 | 0 19 | 11 53 | 1 42 | 9 9 | 0 39 | 0 16 | 1 13 | 21 20 | 3 35 | 8 16 | 8 44 | 1 33 | 4 19 | 2 53 |
| F 28 | 1 57 | 27 51 | 5 12 | 14 45 | 3 9 | 17 21 | 1 3 | 12 38 | 0 2 | 22 32 | 0 20 | 11 54 | 1 42 | 9 8 | 0 39 | 0 16 | 1 13 | 21 20 | 3 35 | 8 16 | 8 45 | 1 29 | 4 22 | 2 53 |
| S 29 | 2 20 | 28 17 | 4 54 | 15 6 | 3 15 | 17 45 | 1 7 | 12 53 | 0 1 | 22 32 | 0 20 | 11 55 | 1 42 | 9 7 | 0 39 | 0 17 | 1 13 | 21 20 | 3 36 | 8 17 | 8 46 | 1 26 | 4 25 | 2 52 |
| S 30 | 2s43 | 27s11 | 4s22 | 15s26 | 3s20 | 18s 8 | 1s10 | 13s 7 | 0n 1 | 22s31 | 0s20 | 11s56 | 1s42 | 9n 6 | 0s39 | 0s18 | 1n13 | 21n20 | 3n36 | 8s17 | 8s47 | 1s23 | 4s29 | 2s52 |

Julian Day Number = 2610668.5, Delta T = 10m25s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'53, Lahiri = 29°56'55


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## OCTOBER 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 38 48 | 7♎50'52 | 24♑43 | 3♏ 4 | 18♏39 | 5♏33 | 17♑55 | 3°R 1 | 25°R 6 | 3♎38 | 9♌23 | 8♓44 | 7♓18 | 23♓21 | 4♎48 | M 1 |
| T 2 | 0 42 45 | 8°49'37 | 6♒54 | 3°37 | 19°49 | 6°13 | 17°58 | 2♓58 | 25♈ 3 | 3°40 | 9°24 | 8°46 | 7°15 | 23°28 | 4°57 | T 2 |
| W 3 | 0 46 41 | 9°48'23 | 18°53 | 4° 5 | 20°59 | 6°54 | 18° 2 | 2°55 | 25° 1 | 3°42 | 9°25 | 8°48 | 7°12 | 23°35 | 5° 5 | W 3 |
| T 4 | 0 50 38 | 10°47'11 | 0♓44 | 4°27 | 22° 9 | 7°34 | 18° 6 | 2°51 | 24°59 | 3°44 | 9°26 | 8°49 | 7° 9 | 23°41 | 5°14 | T 4 |
| F 5 | 0 54 34 | 11°46'01 | 12°32 | 4°45 | 23°19 | 8°15 | 18°10 | 2°48 | 24°56 | 3°47 | 9°27 | 8°R49 | 7° 6 | 23°48 | 5°23 | F 5 |
| S 6 | 0 58 31 | 12°44'53 | 24°19 | 4°56 | 24°28 | 8°55 | 18°14 | 2°46 | 24°54 | 3°49 | 9°28 | 8°48 | 7° 3 | 23°55 | 5°32 | S 6 |
| S 7 | 1 2 27 | 13°43'47 | 6♈ 9 | 5°R 1 | 25°38 | 9°36 | 18°18 | 2°43 | 24°52 | 3°51 | 9°29 | 8°45 | 6°59 | 24° 1 | 5°40 | S 7 |
| M 8 | 1 6 24 | 14°42'43 | 18° 4 | 4°59 | 26°47 | 10°16 | 18°22 | 2°40 | 24°49 | 3°53 | 9°30 | 8°40 | 6°56 | 24° 8 | 5°49 | M 8 |
| T 9 | 1 10 21 | 15°41'40 | 0♉ 5 | 4°50 | 27°57 | 10°57 | 18°27 | 2°37 | 24°47 | 3°55 | 9°31 | 8°34 | 6°53 | 24°15 | 5°58 | T 9 |
| W10 | 1 14 17 | 16°40'40 | 12°14 | 4°34 | 29° 6 | 11°37 | 18°32 | 2°35 | 24°44 | 3°58 | 9°31 | 8°27 | 6°50 | 24°21 | 6° 6 | W10 |
| T 11 | 1 18 14 | 17°39'42 | 24°32 | 4° 9 | 0♗15 | 12°18 | 18°37 | 2°32 | 24°42 | 4° 0 | 9°32 | 8°20 | 6°47 | 24°28 | 6°15 | T 11 |
| F 12 | 1 22 10 | 18°38'46 | 7♊ 2 | 3°37 | 1°24 | 12°59 | 18°42 | 2°30 | 24°40 | 4° 2 | 9°33 | 8°14 | 6°44 | 24°35 | 6°24 | F 12 |
| S 13 | 1 26 7 | 19°37'53 | 19°44 | 2°58 | 2°33 | 13°40 | 18°47 | 2°27 | 24°37 | 4° 4 | 9°34 | 8° 9 | 6°40 | 24°41 | 6°32 | S 13 |
| S 14 | 1 30 3 | 20°37'01 | 2♋41 | 2°10 | 3°42 | 14°21 | 18°53 | 2°25 | 24°35 | 4° 6 | 9°34 | 8° 5 | 6°37 | 24°48 | 6°41 | S 14 |
| M15 | 1 34 0 | 21°36'12 | 15°55 | 1°16 | 4°51 | 15° 2 | 18°58 | 2°23 | 24°32 | 4° 8 | 9°35 | 8°D 4 | 6°34 | 24°55 | 6°50 | M15 |
| T 16 | 1 37 56 | 22°35'26 | 29°29 | 0°15 | 6° 0 | 15°43 | 19° 4 | 2°21 | 24°30 | 4°11 | 9°36 | 8° 4 | 6°31 | 25° 1 | 6°58 | T 16 |
| W17 | 1 41 53 | 23°34'41 | 13♌23 | 29♎ 9 | 7° 9 | 16°24 | 19°10 | 2°19 | 24°27 | 4°13 | 9°36 | 8° 5 | 6°28 | 25° 8 | 7° 7 | W17 |
| T 18 | 1 45 50 | 24°33'59 | 27°38 | 28° 0 | 8°17 | 17° 5 | 19°16 | 2°17 | 24°25 | 4°15 | 9°37 | 8° 6 | 6°24 | 25°15 | 7°15 | T 18 |
| F 19 | 1 49 46 | 25°33'19 | 12♍13 | 26°48 | 9°25 | 17°47 | 19°22 | 2°15 | 24°23 | 4°17 | 9°38 | 8°R 6 | 6°21 | 25°21 | 7°24 | F 19 |
| S 20 | 1 53 43 | 26°32'42 | 27° 4 | 25°36 | 10°34 | 18°28 | 19°29 | 2°13 | 24°20 | 4°19 | 9°38 | 8° 5 | 6°18 | 25°28 | 7°32 | S 20 |
| S 21 | 1 57 39 | 27°32'06 | 12♎ 5 | 24°26 | 11°42 | 19° 9 | 19°35 | 2°12 | 24°18 | 4°21 | 9°39 | 8° 1 | 6°15 | 25°34 | 7°41 | S 21 |
| M22 | 2 1 36 | 28°31'33 | 27° 7 | 23°20 | 12°50 | 19°51 | 19°42 | 2°10 | 24°15 | 4°23 | 9°39 | 7°55 | 6°12 | 25°41 | 7°49 | M22 |
| T 23 | 2 5 32 | 29°31'02 | 12♏ 2 | 22°20 | 13°58 | 20°32 | 19°49 | 2° 9 | 24°13 | 4°25 | 9°40 | 7°47 | 6° 9 | 25°48 | 7°58 | T 23 |
| W24 | 2 9 29 | 0♏30'33 | 26°39 | 21°27 | 15° 6 | 21°14 | 19°56 | 2° 7 | 24°10 | 4°27 | 9°40 | 7°39 | 6° 5 | 25°54 | 8° 6 | W24 |
| T 25 | 2 13 25 | 1°30'05 | 10♗54 | 20°44 | 16°14 | 21°56 | 20° 3 | 2° 6 | 24° 8 | 4°29 | 9°41 | 7°31 | 6° 2 | 26° 1 | 8°14 | T 25 |
| F 26 | 2 17 22 | 2°29'40 | 24°40 | 20°10 | 17°21 | 22°37 | 20°11 | 2° 5 | 24° 6 | 4°31 | 9°41 | 7°23 | 5°59 | 26° 8 | 8°23 | F 26 |
| S 27 | 2 21 19 | 3°29'16 | 7♑59 | 19°48 | 18°29 | 23°19 | 20°18 | 2° 4 | 24° 3 | 4°33 | 9°42 | 7°18 | 5°56 | 26°14 | 8°31 | S 27 |
| S 28 | 2 25 15 | 4°28'54 | 20°50 | 19°36 | 19°36 | 24° 1 | 20°26 | 2° 3 | 24° 1 | 4°35 | 9°42 | 7°15 | 5°53 | 26°21 | 8°39 | S 28 |
| M29 | 2 29 12 | 5°28'34 | 3♒19 | 19°D36 | 20°43 | 24°43 | 20°33 | 2° 2 | 23°59 | 4°37 | 9°42 | 7°D14 | 5°50 | 26°28 | 8°48 | M29 |
| T 30 | 2 33 8 | 6°28'15 | 15°29 | 19°47 | 21°50 | 25°25 | 20°41 | 2° 2 | 23°56 | 4°39 | 9°43 | 7°14 | 5°46 | 26°34 | 8°56 | T 30 |
| W31 | 2 37 5 | 7♏27'58 | 27♒26 | 20♎ 8 | 22♗57 | 26♏ 7 | 20♑49 | 2♓ 1 | 23♈54 | 4♎41 | 9♌43 | 7♓15 | 5♓43 | 26♓41 | 9♎ 4 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s 6 | 24s43 | 3s39 | 15s43 | 3s25 | 18s31 | 1s14 | 13s21 | 0n 0 | 22s31 | 0s20 | 11s58 | 1s42 | 9n 5 | 0s39 | 0s19 | 1n13 | 21n20 | 3n36 | 8s17 | 8s48 | 1s19 | 4s32 | 2s52 |
| T 2 | 3 30 | 21 11 | 2 46 | 15 59 | 3 30 | 18 54 | 1 18 | 13 35 | 0s 1 | 22 30 | 0 20 | 11 59 | 1 42 | 9 5 | 0 39 | 0 20 | 1 13 | 21 20 | 3 36 | 8 16 | 8 50 | 1 16 | 4 35 | 2 52 |
| W 3 | 3 53 | 16 50 | 1 47 | 16 12 | 3 34 | 19 16 | 1 22 | 13 48 | 0 1 | 22 30 | 0 20 | 12 0 | 1 42 | 9 4 | 0 39 | 0 21 | 1 13 | 21 20 | 3 36 | 8 15 | 8 51 | 1 12 | 4 38 | 2 51 |
| T 4 | 4 16 | 11 53 | 0 44 | 16 23 | 3 37 | 19 38 | 1 25 | 14 2 | 0 2 | 22 30 | 0 20 | 12 1 | 1 42 | 9 3 | 0 39 | 0 22 | 1 13 | 21 19 | 3 36 | 8 15 | 8 52 | 1 9 | 4 42 | 2 51 |
| F 5 | 4 39 | 6 32 | 0n20 | 16 31 | 3 39 | 20 0 | 1 29 | 14 16 | 0 3 | 22 29 | 0 20 | 12 2 | 1 42 | 9 2 | 0 39 | 0 23 | 1 13 | 21 19 | 3 36 | 8 15 | 8 53 | 1 6 | 4 45 | 2 51 |
| S 6 | 5 1 | 0 58 | 1 24 | 16 36 | 3 41 | 20 20 | 1 33 | 14 29 | 0 3 | 22 29 | 0 20 | 12 3 | 1 42 | 9 1 | 0 39 | 0 23 | 1 13 | 21 19 | 3 37 | 8 15 | 8 54 | 1 2 | 4 48 | 2 51 |
| S 7 | 5 24 | 4n38 | 2 24 | 16 38 | 3 41 | 20 41 | 1 36 | 14 43 | 0 4 | 22 28 | 0 20 | 12 4 | 1 42 | 9 0 | 0 39 | 0 24 | 1 13 | 21 19 | 3 37 | 8 16 | 8 56 | 0 59 | 4 51 | 2 50 |
| M 8 | 5 47 | 10 7 | 3 18 | 16 37 | 3 40 | 21 1 | 1 40 | 14 56 | 0 4 | 22 28 | 0 20 | 12 5 | 1 42 | 8 59 | 0 39 | 0 25 | 1 13 | 21 19 | 3 37 | 8 18 | 8 57 | 0 55 | 4 55 | 2 50 |
| T 9 | 6 10 | 15 16 | 4 3 | 16 32 | 3 38 | 21 20 | 1 43 | 15 9 | 0 5 | 22 27 | 0 20 | 12 6 | 1 41 | 8 59 | 0 39 | 0 26 | 1 13 | 21 19 | 3 37 | 8 20 | 8 58 | 0 52 | 4 58 | 2 50 |
| W10 | 6 32 | 19 53 | 4 38 | 16 23 | 3 35 | 21 39 | 1 47 | 15 23 | 0 6 | 22 26 | 0 20 | 12 7 | 1 41 | 8 58 | 0 39 | 0 27 | 1 13 | 21 19 | 3 37 | 8 23 | 8 59 | 0 49 | 5 1 | 2 50 |
| T 11 | 6 55 | 23 43 | 5 1 | 16 10 | 3 30 | 21 57 | 1 50 | 15 36 | 0 6 | 22 26 | 0 20 | 12 7 | 1 41 | 8 57 | 0 39 | 0 28 | 1 13 | 21 19 | 3 37 | 8 25 | 9 0 | 0 45 | 5 4 | 2 49 |
| F 12 | 7 17 | 26 31 | 5 10 | 15 53 | 3 24 | 22 15 | 1 54 | 15 49 | 0 7 | 22 25 | 0 20 | 12 8 | 1 41 | 8 56 | 0 39 | 0 28 | 1 13 | 21 19 | 3 38 | 8 28 | 9 1 | 0 42 | 5 7 | 2 49 |
| S 13 | 7 40 | 28 2 | 5 3 | 15 32 | 3 15 | 22 33 | 1 57 | 16 1 | 0 7 | 22 24 | 0 20 | 12 9 | 1 41 | 8 55 | 0 39 | 0 29 | 1 14 | 21 19 | 3 38 | 8 30 | 9 3 | 0 38 | 5 11 | 2 49 |
| S 14 | 8 2 | 28 3 | 4 42 | 15 6 | 3 5 | 22 49 | 2 1 | 16 14 | 0 8 | 22 24 | 0 20 | 12 10 | 1 41 | 8 54 | 0 39 | 0 30 | 1 14 | 21 19 | 3 38 | 8 31 | 9 4 | 0 35 | 5 14 | 2 49 |
| M15 | 8 24 | 26 29 | 4 5 | 14 36 | 2 54 | 23 6 | 2 4 | 16 27 | 0 9 | 22 23 | 0 20 | 12 10 | 1 41 | 8 53 | 0 39 | 0 31 | 1 14 | 21 19 | 3 38 | 8 32 | 9 5 | 0 32 | 5 17 | 2 49 |
| T 16 | 8 46 | 23 22 | 3 14 | 14 2 | 2 40 | 23 21 | 2 8 | 16 39 | 0 9 | 22 22 | 0 20 | 12 11 | 1 41 | 8 52 | 0 39 | 0 32 | 1 14 | 21 19 | 3 38 | 8 32 | 9 6 | 0 28 | 5 20 | 2 48 |
| W17 | 9 8 | 18 50 | 2 10 | 13 24 | 2 24 | 23 36 | 2 11 | 16 52 | 0 10 | 22 21 | 0 20 | 12 12 | 1 41 | 8 52 | 0 39 | 0 33 | 1 14 | 21 19 | 3 38 | 8 31 | 9 7 | 0 25 | 5 24 | 2 48 |
| T 18 | 9 30 | 13 9 | 0 56 | 12 43 | 2 7 | 23 51 | 2 14 | 17 4 | 0 11 | 22 21 | 0 21 | 12 12 | 1 41 | 8 51 | 0 39 | 0 33 | 1 14 | 21 19 | 3 38 | 8 31 | 9 8 | 0 21 | 5 27 | 2 48 |
| F 19 | 9 52 | 6 37 | 0s22 | 12 0 | 1 49 | 24 5 | 2 17 | 17 16 | 0 11 | 22 20 | 0 21 | 12 13 | 1 41 | 8 50 | 0 39 | 0 34 | 1 14 | 21 19 | 3 39 | 8 31 | 9 10 | 0 18 | 5 30 | 2 48 |
| S 20 | 10 13 | 0s22 | 1 41 | 11 16 | 1 29 | 24 18 | 2 21 | 17 28 | 0 12 | 22 19 | 0 21 | 12 14 | 1 41 | 8 49 | 0 39 | 0 35 | 1 14 | 21 19 | 3 39 | 8 31 | 9 11 | 0 15 | 5 33 | 2 48 |
| S 21 | 10 34 | 7 25 | 2 53 | 10 31 | 1 9 | 24 31 | 2 24 | 17 40 | 0 12 | 22 18 | 0 21 | 12 14 | 1 41 | 8 48 | 0 39 | 0 36 | 1 14 | 21 19 | 3 39 | 8 33 | 9 12 | 0 11 | 5 36 | 2 47 |
| M22 | 10 56 | 14 2 | 3 53 | 9 48 | 0 48 | 24 43 | 2 27 | 17 52 | 0 13 | 22 17 | 0 21 | 12 15 | 1 40 | 8 47 | 0 39 | 0 37 | 1 14 | 21 19 | 3 39 | 8 35 | 9 13 | 0 8 | 5 39 | 2 47 |
| T 23 | 11 17 | 19 47 | 4 36 | 9 6 | 0 28 | 24 54 | 2 30 | 18 4 | 0 14 | 22 16 | 0 21 | 12 15 | 1 40 | 8 46 | 0 39 | 0 38 | 1 14 | 21 19 | 3 39 | 8 38 | 9 14 | 0 4 | 5 43 | 2 47 |
| W24 | 11 37 | 24 14 | 5 1 | 8 28 | 0 8 | 25 5 | 2 33 | 18 15 | 0 14 | 22 15 | 0 21 | 12 15 | 1 40 | 8 45 | 0 39 | 0 38 | 1 14 | 21 19 | 3 39 | 8 41 | 9 15 | 0 1 | 5 46 | 2 47 |
| T 25 | 11 58 | 27 4 | 5 6 | 7 54 | 0n12 | 25 15 | 2 35 | 18 27 | 0 15 | 22 14 | 0 21 | 12 16 | 1 40 | 8 44 | 0 39 | 0 39 | 1 14 | 21 19 | 3 40 | 8 44 | 9 17 | 0n 2 | 5 49 | 2 47 |
| F 26 | 12 19 | 28 9 | 4 53 | 7 24 | 0 30 | 25 25 | 2 38 | 18 38 | 0 15 | 22 13 | 0 21 | 12 16 | 1 40 | 8 44 | 0 39 | 0 40 | 1 14 | 21 19 | 3 40 | 8 47 | 9 18 | 0 6 | 5 52 | 2 47 |
| S 27 | 12 39 | 27 32 | 4 24 | 7 0 | 0 47 | 25 33 | 2 41 | 18 49 | 0 16 | 22 12 | 0 21 | 12 16 | 1 40 | 8 43 | 0 39 | 0 41 | 1 14 | 21 19 | 3 40 | 8 49 | 9 19 | 0 9 | 5 55 | 2 46 |
| S 28 | 12 59 | 25 26 | 3 43 | 6 41 | 1 2 | 25 42 | 2 44 | 19 0 | 0 16 | 22 11 | 0 21 | 12 17 | 1 40 | 8 42 | 0 39 | 0 41 | 1 14 | 21 19 | 3 40 | 8 50 | 9 20 | 0 13 | 5 58 | 2 46 |
| M29 | 13 19 | 22 9 | 2 52 | 6 29 | 1 16 | 25 49 | 2 46 | 19 11 | 0 17 | 22 10 | 0 21 | 12 17 | 1 40 | 8 41 | 0 39 | 0 42 | 1 14 | 21 19 | 3 40 | 8 50 | 9 21 | 0 16 | 6 1 | 2 46 |
| T 30 | 13 39 | 17 58 | 1 54 | 6 21 | 1 28 | 25 56 | 2 48 | 19 21 | 0 18 | 22 9 | 0 21 | 12 17 | 1 40 | 8 40 | 0 39 | 0 43 | 1 14 | 21 19 | 3 40 | 8 50 | 9 22 | 0 19 | 6 4 | 2 46 |
| W31 | 13s58 | 13s 9 | 0s52 | 6s20 | 1n39 | 26s 2 | 2s51 | 19s32 | 0s18 | 22s 7 | 0s21 | 12s17 | 1s40 | 8n39 | 0s39 | 0s44 | 1n14 | 21n19 | 3n41 | 8s50 | 9s24 | 0n23 | 6s 8 | 2s46 |

Julian Day Number = 2610698.5, Delta T = 10m25s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°49'57, Lahiri = 29°56'59


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## NOVEMBER 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 1 | 8♏27'43 | 9♓16 | 20♎39 | 24♐ 4 | 26♏49 | 20♑58 | 2°R 0 | 23°R51 | 4♎43 | 9♌43 | 7°R15 | 5♓40 | 26♓48 | 9♎12 | T 1 |
| F 2 | 2 44 58 | 9°27'29 | 21° 3 | 21°20 | 25°10 | 27°31 | 21° 6 | 2♓ 0 | 23♈49 | 4°45 | 9°43 | 7♓14 | 5°37 | 26°54 | 9°20 | F 2 |
| S 3 | 2 48 54 | 10°27'17 | 2♈52 | 22° 8 | 26°17 | 28°13 | 21°14 | 2° 0 | 23°47 | 4°47 | 9°44 | 7°11 | 5°34 | 27° 1 | 9°28 | S 3 |
| S 4 | 2 52 51 | 11°27'07 | 14°46 | 23° 4 | 27°23 | 28°55 | 21°23 | 1°59 | 23°45 | 4°49 | 9°44 | 7° 5 | 5°30 | 27° 8 | 9°36 | S 4 |
| M 5 | 2 56 48 | 12°26'58 | 26°48 | 24° 6 | 28°29 | 29°37 | 21°32 | 1°59 | 23°42 | 4°51 | 9°44 | 6°57 | 5°27 | 27°14 | 9°44 | M 5 |
| T 6 | 3 0 44 | 13°26'52 | 9♉ 0 | 25°14 | 29°34 | 0♐20 | 21°41 | 1°D59 | 23°40 | 4°53 | 9°44 | 6°46 | 5°24 | 27°21 | 9°52 | T 6 |
| W 7 | 3 4 41 | 14°26'47 | 21°24 | 26°27 | 0♑40 | 1° 2 | 21°50 | 1°59 | 23°38 | 4°54 | 9°44 | 6°33 | 5°21 | 27°28 | 10° 0 | W 7 |
| T 8 | 3 8 37 | 15°26'45 | 3♊59 | 27°45 | 1°45 | 1°44 | 21°59 | 2° 0 | 23°36 | 4°56 | 9°44 | 6°21 | 5°18 | 27°34 | 10° 8 | T 8 |
| F 9 | 3 12 34 | 16°26'44 | 16°45 | 29° 6 | 2°51 | 2°27 | 22° 8 | 2° 0 | 23°33 | 4°58 | 9°44 | 6° 9 | 5°15 | 27°41 | 10°15 | F 9 |
| S 10 | 3 16 30 | 17°26'46 | 29°43 | 0♏30 | 3°56 | 3°10 | 22°17 | 2° 0 | 23°31 | 5° 0 | 9°R44 | 5°59 | 5°11 | 27°48 | 10°23 | S 10 |
| S 11 | 3 20 27 | 18°26'49 | 12♋53 | 1°56 | 5° 0 | 3°52 | 22°27 | 2° 1 | 23°29 | 5° 2 | 9°44 | 5°52 | 5° 8 | 27°54 | 10°31 | S 11 |
| M12 | 3 24 23 | 19°26'55 | 26°14 | 3°25 | 6° 5 | 4°35 | 22°37 | 2° 1 | 23°27 | 5° 3 | 9°44 | 5°47 | 5° 5 | 28° 1 | 10°39 | M12 |
| T 13 | 3 28 20 | 20°27'02 | 9♌47 | 4°56 | 7° 9 | 5°18 | 22°46 | 2° 2 | 23°25 | 5° 5 | 9°44 | 5°45 | 5° 2 | 28° 8 | 10°46 | T 13 |
| W14 | 3 32 17 | 21°27'12 | 23°35 | 6°28 | 8°13 | 6° 0 | 22°56 | 2° 3 | 23°23 | 5° 7 | 9°44 | 5°D45 | 4°59 | 28°14 | 10°54 | W14 |
| T 15 | 3 36 13 | 22°27'23 | 7♍37 | 8° 1 | 9°17 | 6°43 | 23° 6 | 2° 4 | 23°21 | 5° 8 | 9°44 | 5°R45 | 4°56 | 28°21 | 11° 1 | T 15 |
| F 16 | 3 40 10 | 23°27'37 | 21°53 | 9°35 | 10°20 | 7°26 | 23°16 | 2° 5 | 23°19 | 5°10 | 9°44 | 5°44 | 4°52 | 28°28 | 11° 8 | F 16 |
| S 17 | 3 44 6 | 24°27'53 | 6♎21 | 11° 9 | 11°23 | 8° 9 | 23°26 | 2° 6 | 23°17 | 5°12 | 9°44 | 5°41 | 4°49 | 28°34 | 11°16 | S 17 |
| S 18 | 3 48 3 | 25°28'10 | 20°59 | 12°45 | 12°26 | 8°52 | 23°37 | 2° 7 | 23°15 | 5°13 | 9°43 | 5°36 | 4°46 | 28°41 | 11°23 | S 18 |
| M19 | 3 51 59 | 26°28'30 | 5♏40 | 14°20 | 13°29 | 9°35 | 23°47 | 2° 8 | 23°13 | 5°15 | 9°43 | 5°27 | 4°43 | 28°47 | 11°30 | M19 |
| T 20 | 3 55 56 | 27°28'52 | 20°18 | 15°56 | 14°31 | 10°18 | 23°58 | 2°10 | 23°11 | 5°16 | 9°43 | 5°16 | 4°40 | 28°54 | 11°38 | T 20 |
| W21 | 3 59 52 | 28°29'15 | 4♐44 | 17°32 | 15°33 | 11° 2 | 24° 8 | 2°11 | 23° 9 | 5°18 | 9°43 | 5° 4 | 4°36 | 29° 1 | 11°45 | W21 |
| T 22 | 4 3 49 | 29°29'40 | 18°52 | 19° 8 | 16°35 | 11°45 | 24°19 | 2°13 | 23° 7 | 5°19 | 9°42 | 4°52 | 4°33 | 29° 7 | 11°52 | T 22 |
| F 23 | 4 7 46 | 0♐30'06 | 2♑37 | 20°45 | 17°36 | 12°28 | 24°30 | 2°15 | 23° 6 | 5°21 | 9°42 | 4°41 | 4°30 | 29°14 | 11°59 | F 23 |
| S 24 | 4 11 42 | 1°30'34 | 15°56 | 22°21 | 18°37 | 13°12 | 24°41 | 2°17 | 23° 4 | 5°22 | 9°42 | 4°32 | 4°27 | 29°21 | 12° 6 | S 24 |
| S 25 | 4 15 39 | 2°31'03 | 28°49 | 23°57 | 19°38 | 13°55 | 24°52 | 2°19 | 23° 2 | 5°23 | 9°41 | 4°26 | 4°24 | 29°27 | 12°12 | S 25 |
| M26 | 4 19 35 | 3°31'34 | 11♒20 | 25°33 | 20°38 | 14°39 | 25° 3 | 2°21 | 23° 0 | 5°25 | 9°41 | 4°22 | 4°21 | 29°34 | 12°19 | M26 |
| T 27 | 4 23 32 | 4°32'05 | 23°33 | 27° 9 | 21°38 | 15°22 | 25°14 | 2°23 | 22°59 | 5°26 | 9°41 | 4°21 | 4°17 | 29°41 | 12°26 | T 27 |
| W28 | 4 27 28 | 5°32'38 | 5♓31 | 28°44 | 22°38 | 16° 6 | 25°25 | 2°25 | 22°57 | 5°28 | 9°40 | 4°21 | 4°14 | 29°47 | 12°33 | W28 |
| T 29 | 4 31 25 | 6°33'12 | 17°21 | 0♐20 | 23°37 | 16°50 | 25°37 | 2°27 | 22°56 | 5°29 | 9°40 | 4°21 | 4°11 | 29°54 | 12°39 | T 29 |
| F 30 | 4 35 21 | 7♐33'47 | 29♓ 9 | 1♐55 | 24♑35 | 17♐33 | 25♑48 | 2♓30 | 22♈54 | 5♎30 | 9♌39 | 4♓19 | 4♓ 8 | 0♈ 1 | 12♎46 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s18 | 7s55 | 0n11 | 6s23 | 1n47 | 26s 8 | 2s53 | 19s42 | 0s19 | 22s 6 | 0s21 | 12s17 | 1s40 | 8n38 | 0s38 | 0s44 | 1n14 | 21n19 | 3n41 | 8s50 | 9s25 | 0n26 | 6s11 | 2s46 |
| F 2 | 14 37 | 2 25 | 1 13 | 6 32 | 1 55 | 26 13 | 2 55 | 19 52 | 0 19 | 22 5 | 0 21 | 12 17 | 1 39 | 8 38 | 0 38 | 0 45 | 1 14 | 21 19 | 3 41 | 8 50 | 9 26 | 0 29 | 6 14 | 2 46 |
| S 3 | 14 55 | 3n10 | 2 12 | 6 44 | 2 0 | 26 17 | 2 57 | 20 3 | 0 20 | 22 4 | 0 21 | 12 17 | 1 39 | 8 37 | 0 38 | 0 46 | 1 14 | 21 19 | 3 41 | 8 51 | 9 27 | 0 33 | 6 17 | 2 45 |
| S 4 | 15 14 | 8 40 | 3 6 | 7 1 | 2 4 | 26 21 | 2 59 | 20 12 | 0 21 | 22 2 | 0 21 | 12 17 | 1 39 | 8 36 | 0 38 | 0 47 | 1 14 | 21 19 | 3 41 | 8 53 | 9 28 | 0 36 | 6 20 | 2 45 |
| M 5 | 15 32 | 13 55 | 3 52 | 7 21 | 2 7 | 26 24 | 3 1 | 20 22 | 0 21 | 22 1 | 0 21 | 12 17 | 1 39 | 8 35 | 0 38 | 0 47 | 1 14 | 21 20 | 3 41 | 8 57 | 9 29 | 0 40 | 6 23 | 2 45 |
| T 6 | 15 50 | 18 41 | 4 28 | 7 44 | 2 9 | 26 26 | 3 3 | 20 32 | 0 22 | 22 0 | 0 21 | 12 17 | 1 39 | 8 34 | 0 38 | 0 48 | 1 14 | 21 20 | 3 42 | 9 1 | 9 31 | 0 43 | 6 26 | 2 45 |
| W 7 | 16 8 | 22 45 | 4 51 | 8 10 | 2 10 | 26 28 | 3 5 | 20 41 | 0 22 | 21 58 | 0 21 | 12 17 | 1 39 | 8 34 | 0 38 | 0 49 | 1 14 | 21 20 | 3 42 | 9 5 | 9 32 | 0 46 | 6 29 | 2 45 |
| T 8 | 16 26 | 25 50 | 5 1 | 8 38 | 2 9 | 26 29 | 3 6 | 20 50 | 0 23 | 21 57 | 0 21 | 12 17 | 1 39 | 8 33 | 0 38 | 0 49 | 1 14 | 21 20 | 3 42 | 9 10 | 9 33 | 0 50 | 6 32 | 2 45 |
| F 9 | 16 43 | 27 39 | 4 57 | 9 8 | 2 8 | 26 29 | 3 8 | 20 59 | 0 23 | 21 56 | 0 22 | 12 17 | 1 39 | 8 32 | 0 38 | 0 50 | 1 14 | 21 20 | 3 42 | 9 14 | 9 34 | 0 53 | 6 35 | 2 45 |
| S 10 | 17 0 | 28 0 | 4 37 | 9 39 | 2 6 | 26 29 | 3 9 | 21 8 | 0 24 | 21 54 | 0 22 | 12 16 | 1 39 | 8 31 | 0 38 | 0 51 | 1 14 | 21 20 | 3 42 | 9 18 | 9 35 | 0 57 | 6 38 | 2 45 |
| S 11 | 17 17 | 26 46 | 4 2 | 10 11 | 2 3 | 26 28 | 3 10 | 21 17 | 0 25 | 21 53 | 0 22 | 12 16 | 1 39 | 8 30 | 0 38 | 0 51 | 1 14 | 21 20 | 3 42 | 9 20 | 9 36 | 1 0 | 6 40 | 2 44 |
| M12 | 17 33 | 24 1 | 3 13 | 10 45 | 2 0 | 26 26 | 3 12 | 21 25 | 0 25 | 21 51 | 0 22 | 12 16 | 1 38 | 8 30 | 0 38 | 0 52 | 1 14 | 21 21 | 3 43 | 9 22 | 9 38 | 1 3 | 6 43 | 2 44 |
| T 13 | 17 49 | 19 53 | 2 13 | 11 19 | 1 56 | 26 24 | 3 12 | 21 33 | 0 26 | 21 49 | 0 22 | 12 15 | 1 38 | 8 29 | 0 38 | 0 53 | 1 14 | 21 21 | 3 43 | 9 23 | 9 39 | 1 7 | 6 46 | 2 44 |
| W14 | 18 5 | 14 38 | 1 4 | 11 53 | 1 52 | 26 21 | 3 13 | 21 41 | 0 26 | 21 48 | 0 22 | 12 15 | 1 38 | 8 28 | 0 38 | 0 53 | 1 14 | 21 21 | 3 43 | 9 23 | 9 40 | 1 10 | 6 49 | 2 44 |
| T 15 | 18 21 | 8 33 | 0s10 | 12 28 | 1 47 | 26 17 | 3 14 | 21 49 | 0 27 | 21 46 | 0 22 | 12 15 | 1 38 | 8 27 | 0 38 | 0 54 | 1 14 | 21 21 | 3 43 | 9 23 | 9 41 | 1 14 | 6 52 | 2 44 |
| F 16 | 18 36 | 1 55 | 1 24 | 13 3 | 1 41 | 26 13 | 3 15 | 21 57 | 0 27 | 21 45 | 0 22 | 12 14 | 1 38 | 8 27 | 0 38 | 0 54 | 1 14 | 21 21 | 3 43 | 9 23 | 9 42 | 1 17 | 6 55 | 2 44 |
| S 17 | 18 51 | 4s53 | 2 34 | 13 37 | 1 36 | 26 8 | 3 15 | 22 5 | 0 28 | 21 43 | 0 22 | 12 14 | 1 38 | 8 26 | 0 38 | 0 55 | 1 15 | 21 22 | 3 43 | 9 24 | 9 43 | 1 20 | 6 58 | 2 44 |
| S 18 | 19 5 | 11 29 | 3 35 | 14 12 | 1 30 | 26 3 | 3 15 | 22 12 | 0 28 | 21 41 | 0 22 | 12 13 | 1 38 | 8 25 | 0 38 | 0 56 | 1 15 | 21 22 | 3 44 | 9 26 | 9 44 | 1 24 | 7 0 | 2 44 |
| M19 | 19 19 | 17 29 | 4 21 | 14 46 | 1 24 | 25 57 | 3 16 | 22 19 | 0 29 | 21 39 | 0 22 | 12 13 | 1 38 | 8 25 | 0 38 | 0 56 | 1 15 | 21 22 | 3 44 | 9 30 | 9 46 | 1 27 | 7 3 | 2 44 |
| T 20 | 19 33 | 22 26 | 4 50 | 15 20 | 1 18 | 25 50 | 3 16 | 22 26 | 0 30 | 21 38 | 0 22 | 12 12 | 1 38 | 8 24 | 0 38 | 0 57 | 1 15 | 21 22 | 3 44 | 9 34 | 9 47 | 1 30 | 7 6 | 2 44 |
| W21 | 19 47 | 25 57 | 5 0 | 15 53 | 1 11 | 25 43 | 3 15 | 22 33 | 0 30 | 21 36 | 0 22 | 12 11 | 1 37 | 8 23 | 0 38 | 0 57 | 1 15 | 21 22 | 3 44 | 9 38 | 9 48 | 1 34 | 7 9 | 2 43 |
| T 22 | 20 0 | 27 46 | 4 52 | 16 26 | 1 5 | 25 35 | 3 15 | 22 39 | 0 31 | 21 34 | 0 22 | 12 11 | 1 37 | 8 23 | 0 38 | 0 58 | 1 15 | 21 23 | 3 44 | 9 42 | 9 49 | 1 37 | 7 11 | 2 43 |
| F 23 | 20 13 | 27 47 | 4 26 | 16 58 | 0 58 | 25 27 | 3 15 | 22 45 | 0 31 | 21 32 | 0 22 | 12 10 | 1 37 | 8 22 | 0 38 | 0 58 | 1 15 | 21 23 | 3 44 | 9 46 | 9 50 | 1 41 | 7 14 | 2 43 |
| S 24 | 20 25 | 26 11 | 3 46 | 17 29 | 0 51 | 25 18 | 3 14 | 22 51 | 0 32 | 21 30 | 0 22 | 12 9 | 1 37 | 8 21 | 0 38 | 0 59 | 1 15 | 21 23 | 3 45 | 9 50 | 9 51 | 1 44 | 7 16 | 2 43 |
| S 25 | 20 37 | 23 13 | 2 56 | 18 0 | 0 44 | 25 8 | 3 13 | 22 57 | 0 32 | 21 28 | 0 22 | 12 8 | 1 37 | 8 21 | 0 38 | 0 59 | 1 15 | 21 23 | 3 45 | 9 52 | 9 53 | 1 47 | 7 19 | 2 43 |
| M26 | 20 49 | 19 14 | 1 59 | 18 30 | 0 37 | 24 58 | 3 12 | 23 3 | 0 33 | 21 26 | 0 22 | 12 8 | 1 37 | 8 20 | 0 38 | 1 0 | 1 15 | 21 24 | 3 45 | 9 53 | 9 54 | 1 51 | 7 22 | 2 43 |
| T 27 | 21 0 | 14 32 | 0 57 | 18 59 | 0 30 | 24 48 | 3 11 | 23 8 | 0 33 | 21 24 | 0 22 | 12 7 | 1 37 | 8 20 | 0 38 | 1 0 | 1 15 | 21 24 | 3 45 | 9 54 | 9 55 | 1 54 | 7 24 | 2 43 |
| W28 | 21 11 | 9 22 | 0n 6 | 19 27 | 0 23 | 24 37 | 3 10 | 23 13 | 0 34 | 21 22 | 0 22 | 12 6 | 1 37 | 8 19 | 0 38 | 1 1 | 1 15 | 21 24 | 3 45 | 9 54 | 9 56 | 1 58 | 7 27 | 2 43 |
| T 29 | 21 21 | 3 56 | 1 8 | 19 54 | 0 17 | 24 25 | 3 8 | 23 18 | 0 34 | 21 20 | 0 22 | 12 5 | 1 37 | 8 18 | 0 38 | 1 1 | 1 15 | 21 25 | 3 45 | 9 54 | 9 57 | 2 1 | 7 29 | 2 43 |
| F 30 | 21s31 | 1n37 | 2n 7 | 20s21 | 0n10 | 24s13 | 3s 7 | 23s23 | 0s35 | 21s18 | 0s23 | 12s 4 | 1s37 | 8n18 | 0s38 | 1s 2 | 1n15 | 21n25 | 3n46 | 9s54 | 9s58 | 2n 4 | 7s32 | 2s43 |

Julian Day Number = 2610729.5, Delta T = 10m25s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'02, Lahiri = 29°57'03


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# ASTRODIENST EPHEMERIS for the year 2435
# geocentric

## DECEMBER 2435 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 39 18 | 8♐34'24 | 11♈ 0 | 3♐31 | 25♑33 | 18♐17 | 26♑ 0 | 2♓32 | 22°R53 | 5♎31 | 9°R39 | 4°R16 | 4♓ 5 | 0♈ 7 | 12♎52 | S 1 |
| S 2 | 4 43 15 | 9°35'01 | 22°57 | 5° 6 | 26°31 | 19° 1 | 26°11 | 2°35 | 22♈51 | 5°33 | 9♌38 | 4♓ 9 | 4° 2 | 0°14 | 12°58 | S 2 |
| M 3 | 4 47 11 | 10°35'40 | 5♉ 6 | 6°41 | 27°28 | 19°45 | 26°23 | 2°37 | 22°50 | 5°34 | 9°38 | 4° 0 | 3°58 | 0°21 | 13° 5 | M 3 |
| T 4 | 4 51 8 | 11°36'20 | 17°29 | 8°15 | 28°25 | 20°29 | 26°35 | 2°40 | 22°48 | 5°35 | 9°37 | 3°49 | 3°55 | 0°27 | 13°11 | T 4 |
| W 5 | 4 55 4 | 12°37'02 | 0♊ 7 | 9°50 | 29°21 | 21°13 | 26°47 | 2°43 | 22°47 | 5°36 | 9°36 | 3°36 | 3°52 | 0°34 | 13°17 | W 5 |
| T 6 | 4 59 1 | 13°37'44 | 13° 1 | 11°25 | 0♒16 | 21°57 | 26°59 | 2°46 | 22°46 | 5°37 | 9°36 | 3°22 | 3°49 | 0°41 | 13°23 | T 6 |
| F 7 | 5 2 57 | 14°38'28 | 26° 9 | 12°59 | 1°11 | 22°41 | 27°11 | 2°49 | 22°44 | 5°38 | 9°35 | 3° 9 | 3°46 | 0°47 | 13°29 | F 7 |
| S 8 | 5 6 54 | 15°39'13 | 9♋30 | 14°34 | 2° 5 | 23°25 | 27°23 | 2°52 | 22°43 | 5°39 | 9°34 | 2°58 | 3°42 | 0°54 | 13°35 | S 8 |
| S 9 | 5 10 51 | 16°39'59 | 23° 1 | 16° 8 | 2°59 | 24° 9 | 27°35 | 2°56 | 22°42 | 5°40 | 9°34 | 2°50 | 3°39 | 1° 1 | 13°40 | S 9 |
| M10 | 5 14 47 | 17°40'47 | 6♌42 | 17°42 | 3°52 | 24°53 | 27°48 | 2°59 | 22°41 | 5°41 | 9°33 | 2°45 | 3°36 | 1° 7 | 13°46 | M10 |
| T 11 | 5 18 44 | 18°41'36 | 20°30 | 19°16 | 4°44 | 25°38 | 28° 0 | 3° 2 | 22°40 | 5°42 | 9°32 | 2°42 | 3°33 | 1°14 | 13°52 | T 11 |
| W12 | 5 22 40 | 19°42'27 | 4♍24 | 20°51 | 5°35 | 26°22 | 28°13 | 3° 6 | 22°39 | 5°43 | 9°31 | 2°D42 | 3°30 | 1°21 | 13°57 | W12 |
| T 13 | 5 26 37 | 20°43'18 | 18°24 | 22°25 | 6°26 | 27° 7 | 28°25 | 3°10 | 22°38 | 5°44 | 9°31 | 2°R42 | 3°27 | 1°27 | 14° 3 | T 13 |
| F 14 | 5 30 33 | 21°44'12 | 2♎30 | 23°59 | 7°16 | 27°51 | 28°38 | 3°13 | 22°37 | 5°45 | 9°30 | 2°42 | 3°23 | 1°34 | 14° 8 | F 14 |
| S 15 | 5 34 30 | 22°45'06 | 16°41 | 25°33 | 8° 6 | 28°36 | 28°50 | 3°17 | 22°36 | 5°45 | 9°29 | 2°39 | 3°20 | 1°41 | 14°13 | S 15 |
| S 16 | 5 38 26 | 23°46'02 | 0♏55 | 27° 7 | 8°54 | 29°20 | 29° 3 | 3°21 | 22°35 | 5°46 | 9°28 | 2°35 | 3°17 | 1°47 | 14°18 | S 16 |
| M17 | 5 42 23 | 24°46'59 | 15° 9 | 28°41 | 9°41 | 0♑ 5 | 29°16 | 3°25 | 22°35 | 5°47 | 9°27 | 2°27 | 3°14 | 1°54 | 14°23 | M17 |
| T 18 | 5 46 20 | 25°47'57 | 29°19 | 0♑16 | 10°28 | 0°50 | 29°29 | 3°29 | 22°34 | 5°48 | 9°26 | 2°17 | 3°11 | 2° 1 | 14°28 | T 18 |
| W19 | 5 50 16 | 26°48'56 | 13♐20 | 1°50 | 11°14 | 1°34 | 29°42 | 3°33 | 22°33 | 5°48 | 9°25 | 2° 6 | 3° 8 | 2° 7 | 14°33 | W19 |
| T 20 | 5 54 13 | 27°49'56 | 27° 7 | 3°25 | 11°59 | 2°19 | 29°55 | 3°37 | 22°33 | 5°49 | 9°25 | 1°55 | 3° 4 | 2°14 | 14°38 | T 20 |
| F 21 | 5 58 9 | 28°50'57 | 10♑37 | 4°59 | 12°42 | 3° 4 | 0♒ 8 | 3°42 | 22°32 | 5°50 | 9°24 | 1°45 | 3° 1 | 2°21 | 14°43 | F 21 |
| S 22 | 6 2 6 | 29°51'59 | 23°47 | 6°34 | 13°25 | 3°49 | 0°21 | 3°46 | 22°31 | 5°50 | 9°23 | 1°36 | 2°58 | 2°27 | 14°47 | S 22 |
| S 23 | 6 6 2 | 0♑53'01 | 6♒36 | 8° 8 | 14° 6 | 4°34 | 0°34 | 3°51 | 22°31 | 5°51 | 9°22 | 1°31 | 2°55 | 2°34 | 14°52 | S 23 |
| M24 | 6 9 59 | 1°54'04 | 19° 5 | 9°43 | 14°47 | 5°19 | 0°47 | 3°55 | 22°31 | 5°51 | 9°21 | 1°28 | 2°52 | 2°41 | 14°56 | M24 |
| T 25 | 6 13 55 | 2°55'07 | 1♓18 | 11°18 | 15°26 | 6° 4 | 1° 0 | 4° 0 | 22°30 | 5°52 | 9°20 | 1°D27 | 2°48 | 2°47 | 15° 0 | T 25 |
| W26 | 6 17 52 | 3°56'11 | 13°17 | 12°53 | 16° 4 | 6°49 | 1°14 | 4° 4 | 22°30 | 5°52 | 9°19 | 1°27 | 2°45 | 2°54 | 15° 4 | W26 |
| T 27 | 6 21 49 | 4°57'15 | 25° 9 | 14°28 | 16°40 | 7°34 | 1°27 | 4° 9 | 22°30 | 5°53 | 9°17 | 1°28 | 2°42 | 3° 1 | 15° 8 | T 27 |
| F 28 | 6 25 45 | 5°58'19 | 6♈57 | 16° 3 | 17°16 | 8°19 | 1°40 | 4°14 | 22°29 | 5°53 | 9°16 | 1°R29 | 2°39 | 3° 7 | 15°12 | F 28 |
| S 29 | 6 29 42 | 6°59'23 | 18°48 | 17°38 | 17°49 | 9° 5 | 1°54 | 4°19 | 22°29 | 5°53 | 9°15 | 1°28 | 2°36 | 3°14 | 15°16 | S 29 |
| S 30 | 6 33 38 | 8° 0'28 | 0♉47 | 19°13 | 18°22 | 9°50 | 2° 7 | 4°24 | 22°29 | 5°54 | 9°14 | 1°25 | 2°33 | 3°21 | 15°20 | S 30 |
| M31 | 6 37 35 | 9♑ 1'33 | 12♉59 | 20♑48 | 18♒52 | 10♑35 | 2♒21 | 4♓29 | 22♈29 | 5♎54 | 9♌13 | 1♓20 | 2♓29 | 3♈27 | 15♎23 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s41 | 7n 7 | 3n 1 | 20s46 | 0n 3 | 24s 0 | 3s 5 | 23s27 | 0s35 | 21s16 | 0s23 | 12s 3 | 1s36 | 8n17 | 0s38 | 1s 2 | 1n15 | 21n25 | 3n46 | 9s55 | 10s 0 | 2n 8 | 7s34 | 2s43 |
| S 2 | 21 50 | 12 25 | 3 47 | 21 10 | 0s 4 | 23 47 | 3 3 | 23 32 | 0 36 | 21 14 | 0 23 | 12 2 | 1 36 | 8 17 | 0 38 | 1 3 | 1 15 | 21 25 | 3 46 | 9 58 | 10 1 | 2 11 | 7 37 | 2 43 |
| M 3 | 21 59 | 17 20 | 4 23 | 21 33 | 0 11 | 23 34 | 3 0 | 23 36 | 0 36 | 21 12 | 0 23 | 12 1 | 1 36 | 8 16 | 0 38 | 1 3 | 1 15 | 21 26 | 3 46 | 10 1 | 10 2 | 2 14 | 7 39 | 2 43 |
| T 4 | 22 7 | 21 37 | 4 48 | 21 55 | 0 18 | 23 20 | 2 58 | 23 40 | 0 37 | 21 10 | 0 23 | 12 0 | 1 36 | 8 16 | 0 38 | 1 4 | 1 15 | 21 26 | 3 46 | 10 5 | 10 3 | 2 18 | 7 41 | 2 43 |
| W 5 | 22 15 | 25 0 | 5 0 | 22 16 | 0 24 | 23 6 | 2 55 | 23 43 | 0 37 | 21 7 | 0 23 | 11 59 | 1 36 | 8 15 | 0 38 | 1 4 | 1 15 | 21 26 | 3 46 | 10 10 | 10 4 | 2 21 | 7 44 | 2 43 |
| T 6 | 22 23 | 27 12 | 4 56 | 22 36 | 0 31 | 22 51 | 2 52 | 23 46 | 0 38 | 21 5 | 0 23 | 11 57 | 1 36 | 8 15 | 0 38 | 1 4 | 1 15 | 21 27 | 3 46 | 10 15 | 10 5 | 2 24 | 7 46 | 2 43 |
| F 7 | 22 30 | 27 56 | 4 37 | 22 55 | 0 37 | 22 36 | 2 49 | 23 49 | 0 38 | 21 3 | 0 23 | 11 56 | 1 36 | 8 15 | 0 38 | 1 5 | 1 15 | 21 27 | 3 47 | 10 20 | 10 6 | 2 28 | 7 48 | 2 43 |
| S 8 | 22 37 | 27 4 | 4 2 | 23 13 | 0 43 | 22 21 | 2 46 | 23 52 | 0 39 | 21 1 | 0 23 | 11 55 | 1 36 | 8 14 | 0 38 | 1 5 | 1 15 | 21 27 | 3 47 | 10 24 | 10 8 | 2 31 | 7 51 | 2 43 |
| S 9 | 22 43 | 24 36 | 3 13 | 23 29 | 0 50 | 22 5 | 2 42 | 23 55 | 0 39 | 20 58 | 0 23 | 11 54 | 1 36 | 8 14 | 0 38 | 1 5 | 1 15 | 21 28 | 3 47 | 10 26 | 10 9 | 2 35 | 7 53 | 2 42 |
| M10 | 22 49 | 20 42 | 2 13 | 23 45 | 0 56 | 21 49 | 2 38 | 23 57 | 0 40 | 20 56 | 0 23 | 11 52 | 1 36 | 8 13 | 0 38 | 1 6 | 1 16 | 21 28 | 3 47 | 10 28 | 10 10 | 2 38 | 7 55 | 2 42 |
| T 11 | 22 54 | 15 38 | 1 4 | 23 59 | 1 2 | 21 32 | 2 34 | 23 59 | 0 40 | 20 54 | 0 23 | 11 51 | 1 35 | 8 13 | 0 37 | 1 6 | 1 16 | 21 28 | 3 47 | 10 29 | 10 11 | 2 41 | 7 57 | 2 42 |
| W12 | 22 59 | 9 44 | 0s 9 | 24 11 | 1 7 | 21 15 | 2 30 | 24 1 | 0 41 | 20 51 | 0 23 | 11 50 | 1 35 | 8 13 | 0 37 | 1 6 | 1 16 | 21 29 | 3 47 | 10 29 | 10 12 | 2 45 | 7 59 | 2 42 |
| T 13 | 23 4 | 3 19 | 1 22 | 24 23 | 1 13 | 20 58 | 2 26 | 24 3 | 0 41 | 20 49 | 0 23 | 11 48 | 1 35 | 8 12 | 0 37 | 1 7 | 1 16 | 21 29 | 3 48 | 10 29 | 10 13 | 2 48 | 8 1 | 2 42 |
| F 14 | 23 8 | 3s18 | 2 31 | 24 33 | 1 18 | 20 41 | 2 21 | 24 4 | 0 42 | 20 46 | 0 23 | 11 47 | 1 35 | 8 12 | 0 37 | 1 7 | 1 16 | 21 29 | 3 48 | 10 29 | 10 14 | 2 51 | 8 3 | 2 42 |
| S 15 | 23 11 | 9 47 | 3 31 | 24 42 | 1 24 | 20 23 | 2 16 | 24 5 | 0 42 | 20 44 | 0 23 | 11 45 | 1 35 | 8 12 | 0 37 | 1 7 | 1 16 | 21 30 | 3 48 | 10 30 | 10 16 | 2 55 | 8 5 | 2 42 |
| S 16 | 23 14 | 15 47 | 4 18 | 24 50 | 1 29 | 20 6 | 2 11 | 24 6 | 0 43 | 20 41 | 0 23 | 11 44 | 1 35 | 8 12 | 0 37 | 1 8 | 1 16 | 21 30 | 3 48 | 10 32 | 10 17 | 2 58 | 8 7 | 2 42 |
| M17 | 23 17 | 20 57 | 4 49 | 24 56 | 1 33 | 19 48 | 2 5 | 24 6 | 0 43 | 20 38 | 0 23 | 11 42 | 1 35 | 8 11 | 0 37 | 1 8 | 1 16 | 21 31 | 3 48 | 10 35 | 10 18 | 3 1 | 8 9 | 2 42 |
| T 18 | 23 19 | 24 52 | 5 2 | 25 1 | 1 38 | 19 29 | 1 59 | 24 7 | 0 44 | 20 36 | 0 24 | 11 41 | 1 35 | 8 11 | 0 37 | 1 8 | 1 16 | 21 31 | 3 48 | 10 38 | 10 19 | 3 5 | 8 11 | 2 42 |
| W19 | 23 21 | 27 15 | 4 57 | 25 5 | 1 42 | 19 11 | 1 53 | 24 7 | 0 44 | 20 33 | 0 24 | 11 39 | 1 35 | 8 11 | 0 37 | 1 8 | 1 16 | 21 31 | 3 48 | 10 42 | 10 20 | 3 8 | 8 13 | 2 42 |
| T 20 | 23 22 | 27 55 | 4 34 | 25 7 | 1 47 | 18 52 | 1 47 | 24 7 | 0 45 | 20 30 | 0 24 | 11 38 | 1 35 | 8 11 | 0 37 | 1 8 | 1 16 | 21 32 | 3 49 | 10 46 | 10 21 | 3 12 | 8 15 | 2 42 |
| F 21 | 23 23 | 26 53 | 3 57 | 25 8 | 1 51 | 18 34 | 1 40 | 24 6 | 0 45 | 20 28 | 0 24 | 11 36 | 1 35 | 8 10 | 0 37 | 1 9 | 1 16 | 21 32 | 3 49 | 10 50 | 10 22 | 3 15 | 8 17 | 2 42 |
| S 22 | 23 23 | 24 22 | 3 7 | 25 7 | 1 54 | 18 15 | 1 33 | 24 5 | 0 46 | 20 25 | 0 24 | 11 34 | 1 34 | 8 10 | 0 37 | 1 9 | 1 16 | 21 32 | 3 49 | 10 53 | 10 24 | 3 18 | 8 18 | 2 42 |
| S 23 | 23 23 | 20 39 | 2 9 | 25 5 | 1 57 | 17 56 | 1 26 | 24 4 | 0 46 | 20 22 | 0 24 | 11 33 | 1 34 | 8 10 | 0 37 | 1 9 | 1 16 | 21 33 | 3 49 | 10 55 | 10 25 | 3 22 | 8 20 | 2 42 |
| M24 | 23 22 | 16 6 | 1 6 | 25 2 | 2 1 | 17 37 | 1 19 | 24 3 | 0 47 | 20 19 | 0 24 | 11 31 | 1 34 | 8 10 | 0 37 | 1 9 | 1 16 | 21 33 | 3 49 | 10 56 | 10 26 | 3 25 | 8 22 | 2 42 |
| T 25 | 23 21 | 11 0 | 0 1 | 24 57 | 2 3 | 17 18 | 1 11 | 24 2 | 0 47 | 20 17 | 0 24 | 11 29 | 1 34 | 8 10 | 0 37 | 1 9 | 1 16 | 21 34 | 3 49 | 10 56 | 10 27 | 3 28 | 8 23 | 2 42 |
| W26 | 23 20 | 5 35 | 1n 3 | 24 51 | 2 6 | 16 59 | 1 3 | 24 0 | 0 47 | 20 14 | 0 24 | 11 27 | 1 34 | 8 10 | 0 37 | 1 9 | 1 16 | 21 34 | 3 49 | 10 56 | 10 28 | 3 32 | 8 25 | 2 42 |
| T 27 | 23 18 | 0 2 | 2 4 | 24 43 | 2 8 | 16 40 | 0 54 | 23 58 | 0 48 | 20 11 | 0 24 | 11 26 | 1 34 | 8 10 | 0 37 | 1 10 | 1 16 | 21 34 | 3 49 | 10 56 | 10 29 | 3 35 | 8 27 | 2 42 |
| F 28 | 23 15 | 5n29 | 2 59 | 24 34 | 2 10 | 16 21 | 0 45 | 23 56 | 0 48 | 20 8 | 0 24 | 11 24 | 1 34 | 8 10 | 0 37 | 1 10 | 1 16 | 21 35 | 3 50 | 10 55 | 10 30 | 3 38 | 8 28 | 2 42 |
| S 29 | 23 12 | 10 50 | 3 46 | 24 23 | 2 11 | 16 2 | 0 36 | 23 53 | 0 49 | 20 5 | 0 24 | 11 22 | 1 34 | 8 10 | 0 37 | 1 10 | 1 16 | 21 35 | 3 50 | 10 56 | 10 32 | 3 42 | 8 30 | 2 42 |
| S 30 | 23 9 | 15 51 | 4 24 | 24 11 | 2 12 | 15 43 | 0 27 | 23 50 | 0 49 | 20 2 | 0 24 | 11 20 | 1 34 | 8 10 | 0 37 | 1 10 | 1 17 | 21 36 | 3 50 | 10 57 | 10 33 | 3 45 | 8 31 | 2 42 |
| M31 | 23s 5 | 20n19 | 4n51 | 23s57 | 2s12 | 15s24 | 0s17 | 23s47 | 0s50 | 19s59 | 0s24 | 11s18 | 1s34 | 8n10 | 0s37 | 1s10 | 1n17 | 21n36 | 3n50 | 10s59 | 10s34 | 3n48 | 8s32 | 2s42 |

Julian Day Number = 2610759.5, Delta T = 10m25s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'06, Lahiri = 29°57'07


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## JANUARY 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 41 31 | 10♑ 2'38 | 25♉27 | 22♑23 | 19♒21 | 11♑21 | 2♒34 | 4♓34 | 22°D29 | 5♎54 | 9°R12 | 1°R13 | 2♓26 | 3♈34 | 15♎27 | T 1 |
| W 2 | 6 45 28 | 11° 3'44 | 8♊14 | 23°58 | 19°49 | 12° 6 | 2°48 | 4°39 | 22♈29 | 5°54 | 9♌11 | 1♓ 4 | 2°23 | 3°41 | 15°30 | W 2 |
| T 3 | 6 49 24 | 12° 4'49 | 21°21 | 25°32 | 20°15 | 12°51 | 3° 2 | 4°45 | 22°29 | 5°54 | 9°10 | 0°55 | 2°20 | 3°47 | 15°34 | T 3 |
| F 4 | 6 53 21 | 13° 5'55 | 4♋48 | 27° 6 | 20°39 | 13°37 | 3°15 | 4°50 | 22°29 | 5°55 | 9° 8 | 0°46 | 2°17 | 3°54 | 15°37 | F 4 |
| S 5 | 6 57 18 | 14° 7'01 | 18°32 | 28°40 | 21° 1 | 14°22 | 3°29 | 4°55 | 22°29 | 5°55 | 9° 7 | 0°39 | 2°14 | 4° 1 | 15°40 | S 5 |
| S 6 | 7 1 14 | 15° 8'07 | 2♌30 | 0♒13 | 21°21 | 15° 8 | 3°43 | 5° 1 | 22°30 | 5°55 | 9° 6 | 0°33 | 2°10 | 4° 7 | 15°43 | S 6 |
| M 7 | 7 5 11 | 16° 9'14 | 16°38 | 1°46 | 21°39 | 15°54 | 3°57 | 5° 6 | 22°30 | 5°R55 | 9° 5 | 0°30 | 2° 7 | 4°14 | 15°46 | M 7 |
| T 8 | 7 9 7 | 17°10'21 | 0♍51 | 3°17 | 21°55 | 16°39 | 4°10 | 5°12 | 22°30 | 5°55 | 9° 4 | 0°D30 | 2° 4 | 4°21 | 15°48 | T 8 |
| W 9 | 7 13 4 | 18°11'28 | 15° 6 | 4°47 | 22° 9 | 17°25 | 4°24 | 5°18 | 22°31 | 5°55 | 9° 2 | 0°30 | 2° 1 | 4°27 | 15°51 | W 9 |
| T 10 | 7 17 0 | 19°12'35 | 29°20 | 6°16 | 22°20 | 18°11 | 4°38 | 5°23 | 22°31 | 5°55 | 9° 1 | 0°32 | 1°58 | 4°34 | 15°53 | T 10 |
| F 11 | 7 20 57 | 20°13'43 | 13♎31 | 7°43 | 22°30 | 18°57 | 4°52 | 5°29 | 22°32 | 5°54 | 9° 0 | 0°33 | 1°54 | 4°41 | 15°56 | F 11 |
| S 12 | 7 24 53 | 21°14'51 | 27°37 | 9° 8 | 22°37 | 19°42 | 5° 6 | 5°35 | 22°32 | 5°54 | 8°59 | 0°R33 | 1°51 | 4°47 | 15°58 | S 12 |
| S 13 | 7 28 50 | 22°16'00 | 11♏36 | 10°30 | 22°42 | 20°28 | 5°20 | 5°41 | 22°33 | 5°54 | 8°57 | 0°31 | 1°48 | 4°54 | 16° 0 | S 13 |
| M14 | 7 32 47 | 23°17'08 | 25°29 | 11°49 | 22°45 | 21°14 | 5°34 | 5°47 | 22°33 | 5°54 | 8°56 | 0°28 | 1°45 | 5° 1 | 16° 2 | M14 |
| T 15 | 7 36 43 | 24°18'17 | 9♐12 | 13° 5 | 22°R45 | 22° 0 | 5°48 | 5°53 | 22°34 | 5°54 | 8°55 | 0°23 | 1°42 | 5° 7 | 16° 4 | T 15 |
| W16 | 7 40 40 | 25°19'26 | 22°45 | 14°17 | 22°42 | 22°46 | 6° 2 | 5°59 | 22°35 | 5°53 | 8°53 | 0°17 | 1°39 | 5°14 | 16° 6 | W16 |
| T 17 | 7 44 36 | 26°20'35 | 6♑ 5 | 15°24 | 22°37 | 23°32 | 6°16 | 6° 5 | 22°36 | 5°53 | 8°52 | 0°11 | 1°35 | 5°21 | 16° 8 | T 17 |
| F 18 | 7 48 33 | 27°21'44 | 19°12 | 16°25 | 22°30 | 24°19 | 6°30 | 6°11 | 22°36 | 5°53 | 8°51 | 0° 5 | 1°32 | 5°27 | 16° 9 | F 18 |
| S 19 | 7 52 29 | 28°22'53 | 2♒ 3 | 17°19 | 22°20 | 25° 5 | 6°44 | 6°17 | 22°37 | 5°52 | 8°49 | 0° 1 | 1°29 | 5°34 | 16°11 | S 19 |
| S 20 | 7 56 26 | 29°24'01 | 14°39 | 18° 7 | 22° 8 | 25°51 | 6°58 | 6°23 | 22°38 | 5°52 | 8°48 | 29♒58 | 1°26 | 5°41 | 16°12 | S 20 |
| M21 | 8 0 23 | 0♒25'09 | 27° 0 | 18°46 | 21°53 | 26°37 | 7°12 | 6°30 | 22°39 | 5°51 | 8°47 | 29°D57 | 1°23 | 5°47 | 16°13 | M21 |
| T 22 | 8 4 19 | 1°26'16 | 9♓ 9 | 19°16 | 21°36 | 27°23 | 7°27 | 6°36 | 22°40 | 5°51 | 8°45 | 29°57 | 1°20 | 5°54 | 16°14 | T 22 |
| W23 | 8 8 16 | 2°27'23 | 21° 7 | 19°36 | 21°16 | 28°10 | 7°41 | 6°43 | 22°42 | 5°50 | 8°44 | 29°59 | 1°16 | 6° 1 | 16°15 | W23 |
| T 24 | 8 12 12 | 3°28'29 | 2♈58 | 19°R46 | 20°54 | 28°56 | 7°55 | 6°49 | 22°43 | 5°50 | 8°43 | 0♓ 1 | 1°13 | 6° 7 | 16°16 | T 24 |
| F 25 | 8 16 9 | 4°29'34 | 14°47 | 19°44 | 20°30 | 29°42 | 8° 9 | 6°55 | 22°44 | 5°49 | 8°41 | 0° 3 | 1°10 | 6°14 | 16°16 | F 25 |
| S 26 | 8 20 5 | 5°30'39 | 26°37 | 19°31 | 20° 3 | 0♒29 | 8°23 | 7° 2 | 22°45 | 5°49 | 8°40 | 0° 4 | 1° 7 | 6°21 | 16°17 | S 26 |
| S 27 | 8 24 2 | 6°31'43 | 8♉35 | 19° 6 | 19°35 | 1°15 | 8°37 | 7° 9 | 22°46 | 5°48 | 8°39 | 0°R 4 | 1° 4 | 6°27 | 16°18 | S 27 |
| M28 | 8 27 58 | 7°32'46 | 20°45 | 18°29 | 19° 5 | 2° 1 | 8°52 | 7°15 | 22°48 | 5°47 | 8°37 | 0° 3 | 1° 0 | 6°34 | 16°18 | M28 |
| T 29 | 8 31 55 | 8°33'48 | 3♊12 | 17°42 | 18°33 | 2°48 | 9° 6 | 7°22 | 22°49 | 5°47 | 8°36 | 0° 2 | 0°57 | 6°41 | 16°18 | T 29 |
| W30 | 8 35 52 | 9°34'49 | 15°59 | 16°45 | 18° 0 | 3°34 | 9°20 | 7°28 | 22°51 | 5°46 | 8°35 | 29♒59 | 0°54 | 6°47 | 16°R18 | W30 |
| T 31 | 8 39 48 | 10♒35'50 | 29♊ 9 | 15♒41 | 17♒25 | 4♒21 | 9♒34 | 7♓35 | 22♈52 | 5♎45 | 8♌33 | 29♒56 | 0♓51 | 6♈54 | 16♎18 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 0 | 24n 1 | 5n 5 | 23s42 | 2s12 | 15s 6 | 0s 7 | 23s44 | 0s50 | 19s56 | 0s24 | 11s16 | 1s34 | 8n10 | 0s37 | 1s10 | 1n17 | 21n37 | 3n50 | 11s 1 | 10s35 | 3n52 | 8s34 | 2s42 |
| W 2 | 22 56 | 26 38 | 5 4 | 23 26 | 2 12 | 14 47 | 0n 3 | 23 40 | 0 50 | 19 53 | 0 24 | 11 14 | 1 34 | 8 10 | 0 37 | 1 10 | 1 17 | 21 37 | 3 50 | 11 4 | 10 36 | 3 55 | 8 35 | 2 42 |
| T 3 | 22 50 | 27 53 | 4 48 | 23 8 | 2 11 | 14 29 | 0 14 | 23 37 | 0 51 | 19 50 | 0 24 | 11 12 | 1 34 | 8 10 | 0 37 | 1 10 | 1 17 | 21 37 | 3 50 | 11 7 | 10 37 | 3 58 | 8 36 | 2 42 |
| F 4 | 22 44 | 27 33 | 4 15 | 22 48 | 2 10 | 14 11 | 0 25 | 23 32 | 0 51 | 19 47 | 0 25 | 11 10 | 1 34 | 8 10 | 0 37 | 1 10 | 1 17 | 21 38 | 3 50 | 11 11 | 10 38 | 4 2 | 8 38 | 2 42 |
| S 5 | 22 38 | 25 31 | 3 27 | 22 28 | 2 8 | 13 53 | 0 37 | 23 28 | 0 52 | 19 44 | 0 25 | 11 8 | 1 33 | 8 10 | 0 37 | 1 10 | 1 17 | 21 38 | 3 51 | 11 13 | 10 40 | 4 5 | 8 39 | 2 42 |
| S 6 | 22 32 | 21 55 | 2 25 | 22 5 | 2 5 | 13 35 | 0 48 | 23 23 | 0 52 | 19 41 | 0 25 | 11 6 | 1 33 | 8 10 | 0 37 | 1 10 | 1 17 | 21 39 | 3 51 | 11 15 | 10 41 | 4 8 | 8 40 | 2 42 |
| M 7 | 22 25 | 17 0 | 1 14 | 21 42 | 2 2 | 13 18 | 1 1 | 23 19 | 0 52 | 19 38 | 0 25 | 11 4 | 1 33 | 8 10 | 0 37 | 1 10 | 1 17 | 21 39 | 3 51 | 11 16 | 10 42 | 4 12 | 8 41 | 2 42 |
| T 8 | 22 17 | 11 7 | 0s 2 | 21 17 | 1 58 | 13 1 | 1 13 | 23 13 | 0 53 | 19 34 | 0 25 | 11 2 | 1 33 | 8 10 | 0 36 | 1 10 | 1 17 | 21 40 | 3 51 | 11 16 | 10 43 | 4 15 | 8 42 | 2 42 |
| W 9 | 22 9 | 4 39 | 1 18 | 20 51 | 1 53 | 12 45 | 1 26 | 23 8 | 0 53 | 19 31 | 0 25 | 11 0 | 1 33 | 8 11 | 0 36 | 1 10 | 1 17 | 21 40 | 3 51 | 11 16 | 10 44 | 4 18 | 8 43 | 2 42 |
| T 10 | 22 1 | 2s 2 | 2 30 | 20 24 | 1 48 | 12 28 | 1 39 | 23 2 | 0 54 | 19 28 | 0 25 | 10 58 | 1 33 | 8 11 | 0 36 | 1 10 | 1 17 | 21 40 | 3 51 | 11 16 | 10 45 | 4 22 | 8 44 | 2 42 |
| F 11 | 21 52 | 8 35 | 3 32 | 19 56 | 1 42 | 12 13 | 1 52 | 22 56 | 0 54 | 19 25 | 0 25 | 10 55 | 1 33 | 8 11 | 0 36 | 1 10 | 1 17 | 21 41 | 3 51 | 11 15 | 10 46 | 4 25 | 8 45 | 2 42 |
| S 12 | 21 43 | 14 40 | 4 21 | 19 27 | 1 35 | 11 57 | 2 6 | 22 50 | 0 54 | 19 21 | 0 25 | 10 53 | 1 33 | 8 11 | 0 36 | 1 9 | 1 17 | 21 41 | 3 51 | 11 15 | 10 47 | 4 28 | 8 46 | 2 42 |
| S 13 | 21 33 | 19 56 | 4 54 | 18 58 | 1 27 | 11 43 | 2 20 | 22 44 | 0 55 | 19 18 | 0 25 | 10 51 | 1 33 | 8 11 | 0 36 | 1 9 | 1 17 | 21 42 | 3 51 | 11 16 | 10 49 | 4 32 | 8 47 | 2 42 |
| M14 | 21 23 | 24 6 | 5 10 | 18 27 | 1 18 | 11 28 | 2 34 | 22 37 | 0 55 | 19 15 | 0 25 | 10 49 | 1 33 | 8 12 | 0 36 | 1 9 | 1 17 | 21 42 | 3 52 | 11 17 | 10 50 | 4 35 | 8 47 | 2 42 |
| T 15 | 21 12 | 26 50 | 5 7 | 17 57 | 1 9 | 11 15 | 2 49 | 22 30 | 0 55 | 19 11 | 0 25 | 10 47 | 1 33 | 8 12 | 0 36 | 1 9 | 1 17 | 21 43 | 3 52 | 11 19 | 10 51 | 4 38 | 8 48 | 2 42 |
| W16 | 21 1 | 27 58 | 4 47 | 17 26 | 0 58 | 11 2 | 3 3 | 22 23 | 0 56 | 19 8 | 0 25 | 10 44 | 1 33 | 8 12 | 0 36 | 1 9 | 1 17 | 21 43 | 3 52 | 11 21 | 10 52 | 4 42 | 8 49 | 2 42 |
| T 17 | 20 50 | 27 27 | 4 12 | 16 55 | 0 46 | 10 49 | 3 18 | 22 16 | 0 56 | 19 5 | 0 26 | 10 42 | 1 33 | 8 13 | 0 36 | 1 9 | 1 17 | 21 44 | 3 52 | 11 23 | 10 53 | 4 45 | 8 49 | 2 42 |
| F 18 | 20 38 | 25 23 | 3 24 | 16 25 | 0 34 | 10 37 | 3 33 | 22 8 | 0 56 | 19 1 | 0 26 | 10 40 | 1 33 | 8 13 | 0 36 | 1 9 | 1 18 | 21 44 | 3 52 | 11 25 | 10 54 | 4 48 | 8 50 | 2 42 |
| S 19 | 20 26 | 22 2 | 2 27 | 15 56 | 0 20 | 10 26 | 3 48 | 22 0 | 0 57 | 18 58 | 0 26 | 10 37 | 1 33 | 8 13 | 0 36 | 1 8 | 1 18 | 21 44 | 3 52 | 11 26 | 10 55 | 4 52 | 8 50 | 2 42 |
| S 20 | 20 14 | 17 43 | 1 23 | 15 27 | 0 5 | 10 16 | 4 3 | 21 52 | 0 57 | 18 54 | 0 26 | 10 35 | 1 33 | 8 14 | 0 36 | 1 8 | 1 18 | 21 45 | 3 52 | 11 27 | 10 56 | 4 55 | 8 51 | 2 42 |
| M21 | 20 1 | 12 44 | 0 16 | 15 0 | 0n10 | 10 6 | 4 19 | 21 43 | 0 57 | 18 51 | 0 26 | 10 33 | 1 33 | 8 14 | 0 36 | 1 8 | 1 18 | 21 45 | 3 52 | 11 28 | 10 58 | 4 58 | 8 51 | 2 42 |
| T 22 | 19 48 | 7 21 | 0n50 | 14 35 | 0 27 | 9 57 | 4 34 | 21 35 | 0 58 | 18 47 | 0 26 | 10 30 | 1 33 | 8 15 | 0 36 | 1 8 | 1 18 | 21 46 | 3 52 | 11 28 | 10 59 | 5 1 | 8 52 | 2 42 |
| W23 | 19 34 | 1 46 | 1 54 | 14 13 | 0 44 | 9 49 | 4 49 | 21 26 | 0 58 | 18 44 | 0 26 | 10 28 | 1 33 | 8 15 | 0 36 | 1 7 | 1 18 | 21 46 | 3 52 | 11 27 | 11 0 | 5 5 | 8 52 | 2 42 |
| T 24 | 19 20 | 3n48 | 2 52 | 13 53 | 1 2 | 9 41 | 5 4 | 21 17 | 0 58 | 18 40 | 0 26 | 10 25 | 1 33 | 8 16 | 0 36 | 1 7 | 1 18 | 21 47 | 3 52 | 11 27 | 11 1 | 5 8 | 8 52 | 2 42 |
| F 25 | 19 6 | 9 13 | 3 42 | 13 36 | 1 20 | 9 35 | 5 19 | 21 7 | 0 59 | 18 36 | 0 26 | 10 23 | 1 33 | 8 16 | 0 36 | 1 7 | 1 18 | 21 47 | 3 53 | 11 26 | 11 2 | 5 11 | 8 53 | 2 42 |
| S 26 | 18 51 | 14 20 | 4 23 | 13 23 | 1 38 | 9 29 | 5 33 | 20 58 | 0 59 | 18 33 | 0 26 | 10 21 | 1 33 | 8 17 | 0 36 | 1 7 | 1 18 | 21 48 | 3 53 | 11 25 | 11 3 | 5 15 | 8 53 | 2 42 |
| S 27 | 18 36 | 18 58 | 4 53 | 13 13 | 1 56 | 9 24 | 5 47 | 20 48 | 0 59 | 18 29 | 0 26 | 10 18 | 1 33 | 8 17 | 0 36 | 1 6 | 1 18 | 21 48 | 3 53 | 11 25 | 11 4 | 5 18 | 8 53 | 2 42 |
| M28 | 18 21 | 22 54 | 5 11 | 13 8 | 2 14 | 9 20 | 6 1 | 20 38 | 1 0 | 18 26 | 0 26 | 10 16 | 1 33 | 8 18 | 0 36 | 1 6 | 1 18 | 21 48 | 3 53 | 11 26 | 11 5 | 5 21 | 8 53 | 2 42 |
| T 29 | 18 5 | 25 54 | 5 15 | 13 6 | 2 31 | 9 17 | 6 14 | 20 28 | 1 0 | 18 22 | 0 26 | 10 13 | 1 33 | 8 18 | 0 36 | 1 6 | 1 18 | 21 49 | 3 53 | 11 26 | 11 7 | 5 25 | 8 53 | 2 42 |
| W30 | 17 49 | 27 40 | 5 3 | 13 8 | 2 46 | 9 15 | 6 27 | 20 17 | 1 0 | 18 18 | 0 27 | 10 11 | 1 33 | 8 19 | 0 36 | 1 5 | 1 18 | 21 49 | 3 53 | 11 27 | 11 8 | 5 28 | 8 53 | 2 42 |
| T 31 | 17s32 | 27n58 | 4n35 | 13s14 | 3n 0 | 9s14 | 6n39 | 20s 6 | 1s 0 | 18s15 | 0s27 | 10s 8 | 1s33 | 8n19 | 0s36 | 1s 5 | 1n18 | 21n50 | 3n53 | 11s28 | 11s 9 | 5n31 | 8s53 | 2s42 |

Julian Day Number = 2610790.5, Delta T = 10m26s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'10, Lahiri = 29°57'12


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## FEBRUARY 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 43 45 | 11♒36'49 | 12♋44 | 14°R30 | 16°R50 | 5♒ 7 | 9♒48 | 7♓42 | 22♈54 | 5°R44 | 8°R32 | 29°R53 | 0♓48 | 7♈ 1 | 16°R18 | F 1 |
| S 2 | 8 47 41 | 12°37'48 | 26°42 | 13♒16 | 16♒13 | 5°54 | 10° 2 | 7°49 | 22°55 | 5♎44 | 8♌31 | 29♒51 | 0°45 | 7° 7 | 16♎18 | S 2 |
| S 3 | 8 51 38 | 13°38'45 | 11♌ 0 | 12° 0 | 15°36 | 6°41 | 10°17 | 7°56 | 22°57 | 5°43 | 8°29 | 29°49 | 0°41 | 7°14 | 16°17 | S 3 |
| M 4 | 8 55 34 | 14°39'42 | 25°33 | 10°44 | 14°59 | 7°27 | 10°31 | 8° 2 | 22°59 | 5°42 | 8°28 | 29°D49 | 0°38 | 7°21 | 16°17 | M 4 |
| T 5 | 8 59 31 | 15°40'38 | 10♍15 | 9°31 | 14°22 | 8°14 | 10°45 | 8° 9 | 23° 0 | 5°41 | 8°27 | 29°49 | 0°35 | 7°27 | 16°16 | T 5 |
| W 6 | 9 3 27 | 16°41'33 | 24°58 | 8°23 | 13°45 | 9° 1 | 10°59 | 8°16 | 23° 2 | 5°40 | 8°25 | 29°50 | 0°32 | 7°34 | 16°15 | W 6 |
| T 7 | 9 7 24 | 17°42'27 | 9♎38 | 7°21 | 13° 9 | 9°47 | 11°13 | 8°23 | 23° 4 | 5°39 | 8°24 | 29°51 | 0°29 | 7°41 | 16°14 | T 7 |
| F 8 | 9 11 21 | 18°43'21 | 24° 7 | 6°27 | 12°33 | 10°34 | 11°27 | 8°30 | 23° 6 | 5°38 | 8°23 | 29°51 | 0°26 | 7°47 | 16°13 | F 8 |
| S 9 | 9 15 17 | 19°44'14 | 8♏23 | 5°40 | 11°59 | 11°21 | 11°42 | 8°37 | 23° 8 | 5°37 | 8°21 | 29°52 | 0°22 | 7°54 | 16°12 | S 9 |
| S 10 | 9 19 14 | 20°45'06 | 22°23 | 5° 2 | 11°25 | 12° 8 | 11°56 | 8°44 | 23°10 | 5°36 | 8°20 | 29°R52 | 0°19 | 8° 1 | 16°11 | S 10 |
| M11 | 9 23 10 | 21°45'57 | 6♐ 7 | 4°32 | 10°53 | 12°55 | 12°10 | 8°51 | 23°12 | 5°35 | 8°19 | 29°52 | 0°16 | 8° 7 | 16°10 | M11 |
| T 12 | 9 27 7 | 22°46'48 | 19°34 | 4°11 | 10°23 | 13°41 | 12°24 | 8°58 | 23°14 | 5°34 | 8°17 | 29°51 | 0°13 | 8°14 | 16° 8 | T 12 |
| W13 | 9 31 3 | 23°47'38 | 2♑45 | 3°58 | 9°55 | 14°28 | 12°38 | 9° 5 | 23°16 | 5°33 | 8°16 | 29°51 | 0°10 | 8°21 | 16° 7 | W13 |
| T 14 | 9 35 0 | 24°48'27 | 15°42 | 3°D53 | 9°28 | 15°15 | 12°52 | 9°12 | 23°18 | 5°32 | 8°15 | 29°50 | 0° 6 | 8°27 | 16° 5 | T 14 |
| F 15 | 9 38 56 | 25°49'15 | 28°25 | 3°55 | 9° 4 | 16° 2 | 13° 6 | 9°20 | 23°20 | 5°30 | 8°13 | 29°49 | 0° 3 | 8°34 | 16° 3 | F 15 |
| S 16 | 9 42 53 | 26°50'02 | 10♒55 | 4° 5 | 8°42 | 16°49 | 13°20 | 9°27 | 23°22 | 5°29 | 8°12 | 29°49 | 0° 0 | 8°41 | 16° 1 | S 16 |
| S 17 | 9 46 50 | 27°50'48 | 23°14 | 4°21 | 8°22 | 17°36 | 13°34 | 9°34 | 23°24 | 5°28 | 8°11 | 29°49 | 29♒57 | 8°48 | 15°59 | S 17 |
| M18 | 9 50 46 | 28°51'32 | 5♓24 | 4°43 | 8° 4 | 18°23 | 13°48 | 9°41 | 23°27 | 5°27 | 8°10 | 29°D49 | 29°54 | 8°54 | 15°57 | M18 |
| T 19 | 9 54 43 | 29°52'15 | 17°24 | 5°11 | 7°49 | 19°10 | 14° 2 | 9°48 | 23°29 | 5°25 | 8° 8 | 29°R49 | 29°51 | 9° 1 | 15°55 | T 19 |
| W20 | 9 58 39 | 0♓52'56 | 29°19 | 5°44 | 7°36 | 19°57 | 14°16 | 9°55 | 23°31 | 5°24 | 8° 7 | 29°49 | 29°47 | 9° 8 | 15°53 | W20 |
| T 21 | 10 2 36 | 1°53'36 | 11♈ 9 | 6°22 | 7°26 | 20°44 | 14°30 | 10° 3 | 23°34 | 5°23 | 8° 6 | 29°49 | 29°44 | 9°14 | 15°50 | T 21 |
| F 22 | 10 6 32 | 2°54'15 | 22°57 | 7° 4 | 7°18 | 21°31 | 14°44 | 10°10 | 23°36 | 5°22 | 8° 5 | 29°48 | 29°41 | 9°21 | 15°48 | F 22 |
| S 23 | 10 10 29 | 3°54'52 | 4♉48 | 7°50 | 7°13 | 22°18 | 14°58 | 10°17 | 23°39 | 5°20 | 8° 4 | 29°48 | 29°38 | 9°28 | 15°45 | S 23 |
| S 24 | 10 14 25 | 4°55'27 | 16°46 | 8°39 | 7°10 | 23° 5 | 15°11 | 10°24 | 23°41 | 5°19 | 8° 2 | 29°47 | 29°35 | 9°34 | 15°42 | S 24 |
| M25 | 10 18 22 | 5°56'01 | 28°53 | 9°32 | 7°D 9 | 23°52 | 15°25 | 10°32 | 23°44 | 5°17 | 8° 1 | 29°47 | 29°31 | 9°41 | 15°39 | M25 |
| T 26 | 10 22 19 | 6°56'32 | 11♊15 | 10°28 | 7°11 | 24°40 | 15°39 | 10°39 | 23°46 | 5°16 | 8° 0 | 29°D47 | 29°28 | 9°48 | 15°37 | T 26 |
| W27 | 10 26 15 | 7°57'03 | 23°57 | 11°28 | 7°16 | 25°27 | 15°53 | 10°46 | 23°49 | 5°15 | 7°59 | 29°47 | 29°25 | 9°54 | 15°33 | W27 |
| T 28 | 10 30 12 | 8°57'31 | 7♋ 1 | 12°29 | 7°22 | 26°14 | 16° 6 | 10°53 | 23°51 | 5°13 | 7°58 | 29°48 | 29°22 | 10° 1 | 15°30 | T 28 |
| F 29 | 10 34 8 | 9♓57'57 | 20♋32 | 13♒33 | 7♒31 | 27♒ 1 | 16♒20 | 11♓ 1 | 23♈54 | 5♎12 | 7♌57 | 29♒49 | 29♒19 | 10♈ 8 | 15♎27 | F 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s16 | 26n37 | 3n52 | 13s23 | 3n12 | 9s13 | 6n51 | 19s55 | 1s 1 | 18s11 | 0s27 | 10s 6 | 1s33 | 8n20 | 0s36 | 1s 5 | 1n18 | 21n50 | 3n53 | 11s29 | 11s10 | 5n35 | 8s53 | 2s42 |
| S 2 | 16 59 | 23 36 | 2 53 | 13 35 | 3 21 | 9 13 | 7 2 | 19 44 | 1 1 | 18 7 | 0 27 | 10 3 | 1 33 | 8 20 | 0 36 | 1 4 | 1 18 | 21 50 | 3 53 | 11 30 | 11 11 | 5 38 | 8 53 | 2 42 |
| S 3 | 16 41 | 19 4 | 1 42 | 13 49 | 3 29 | 9 14 | 7 12 | 19 33 | 1 1 | 18 4 | 0 27 | 10 1 | 1 33 | 8 21 | 0 36 | 1 4 | 1 18 | 21 51 | 3 53 | 11 31 | 11 12 | 5 41 | 8 53 | 2 42 |
| M 4 | 16 24 | 13 21 | 0 24 | 14 5 | 3 33 | 9 16 | 7 21 | 19 21 | 1 1 | 18 0 | 0 27 | 9 58 | 1 32 | 8 22 | 0 36 | 1 4 | 1 18 | 21 51 | 3 53 | 11 31 | 11 13 | 5 44 | 8 52 | 2 42 |
| T 5 | 16 6 | 6 49 | 0s57 | 14 22 | 3 35 | 9 18 | 7 29 | 19 10 | 1 2 | 17 56 | 0 27 | 9 55 | 1 32 | 8 22 | 0 35 | 1 3 | 1 18 | 21 52 | 3 53 | 11 31 | 11 14 | 5 48 | 8 52 | 2 41 |
| W 6 | 15 48 | 0s 4 | 2 15 | 14 40 | 3 35 | 9 21 | 7 37 | 18 58 | 1 2 | 17 52 | 0 27 | 9 53 | 1 32 | 8 23 | 0 35 | 1 3 | 1 18 | 21 52 | 3 53 | 11 30 | 11 16 | 5 51 | 8 52 | 2 41 |
| T 7 | 15 29 | 6 55 | 3 23 | 14 58 | 3 32 | 9 25 | 7 43 | 18 45 | 1 2 | 17 48 | 0 27 | 9 50 | 1 32 | 8 24 | 0 35 | 1 2 | 1 18 | 21 53 | 3 53 | 11 30 | 11 17 | 5 54 | 8 51 | 2 41 |
| F 8 | 15 11 | 13 19 | 4 18 | 15 16 | 3 28 | 9 29 | 7 49 | 18 33 | 1 2 | 17 45 | 0 27 | 9 48 | 1 32 | 8 25 | 0 35 | 1 2 | 1 18 | 21 53 | 3 53 | 11 30 | 11 18 | 5 58 | 8 51 | 2 41 |
| S 9 | 14 52 | 18 55 | 4 55 | 15 33 | 3 22 | 9 34 | 7 54 | 18 20 | 1 3 | 17 41 | 0 27 | 9 45 | 1 33 | 8 25 | 0 35 | 1 1 | 1 19 | 21 53 | 3 53 | 11 30 | 11 19 | 6 1 | 8 50 | 2 41 |
| S 10 | 14 33 | 23 23 | 5 14 | 15 50 | 3 14 | 9 39 | 7 58 | 18 8 | 1 3 | 17 37 | 0 28 | 9 42 | 1 33 | 8 26 | 0 35 | 1 1 | 1 19 | 21 54 | 3 54 | 11 29 | 11 20 | 6 4 | 8 50 | 2 41 |
| M11 | 14 13 | 26 27 | 5 15 | 16 5 | 3 5 | 9 44 | 8 1 | 17 54 | 1 3 | 17 33 | 0 28 | 9 40 | 1 33 | 8 27 | 0 35 | 1 1 | 1 19 | 21 54 | 3 54 | 11 30 | 11 21 | 6 7 | 8 49 | 2 41 |
| T 12 | 13 53 | 27 56 | 4 59 | 16 20 | 2 55 | 9 50 | 8 3 | 17 41 | 1 3 | 17 29 | 0 28 | 9 37 | 1 33 | 8 28 | 0 35 | 1 0 | 1 19 | 21 55 | 3 54 | 11 30 | 11 22 | 6 11 | 8 49 | 2 41 |
| W13 | 13 34 | 27 48 | 4 27 | 16 33 | 2 44 | 9 56 | 8 4 | 17 28 | 1 3 | 17 25 | 0 28 | 9 34 | 1 33 | 8 28 | 0 35 | 1 0 | 1 19 | 21 55 | 3 54 | 11 30 | 11 23 | 6 14 | 8 48 | 2 41 |
| T 14 | 13 13 | 26 8 | 3 41 | 16 45 | 2 33 | 10 3 | 8 4 | 17 14 | 1 4 | 17 22 | 0 28 | 9 32 | 1 33 | 8 29 | 0 35 | 0 59 | 1 19 | 21 55 | 3 54 | 11 30 | 11 25 | 6 17 | 8 47 | 2 41 |
| F 15 | 12 53 | 23 8 | 2 46 | 16 56 | 2 21 | 10 10 | 8 4 | 17 1 | 1 4 | 17 18 | 0 28 | 9 29 | 1 33 | 8 30 | 0 35 | 0 59 | 1 19 | 21 56 | 3 54 | 11 31 | 11 26 | 6 20 | 8 46 | 2 41 |
| S 16 | 12 32 | 19 6 | 1 43 | 17 6 | 2 10 | 10 16 | 8 3 | 16 47 | 1 4 | 17 14 | 0 28 | 9 26 | 1 33 | 8 31 | 0 35 | 0 58 | 1 19 | 21 56 | 3 54 | 11 31 | 11 27 | 6 24 | 8 46 | 2 41 |
| S 17 | 12 12 | 14 19 | 0 36 | 17 14 | 1 57 | 10 23 | 8 1 | 16 33 | 1 4 | 17 10 | 0 28 | 9 24 | 1 33 | 8 32 | 0 35 | 0 58 | 1 19 | 21 56 | 3 54 | 11 31 | 11 28 | 6 27 | 8 45 | 2 41 |
| M18 | 11 51 | 9 2 | 0n31 | 17 20 | 1 45 | 10 30 | 7 58 | 16 18 | 1 4 | 17 6 | 0 28 | 9 21 | 1 33 | 8 33 | 0 35 | 0 57 | 1 19 | 21 57 | 3 54 | 11 31 | 11 29 | 6 30 | 8 44 | 2 40 |
| T 19 | 11 30 | 3 29 | 1 36 | 17 25 | 1 33 | 10 37 | 7 55 | 16 4 | 1 5 | 17 2 | 0 29 | 9 18 | 1 33 | 8 33 | 0 35 | 0 57 | 1 19 | 21 57 | 3 54 | 11 31 | 11 30 | 6 33 | 8 43 | 2 40 |
| W20 | 11 8 | 2n 7 | 2 37 | 17 29 | 1 21 | 10 44 | 7 51 | 15 49 | 1 5 | 16 58 | 0 29 | 9 16 | 1 33 | 8 34 | 0 35 | 0 56 | 1 19 | 21 58 | 3 54 | 11 31 | 11 31 | 6 37 | 8 42 | 2 40 |
| T 21 | 10 47 | 7 37 | 3 30 | 17 31 | 1 10 | 10 51 | 7 46 | 15 34 | 1 5 | 16 54 | 0 29 | 9 13 | 1 33 | 8 35 | 0 35 | 0 55 | 1 19 | 21 58 | 3 54 | 11 31 | 11 32 | 6 40 | 8 41 | 2 40 |
| F 22 | 10 25 | 12 50 | 4 14 | 17 32 | 0 58 | 10 58 | 7 41 | 15 19 | 1 5 | 16 50 | 0 29 | 9 10 | 1 33 | 8 36 | 0 35 | 0 55 | 1 19 | 21 58 | 3 54 | 11 31 | 11 33 | 6 43 | 8 40 | 2 40 |
| S 23 | 10 3 | 17 37 | 4 48 | 17 31 | 0 47 | 11 4 | 7 36 | 15 4 | 1 5 | 16 46 | 0 29 | 9 8 | 1 33 | 8 37 | 0 35 | 0 54 | 1 19 | 21 59 | 3 54 | 11 31 | 11 35 | 6 47 | 8 39 | 2 40 |
| S 24 | 9 41 | 21 45 | 5 9 | 17 29 | 0 35 | 11 11 | 7 30 | 14 49 | 1 5 | 16 42 | 0 29 | 9 5 | 1 33 | 8 38 | 0 35 | 0 54 | 1 19 | 21 59 | 3 54 | 11 31 | 11 36 | 6 50 | 8 37 | 2 40 |
| M25 | 9 19 | 25 1 | 5 17 | 17 26 | 0 25 | 11 17 | 7 24 | 14 34 | 1 5 | 16 38 | 0 29 | 9 2 | 1 33 | 8 39 | 0 35 | 0 53 | 1 19 | 21 59 | 3 54 | 11 31 | 11 37 | 6 53 | 8 36 | 2 40 |
| T 26 | 8 57 | 27 13 | 5 11 | 17 21 | 0 14 | 11 23 | 7 17 | 14 18 | 1 5 | 16 34 | 0 29 | 8 59 | 1 33 | 8 40 | 0 35 | 0 53 | 1 19 | 22 0 | 3 54 | 11 31 | 11 38 | 6 56 | 8 35 | 2 39 |
| W27 | 8 34 | 28 4 | 4 50 | 17 15 | 0 4 | 11 29 | 7 10 | 14 2 | 1 6 | 16 31 | 0 29 | 8 57 | 1 33 | 8 41 | 0 35 | 0 52 | 1 19 | 22 0 | 3 54 | 11 31 | 11 39 | 6 59 | 8 34 | 2 39 |
| T 28 | 8 12 | 27 25 | 4 13 | 17 7 | 0s 6 | 11 34 | 7 3 | 13 46 | 1 6 | 16 27 | 0 30 | 8 54 | 1 33 | 8 42 | 0 35 | 0 51 | 1 19 | 22 0 | 3 54 | 11 31 | 11 40 | 7 3 | 8 32 | 2 39 |
| F 29 | 7s49 | 25n 8 | 3n21 | 16s58 | 0s16 | 11s39 | 6n55 | 13s31 | 1s 6 | 16s23 | 0s30 | 8s51 | 1s33 | 8n43 | 0s35 | 0s51 | 1n19 | 22n 1 | 3n54 | 11s31 | 11s41 | 7n 6 | 8s31 | 2s39 |

Julian Day Number = 2610821.5, Delta T = 10m26s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'14, Lahiri = 29°57'16


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## MARCH 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 38 5 | 10♓58'22 | 4♌29 | 14♒40 | 7♒42 | 27♒48 | 16♒34 | 11♓ 8 | 23♈57 | 5°R10 | 7°R55 | 29♒50 | 29♒16 | 10♈14 | 15°R24 | S 1 |
| S 2 | 10 42 1 | 11°58'45 | 18°52 | 15°48 | 7°55 | 28°35 | 16°47 | 11°15 | 23°59 | 5♎ 9 | 7♌54 | 29°50 | 29°12 | 10°21 | 15♎20 | S 2 |
| M 3 | 10 45 58 | 12°59'06 | 3♍37 | 16°59 | 8°11 | 29°22 | 17° 1 | 11°22 | 24° 2 | 5° 7 | 7°53 | 29°R51 | 29° 9 | 10°28 | 15°17 | M 3 |
| T 4 | 10 49 54 | 13°59'25 | 18°38 | 18°12 | 8°28 | 0♓10 | 17°14 | 11°30 | 24° 5 | 5° 6 | 7°52 | 29°50 | 29° 6 | 10°34 | 15°13 | T 4 |
| W 5 | 10 53 51 | 14°59'42 | 3♎45 | 19°26 | 8°47 | 0°57 | 17°27 | 11°37 | 24° 8 | 5° 4 | 7°51 | 29°49 | 29° 3 | 10°41 | 15°10 | W 5 |
| T 6 | 10 57 48 | 15°59'58 | 18°50 | 20°42 | 9° 9 | 1°44 | 17°41 | 11°44 | 24°11 | 5° 3 | 7°50 | 29°47 | 29° 0 | 10°48 | 15° 6 | T 6 |
| F 7 | 11 1 44 | 17° 0'13 | 3♏44 | 22° 0 | 9°32 | 2°31 | 17°54 | 11°51 | 24°14 | 5° 1 | 7°49 | 29°45 | 28°57 | 10°54 | 15° 2 | F 7 |
| S 8 | 11 5 41 | 18° 0'26 | 18°19 | 23°19 | 9°57 | 3°18 | 18° 7 | 11°59 | 24°16 | 5° 0 | 7°48 | 29°43 | 28°53 | 11° 1 | 14°59 | S 8 |
| S 9 | 11 9 37 | 19° 0'37 | 2♐32 | 24°40 | 10°23 | 4° 6 | 18°21 | 12° 6 | 24°19 | 4°58 | 7°47 | 29°41 | 28°50 | 11° 8 | 14°55 | S 9 |
| M10 | 11 13 34 | 20° 0'48 | 16°20 | 26° 2 | 10°51 | 4°53 | 18°34 | 12°13 | 24°22 | 4°56 | 7°46 | 29°D40 | 28°47 | 11°14 | 14°51 | M10 |
| T 11 | 11 17 30 | 21° 0'56 | 29°44 | 27°25 | 11°21 | 5°40 | 18°47 | 12°20 | 24°25 | 4°55 | 7°45 | 29°40 | 28°44 | 11°21 | 14°47 | T 11 |
| W12 | 11 21 27 | 22° 1'04 | 12♑46 | 28°50 | 11°52 | 6°27 | 19° 0 | 12°28 | 24°28 | 4°53 | 7°44 | 29°41 | 28°41 | 11°28 | 14°42 | W12 |
| T 13 | 11 25 23 | 23° 1'09 | 25°28 | 0♓16 | 12°25 | 7°14 | 19°13 | 12°35 | 24°31 | 4°52 | 7°43 | 29°43 | 28°37 | 11°34 | 14°38 | T 13 |
| F 14 | 11 29 20 | 24° 1'13 | 7♒55 | 1°44 | 12°59 | 8° 2 | 19°26 | 12°42 | 24°34 | 4°50 | 7°43 | 29°45 | 28°34 | 11°41 | 14°34 | F 14 |
| S 15 | 11 33 17 | 25° 1'16 | 20°10 | 3°12 | 13°35 | 8°49 | 19°39 | 12°49 | 24°37 | 4°48 | 7°42 | 29°46 | 28°31 | 11°48 | 14°30 | S 15 |
| S 16 | 11 37 13 | 26° 1'16 | 2♓14 | 4°42 | 14°12 | 9°36 | 19°52 | 12°56 | 24°41 | 4°47 | 7°41 | 29°R46 | 28°28 | 11°55 | 14°25 | S 16 |
| M17 | 11 41 10 | 27° 1'15 | 14°12 | 6°13 | 14°50 | 10°23 | 20° 5 | 13° 3 | 24°44 | 4°45 | 7°40 | 29°45 | 28°25 | 12° 1 | 14°21 | M17 |
| T 18 | 11 45 6 | 28° 1'12 | 26° 5 | 7°46 | 15°29 | 11°11 | 20°17 | 13°10 | 24°47 | 4°43 | 7°39 | 29°43 | 28°22 | 12° 8 | 14°16 | T 18 |
| W19 | 11 49 3 | 29° 1'07 | 7♈56 | 9°19 | 16° 9 | 11°58 | 20°30 | 13°18 | 24°50 | 4°42 | 7°39 | 29°39 | 28°18 | 12°15 | 14°12 | W19 |
| T 20 | 11 52 59 | 0♈ 1'00 | 19°45 | 10°54 | 16°51 | 12°45 | 20°43 | 13°25 | 24°53 | 4°40 | 7°38 | 29°34 | 28°15 | 12°21 | 14° 7 | T 20 |
| F 21 | 11 56 56 | 1° 0'51 | 1♉36 | 12°30 | 17°33 | 13°32 | 20°55 | 13°32 | 24°56 | 4°38 | 7°37 | 29°28 | 28°12 | 12°28 | 14° 3 | F 21 |
| S 22 | 12 0 52 | 2° 0'40 | 13°30 | 14° 7 | 18°17 | 14°19 | 21° 7 | 13°39 | 24°59 | 4°37 | 7°36 | 29°22 | 28° 9 | 12°35 | 13°58 | S 22 |
| S 23 | 12 4 49 | 3° 0'27 | 25°29 | 15°46 | 19° 1 | 15° 7 | 21°20 | 13°46 | 25° 3 | 4°35 | 7°36 | 29°17 | 28° 6 | 12°41 | 13°54 | S 23 |
| M24 | 12 8 45 | 4° 0'12 | 7♊38 | 17°25 | 19°47 | 15°54 | 21°32 | 13°53 | 25° 6 | 4°33 | 7°35 | 29°12 | 28° 3 | 12°48 | 13°49 | M24 |
| T 25 | 12 12 42 | 4°59'54 | 19°59 | 19° 6 | 20°33 | 16°41 | 21°44 | 14° 0 | 25° 9 | 4°32 | 7°34 | 29° 9 | 27°59 | 12°55 | 13°44 | T 25 |
| W26 | 12 16 39 | 5°59'35 | 2♋36 | 20°48 | 21°20 | 17°28 | 21°57 | 14° 7 | 25°12 | 4°30 | 7°34 | 29°D 8 | 27°56 | 13° 1 | 13°39 | W26 |
| T 27 | 12 20 35 | 6°59'13 | 15°33 | 22°32 | 22° 8 | 18°15 | 22° 9 | 14°14 | 25°16 | 4°28 | 7°33 | 29° 9 | 27°53 | 13° 8 | 13°35 | T 27 |
| F 28 | 12 24 32 | 7°58'49 | 28°54 | 24°16 | 22°57 | 19° 2 | 22°21 | 14°20 | 25°19 | 4°27 | 7°33 | 29°10 | 27°50 | 13°15 | 13°30 | F 28 |
| S 29 | 12 28 28 | 8°58'22 | 12♌41 | 26° 2 | 23°47 | 19°50 | 22°33 | 14°27 | 25°22 | 4°25 | 7°32 | 29°11 | 27°47 | 13°21 | 13°25 | S 29 |
| S 30 | 12 32 25 | 9°57'53 | 26°55 | 27°49 | 24°37 | 20°37 | 22°44 | 14°34 | 25°26 | 4°24 | 7°31 | 29°R12 | 27°43 | 13°28 | 13°20 | S 30 |
| M31 | 12 36 21 | 10♈57'22 | 11♍36 | 29♓37 | 25♒28 | 21♓24 | 22♒56 | 14♓41 | 25♈29 | 4♎22 | 7♌31 | 29♒11 | 27♒40 | 13♈35 | 13♎16 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s26 | 21n18 | 2n16 | 16s48 | 0s25 | 11s44 | 6n47 | 13s14 | 1s 6 | 16s19 | 0s30 | 8s49 | 1s33 | 8n44 | 0s35 | 0s50 | 1n19 | 22n 1 | 3n54 | 11s30 | 11s42 | 7n 9 | 8s30 | 2s39 |
| S 2 | 7 3 | 16 6 | 1 0 | 16 36 | 0 34 | 11 49 | 6 39 | 12 58 | 1 6 | 16 15 | 0 30 | 8 46 | 1 33 | 8 45 | 0 35 | 0 50 | 1 19 | 22 1 | 3 54 | 11 30 | 11 43 | 7 12 | 8 28 | 2 39 |
| M 3 | 6 40 | 9 50 | 0s21 | 16 23 | 0 43 | 11 53 | 6 31 | 12 42 | 1 6 | 16 11 | 0 30 | 8 43 | 1 33 | 8 46 | 0 35 | 0 49 | 1 19 | 22 1 | 3 54 | 11 30 | 11 45 | 7 16 | 8 27 | 2 38 |
| T 4 | 6 17 | 2 55 | 1 42 | 16 9 | 0 51 | 11 56 | 6 23 | 12 25 | 1 6 | 16 7 | 0 30 | 8 41 | 1 33 | 8 47 | 0 35 | 0 48 | 1 19 | 22 2 | 3 54 | 11 30 | 11 46 | 7 19 | 8 25 | 2 38 |
| W 5 | 5 54 | 4s12 | 2 57 | 15 54 | 0 59 | 12 0 | 6 14 | 12 9 | 1 6 | 16 3 | 0 30 | 8 38 | 1 33 | 8 48 | 0 35 | 0 48 | 1 19 | 22 2 | 3 54 | 11 31 | 11 47 | 7 22 | 8 23 | 2 38 |
| T 6 | 5 31 | 11 3 | 3 59 | 15 37 | 1 6 | 12 3 | 6 6 | 11 52 | 1 6 | 15 59 | 0 30 | 8 35 | 1 33 | 8 49 | 0 35 | 0 47 | 1 19 | 22 2 | 3 54 | 11 31 | 11 48 | 7 25 | 8 22 | 2 38 |
| F 7 | 5 7 | 17 11 | 4 44 | 15 18 | 1 14 | 12 5 | 5 57 | 11 35 | 1 6 | 15 55 | 0 30 | 8 32 | 1 33 | 8 50 | 0 35 | 0 46 | 1 19 | 22 3 | 3 54 | 11 32 | 11 49 | 7 29 | 8 20 | 2 38 |
| S 8 | 4 44 | 22 12 | 5 10 | 14 59 | 1 21 | 12 7 | 5 48 | 11 18 | 1 6 | 15 51 | 0 31 | 8 30 | 1 34 | 8 51 | 0 35 | 0 46 | 1 19 | 22 3 | 3 54 | 11 33 | 11 50 | 7 32 | 8 18 | 2 38 |
| S 9 | 4 20 | 25 46 | 5 15 | 14 38 | 1 27 | 12 9 | 5 39 | 11 1 | 1 6 | 15 47 | 0 31 | 8 27 | 1 34 | 8 52 | 0 35 | 0 45 | 1 19 | 22 3 | 3 54 | 11 33 | 11 51 | 7 35 | 8 17 | 2 37 |
| M10 | 3 57 | 27 42 | 5 3 | 14 16 | 1 33 | 12 10 | 5 30 | 10 44 | 1 6 | 15 43 | 0 31 | 8 24 | 1 34 | 8 53 | 0 35 | 0 45 | 1 19 | 22 3 | 3 54 | 11 34 | 11 52 | 7 38 | 8 15 | 2 37 |
| T 11 | 3 33 | 27 57 | 4 34 | 13 53 | 1 39 | 12 10 | 5 22 | 10 26 | 1 6 | 15 39 | 0 31 | 8 22 | 1 34 | 8 55 | 0 35 | 0 44 | 1 19 | 22 4 | 3 54 | 11 34 | 11 53 | 7 41 | 8 13 | 2 37 |
| W12 | 3 10 | 26 36 | 3 51 | 13 29 | 1 44 | 12 11 | 5 13 | 10 9 | 1 6 | 15 35 | 0 31 | 8 19 | 1 34 | 8 56 | 0 34 | 0 43 | 1 19 | 22 4 | 3 54 | 11 33 | 11 54 | 7 45 | 8 11 | 2 37 |
| T 13 | 2 46 | 23 55 | 2 58 | 13 3 | 1 49 | 12 10 | 5 4 | 9 52 | 1 6 | 15 31 | 0 31 | 8 16 | 1 34 | 8 57 | 0 34 | 0 43 | 1 19 | 22 4 | 3 54 | 11 33 | 11 56 | 7 48 | 8 10 | 2 36 |
| F 14 | 2 22 | 20 8 | 1 57 | 12 36 | 1 54 | 12 10 | 4 55 | 9 34 | 1 6 | 15 27 | 0 31 | 8 14 | 1 34 | 8 58 | 0 34 | 0 42 | 1 20 | 22 4 | 3 54 | 11 32 | 11 57 | 7 51 | 8 8 | 2 36 |
| S 15 | 1 58 | 15 34 | 0 53 | 12 8 | 1 58 | 12 8 | 4 46 | 9 16 | 1 6 | 15 23 | 0 32 | 8 11 | 1 34 | 8 59 | 0 34 | 0 41 | 1 20 | 22 4 | 3 54 | 11 32 | 11 58 | 7 54 | 8 6 | 2 36 |
| S 16 | 1 35 | 10 27 | 0n14 | 11 39 | 2 2 | 12 6 | 4 37 | 8 58 | 1 6 | 15 20 | 0 32 | 8 8 | 1 34 | 9 0 | 0 34 | 0 41 | 1 20 | 22 5 | 3 54 | 11 32 | 11 59 | 7 58 | 8 4 | 2 36 |
| M17 | 1 11 | 5 0 | 1 18 | 11 9 | 2 5 | 12 4 | 4 28 | 8 41 | 1 6 | 15 16 | 0 32 | 8 6 | 1 34 | 9 1 | 0 34 | 0 40 | 1 20 | 22 5 | 3 54 | 11 32 | 12 0 | 8 1 | 8 2 | 2 35 |
| T 18 | 0 47 | 0n35 | 2 19 | 10 37 | 2 8 | 12 1 | 4 19 | 8 23 | 1 6 | 15 12 | 0 32 | 8 3 | 1 34 | 9 3 | 0 34 | 0 39 | 1 20 | 22 5 | 3 54 | 11 33 | 12 1 | 8 4 | 8 0 | 2 35 |
| W19 | 0 23 | 6 7 | 3 14 | 10 4 | 2 10 | 11 58 | 4 11 | 8 5 | 1 6 | 15 8 | 0 32 | 8 0 | 1 34 | 9 4 | 0 34 | 0 39 | 1 20 | 22 5 | 3 54 | 11 34 | 12 2 | 8 7 | 7 58 | 2 35 |
| T 20 | 0n 0 | 11 25 | 4 0 | 9 30 | 2 13 | 11 54 | 4 2 | 7 47 | 1 6 | 15 4 | 0 32 | 7 58 | 1 34 | 9 5 | 0 34 | 0 38 | 1 20 | 22 5 | 3 54 | 11 36 | 12 3 | 8 10 | 7 56 | 2 35 |
| F 21 | 0 24 | 16 19 | 4 36 | 8 55 | 2 14 | 11 50 | 3 53 | 7 28 | 1 6 | 15 0 | 0 32 | 7 55 | 1 35 | 9 6 | 0 34 | 0 37 | 1 20 | 22 6 | 3 54 | 11 38 | 12 4 | 8 14 | 7 54 | 2 34 |
| S 22 | 0 48 | 20 37 | 5 0 | 8 19 | 2 16 | 11 45 | 3 45 | 7 10 | 1 6 | 14 56 | 0 33 | 7 52 | 1 35 | 9 7 | 0 34 | 0 37 | 1 20 | 22 6 | 3 54 | 11 40 | 12 5 | 8 17 | 7 52 | 2 34 |
| S 23 | 1 12 | 24 7 | 5 11 | 7 42 | 2 16 | 11 40 | 3 36 | 6 52 | 1 6 | 14 52 | 0 33 | 7 50 | 1 35 | 9 8 | 0 34 | 0 36 | 1 20 | 22 6 | 3 54 | 11 42 | 12 7 | 8 20 | 7 50 | 2 34 |
| M24 | 1 35 | 26 36 | 5 8 | 7 4 | 2 17 | 11 34 | 3 28 | 6 34 | 1 6 | 14 49 | 0 33 | 7 47 | 1 35 | 9 10 | 0 34 | 0 35 | 1 20 | 22 6 | 3 54 | 11 43 | 12 8 | 8 23 | 7 48 | 2 33 |
| T 25 | 1 59 | 27 51 | 4 51 | 6 24 | 2 17 | 11 27 | 3 19 | 6 15 | 1 6 | 14 45 | 0 33 | 7 45 | 1 35 | 9 11 | 0 34 | 0 35 | 1 20 | 22 6 | 3 54 | 11 44 | 12 9 | 8 26 | 7 45 | 2 33 |
| W26 | 2 23 | 27 42 | 4 20 | 5 44 | 2 16 | 11 20 | 3 11 | 5 57 | 1 6 | 14 41 | 0 33 | 7 42 | 1 35 | 9 12 | 0 34 | 0 34 | 1 20 | 22 6 | 3 54 | 11 45 | 12 10 | 8 29 | 7 43 | 2 33 |
| T 27 | 2 46 | 26 3 | 3 35 | 5 2 | 2 15 | 11 13 | 3 3 | 5 38 | 1 6 | 14 37 | 0 33 | 7 39 | 1 35 | 9 13 | 0 34 | 0 33 | 1 20 | 22 7 | 3 54 | 11 45 | 12 11 | 8 33 | 7 41 | 2 32 |
| F 28 | 3 10 | 22 54 | 2 37 | 4 19 | 2 14 | 11 5 | 2 54 | 5 20 | 1 5 | 14 34 | 0 33 | 7 37 | 1 35 | 9 14 | 0 34 | 0 33 | 1 20 | 22 7 | 3 54 | 11 44 | 12 12 | 8 36 | 7 39 | 2 32 |
| S 29 | 3 33 | 18 23 | 1 29 | 3 36 | 2 12 | 10 57 | 2 46 | 5 1 | 1 5 | 14 30 | 0 34 | 7 34 | 1 35 | 9 16 | 0 34 | 0 32 | 1 20 | 22 7 | 3 54 | 11 44 | 12 13 | 8 39 | 7 37 | 2 32 |
| S 30 | 3 56 | 12 42 | 0 12 | 2 51 | 2 10 | 10 48 | 2 38 | 4 43 | 1 5 | 14 26 | 0 34 | 7 32 | 1 36 | 9 17 | 0 34 | 0 31 | 1 20 | 22 7 | 3 54 | 11 44 | 12 14 | 8 42 | 7 35 | 2 31 |
| M31 | 4n20 | 6n10 | 1s 7 | 2s 5 | 2s 7 | 10s39 | 2n30 | 4s24 | 1s 5 | 14s22 | 0s34 | 7s29 | 1s36 | 9n18 | 0s34 | 0s31 | 1n20 | 22n 7 | 3n54 | 11s44 | 12s15 | 8n45 | 7s32 | 2s31 |

Julian Day Number = 2610850.5, Delta T = 10m26s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'18, Lahiri = 29°57'20


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## APRIL 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 40 18 | 11♈56'49 | 26♍37 | 1♈27 | 26♒20 | 22♓11 | 23♒ 8 | 14♓48 | 25♈32 | 4°R20 | 7°R30 | 29°R 9 | 27♒37 | 13♈41 | 13°R11 | T 1 |
| W 2 | 12 44 14 | 12°56'14 | 11♎53 | 3°18 | 27°12 | 22°58 | 23°19 | 14°54 | 25°36 | 4♎19 | 7♌30 | 29♒ 5 | 27°34 | 13°48 | 13♎ 6 | W 2 |
| T 3 | 12 48 11 | 13°55'36 | 27°11 | 5°10 | 28° 5 | 23°45 | 23°31 | 15° 1 | 25°39 | 4°17 | 7°30 | 28°58 | 27°31 | 13°55 | 13° 1 | T 3 |
| F 4 | 12 52 8 | 14°54'57 | 12♏21 | 7° 4 | 28°59 | 24°32 | 23°42 | 15° 8 | 25°43 | 4°15 | 7°29 | 28°51 | 27°28 | 14° 1 | 12°56 | F 4 |
| S 5 | 12 56 4 | 15°54'16 | 27°14 | 8°59 | 29°53 | 25°19 | 23°54 | 15°14 | 25°46 | 4°14 | 7°29 | 28°44 | 27°24 | 14° 8 | 12°51 | S 5 |
| S 6 | 13 0 1 | 16°53'33 | 11♐42 | 10°55 | 0♓47 | 26° 6 | 24° 5 | 15°21 | 25°49 | 4°12 | 7°28 | 28°39 | 27°21 | 14°15 | 12°47 | S 6 |
| M 7 | 13 3 57 | 17°52'49 | 25°41 | 12°53 | 1°43 | 26°53 | 24°16 | 15°27 | 25°53 | 4°10 | 7°28 | 28°34 | 27°18 | 14°22 | 12°42 | M 7 |
| T 8 | 13 7 54 | 18°52'03 | 9♑11 | 14°51 | 2°39 | 27°40 | 24°27 | 15°34 | 25°56 | 4° 9 | 7°28 | 28°32 | 27°15 | 14°28 | 12°37 | T 8 |
| W 9 | 13 11 50 | 19°51'15 | 22°14 | 16°51 | 3°35 | 28°27 | 24°38 | 15°40 | 26° 0 | 4° 7 | 7°28 | 28°D32 | 27°12 | 14°35 | 12°32 | W 9 |
| T 10 | 13 15 47 | 20°50'25 | 4♒54 | 18°53 | 4°32 | 29°14 | 24°49 | 15°47 | 26° 3 | 4° 6 | 7°27 | 28°32 | 27° 9 | 14°42 | 12°28 | T 10 |
| F 11 | 13 19 43 | 21°49'33 | 17°14 | 20°55 | 5°29 | 0♈ 1 | 25° 0 | 15°53 | 26° 6 | 4° 4 | 7°27 | 28°33 | 27° 5 | 14°48 | 12°23 | F 11 |
| S 12 | 13 23 40 | 22°48'40 | 29°21 | 22°58 | 6°27 | 0°48 | 25°10 | 15°59 | 26°10 | 4° 3 | 7°27 | 28°R34 | 27° 2 | 14°55 | 12°18 | S 12 |
| S 13 | 13 27 37 | 23°47'45 | 11♓17 | 25° 2 | 7°25 | 1°35 | 25°21 | 16° 6 | 26°13 | 4° 1 | 7°27 | 28°33 | 26°59 | 15° 2 | 12°14 | S 13 |
| M14 | 13 31 33 | 24°46'47 | 23° 9 | 27° 6 | 8°23 | 2°22 | 25°31 | 16°12 | 26°17 | 3°59 | 7°27 | 28°30 | 26°56 | 15° 8 | 12° 9 | M14 |
| T 15 | 13 35 30 | 25°45'48 | 4♈57 | 29°12 | 9°22 | 3° 9 | 25°42 | 16°18 | 26°20 | 3°58 | 7°26 | 28°24 | 26°53 | 15°15 | 12° 4 | T 15 |
| W16 | 13 39 26 | 26°44'48 | 16°46 | 1♉17 | 10°22 | 3°55 | 25°52 | 16°24 | 26°23 | 3°56 | 7°26 | 28°16 | 26°49 | 15°22 | 12° 0 | W16 |
| T 17 | 13 43 23 | 27°43'45 | 28°38 | 3°23 | 11°21 | 4°42 | 26° 2 | 16°30 | 26°27 | 3°55 | 7°26 | 28° 6 | 26°46 | 15°28 | 11°55 | T 17 |
| F 18 | 13 47 19 | 28°42'40 | 10♉33 | 5°28 | 12°22 | 5°29 | 26°12 | 16°36 | 26°30 | 3°53 | 7°26 | 27°54 | 26°43 | 15°35 | 11°51 | F 18 |
| S 19 | 13 51 16 | 29°41'33 | 22°33 | 7°33 | 13°22 | 6°16 | 26°22 | 16°42 | 26°34 | 3°52 | 7°D26 | 27°42 | 26°40 | 15°42 | 11°46 | S 19 |
| S 20 | 13 55 12 | 0♉40'24 | 4♊40 | 9°37 | 14°23 | 7° 2 | 26°32 | 16°48 | 26°37 | 3°51 | 7°26 | 27°31 | 26°37 | 15°48 | 11°42 | S 20 |
| M21 | 13 59 9 | 1°39'14 | 16°56 | 11°40 | 15°24 | 7°49 | 26°41 | 16°54 | 26°41 | 3°49 | 7°26 | 27°22 | 26°34 | 15°55 | 11°38 | M21 |
| T 22 | 14 3 6 | 2°38'01 | 29°22 | 13°41 | 16°25 | 8°36 | 26°51 | 17° 0 | 26°44 | 3°48 | 7°26 | 27°14 | 26°30 | 16° 2 | 11°33 | T 22 |
| W23 | 14 7 2 | 3°36'45 | 12♋ 1 | 15°41 | 17°27 | 9°22 | 27° 0 | 17° 6 | 26°47 | 3°46 | 7°26 | 27°10 | 26°27 | 16° 9 | 11°29 | W23 |
| T 24 | 14 10 59 | 4°35'28 | 24°56 | 17°38 | 18°29 | 10° 9 | 27°10 | 17°12 | 26°51 | 3°45 | 7°27 | 27° 8 | 26°24 | 16°15 | 11°25 | T 24 |
| F 25 | 14 14 55 | 5°34'08 | 8♌11 | 19°33 | 19°31 | 10°56 | 27°19 | 17°17 | 26°54 | 3°44 | 7°27 | 27°D 7 | 26°21 | 16°22 | 11°21 | F 25 |
| S 26 | 14 18 52 | 6°32'46 | 21°48 | 21°26 | 20°34 | 11°42 | 27°28 | 17°23 | 26°58 | 3°42 | 7°27 | 27°R 8 | 26°18 | 16°29 | 11°17 | S 26 |
| S 27 | 14 22 48 | 7°31'22 | 5♍50 | 23°15 | 21°36 | 12°29 | 27°37 | 17°28 | 27° 1 | 3°41 | 7°27 | 27° 8 | 26°14 | 16°35 | 11°13 | S 27 |
| M28 | 14 26 45 | 8°29'56 | 20°16 | 25° 1 | 22°39 | 13°15 | 27°46 | 17°34 | 27° 4 | 3°40 | 7°27 | 27° 6 | 26°11 | 16°42 | 11° 9 | M28 |
| T 29 | 14 30 41 | 9°28'27 | 5♎ 5 | 26°43 | 23°43 | 14° 2 | 27°54 | 17°39 | 27° 8 | 3°38 | 7°27 | 27° 2 | 26° 8 | 16°49 | 11° 5 | T 29 |
| W30 | 14 34 38 | 10♉26'57 | 20♎10 | 28♉21 | 24♓46 | 14♈48 | 28♒ 3 | 17♓45 | 27♈11 | 3♎37 | 7♌28 | 26♒55 | 26♒ 5 | 16♈55 | 11♎ 1 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n43 | 0s51 | 2s23 | 1s19 | 2s 3 | 10s29 | 2n22 | 4s 5 | 1s 5 | 14s19 | 0s34 | 7s27 | 1s36 | 9n19 | 0s34 | 0s30 | 1n20 | 22n 7 | 3n54 | 11s45 | 12s16 | 8n49 | 7s30 | 2s31 |
| W 2 | 5 6 | 7 55 | 3 30 | 0 31 | 2 0 | 10 18 | 2 15 | 3 47 | 1 5 | 14 15 | 0 34 | 7 24 | 1 36 | 9 21 | 0 34 | 0 29 | 1 20 | 22 7 | 3 54 | 11 46 | 12 17 | 8 52 | 7 28 | 2 30 |
| T 3 | 5 29 | 14 31 | 4 22 | 0n17 | 1 55 | 10 8 | 2 7 | 3 28 | 1 5 | 14 12 | 0 34 | 7 22 | 1 36 | 9 22 | 0 34 | 0 29 | 1 20 | 22 7 | 3 54 | 11 48 | 12 19 | 8 55 | 7 26 | 2 30 |
| F 4 | 5 52 | 20 12 | 4 56 | 1 6 | 1 50 | 9 56 | 1 59 | 3 9 | 1 4 | 14 8 | 0 35 | 7 19 | 1 36 | 9 23 | 0 34 | 0 28 | 1 20 | 22 7 | 3 54 | 11 51 | 12 20 | 8 58 | 7 24 | 2 29 |
| S 5 | 6 15 | 24 29 | 5 8 | 1 57 | 1 45 | 9 44 | 1 52 | 2 50 | 1 4 | 14 4 | 0 35 | 7 17 | 1 36 | 9 24 | 0 34 | 0 27 | 1 20 | 22 7 | 3 54 | 11 53 | 12 21 | 9 1 | 7 21 | 2 29 |
| S 6 | 6 37 | 27 6 | 5 0 | 2 47 | 1 39 | 9 32 | 1 45 | 2 32 | 1 4 | 14 1 | 0 35 | 7 15 | 1 36 | 9 26 | 0 34 | 0 27 | 1 20 | 22 8 | 3 54 | 11 55 | 12 22 | 9 4 | 7 19 | 2 29 |
| M 7 | 7 0 | 27 53 | 4 35 | 3 39 | 1 33 | 9 20 | 1 37 | 2 13 | 1 4 | 13 57 | 0 35 | 7 12 | 1 37 | 9 27 | 0 34 | 0 26 | 1 20 | 22 8 | 3 54 | 11 57 | 12 23 | 9 8 | 7 17 | 2 28 |
| T 8 | 7 22 | 26 58 | 3 54 | 4 31 | 1 26 | 9 6 | 1 30 | 1 54 | 1 4 | 13 54 | 0 35 | 7 10 | 1 37 | 9 28 | 0 34 | 0 26 | 1 20 | 22 8 | 3 54 | 11 57 | 12 24 | 9 11 | 7 15 | 2 28 |
| W 9 | 7 45 | 24 34 | 3 3 | 5 24 | 1 18 | 8 53 | 1 23 | 1 35 | 1 3 | 13 50 | 0 35 | 7 7 | 1 37 | 9 29 | 0 34 | 0 25 | 1 20 | 22 8 | 3 54 | 11 58 | 12 25 | 9 14 | 7 12 | 2 27 |
| T 10 | 8 7 | 21 0 | 2 4 | 6 17 | 1 11 | 8 39 | 1 16 | 1 16 | 1 3 | 13 47 | 0 36 | 7 5 | 1 37 | 9 31 | 0 34 | 0 24 | 1 20 | 22 8 | 3 54 | 11 57 | 12 26 | 9 17 | 7 10 | 2 27 |
| F 11 | 8 29 | 16 36 | 1 1 | 7 11 | 1 2 | 8 24 | 1 9 | 0 57 | 1 3 | 13 43 | 0 36 | 7 3 | 1 37 | 9 32 | 0 34 | 0 24 | 1 20 | 22 8 | 3 54 | 11 57 | 12 27 | 9 20 | 7 8 | 2 27 |
| S 12 | 8 51 | 11 37 | 0n 4 | 8 5 | 0 53 | 8 9 | 1 3 | 0 39 | 1 3 | 13 40 | 0 36 | 7 0 | 1 37 | 9 33 | 0 34 | 0 23 | 1 20 | 22 8 | 3 54 | 11 57 | 12 28 | 9 23 | 7 6 | 2 26 |
| S 13 | 9 13 | 6 16 | 1 8 | 8 59 | 0 44 | 7 54 | 0 56 | 0 20 | 1 3 | 13 37 | 0 36 | 6 58 | 1 37 | 9 34 | 0 34 | 0 22 | 1 20 | 22 8 | 3 54 | 11 57 | 12 29 | 9 26 | 7 3 | 2 26 |
| M14 | 9 35 | 0 45 | 2 8 | 9 53 | 0 34 | 7 38 | 0 49 | 0 1 | 1 2 | 13 33 | 0 36 | 6 56 | 1 37 | 9 35 | 0 34 | 0 22 | 1 20 | 22 8 | 3 54 | 11 58 | 12 30 | 9 30 | 7 1 | 2 25 |
| T 15 | 9 56 | 4n45 | 3 2 | 10 47 | 0 24 | 7 22 | 0 43 | 0n18 | 1 2 | 13 30 | 0 36 | 6 54 | 1 38 | 9 37 | 0 34 | 0 21 | 1 20 | 22 8 | 3 54 | 12 0 | 12 32 | 9 33 | 6 59 | 2 25 |
| W16 | 10 17 | 10 5 | 3 48 | 11 40 | 0 14 | 7 6 | 0 37 | 0 37 | 1 2 | 13 27 | 0 37 | 6 51 | 1 38 | 9 38 | 0 34 | 0 21 | 1 20 | 22 8 | 3 53 | 12 3 | 12 33 | 9 36 | 6 57 | 2 24 |
| T 17 | 10 39 | 15 5 | 4 25 | 12 33 | 0 4 | 6 49 | 0 31 | 0 55 | 1 2 | 13 23 | 0 37 | 6 49 | 1 38 | 9 39 | 0 34 | 0 20 | 1 20 | 22 8 | 3 53 | 12 7 | 12 34 | 9 39 | 6 55 | 2 24 |
| F 18 | 11 0 | 19 32 | 4 50 | 13 26 | 0n 7 | 6 32 | 0 24 | 1 14 | 1 1 | 13 20 | 0 37 | 6 47 | 1 38 | 9 40 | 0 34 | 0 19 | 1 20 | 22 8 | 3 53 | 12 10 | 12 35 | 9 42 | 6 52 | 2 23 |
| S 19 | 11 20 | 23 14 | 5 2 | 14 17 | 0 18 | 6 14 | 0 19 | 1 33 | 1 1 | 13 17 | 0 37 | 6 45 | 1 38 | 9 42 | 0 34 | 0 19 | 1 20 | 22 8 | 3 53 | 12 15 | 12 36 | 9 45 | 6 50 | 2 23 |
| S 20 | 11 41 | 25 57 | 5 1 | 15 7 | 0 29 | 5 56 | 0 13 | 1 51 | 1 1 | 13 14 | 0 37 | 6 43 | 1 38 | 9 43 | 0 34 | 0 18 | 1 20 | 22 8 | 3 53 | 12 18 | 12 37 | 9 48 | 6 48 | 2 23 |
| M21 | 12 1 | 27 29 | 4 46 | 15 56 | 0 40 | 5 38 | 0 7 | 2 10 | 1 1 | 13 11 | 0 38 | 6 40 | 1 39 | 9 44 | 0 34 | 0 18 | 1 20 | 22 8 | 3 53 | 12 22 | 12 38 | 9 51 | 6 46 | 2 22 |
| T 22 | 12 22 | 27 40 | 4 17 | 16 44 | 0 51 | 5 20 | 0 1 | 2 29 | 1 0 | 13 8 | 0 38 | 6 38 | 1 39 | 9 45 | 0 34 | 0 17 | 1 20 | 22 8 | 3 53 | 12 24 | 12 39 | 9 55 | 6 44 | 2 22 |
| W23 | 12 42 | 26 25 | 3 36 | 17 29 | 1 2 | 5 1 | 0s 4 | 2 47 | 1 0 | 13 5 | 0 38 | 6 36 | 1 39 | 9 47 | 0 34 | 0 17 | 1 20 | 22 8 | 3 53 | 12 26 | 12 40 | 9 58 | 6 42 | 2 21 |
| T 24 | 13 1 | 23 45 | 2 42 | 18 13 | 1 13 | 4 42 | 0 9 | 3 6 | 1 0 | 13 2 | 0 38 | 6 34 | 1 39 | 9 48 | 0 34 | 0 16 | 1 20 | 22 7 | 3 53 | 12 26 | 12 41 | 10 1 | 6 40 | 2 21 |
| F 25 | 13 21 | 19 46 | 1 39 | 18 55 | 1 23 | 4 22 | 0 15 | 3 24 | 0 59 | 12 59 | 0 38 | 6 32 | 1 39 | 9 49 | 0 34 | 0 16 | 1 20 | 22 7 | 3 53 | 12 27 | 12 42 | 10 4 | 6 38 | 2 20 |
| S 26 | 13 40 | 14 39 | 0 28 | 19 34 | 1 33 | 4 2 | 0 20 | 3 43 | 0 59 | 12 56 | 0 39 | 6 30 | 1 39 | 9 50 | 0 34 | 0 15 | 1 19 | 22 7 | 3 53 | 12 26 | 12 43 | 10 7 | 6 36 | 2 20 |
| S 27 | 13 59 | 8 38 | 0s46 | 20 12 | 1 42 | 3 42 | 0 25 | 4 1 | 0 59 | 12 53 | 0 39 | 6 28 | 1 40 | 9 52 | 0 34 | 0 15 | 1 19 | 22 7 | 3 53 | 12 26 | 12 45 | 10 10 | 6 34 | 2 19 |
| M28 | 14 18 | 2 1 | 2 0 | 20 47 | 1 51 | 3 22 | 0 30 | 4 19 | 0 58 | 12 50 | 0 39 | 6 26 | 1 40 | 9 53 | 0 34 | 0 14 | 1 19 | 22 7 | 3 53 | 12 27 | 12 46 | 10 13 | 6 32 | 2 19 |
| T 29 | 14 37 | 4s52 | 3 7 | 21 19 | 2 0 | 3 1 | 0 35 | 4 38 | 0 58 | 12 47 | 0 39 | 6 24 | 1 40 | 9 54 | 0 34 | 0 14 | 1 19 | 22 7 | 3 53 | 12 28 | 12 47 | 10 16 | 6 30 | 2 18 |
| W30 | 14n55 | 11s36 | 4s 2 | 21n49 | 2n 7 | 2s40 | 0s39 | 4n56 | 0s58 | 12s44 | 0s39 | 6s22 | 1s40 | 9n55 | 0s34 | 0s13 | 1n19 | 22n 7 | 3n53 | 12s31 | 12s48 | 10n19 | 6s28 | 2s18 |

Julian Day Number = 2610881.5, Delta T = 10m26s
Ecliptic obliquity = 23°23'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'23, Lahiri = 29°57'24


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## MAY 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 38 35 | 11♉25'24 | 5♏22 | 29♉56 | 25♓50 | 15♈34 | 28♒11 | 17♓50 | 27♈15 | 3°R36 | 7♌28 | 26°R46 | 26♒ 2 | 17♈ 2 | 10°R57 | T 1 |
| F 2 | 14 42 31 | 12°23'50 | 20°33 | 1♊26 | 26°54 | 16°21 | 28°20 | 17°55 | 27°18 | 3♎35 | 7°28 | 26♒35 | 25°59 | 17° 9 | 10♎54 | F 2 |
| S 3 | 14 46 28 | 13°22'13 | 5♐30 | 2°52 | 27°58 | 17° 7 | 28°28 | 18° 0 | 27°21 | 3°33 | 7°29 | 26°24 | 25°55 | 17°15 | 10°50 | S 3 |
| S 4 | 14 50 24 | 14°20'36 | 20° 5 | 4°14 | 29° 2 | 17°53 | 28°36 | 18° 5 | 27°25 | 3°32 | 7°29 | 26°15 | 25°52 | 17°22 | 10°47 | S 4 |
| M 5 | 14 54 21 | 15°18'56 | 4♑12 | 5°31 | 0♈ 7 | 18°39 | 28°44 | 18°10 | 27°28 | 3°31 | 7°29 | 26° 7 | 25°49 | 17°29 | 10°43 | M 5 |
| T 6 | 14 58 17 | 16°17'15 | 17°49 | 6°44 | 1°12 | 19°26 | 28°52 | 18°15 | 27°31 | 3°30 | 7°30 | 26° 2 | 25°46 | 17°36 | 10°40 | T 6 |
| W 7 | 15 2 14 | 17°15'33 | 0♒58 | 7°52 | 2°17 | 20°12 | 28°59 | 18°20 | 27°34 | 3°29 | 7°30 | 26° 0 | 25°43 | 17°42 | 10°37 | W 7 |
| T 8 | 15 6 10 | 18°13'49 | 13°40 | 8°55 | 3°22 | 20°58 | 29° 7 | 18°25 | 27°38 | 3°28 | 7°31 | 25°59 | 25°40 | 17°49 | 10°34 | T 8 |
| F 9 | 15 10 7 | 19°12'03 | 26° 2 | 9°53 | 4°28 | 21°44 | 29°14 | 18°30 | 27°41 | 3°27 | 7°31 | 25°59 | 25°36 | 17°56 | 10°31 | F 9 |
| S 10 | 15 14 4 | 20°10'16 | 8♓ 8 | 10°47 | 5°33 | 22°30 | 29°21 | 18°34 | 27°44 | 3°26 | 7°32 | 25°59 | 25°33 | 18° 2 | 10°28 | S 10 |
| S 11 | 15 18 0 | 21° 8'28 | 20° 3 | 11°35 | 6°39 | 23°16 | 29°28 | 18°39 | 27°47 | 3°25 | 7°32 | 25°57 | 25°30 | 18° 9 | 10°25 | S 11 |
| M12 | 15 21 57 | 22° 6'38 | 1♈53 | 12°18 | 7°45 | 24° 2 | 29°35 | 18°44 | 27°51 | 3°24 | 7°33 | 25°53 | 25°27 | 18°16 | 10°22 | M12 |
| T 13 | 15 25 53 | 23° 4'46 | 13°41 | 12°57 | 8°51 | 24°48 | 29°42 | 18°48 | 27°54 | 3°23 | 7°33 | 25°46 | 25°24 | 18°22 | 10°19 | T 13 |
| W14 | 15 29 50 | 24° 2'53 | 25°31 | 13°30 | 9°57 | 25°34 | 29°48 | 18°52 | 27°57 | 3°22 | 7°34 | 25°36 | 25°20 | 18°29 | 10°17 | W14 |
| T 15 | 15 33 46 | 25° 0'59 | 7♉27 | 13°58 | 11° 4 | 26°20 | 29°55 | 18°57 | 28° 0 | 3°21 | 7°35 | 25°24 | 25°17 | 18°36 | 10°14 | T 15 |
| F 16 | 15 37 43 | 25°59'03 | 19°29 | 14°21 | 12°10 | 27° 6 | 0♓ 1 | 19° 1 | 28° 3 | 3°20 | 7°35 | 25°11 | 25°14 | 18°43 | 10°12 | F 16 |
| S 17 | 15 41 39 | 26°57'05 | 1♊39 | 14°38 | 13°17 | 27°51 | 0° 7 | 19° 5 | 28° 6 | 3°19 | 7°36 | 24°57 | 25°11 | 18°49 | 10°10 | S 17 |
| S 18 | 15 45 36 | 27°55'06 | 13°58 | 14°51 | 14°24 | 28°37 | 0°13 | 19° 9 | 28° 9 | 3°18 | 7°37 | 24°43 | 25° 8 | 18°56 | 10° 7 | S 18 |
| M19 | 15 49 33 | 28°53'06 | 26°27 | 14°58 | 15°30 | 29°23 | 0°19 | 19°13 | 28°13 | 3°17 | 7°38 | 24°32 | 25° 5 | 19° 3 | 10° 5 | M19 |
| T 20 | 15 53 29 | 29°51'03 | 9♋ 6 | 15°R 1 | 16°38 | 0♉ 8 | 0°25 | 19°17 | 28°16 | 3°17 | 7°38 | 24°23 | 25° 1 | 19° 9 | 10° 3 | T 20 |
| W21 | 15 57 26 | 0♊48'59 | 21°56 | 14°58 | 17°45 | 0°54 | 0°30 | 19°21 | 28°19 | 3°16 | 7°39 | 24°17 | 24°58 | 19°16 | 10° 1 | W21 |
| T 22 | 16 1 22 | 1°46'54 | 5♌ 0 | 14°51 | 18°52 | 1°39 | 0°35 | 19°25 | 28°22 | 3°15 | 7°40 | 24°14 | 24°55 | 19°23 | 10° 0 | T 22 |
| F 23 | 16 5 19 | 2°44'46 | 18°18 | 14°39 | 19°59 | 2°25 | 0°41 | 19°28 | 28°25 | 3°15 | 7°41 | 24°13 | 24°52 | 19°29 | 9°58 | F 23 |
| S 24 | 16 9 15 | 3°42'37 | 1♍53 | 14°23 | 21° 7 | 3°10 | 0°45 | 19°32 | 28°28 | 3°14 | 7°42 | 24°13 | 24°49 | 19°36 | 9°56 | S 24 |
| S 25 | 16 13 12 | 4°40'26 | 15°47 | 14° 4 | 22°15 | 3°56 | 0°50 | 19°35 | 28°30 | 3°13 | 7°42 | 24°13 | 24°46 | 19°43 | 9°55 | S 25 |
| M26 | 16 17 8 | 5°38'13 | 29°59 | 13°40 | 23°22 | 4°41 | 0°55 | 19°39 | 28°33 | 3°13 | 7°43 | 24°11 | 24°42 | 19°49 | 9°54 | M26 |
| T 27 | 16 21 5 | 6°35'59 | 14♎30 | 13°14 | 24°30 | 5°26 | 0°59 | 19°42 | 28°36 | 3°12 | 7°44 | 24° 7 | 24°39 | 19°56 | 9°52 | T 27 |
| W28 | 16 25 2 | 7°33'43 | 29°15 | 12°45 | 25°38 | 6°12 | 1° 4 | 19°45 | 28°39 | 3°12 | 7°45 | 24° 1 | 24°36 | 20° 3 | 9°51 | W28 |
| T 29 | 16 28 58 | 8°31'25 | 14♏ 8 | 12°13 | 26°46 | 6°57 | 1° 8 | 19°48 | 28°42 | 3°11 | 7°46 | 23°52 | 24°33 | 20°10 | 9°50 | T 29 |
| F 30 | 16 32 55 | 9°29'06 | 29° 2 | 11°41 | 27°54 | 7°42 | 1°12 | 19°51 | 28°45 | 3°11 | 7°47 | 23°41 | 24°30 | 20°16 | 9°49 | F 30 |
| S 31 | 16 36 51 | 10♊26'46 | 13♐46 | 11♊ 7 | 29♈ 3 | 8♉27 | 1♓15 | 19♓54 | 28♈47 | 3♎10 | 7♌48 | 23♒31 | 24♒26 | 20♈23 | 9♎49 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n13 | 17s41 | 4s41 | 22n16 | 2n14 | 2s19 | 0s44 | 5n14 | 0s57 | 12s42 | 0s40 | 6s20 | 1s40 | 9n56 | 0s34 | 0s13 | 1n19 | 22n 7 | 3n53 | 12s34 | 12s49 | 10n22 | 6s26 | 2s17 |
| F 2 | 15 31 | 22 39 | 5 0 | 22 41 | 2 20 | 1 58 | 0 48 | 5 32 | 0 57 | 12 39 | 0 40 | 6 18 | 1 40 | 9 58 | 0 34 | 0 12 | 1 19 | 22 7 | 3 53 | 12 38 | 12 50 | 10 26 | 6 24 | 2 16 |
| S 3 | 15 49 | 26 3 | 4 57 | 23 4 | 2 25 | 1 37 | 0 53 | 5 50 | 0 56 | 12 36 | 0 40 | 6 17 | 1 41 | 9 59 | 0 34 | 0 12 | 1 19 | 22 7 | 3 53 | 12 41 | 12 51 | 10 29 | 6 22 | 2 16 |
| S 4 | 16 6 | 27 36 | 4 36 | 23 24 | 2 30 | 1 15 | 0 57 | 6 8 | 0 56 | 12 34 | 0 40 | 6 15 | 1 41 | 10 0 | 0 34 | 0 11 | 1 19 | 22 6 | 3 53 | 12 44 | 12 52 | 10 32 | 6 20 | 2 15 |
| M 5 | 16 23 | 27 17 | 3 58 | 23 41 | 2 33 | 0 53 | 1 1 | 6 26 | 0 56 | 12 31 | 0 40 | 6 13 | 1 41 | 10 1 | 0 34 | 0 11 | 1 19 | 22 6 | 3 53 | 12 47 | 12 53 | 10 35 | 6 18 | 2 15 |
| T 6 | 16 40 | 25 18 | 3 7 | 23 57 | 2 36 | 0 31 | 1 5 | 6 44 | 0 55 | 12 29 | 0 41 | 6 11 | 1 41 | 10 2 | 0 34 | 0 10 | 1 19 | 22 6 | 3 53 | 12 49 | 12 54 | 10 38 | 6 16 | 2 14 |
| W 7 | 16 57 | 21 59 | 2 8 | 24 9 | 2 37 | 0 9 | 1 8 | 7 2 | 0 55 | 12 26 | 0 41 | 6 9 | 1 41 | 10 3 | 0 34 | 0 10 | 1 19 | 22 6 | 3 53 | 12 49 | 12 55 | 10 41 | 6 15 | 2 14 |
| T 8 | 17 13 | 17 43 | 1 5 | 24 20 | 2 38 | 0n14 | 1 12 | 7 19 | 0 55 | 12 24 | 0 41 | 6 8 | 1 42 | 10 5 | 0 34 | 0 10 | 1 19 | 22 6 | 3 53 | 12 50 | 12 56 | 10 44 | 6 13 | 2 13 |
| F 9 | 17 29 | 12 48 | 0n 0 | 24 29 | 2 37 | 0 37 | 1 16 | 7 37 | 0 54 | 12 21 | 0 41 | 6 6 | 1 42 | 10 6 | 0 34 | 0 9 | 1 19 | 22 6 | 3 53 | 12 50 | 12 57 | 10 47 | 6 11 | 2 13 |
| S 10 | 17 45 | 7 31 | 1 4 | 24 35 | 2 36 | 0 59 | 1 19 | 7 54 | 0 54 | 12 19 | 0 41 | 6 4 | 1 42 | 10 7 | 0 34 | 0 9 | 1 19 | 22 6 | 3 53 | 12 50 | 12 58 | 10 50 | 6 10 | 2 12 |
| S 11 | 18 0 | 2 2 | 2 4 | 24 39 | 2 33 | 1 22 | 1 23 | 8 12 | 0 53 | 12 17 | 0 42 | 6 3 | 1 42 | 10 8 | 0 34 | 0 8 | 1 19 | 22 5 | 3 53 | 12 50 | 12 59 | 10 53 | 6 8 | 2 12 |
| M12 | 18 15 | 3n28 | 2 58 | 24 41 | 2 30 | 1 45 | 1 26 | 8 29 | 0 53 | 12 15 | 0 42 | 6 1 | 1 42 | 10 9 | 0 34 | 0 8 | 1 19 | 22 5 | 3 53 | 12 52 | 13 1 | 10 56 | 6 6 | 2 11 |
| T 13 | 18 30 | 8 49 | 3 44 | 24 42 | 2 25 | 2 8 | 1 29 | 8 46 | 0 52 | 12 13 | 0 42 | 6 0 | 1 43 | 10 10 | 0 34 | 0 8 | 1 19 | 22 5 | 3 53 | 12 54 | 13 2 | 10 59 | 6 5 | 2 10 |
| W14 | 18 44 | 13 53 | 4 20 | 24 40 | 2 19 | 2 31 | 1 32 | 9 3 | 0 52 | 12 10 | 0 42 | 5 58 | 1 43 | 10 11 | 0 34 | 0 7 | 1 19 | 22 5 | 3 53 | 12 57 | 13 3 | 11 2 | 6 3 | 2 10 |
| T 15 | 18 59 | 18 27 | 4 45 | 24 36 | 2 12 | 2 55 | 1 35 | 9 20 | 0 51 | 12 8 | 0 43 | 5 57 | 1 43 | 10 13 | 0 34 | 0 7 | 1 19 | 22 5 | 3 53 | 13 1 | 13 4 | 11 5 | 6 2 | 2 9 |
| F 16 | 19 12 | 22 20 | 4 58 | 24 31 | 2 4 | 3 18 | 1 37 | 9 37 | 0 51 | 12 6 | 0 43 | 5 55 | 1 43 | 10 14 | 0 34 | 0 7 | 1 19 | 22 4 | 3 52 | 13 6 | 13 5 | 11 8 | 6 0 | 2 9 |
| S 17 | 19 26 | 25 18 | 4 57 | 24 24 | 1 55 | 3 42 | 1 40 | 9 54 | 0 51 | 12 5 | 0 43 | 5 54 | 1 43 | 10 15 | 0 34 | 0 6 | 1 19 | 22 4 | 3 52 | 13 11 | 13 6 | 11 11 | 5 59 | 2 8 |
| S 18 | 19 39 | 27 7 | 4 43 | 24 15 | 1 44 | 4 5 | 1 43 | 10 11 | 0 50 | 12 3 | 0 43 | 5 52 | 1 44 | 10 16 | 0 34 | 0 6 | 1 19 | 22 4 | 3 52 | 13 15 | 13 7 | 11 15 | 5 57 | 2 8 |
| M19 | 19 52 | 27 35 | 4 15 | 24 5 | 1 33 | 4 29 | 1 45 | 10 27 | 0 50 | 12 1 | 0 43 | 5 51 | 1 44 | 10 17 | 0 34 | 0 6 | 1 19 | 22 4 | 3 52 | 13 19 | 13 8 | 11 18 | 5 56 | 2 7 |
| T 20 | 20 4 | 26 38 | 3 34 | 23 53 | 1 21 | 4 52 | 1 47 | 10 44 | 0 49 | 11 59 | 0 44 | 5 50 | 1 44 | 10 18 | 0 34 | 0 6 | 1 19 | 22 4 | 3 52 | 13 22 | 13 9 | 11 21 | 5 55 | 2 7 |
| W21 | 20 16 | 24 16 | 2 42 | 23 39 | 1 7 | 5 16 | 1 49 | 11 0 | 0 49 | 11 57 | 0 44 | 5 48 | 1 44 | 10 19 | 0 34 | 0 5 | 1 19 | 22 3 | 3 52 | 13 24 | 13 10 | 11 24 | 5 54 | 2 6 |
| T 22 | 20 28 | 20 35 | 1 40 | 23 24 | 0 53 | 5 39 | 1 51 | 11 16 | 0 48 | 11 56 | 0 44 | 5 47 | 1 44 | 10 20 | 0 34 | 0 5 | 1 19 | 22 3 | 3 52 | 13 25 | 13 11 | 11 27 | 5 52 | 2 5 |
| F 23 | 20 40 | 15 48 | 0 31 | 23 8 | 0 38 | 6 3 | 1 53 | 11 32 | 0 48 | 11 54 | 0 44 | 5 46 | 1 45 | 10 21 | 0 34 | 0 5 | 1 19 | 22 3 | 3 52 | 13 25 | 13 12 | 11 30 | 5 51 | 2 5 |
| S 24 | 20 51 | 10 9 | 0s40 | 22 50 | 0 22 | 6 26 | 1 55 | 11 48 | 0 47 | 11 53 | 0 45 | 5 45 | 1 45 | 10 22 | 0 34 | 0 5 | 1 19 | 22 3 | 3 52 | 13 25 | 13 13 | 11 33 | 5 50 | 2 4 |
| S 25 | 21 1 | 3 53 | 1 51 | 22 32 | 0 6 | 6 50 | 1 57 | 12 4 | 0 47 | 11 51 | 0 45 | 5 44 | 1 45 | 10 23 | 0 34 | 0 4 | 1 19 | 22 2 | 3 52 | 13 25 | 13 14 | 11 36 | 5 49 | 2 4 |
| M26 | 21 12 | 2s42 | 2 57 | 22 12 | 0s11 | 7 13 | 1 59 | 12 20 | 0 46 | 11 50 | 0 45 | 5 42 | 1 45 | 10 24 | 0 34 | 0 4 | 1 19 | 22 2 | 3 52 | 13 26 | 13 15 | 11 39 | 5 48 | 2 3 |
| T 27 | 21 22 | 9 17 | 3 53 | 21 52 | 0 29 | 7 37 | 2 0 | 12 35 | 0 46 | 11 48 | 0 45 | 5 41 | 1 46 | 10 25 | 0 34 | 0 4 | 1 19 | 22 2 | 3 52 | 13 27 | 13 16 | 11 42 | 5 47 | 2 2 |
| W28 | 21 31 | 15 27 | 4 34 | 21 30 | 0 46 | 8 0 | 2 1 | 12 51 | 0 45 | 11 47 | 0 46 | 5 40 | 1 46 | 10 26 | 0 34 | 0 4 | 1 19 | 22 2 | 3 52 | 13 29 | 13 18 | 11 45 | 5 46 | 2 2 |
| T 29 | 21 40 | 20 46 | 4 57 | 21 9 | 1 4 | 8 23 | 2 3 | 13 6 | 0 45 | 11 46 | 0 46 | 5 39 | 1 46 | 10 27 | 0 34 | 0 4 | 1 19 | 22 1 | 3 52 | 13 32 | 13 19 | 11 48 | 5 45 | 2 1 |
| F 30 | 21 49 | 24 46 | 5 0 | 20 47 | 1 22 | 8 47 | 2 4 | 13 21 | 0 44 | 11 45 | 0 46 | 5 38 | 1 46 | 10 28 | 0 34 | 0 3 | 1 19 | 22 1 | 3 52 | 13 36 | 13 20 | 11 51 | 5 44 | 2 1 |
| S 31 | 21n58 | 27s 5 | 4s43 | 20n25 | 1s39 | 9n10 | 2s 5 | 13n36 | 0s43 | 11s44 | 0s46 | 5s37 | 1s47 | 10n29 | 0s34 | 0s 3 | 1n19 | 22n 1 | 3n52 | 13s39 | 13s21 | 11n54 | 5s43 | 2s 0 |

Julian Day Number = 2610911.5, Delta T = 10m27s
Ecliptic obliquity = 23°23'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'27, Lahiri = 29°57'28


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## JUNE 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 40 48 | 11♊24'25 | 28♐14 | 10°R33 | 0♉11 | 9♉12 | 1♓19 | 19♓57 | 28♈50 | 3°R10 | 7♌49 | 23°R21 | 24♒23 | 20♈30 | 9°R48 | S 1 |
| M 2 | 16 44 44 | 12°22'03 | 12♑18 | 9♊59 | 1°19 | 9°57 | 1°22 | 20° 0 | 28°53 | 3♎ 9 | 7°50 | 23♒14 | 24°20 | 20°36 | 9♎48 | M 2 |
| T 3 | 16 48 41 | 13°19'39 | 25°55 | 9°26 | 2°28 | 10°42 | 1°26 | 20° 3 | 28°56 | 3° 9 | 7°51 | 23° 8 | 24°17 | 20°43 | 9°47 | T 3 |
| W 4 | 16 52 38 | 14°17'14 | 9♒ 6 | 8°54 | 3°37 | 11°27 | 1°29 | 20° 5 | 28°58 | 3° 9 | 7°52 | 23° 6 | 24°14 | 20°50 | 9°47 | W 4 |
| T 5 | 16 56 34 | 15°14'49 | 21°52 | 8°24 | 4°45 | 12°12 | 1°32 | 20° 8 | 29° 1 | 3° 9 | 7°53 | 23°D 5 | 24°11 | 20°56 | 9°47 | T 5 |
| F 6 | 17 0 31 | 16°12'23 | 4♓17 | 7°56 | 5°54 | 12°56 | 1°34 | 20°10 | 29° 3 | 3° 8 | 7°55 | 23° 5 | 24° 7 | 21° 3 | 9°D46 | F 6 |
| S 7 | 17 4 27 | 17° 9'55 | 16°25 | 7°32 | 7° 3 | 13°41 | 1°37 | 20°13 | 29° 6 | 3° 8 | 7°56 | 23°R 5 | 24° 4 | 21°10 | 9°46 | S 7 |
| S 8 | 17 8 24 | 18° 7'27 | 28°22 | 7°10 | 8°12 | 14°26 | 1°39 | 20°15 | 29° 9 | 3° 8 | 7°57 | 23° 5 | 24° 1 | 21°17 | 9°47 | S 8 |
| M 9 | 17 12 20 | 19° 4'58 | 10♈14 | 6°52 | 9°21 | 15°10 | 1°41 | 20°17 | 29°11 | 3° 8 | 7°58 | 23° 3 | 23°58 | 21°23 | 9°47 | M 9 |
| T 10 | 17 16 17 | 20° 2'29 | 22° 4 | 6°38 | 10°30 | 15°55 | 1°43 | 20°19 | 29°13 | 3° 8 | 7°59 | 22°58 | 23°55 | 21°30 | 9°47 | T 10 |
| W11 | 17 20 13 | 20°59'58 | 3♉57 | 6°28 | 11°40 | 16°40 | 1°45 | 20°21 | 29°16 | 3° 8 | 8° 0 | 22°51 | 23°52 | 21°37 | 9°48 | W11 |
| T 12 | 17 24 10 | 21°57'27 | 15°58 | 6°22 | 12°49 | 17°24 | 1°46 | 20°23 | 29°18 | 3° 7 | 8° 2 | 22°42 | 23°48 | 21°43 | 9°48 | T 12 |
| F 13 | 17 28 7 | 22°54'55 | 28° 8 | 6°D21 | 13°58 | 18° 8 | 1°48 | 20°25 | 29°21 | 3°D 7 | 8° 3 | 22°32 | 23°45 | 21°50 | 9°49 | F 13 |
| S 14 | 17 32 3 | 23°52'23 | 10♊29 | 6°24 | 15° 8 | 18°53 | 1°49 | 20°26 | 29°23 | 3° 7 | 8° 4 | 22°21 | 23°42 | 21°57 | 9°50 | S 14 |
| S 15 | 17 36 0 | 24°49'50 | 23° 2 | 6°31 | 16°17 | 19°37 | 1°50 | 20°28 | 29°25 | 3° 8 | 8° 5 | 22°11 | 23°39 | 22° 4 | 9°51 | S 15 |
| M16 | 17 39 56 | 25°47'16 | 5♋48 | 6°43 | 17°27 | 20°21 | 1°51 | 20°30 | 29°28 | 3° 8 | 8° 7 | 22° 2 | 23°36 | 22°10 | 9°52 | M16 |
| T 17 | 17 43 53 | 26°44'41 | 18°46 | 7° 0 | 18°36 | 21° 5 | 1°51 | 20°31 | 29°30 | 3° 8 | 8° 8 | 21°56 | 23°32 | 22°17 | 9°53 | T 17 |
| W18 | 17 47 49 | 27°42'05 | 1♌55 | 7°21 | 19°46 | 21°50 | 1°52 | 20°32 | 29°32 | 3° 8 | 8° 9 | 21°52 | 23°29 | 22°24 | 9°54 | W18 |
| T 19 | 17 51 46 | 28°39'28 | 15°16 | 7°46 | 20°56 | 22°34 | 1°52 | 20°33 | 29°34 | 3° 8 | 8°11 | 21°50 | 23°26 | 22°30 | 9°56 | T 19 |
| F 20 | 17 55 42 | 29°36'50 | 28°49 | 8°16 | 22° 6 | 23°18 | 1°R52 | 20°34 | 29°36 | 3° 8 | 8°12 | 21°D50 | 23°23 | 22°37 | 9°57 | F 20 |
| S 21 | 17 59 39 | 0♋34'11 | 12♍33 | 8°50 | 23°16 | 24° 2 | 1°52 | 20°35 | 29°38 | 3° 8 | 8°14 | 21°51 | 23°20 | 22°44 | 9°59 | S 21 |
| S 22 | 18 3 36 | 1°31'32 | 26°29 | 9°28 | 24°26 | 24°45 | 1°51 | 20°36 | 29°40 | 3° 9 | 8°15 | 21°R52 | 23°17 | 22°50 | 10° 0 | S 22 |
| M23 | 18 7 32 | 2°28'51 | 10♎36 | 10°11 | 25°36 | 25°29 | 1°51 | 20°37 | 29°42 | 3° 9 | 8°16 | 21°51 | 23°13 | 22°57 | 10° 2 | M23 |
| T 24 | 18 11 29 | 3°26'09 | 24°53 | 10°57 | 26°46 | 26°13 | 1°50 | 20°38 | 29°44 | 3° 9 | 8°18 | 21°49 | 23°10 | 23° 4 | 10° 4 | T 24 |
| W25 | 18 15 25 | 4°23'27 | 9♏19 | 11°48 | 27°56 | 26°57 | 1°49 | 20°38 | 29°46 | 3°10 | 8°19 | 21°46 | 23° 7 | 23°11 | 10° 6 | W25 |
| T 26 | 18 19 22 | 5°20'44 | 23°48 | 12°43 | 29° 6 | 27°40 | 1°48 | 20°39 | 29°48 | 3°10 | 8°21 | 21°40 | 23° 4 | 23°17 | 10° 8 | T 26 |
| F 27 | 18 23 18 | 6°18'00 | 8♐15 | 13°41 | 0♊16 | 28°24 | 1°46 | 20°39 | 29°50 | 3°11 | 8°22 | 21°34 | 23° 1 | 23°24 | 10°11 | F 27 |
| S 28 | 18 27 15 | 7°15'16 | 22°35 | 14°43 | 1°27 | 29° 7 | 1°45 | 20°40 | 29°51 | 3°11 | 8°24 | 21°27 | 22°58 | 23°31 | 10°13 | S 28 |
| S 29 | 18 31 11 | 8°12'31 | 6♑42 | 15°49 | 2°37 | 29°51 | 1°43 | 20°40 | 29°53 | 3°12 | 8°25 | 21°20 | 22°54 | 23°37 | 10°16 | S 29 |
| M30 | 18 35 8 | 9♋ 9'46 | 20♑30 | 16♊59 | 3♊47 | 0♊34 | 1♓41 | 20♓40 | 29♈55 | 3♎12 | 8♌27 | 21♒15 | 22♒51 | 23♈44 | 10♎18 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 6 | 27s30 | 4s 8 | 20n 4 | 1s56 | 9n33 | 2s 6 | 13n51 | 0s43 | 11s42 | 0s47 | 5s36 | 1s47 | 10n30 | 0s34 | 0s 3 | 1n19 | 22n 1 | 3n52 | 13s42 | 13s22 | 11n57 | 5s42 | 2s 0 |
| M 2 | 22 14 | 26 7 | 3 18 | 19 43 | 2 12 | 9 56 | 2 7 | 14 6 | 0 42 | 11 42 | 0 47 | 5 35 | 1 47 | 10 31 | 0 34 | 0 3 | 1 19 | 22 0 | 3 52 | 13 45 | 13 23 | 12 0 | 5 42 | 1 59 |
| T 3 | 22 21 | 23 11 | 2 19 | 19 23 | 2 28 | 10 18 | 2 7 | 14 20 | 0 42 | 11 41 | 0 47 | 5 35 | 1 47 | 10 32 | 0 34 | 0 3 | 1 18 | 22 0 | 3 52 | 13 46 | 13 24 | 12 3 | 5 41 | 1 58 |
| W 4 | 22 28 | 19 7 | 1 14 | 19 3 | 2 43 | 10 41 | 2 8 | 14 35 | 0 41 | 11 40 | 0 47 | 5 34 | 1 47 | 10 33 | 0 34 | 0 3 | 1 18 | 22 0 | 3 52 | 13 47 | 13 25 | 12 6 | 5 40 | 1 58 |
| T 5 | 22 34 | 14 17 | 0 6 | 18 45 | 2 57 | 11 3 | 2 9 | 14 49 | 0 41 | 11 39 | 0 48 | 5 33 | 1 48 | 10 34 | 0 34 | 0 3 | 1 18 | 21 59 | 3 52 | 13 48 | 13 26 | 12 9 | 5 40 | 1 57 |
| F 6 | 22 40 | 9 0 | 0n59 | 18 28 | 3 9 | 11 26 | 2 9 | 15 3 | 0 40 | 11 38 | 0 48 | 5 32 | 1 48 | 10 35 | 0 34 | 0 3 | 1 18 | 21 59 | 3 52 | 13 47 | 13 27 | 12 12 | 5 39 | 1 57 |
| S 7 | 22 46 | 3 29 | 2 1 | 18 13 | 3 21 | 11 48 | 2 9 | 15 17 | 0 39 | 11 38 | 0 48 | 5 32 | 1 48 | 10 36 | 0 34 | 0 3 | 1 18 | 21 59 | 3 52 | 13 47 | 13 28 | 12 15 | 5 39 | 1 56 |
| S 8 | 22 51 | 2n 3 | 2 56 | 17 59 | 3 32 | 12 10 | 2 9 | 15 31 | 0 39 | 11 37 | 0 48 | 5 31 | 1 48 | 10 37 | 0 34 | 0 3 | 1 18 | 21 58 | 3 52 | 13 48 | 13 29 | 12 18 | 5 38 | 1 56 |
| M 9 | 22 56 | 7 28 | 3 44 | 17 47 | 3 41 | 12 32 | 2 10 | 15 44 | 0 38 | 11 37 | 0 49 | 5 30 | 1 49 | 10 37 | 0 34 | 0 3 | 1 18 | 21 58 | 3 52 | 13 48 | 13 30 | 12 21 | 5 38 | 1 55 |
| T 10 | 23 1 | 12 37 | 4 21 | 17 36 | 3 49 | 12 53 | 2 10 | 15 58 | 0 38 | 11 36 | 0 49 | 5 30 | 1 49 | 10 38 | 0 34 | 0 3 | 1 18 | 21 58 | 3 52 | 13 50 | 13 31 | 12 24 | 5 37 | 1 54 |
| W11 | 23 5 | 17 19 | 4 48 | 17 28 | 3 56 | 13 14 | 2 10 | 16 11 | 0 37 | 11 36 | 0 49 | 5 29 | 1 49 | 10 39 | 0 34 | 0 3 | 1 18 | 21 57 | 3 52 | 13 52 | 13 32 | 12 27 | 5 37 | 1 54 |
| T 12 | 23 8 | 21 23 | 5 2 | 17 22 | 4 1 | 13 36 | 2 9 | 16 24 | 0 36 | 11 35 | 0 49 | 5 29 | 1 49 | 10 40 | 0 34 | 0 3 | 1 18 | 21 57 | 3 52 | 13 55 | 13 33 | 12 30 | 5 37 | 1 53 |
| F 13 | 23 12 | 24 36 | 5 2 | 17 17 | 4 5 | 13 56 | 2 9 | 16 37 | 0 36 | 11 35 | 0 50 | 5 28 | 1 50 | 10 41 | 0 34 | 0 3 | 1 18 | 21 57 | 3 52 | 13 58 | 13 34 | 12 32 | 5 36 | 1 53 |
| S 14 | 23 15 | 26 44 | 4 49 | 17 15 | 4 9 | 14 17 | 2 9 | 16 50 | 0 35 | 11 35 | 0 50 | 5 28 | 1 50 | 10 42 | 0 34 | 0 3 | 1 18 | 21 56 | 3 52 | 14 2 | 13 35 | 12 35 | 5 36 | 1 52 |
| S 15 | 23 17 | 27 33 | 4 21 | 17 14 | 4 11 | 14 37 | 2 8 | 17 3 | 0 35 | 11 35 | 0 50 | 5 27 | 1 50 | 10 42 | 0 34 | 0 3 | 1 18 | 21 56 | 3 52 | 14 5 | 13 36 | 12 38 | 5 36 | 1 52 |
| M16 | 23 19 | 26 56 | 3 40 | 17 15 | 4 11 | 14 57 | 2 8 | 17 15 | 0 34 | 11 35 | 0 50 | 5 27 | 1 50 | 10 43 | 0 34 | 0 3 | 1 18 | 21 56 | 3 52 | 14 8 | 13 37 | 12 41 | 5 36 | 1 51 |
| T 17 | 23 21 | 24 50 | 2 47 | 17 18 | 4 11 | 15 17 | 2 7 | 17 27 | 0 33 | 11 35 | 0 51 | 5 27 | 1 51 | 10 44 | 0 34 | 0 3 | 1 18 | 21 55 | 3 52 | 14 10 | 13 39 | 12 44 | 5 36 | 1 50 |
| W18 | 23 22 | 21 23 | 1 45 | 17 23 | 4 10 | 15 36 | 2 6 | 17 39 | 0 33 | 11 35 | 0 51 | 5 26 | 1 51 | 10 45 | 0 34 | 0 3 | 1 18 | 21 55 | 3 52 | 14 11 | 13 40 | 12 47 | 5 36 | 1 50 |
| T 19 | 23 23 | 16 47 | 0 35 | 17 29 | 4 7 | 15 56 | 2 6 | 17 51 | 0 32 | 11 35 | 0 51 | 5 26 | 1 51 | 10 45 | 0 34 | 0 3 | 1 18 | 21 55 | 3 52 | 14 12 | 13 41 | 12 50 | 5 36 | 1 49 |
| F 20 | 23 23 | 11 16 | 0s37 | 17 37 | 4 4 | 16 14 | 2 5 | 18 3 | 0 31 | 11 35 | 0 52 | 5 26 | 1 51 | 10 46 | 0 34 | 0 3 | 1 18 | 21 54 | 3 52 | 14 12 | 13 42 | 12 53 | 5 36 | 1 49 |
| S 21 | 23 23 | 5 9 | 1 49 | 17 46 | 4 0 | 16 33 | 2 4 | 18 14 | 0 31 | 11 36 | 0 52 | 5 26 | 1 52 | 10 47 | 0 35 | 0 3 | 1 18 | 21 54 | 3 52 | 14 12 | 13 43 | 12 56 | 5 36 | 1 48 |
| S 22 | 23 23 | 1s17 | 2 55 | 17 57 | 3 55 | 16 51 | 2 3 | 18 26 | 0 30 | 11 36 | 0 52 | 5 26 | 1 52 | 10 47 | 0 35 | 0 3 | 1 18 | 21 54 | 3 52 | 14 11 | 13 44 | 12 59 | 5 36 | 1 48 |
| M23 | 23 22 | 7 44 | 3 52 | 18 9 | 3 49 | 17 9 | 2 2 | 18 37 | 0 29 | 11 37 | 0 52 | 5 26 | 1 52 | 10 48 | 0 35 | 0 4 | 1 18 | 21 53 | 3 52 | 14 11 | 13 45 | 13 2 | 5 36 | 1 47 |
| T 24 | 23 20 | 13 52 | 4 35 | 18 22 | 3 42 | 17 26 | 2 0 | 18 48 | 0 29 | 11 37 | 0 53 | 5 26 | 1 52 | 10 49 | 0 35 | 0 4 | 1 18 | 21 53 | 3 52 | 14 12 | 13 46 | 13 5 | 5 37 | 1 46 |
| W25 | 23 19 | 19 18 | 5 1 | 18 36 | 3 35 | 17 43 | 1 59 | 18 59 | 0 28 | 11 38 | 0 53 | 5 26 | 1 53 | 10 49 | 0 35 | 0 4 | 1 18 | 21 53 | 3 52 | 14 13 | 13 47 | 13 8 | 5 37 | 1 46 |
| T 26 | 23 17 | 23 38 | 5 7 | 18 51 | 3 27 | 18 0 | 1 58 | 19 9 | 0 27 | 11 38 | 0 53 | 5 26 | 1 53 | 10 50 | 0 35 | 0 4 | 1 18 | 21 52 | 3 52 | 14 15 | 13 48 | 13 11 | 5 37 | 1 45 |
| F 27 | 23 14 | 26 29 | 4 55 | 19 6 | 3 19 | 18 16 | 1 56 | 19 19 | 0 27 | 11 39 | 0 53 | 5 26 | 1 53 | 10 51 | 0 35 | 0 4 | 1 18 | 21 52 | 3 52 | 14 17 | 13 49 | 13 14 | 5 38 | 1 45 |
| S 28 | 23 11 | 27 34 | 4 24 | 19 22 | 3 10 | 18 32 | 1 55 | 19 30 | 0 26 | 11 40 | 0 54 | 5 26 | 1 53 | 10 51 | 0 35 | 0 5 | 1 18 | 21 51 | 3 52 | 14 19 | 13 50 | 13 16 | 5 38 | 1 44 |
| S 29 | 23 8 | 26 50 | 3 37 | 19 39 | 3 0 | 18 47 | 1 53 | 19 40 | 0 25 | 11 41 | 0 54 | 5 26 | 1 54 | 10 52 | 0 35 | 0 5 | 1 18 | 21 51 | 3 52 | 14 21 | 13 51 | 13 19 | 5 39 | 1 44 |
| M30 | 23n 4 | 24s26 | 2s38 | 19n56 | 2s50 | 19n 2 | 1s52 | 19n49 | 0s25 | 11s42 | 0s54 | 5s26 | 1s54 | 10n52 | 0s35 | 0s 5 | 1n18 | 21n51 | 3n52 | 14s23 | 13s52 | 13n22 | 5s39 | 1s43 |

Julian Day Number = 2610942.5, Delta T = 10m27s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'31, Lahiri = 29°57'33


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## JULY 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 39 5 | 10♋ 7'00 | 3♒58 | 18♊12 | 4♊58 | 1♊17 | 1°R39 | 20°R40 | 29♈57 | 3♎13 | 8♌28 | 21°R12 | 22♒48 | 23♈51 | 10♎21 | T 1 |
| W 2 | 18 43 1 | 11° 4'14 | 17° 3 | 19°29 | 6° 9 | 2° 1 | 1♓37 | 20♓40 | 29°58 | 3°13 | 8°30 | 21°D11 | 22°45 | 23°57 | 10°24 | W 2 |
| T 3 | 18 46 58 | 12° 1'28 | 29°47 | 20°49 | 7°19 | 2°44 | 1°35 | 20°40 | 29°59 | 3°14 | 8°31 | 21♒11 | 22°42 | 24° 4 | 10°27 | T 3 |
| F 4 | 18 50 54 | 12°58'41 | 12♓13 | 22°14 | 8°30 | 3°27 | 1°32 | 20°39 | 0♉ 1 | 3°14 | 8°33 | 21°12 | 22°38 | 24°11 | 10°30 | F 4 |
| S 5 | 18 54 51 | 13°55'55 | 24°23 | 23°41 | 9°41 | 4°10 | 1°29 | 20°39 | 0° 3 | 3°15 | 8°34 | 21°14 | 22°35 | 24°18 | 10°33 | S 5 |
| S 6 | 18 58 47 | 14°53'09 | 6♈22 | 25°12 | 10°51 | 4°53 | 1°26 | 20°39 | 0° 4 | 3°16 | 8°36 | 21°15 | 22°32 | 24°24 | 10°36 | S 6 |
| M 7 | 19 2 44 | 15°50'23 | 18°15 | 26°46 | 12° 2 | 5°36 | 1°23 | 20°38 | 0° 5 | 3°17 | 8°37 | 21°R16 | 22°29 | 24°31 | 10°40 | M 7 |
| T 8 | 19 6 40 | 16°47'37 | 0♉ 7 | 28°24 | 13°13 | 6°19 | 1°19 | 20°37 | 0° 7 | 3°17 | 8°39 | 21°15 | 22°26 | 24°38 | 10°43 | T 8 |
| W 9 | 19 10 37 | 17°44'51 | 12° 3 | 0♋ 5 | 14°24 | 7° 2 | 1°16 | 20°36 | 0° 8 | 3°18 | 8°40 | 21°12 | 22°23 | 24°44 | 10°47 | W 9 |
| T 10 | 19 14 34 | 18°42'05 | 24° 7 | 1°49 | 15°35 | 7°44 | 1°12 | 20°36 | 0° 9 | 3°19 | 8°42 | 21° 9 | 22°19 | 24°51 | 10°50 | T 10 |
| F 11 | 19 18 30 | 19°39'20 | 6♊22 | 3°37 | 16°46 | 8°27 | 1° 8 | 20°35 | 0°11 | 3°20 | 8°44 | 21° 4 | 22°16 | 24°58 | 10°54 | F 11 |
| S 12 | 19 22 27 | 20°36'34 | 18°52 | 5°27 | 17°57 | 9°10 | 1° 4 | 20°34 | 0°12 | 3°21 | 8°45 | 20°59 | 22°13 | 25° 5 | 10°58 | S 12 |
| S 13 | 19 26 23 | 21°33'49 | 1♋38 | 7°20 | 19° 8 | 9°52 | 1° 0 | 20°32 | 0°13 | 3°22 | 8°47 | 20°54 | 22°10 | 25°11 | 11° 2 | S 13 |
| M14 | 19 30 20 | 22°31'04 | 14°40 | 9°16 | 20°20 | 10°35 | 0°56 | 20°31 | 0°14 | 3°23 | 8°49 | 20°50 | 22° 7 | 25°18 | 11° 6 | M14 |
| T 15 | 19 34 16 | 23°28'19 | 27°58 | 11°14 | 21°31 | 11°17 | 0°51 | 20°30 | 0°15 | 3°24 | 8°50 | 20°47 | 22° 4 | 25°25 | 11°10 | T 15 |
| W16 | 19 38 13 | 24°25'34 | 11♌31 | 13°15 | 22°42 | 11°59 | 0°46 | 20°28 | 0°16 | 3°25 | 8°52 | 20°46 | 22° 0 | 25°31 | 11°14 | W16 |
| T 17 | 19 42 10 | 25°22'50 | 25°17 | 15°18 | 23°53 | 12°42 | 0°41 | 20°27 | 0°17 | 3°26 | 8°53 | 20°D45 | 21°57 | 25°38 | 11°19 | T 17 |
| F 18 | 19 46 6 | 26°20'05 | 9♍12 | 17°22 | 25° 5 | 13°24 | 0°36 | 20°25 | 0°18 | 3°27 | 8°55 | 20°46 | 21°54 | 25°45 | 11°23 | F 18 |
| S 19 | 19 50 3 | 27°17'20 | 23°16 | 19°28 | 26°16 | 14° 6 | 0°31 | 20°23 | 0°19 | 3°28 | 8°57 | 20°47 | 21°51 | 25°52 | 11°28 | S 19 |
| S 20 | 19 53 59 | 28°14'35 | 7♎25 | 21°35 | 27°28 | 14°48 | 0°26 | 20°22 | 0°19 | 3°29 | 8°58 | 20°49 | 21°48 | 25°58 | 11°32 | S 20 |
| M21 | 19 57 56 | 29°11'50 | 21°38 | 23°43 | 28°39 | 15°30 | 0°20 | 20°20 | 0°20 | 3°30 | 9° 0 | 20°50 | 21°44 | 26° 5 | 11°37 | M21 |
| T 22 | 20 1 52 | 0♌ 9'05 | 5♏52 | 25°52 | 29°51 | 16°12 | 0°14 | 20°18 | 0°21 | 3°31 | 9° 2 | 20°R50 | 21°41 | 26°12 | 11°42 | T 22 |
| W23 | 20 5 49 | 1° 6'20 | 20° 4 | 28° 0 | 1♋ 2 | 16°54 | 0° 9 | 20°15 | 0°21 | 3°33 | 9° 3 | 20°49 | 21°38 | 26°18 | 11°47 | W23 |
| T 24 | 20 9 45 | 2° 3'35 | 4♐12 | 0♌ 9 | 2°14 | 17°35 | 0° 3 | 20°13 | 0°22 | 3°34 | 9° 5 | 20°47 | 21°35 | 26°25 | 11°52 | T 24 |
| F 25 | 20 13 42 | 3° 0'50 | 18°14 | 2°18 | 3°26 | 18°17 | 29♒57 | 20°11 | 0°22 | 3°35 | 9° 7 | 20°45 | 21°32 | 26°32 | 11°57 | F 25 |
| S 26 | 20 17 39 | 3°58'06 | 2♑ 6 | 4°26 | 4°38 | 18°59 | 29°50 | 20° 9 | 0°23 | 3°36 | 9° 9 | 20°43 | 21°29 | 26°38 | 12° 2 | S 26 |
| S 27 | 20 21 35 | 4°55'22 | 15°46 | 6°33 | 5°49 | 19°40 | 29°44 | 20° 6 | 0°23 | 3°38 | 9°10 | 20°41 | 21°25 | 26°45 | 12° 7 | S 27 |
| M28 | 20 25 32 | 5°52'38 | 29°11 | 8°39 | 7° 1 | 20°22 | 29°38 | 20° 4 | 0°24 | 3°39 | 9°12 | 20°39 | 21°22 | 26°52 | 12°13 | M28 |
| T 29 | 20 29 28 | 6°49'54 | 12♒20 | 10°45 | 8°13 | 21° 3 | 29°31 | 20° 1 | 0°24 | 3°40 | 9°14 | 20°38 | 21°19 | 26°59 | 12°18 | T 29 |
| W30 | 20 33 25 | 7°47'11 | 25°12 | 12°48 | 9°25 | 21°44 | 29°24 | 19°58 | 0°24 | 3°42 | 9°15 | 20°D38 | 21°16 | 27° 5 | 12°24 | W30 |
| T 31 | 20 37 21 | 8♌44'29 | 7♓48 | 14♌51 | 10♋37 | 22♊26 | 29♒18 | 19♓56 | 0♉25 | 3♎43 | 9♌17 | 20♒39 | 21♒13 | 27♈12 | 12♎29 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 0 | 20s43 | 1s32 | 20n13 | 2s39 | 19n16 | 1s50 | 19n59 | 0s24 | 11s43 | 0s54 | 5s26 | 1s54 | 10n53 | 0s35 | 0s 5 | 1n17 | 21n50 | 3n52 | 14s24 | 13s53 | 13n25 | 5s40 | 1s43 |
| W 2 | 22 55 | 16 3 | 0 22 | 20 30 | 2 28 | 19 30 | 1 48 | 20 8 | 0 23 | 11 44 | 0 55 | 5 27 | 1 54 | 10 54 | 0 35 | 0 6 | 1 17 | 21 50 | 3 52 | 14 24 | 13 54 | 13 28 | 5 40 | 1 42 |
| T 3 | 22 51 | 10 48 | 0n47 | 20 47 | 2 17 | 19 44 | 1 46 | 20 17 | 0 22 | 11 45 | 0 55 | 5 27 | 1 54 | 10 54 | 0 35 | 0 6 | 1 17 | 21 50 | 3 52 | 14 24 | 13 55 | 13 31 | 5 41 | 1 42 |
| F 4 | 22 45 | 5 14 | 1 52 | 21 4 | 2 5 | 19 57 | 1 45 | 20 26 | 0 22 | 11 46 | 0 55 | 5 27 | 1 55 | 10 55 | 0 35 | 0 6 | 1 17 | 21 49 | 3 52 | 14 24 | 13 56 | 13 34 | 5 42 | 1 41 |
| S 5 | 22 39 | 0n23 | 2 51 | 21 21 | 1 53 | 20 10 | 1 43 | 20 35 | 0 21 | 11 47 | 0 55 | 5 28 | 1 55 | 10 55 | 0 35 | 0 6 | 1 17 | 21 49 | 3 52 | 14 23 | 13 57 | 13 37 | 5 42 | 1 40 |
| S 6 | 22 33 | 5 54 | 3 41 | 21 37 | 1 41 | 20 22 | 1 41 | 20 44 | 0 20 | 11 48 | 0 56 | 5 28 | 1 55 | 10 56 | 0 35 | 0 7 | 1 17 | 21 48 | 3 52 | 14 23 | 13 58 | 13 40 | 5 43 | 1 40 |
| M 7 | 22 27 | 11 10 | 4 22 | 21 52 | 1 29 | 20 33 | 1 39 | 20 52 | 0 20 | 11 50 | 0 56 | 5 28 | 1 55 | 10 56 | 0 35 | 0 7 | 1 17 | 21 48 | 3 52 | 14 23 | 13 59 | 13 42 | 5 44 | 1 39 |
| T 8 | 22 20 | 16 1 | 4 51 | 22 6 | 1 17 | 20 44 | 1 36 | 21 0 | 0 19 | 11 51 | 0 56 | 5 29 | 1 56 | 10 57 | 0 35 | 0 7 | 1 17 | 21 48 | 3 52 | 14 23 | 14 0 | 13 45 | 5 45 | 1 39 |
| W 9 | 22 13 | 20 18 | 5 8 | 22 19 | 1 4 | 20 55 | 1 34 | 21 8 | 0 18 | 11 53 | 0 56 | 5 29 | 1 56 | 10 57 | 0 35 | 0 8 | 1 17 | 21 47 | 3 52 | 14 24 | 14 1 | 13 48 | 5 46 | 1 38 |
| T 10 | 22 5 | 23 47 | 5 11 | 22 30 | 0 52 | 21 5 | 1 32 | 21 16 | 0 17 | 11 54 | 0 57 | 5 30 | 1 56 | 10 57 | 0 35 | 0 8 | 1 17 | 21 47 | 3 52 | 14 25 | 14 2 | 13 51 | 5 47 | 1 38 |
| F 11 | 21 57 | 26 16 | 5 1 | 22 41 | 0 40 | 21 14 | 1 30 | 21 23 | 0 17 | 11 56 | 0 57 | 5 31 | 1 56 | 10 58 | 0 35 | 0 9 | 1 17 | 21 46 | 3 52 | 14 27 | 14 3 | 13 54 | 5 48 | 1 37 |
| S 12 | 21 48 | 27 30 | 4 36 | 22 49 | 0 27 | 21 23 | 1 28 | 21 31 | 0 16 | 11 58 | 0 57 | 5 31 | 1 57 | 10 58 | 0 35 | 0 9 | 1 17 | 21 46 | 3 52 | 14 28 | 14 4 | 13 57 | 5 49 | 1 37 |
| S 13 | 21 40 | 27 19 | 3 57 | 22 56 | 0 15 | 21 32 | 1 25 | 21 38 | 0 15 | 11 59 | 0 57 | 5 32 | 1 57 | 10 58 | 0 35 | 0 9 | 1 17 | 21 46 | 3 52 | 14 30 | 14 5 | 14 0 | 5 50 | 1 36 |
| M14 | 21 31 | 25 38 | 3 5 | 23 0 | 0 3 | 21 39 | 1 23 | 21 45 | 0 14 | 12 1 | 0 58 | 5 33 | 1 57 | 10 59 | 0 35 | 0 10 | 1 17 | 21 45 | 3 53 | 14 31 | 14 6 | 14 2 | 5 51 | 1 36 |
| T 15 | 21 21 | 22 30 | 2 2 | 23 3 | 0n 8 | 21 47 | 1 20 | 21 51 | 0 14 | 12 3 | 0 58 | 5 33 | 1 57 | 10 59 | 0 35 | 0 10 | 1 17 | 21 45 | 3 53 | 14 32 | 14 7 | 14 5 | 5 52 | 1 35 |
| W16 | 21 11 | 18 6 | 0 50 | 23 3 | 0 19 | 21 53 | 1 18 | 21 58 | 0 13 | 12 5 | 0 58 | 5 34 | 1 58 | 11 0 | 0 35 | 0 11 | 1 17 | 21 44 | 3 53 | 14 32 | 14 9 | 14 8 | 5 53 | 1 35 |
| T 17 | 21 1 | 12 41 | 0s25 | 23 0 | 0 30 | 21 59 | 1 15 | 22 4 | 0 12 | 12 7 | 0 58 | 5 35 | 1 58 | 11 0 | 0 35 | 0 11 | 1 17 | 21 44 | 3 53 | 14 33 | 14 10 | 14 11 | 5 55 | 1 34 |
| F 18 | 20 50 | 6 34 | 1 40 | 22 55 | 0 40 | 22 5 | 1 13 | 22 10 | 0 11 | 12 9 | 0 59 | 5 36 | 1 58 | 11 0 | 0 35 | 0 11 | 1 17 | 21 44 | 3 53 | 14 32 | 14 11 | 14 14 | 5 56 | 1 34 |
| S 19 | 20 39 | 0 4 | 2 49 | 22 47 | 0 49 | 22 10 | 1 10 | 22 16 | 0 11 | 12 11 | 0 59 | 5 37 | 1 58 | 11 0 | 0 35 | 0 12 | 1 17 | 21 43 | 3 53 | 14 32 | 14 12 | 14 17 | 5 57 | 1 33 |
| S 20 | 20 28 | 6s27 | 3 49 | 22 37 | 0 58 | 22 14 | 1 8 | 22 22 | 0 10 | 12 13 | 0 59 | 5 38 | 1 59 | 11 1 | 0 35 | 0 12 | 1 17 | 21 43 | 3 53 | 14 31 | 14 13 | 14 19 | 5 58 | 1 33 |
| M21 | 20 16 | 12 40 | 4 35 | 22 24 | 1 6 | 22 18 | 1 5 | 22 27 | 0 9 | 12 15 | 0 59 | 5 39 | 1 59 | 11 1 | 0 35 | 0 13 | 1 17 | 21 42 | 3 53 | 14 31 | 14 14 | 14 22 | 6 0 | 1 32 |
| T 22 | 20 4 | 18 13 | 5 4 | 22 8 | 1 14 | 22 21 | 1 2 | 22 32 | 0 8 | 12 17 | 1 0 | 5 40 | 1 59 | 11 1 | 0 35 | 0 13 | 1 17 | 21 42 | 3 53 | 14 31 | 14 15 | 14 25 | 6 1 | 1 32 |
| W23 | 19 52 | 22 46 | 5 15 | 21 50 | 1 21 | 22 23 | 1 0 | 22 37 | 0 7 | 12 20 | 1 0 | 5 41 | 1 59 | 11 1 | 0 35 | 0 14 | 1 17 | 21 42 | 3 53 | 14 31 | 14 16 | 14 28 | 6 3 | 1 31 |
| T 24 | 19 39 | 25 57 | 5 6 | 21 29 | 1 27 | 22 25 | 0 57 | 22 42 | 0 7 | 12 22 | 1 0 | 5 42 | 1 59 | 11 1 | 0 35 | 0 14 | 1 17 | 21 41 | 3 53 | 14 32 | 14 17 | 14 31 | 6 4 | 1 31 |
| F 25 | 19 26 | 27 30 | 4 40 | 21 6 | 1 32 | 22 26 | 0 54 | 22 46 | 0 6 | 12 24 | 1 0 | 5 43 | 2 0 | 11 2 | 0 35 | 0 15 | 1 17 | 21 41 | 3 53 | 14 33 | 14 18 | 14 33 | 6 6 | 1 30 |
| S 26 | 19 13 | 27 19 | 3 57 | 20 40 | 1 36 | 22 27 | 0 52 | 22 51 | 0 5 | 12 27 | 1 0 | 5 44 | 2 0 | 11 2 | 0 35 | 0 15 | 1 17 | 21 40 | 3 53 | 14 33 | 14 19 | 14 36 | 6 7 | 1 30 |
| S 27 | 18 59 | 25 27 | 3 1 | 20 12 | 1 40 | 22 27 | 0 49 | 22 55 | 0 4 | 12 29 | 1 1 | 5 45 | 2 0 | 11 2 | 0 35 | 0 16 | 1 17 | 21 40 | 3 53 | 14 34 | 14 20 | 14 39 | 6 9 | 1 29 |
| M28 | 18 46 | 22 10 | 1 56 | 19 43 | 1 43 | 22 26 | 0 46 | 22 59 | 0 3 | 12 32 | 1 1 | 5 46 | 2 0 | 11 2 | 0 35 | 0 17 | 1 17 | 21 40 | 3 53 | 14 34 | 14 21 | 14 42 | 6 11 | 1 29 |
| T 29 | 18 31 | 17 48 | 0 46 | 19 11 | 1 45 | 22 25 | 0 43 | 23 2 | 0 3 | 12 34 | 1 1 | 5 48 | 2 0 | 11 2 | 0 35 | 0 17 | 1 17 | 21 39 | 3 53 | 14 35 | 14 22 | 14 45 | 6 12 | 1 28 |
| W30 | 18 17 | 12 42 | 0n25 | 18 38 | 1 46 | 22 23 | 0 40 | 23 6 | 0 2 | 12 37 | 1 1 | 5 49 | 2 1 | 11 2 | 0 35 | 0 18 | 1 17 | 21 39 | 3 53 | 14 35 | 14 23 | 14 47 | 6 14 | 1 28 |
| T 31 | 18n 2 | 7s11 | 1n34 | 18n 3 | 1n47 | 22n20 | 0s38 | 23n 9 | 0s 1 | 12s39 | 1s 1 | 5s50 | 2s 1 | 11n 2 | 0s35 | 0s18 | 1n17 | 21n38 | 3n53 | 14s35 | 14s24 | 14n50 | 6s16 | 1s27 |

Julian Day Number = 2610972.5, Delta T = 10m27s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'35, Lahiri = 29°57'37


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## AUGUST 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 41 18 | 9♌41'48 | 20♓ 9 | 16♌52 | 11♋49 | 23♊ 7 | 29°R11 | 19°R53 | 0♉25 | 3♎45 | 9♌19 | 20♒40 | 21♒10 | 27♈19 | 12♎35 | F 1 |
| S 2 | 20 45 14 | 10°39'07 | 2♈18 | 18°52 | 13° 1 | 23°48 | 29♒ 4 | 19♓50 | 0°25 | 3°46 | 9°20 | 20°41 | 21° 6 | 27°25 | 12°41 | S 2 |
| S 3 | 20 49 11 | 11°36'27 | 14°17 | 20°50 | 14°14 | 24°29 | 28°57 | 19°47 | 0°25 | 3°48 | 9°22 | 20°42 | 21° 3 | 27°32 | 12°46 | S 3 |
| M 4 | 20 53 8 | 12°33'48 | 26°10 | 22°47 | 15°26 | 25°10 | 28°50 | 19°44 | 0°25 | 3°49 | 9°24 | 20°42 | 21° 0 | 27°39 | 12°52 | M 4 |
| T 5 | 20 57 4 | 13°31'10 | 8♉ 3 | 24°42 | 16°38 | 25°51 | 28°42 | 19°41 | 0°R25 | 3°51 | 9°25 | 20°43 | 20°57 | 27°46 | 12°58 | T 5 |
| W 6 | 21 1 1 | 14°28'33 | 19°59 | 26°35 | 17°50 | 26°32 | 28°35 | 19°37 | 0°25 | 3°52 | 9°27 | 20°R43 | 20°54 | 27°52 | 13° 4 | W 6 |
| T 7 | 21 4 57 | 15°25'57 | 2♊ 4 | 28°27 | 19° 3 | 27°12 | 28°28 | 19°34 | 0°25 | 3°54 | 9°29 | 20°42 | 20°50 | 27°59 | 13°10 | T 7 |
| F 8 | 21 8 54 | 16°23'23 | 14°21 | 0♍17 | 20°15 | 27°53 | 28°20 | 19°31 | 0°25 | 3°56 | 9°30 | 20°42 | 20°47 | 28° 6 | 13°17 | F 8 |
| S 9 | 21 12 50 | 17°20'49 | 26°54 | 2° 5 | 21°28 | 28°34 | 28°13 | 19°27 | 0°25 | 3°57 | 9°32 | 20°42 | 20°44 | 28°12 | 13°23 | S 9 |
| S 10 | 21 16 47 | 18°18'17 | 9♋46 | 3°52 | 22°40 | 29°14 | 28° 5 | 19°24 | 0°24 | 3°59 | 9°34 | 20°41 | 20°41 | 28°19 | 13°29 | S 10 |
| M11 | 21 20 43 | 19°15'45 | 22°59 | 5°37 | 23°53 | 29°55 | 27°57 | 19°20 | 0°24 | 4° 1 | 9°36 | 20°41 | 20°38 | 28°26 | 13°36 | M11 |
| T 12 | 21 24 40 | 20°13'15 | 6♌33 | 7°20 | 25° 5 | 0♋35 | 27°50 | 19°17 | 0°24 | 4° 2 | 9°37 | 20°41 | 20°35 | 28°33 | 13°42 | T 12 |
| W13 | 21 28 37 | 21°10'45 | 20°27 | 9° 2 | 26°18 | 1°15 | 27°42 | 19°13 | 0°23 | 4° 4 | 9°39 | 20°41 | 20°31 | 28°39 | 13°49 | W13 |
| T 14 | 21 32 33 | 22° 8'17 | 4♍38 | 10°43 | 27°31 | 1°55 | 27°34 | 19° 9 | 0°23 | 4° 6 | 9°41 | 20°41 | 20°28 | 28°46 | 13°56 | T 14 |
| F 15 | 21 36 30 | 23° 5'49 | 19° 1 | 12°21 | 28°43 | 2°36 | 27°26 | 19° 5 | 0°23 | 4° 7 | 9°42 | 20°41 | 20°25 | 28°53 | 14° 2 | F 15 |
| S 16 | 21 40 26 | 24° 3'23 | 3♎32 | 13°59 | 29°56 | 3°16 | 27°19 | 19° 2 | 0°22 | 4° 9 | 9°44 | 20°41 | 20°22 | 28°59 | 14° 9 | S 16 |
| S 17 | 21 44 23 | 25° 0'57 | 18° 3 | 15°34 | 1♌ 9 | 3°56 | 27°11 | 18°58 | 0°21 | 4°11 | 9°45 | 20°40 | 20°19 | 29° 6 | 14°16 | S 17 |
| M18 | 21 48 19 | 25°58'32 | 2♏32 | 17° 8 | 2°22 | 4°35 | 27° 3 | 18°54 | 0°21 | 4°13 | 9°47 | 20°40 | 20°16 | 29°13 | 14°23 | M18 |
| T 19 | 21 52 16 | 26°56'08 | 16°52 | 18°40 | 3°35 | 5°15 | 26°55 | 18°50 | 0°20 | 4°15 | 9°49 | 20°39 | 20°12 | 29°20 | 14°30 | T 19 |
| W20 | 21 56 12 | 27°53'45 | 1♐ 2 | 20°11 | 4°48 | 5°55 | 26°47 | 18°46 | 0°19 | 4°17 | 9°50 | 20°D39 | 20° 9 | 29°26 | 14°37 | W20 |
| T 21 | 22 0 9 | 28°51'23 | 14°58 | 21°41 | 6° 1 | 6°34 | 26°39 | 18°41 | 0°19 | 4°18 | 9°52 | 20°40 | 20° 6 | 29°33 | 14°44 | T 21 |
| F 22 | 22 4 6 | 29°49'01 | 28°41 | 23° 8 | 7°14 | 7°14 | 26°32 | 18°37 | 0°18 | 4°20 | 9°54 | 20°40 | 20° 3 | 29°40 | 14°51 | F 22 |
| S 23 | 22 8 2 | 0♑46'41 | 12♑10 | 24°34 | 8°27 | 7°53 | 26°24 | 18°33 | 0°17 | 4°22 | 9°55 | 20°41 | 20° 0 | 29°46 | 14°58 | S 23 |
| S 24 | 22 11 59 | 1°44'22 | 25°24 | 25°59 | 9°40 | 8°33 | 26°16 | 18°29 | 0°16 | 4°24 | 9°57 | 20°42 | 19°56 | 29°53 | 15° 6 | S 24 |
| M25 | 22 15 55 | 2°42'03 | 8♒25 | 27°21 | 10°53 | 9°12 | 26° 8 | 18°25 | 0°15 | 4°26 | 9°58 | 20°43 | 19°53 | 29°59 | 15°13 | M25 |
| T 26 | 22 19 52 | 3°39'46 | 21°13 | 28°42 | 12° 6 | 9°51 | 26° 0 | 18°20 | 0°14 | 4°28 | 10° 0 | 20°R43 | 19°50 | 0♉ 7 | 15°20 | T 26 |
| W27 | 22 23 48 | 4°37'30 | 3♓48 | 0♎ 2 | 13°20 | 10°30 | 25°53 | 18°16 | 0°13 | 4°30 | 10° 2 | 20°42 | 19°47 | 0°13 | 15°28 | W27 |
| T 28 | 22 27 45 | 5°35'15 | 16°11 | 1°19 | 14°33 | 11° 9 | 25°45 | 18°12 | 0°12 | 4°32 | 10° 3 | 20°41 | 19°44 | 0°20 | 15°35 | T 28 |
| F 29 | 22 31 41 | 6°33'02 | 28°24 | 2°35 | 15°46 | 11°48 | 25°38 | 18° 7 | 0°11 | 4°34 | 10° 5 | 20°40 | 19°41 | 0°27 | 15°43 | F 29 |
| S 30 | 22 35 38 | 7°30'51 | 10♈27 | 3°49 | 17° 0 | 12°27 | 25°30 | 18° 3 | 0°10 | 4°36 | 10° 6 | 20°37 | 19°37 | 0°33 | 15°50 | S 30 |
| S 31 | 22 39 35 | 8♍28'40 | 22♈24 | 5♎ 0 | 18♌13 | 13♋ 6 | 25♒23 | 17♓58 | 0♉ 9 | 4♎38 | 10♌ 8 | 20♒34 | 19♒34 | 0♉40 | 15♎58 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n47 | 1s30 | 2n36 | 17n27 | 1n47 | 22n17 | 0s35 | 23n12 | 0s 0 | 12s42 | 1s 2 | 5s51 | 2s 1 | 11n 2 | 0s35 | 0s19 | 1n16 | 21n38 | 3n53 | 14s34 | 14s25 | 14n53 | 6s18 | 1s27 |
| S 2 | 17 32 | 4n 8 | 3 31 | 16 49 | 1 46 | 22 13 | 0 32 | 23 15 | 0n 1 | 12 44 | 1 2 | 5 53 | 2 1 | 11 2 | 0 35 | 0 20 | 1 16 | 21 38 | 3 54 | 14 34 | 14 26 | 14 56 | 6 19 | 1 26 |
| S 3 | 17 16 | 9 32 | 4 15 | 16 10 | 1 45 | 22 9 | 0 29 | 23 18 | 0 1 | 12 47 | 1 2 | 5 54 | 2 2 | 11 2 | 0 35 | 0 20 | 1 16 | 21 37 | 3 54 | 14 34 | 14 27 | 14 58 | 6 21 | 1 26 |
| M 4 | 17 0 | 14 33 | 4 48 | 15 31 | 1 43 | 22 4 | 0 26 | 23 20 | 0 2 | 12 50 | 1 2 | 5 55 | 2 2 | 11 2 | 0 36 | 0 21 | 1 16 | 21 37 | 3 54 | 14 33 | 14 28 | 15 1 | 6 23 | 1 25 |
| T 5 | 16 44 | 19 2 | 5 9 | 14 50 | 1 40 | 21 58 | 0 23 | 23 22 | 0 3 | 12 52 | 1 2 | 5 57 | 2 2 | 11 2 | 0 36 | 0 21 | 1 16 | 21 36 | 3 54 | 14 33 | 14 29 | 15 4 | 6 25 | 1 25 |
| W 6 | 16 27 | 22 47 | 5 17 | 14 9 | 1 37 | 21 51 | 0 21 | 23 24 | 0 4 | 12 55 | 1 2 | 5 58 | 2 2 | 11 2 | 0 36 | 0 22 | 1 16 | 21 36 | 3 54 | 14 33 | 14 30 | 15 7 | 6 27 | 1 25 |
| T 7 | 16 10 | 25 36 | 5 11 | 13 27 | 1 34 | 21 44 | 0 18 | 23 26 | 0 5 | 12 58 | 1 3 | 6 0 | 2 2 | 11 2 | 0 36 | 0 23 | 1 16 | 21 36 | 3 54 | 14 33 | 14 31 | 15 10 | 6 29 | 1 24 |
| F 8 | 15 53 | 27 16 | 4 50 | 12 45 | 1 30 | 21 37 | 0 15 | 23 28 | 0 6 | 13 0 | 1 3 | 6 1 | 2 2 | 11 2 | 0 36 | 0 23 | 1 16 | 21 35 | 3 54 | 14 34 | 14 32 | 15 12 | 6 31 | 1 24 |
| S 9 | 15 36 | 27 37 | 4 16 | 12 2 | 1 25 | 21 29 | 0 12 | 23 29 | 0 6 | 13 3 | 1 3 | 6 3 | 2 3 | 11 2 | 0 36 | 0 24 | 1 16 | 21 35 | 3 54 | 14 34 | 14 33 | 15 15 | 6 33 | 1 23 |
| S 10 | 15 18 | 26 29 | 3 28 | 11 19 | 1 20 | 21 20 | 0 9 | 23 30 | 0 7 | 13 6 | 1 3 | 6 4 | 2 3 | 11 2 | 0 36 | 0 25 | 1 16 | 21 35 | 3 54 | 14 34 | 14 34 | 15 18 | 6 35 | 1 23 |
| M11 | 15 1 | 23 51 | 2 28 | 10 35 | 1 15 | 21 10 | 0 7 | 23 31 | 0 8 | 13 9 | 1 3 | 6 6 | 2 3 | 11 2 | 0 36 | 0 25 | 1 16 | 21 34 | 3 54 | 14 34 | 14 35 | 15 20 | 6 37 | 1 22 |
| T 12 | 14 43 | 19 51 | 1 18 | 9 52 | 1 9 | 21 0 | 0 4 | 23 32 | 0 9 | 13 12 | 1 3 | 6 7 | 2 3 | 11 2 | 0 36 | 0 26 | 1 16 | 21 34 | 3 54 | 14 34 | 14 36 | 15 23 | 6 39 | 1 22 |
| W13 | 14 24 | 14 39 | 0 1 | 9 8 | 1 3 | 20 50 | 0 1 | 23 33 | 0 10 | 13 14 | 1 4 | 6 9 | 2 3 | 11 2 | 0 36 | 0 27 | 1 16 | 21 33 | 3 54 | 14 34 | 14 37 | 15 26 | 6 41 | 1 21 |
| T 14 | 14 6 | 8 36 | 1s17 | 8 24 | 0 56 | 20 38 | 0n 2 | 23 33 | 0 11 | 13 17 | 1 4 | 6 11 | 2 3 | 11 1 | 0 36 | 0 28 | 1 16 | 21 33 | 3 55 | 14 34 | 14 38 | 15 29 | 6 44 | 1 21 |
| F 15 | 13 47 | 2 1 | 2 31 | 7 40 | 0 49 | 20 26 | 0 4 | 23 33 | 0 12 | 13 20 | 1 4 | 6 12 | 2 4 | 11 1 | 0 36 | 0 28 | 1 16 | 21 33 | 3 55 | 14 34 | 14 39 | 15 31 | 6 46 | 1 21 |
| S 16 | 13 28 | 4s42 | 3 36 | 6 56 | 0 42 | 20 14 | 0 7 | 23 33 | 0 12 | 13 23 | 1 4 | 6 14 | 2 4 | 11 1 | 0 36 | 0 29 | 1 16 | 21 32 | 3 55 | 14 34 | 14 40 | 15 34 | 6 48 | 1 20 |
| S 17 | 13 9 | 11 11 | 4 27 | 6 13 | 0 35 | 20 1 | 0 10 | 23 33 | 0 13 | 13 26 | 1 4 | 6 16 | 2 4 | 11 1 | 0 36 | 0 30 | 1 16 | 21 32 | 3 55 | 14 34 | 14 41 | 15 37 | 6 50 | 1 20 |
| M18 | 12 50 | 17 2 | 5 1 | 5 29 | 0 27 | 19 47 | 0 12 | 23 32 | 0 14 | 13 28 | 1 4 | 6 17 | 2 4 | 11 0 | 0 36 | 0 30 | 1 16 | 21 32 | 3 55 | 14 34 | 14 42 | 15 40 | 6 52 | 1 19 |
| T 19 | 12 30 | 21 53 | 5 16 | 4 46 | 0 19 | 19 33 | 0 15 | 23 32 | 0 15 | 13 31 | 1 4 | 6 19 | 2 4 | 11 0 | 0 36 | 0 31 | 1 16 | 21 31 | 3 55 | 14 34 | 14 43 | 15 42 | 6 55 | 1 19 |
| W20 | 12 11 | 25 24 | 5 12 | 4 3 | 0 11 | 19 19 | 0 18 | 23 31 | 0 16 | 13 34 | 1 4 | 6 21 | 2 4 | 11 0 | 0 36 | 0 32 | 1 16 | 21 31 | 3 55 | 14 34 | 14 44 | 15 45 | 6 57 | 1 18 |
| T 21 | 11 51 | 27 19 | 4 49 | 3 20 | 0 3 | 19 3 | 0 20 | 23 30 | 0 17 | 13 37 | 1 4 | 6 22 | 2 5 | 11 0 | 0 36 | 0 33 | 1 16 | 21 31 | 3 55 | 14 34 | 14 45 | 15 48 | 6 59 | 1 18 |
| F 22 | 11 31 | 27 32 | 4 10 | 2 38 | 0s 6 | 18 48 | 0 23 | 23 29 | 0 18 | 13 39 | 1 5 | 6 24 | 2 5 | 10 59 | 0 36 | 0 33 | 1 16 | 21 30 | 3 55 | 14 34 | 14 46 | 15 50 | 7 2 | 1 18 |
| S 23 | 11 10 | 26 6 | 3 18 | 1 56 | 0 15 | 18 31 | 0 25 | 23 28 | 0 19 | 13 42 | 1 5 | 6 26 | 2 5 | 10 59 | 0 36 | 0 34 | 1 16 | 21 30 | 3 55 | 14 34 | 14 47 | 15 53 | 7 4 | 1 17 |
| S 24 | 10 50 | 23 14 | 2 16 | 1 14 | 0 24 | 18 14 | 0 28 | 23 26 | 0 19 | 13 45 | 1 5 | 6 28 | 2 5 | 10 59 | 0 36 | 0 35 | 1 16 | 21 30 | 3 55 | 14 34 | 14 48 | 15 56 | 7 7 | 1 17 |
| M25 | 10 29 | 19 12 | 1 8 | 0 33 | 0 33 | 17 57 | 0 30 | 23 24 | 0 20 | 13 48 | 1 5 | 6 30 | 2 5 | 10 58 | 0 36 | 0 36 | 1 16 | 21 29 | 3 56 | 14 33 | 14 49 | 15 58 | 7 9 | 1 16 |
| T 26 | 10 9 | 14 21 | 0n 3 | 0s 7 | 0 42 | 17 39 | 0 33 | 23 22 | 0 21 | 13 50 | 1 5 | 6 31 | 2 5 | 10 58 | 0 36 | 0 37 | 1 16 | 21 29 | 3 56 | 14 33 | 14 50 | 16 1 | 7 12 | 1 16 |
| W27 | 9 48 | 8 59 | 1 12 | 0 47 | 0 51 | 17 21 | 0 35 | 23 20 | 0 22 | 13 53 | 1 5 | 6 33 | 2 5 | 10 58 | 0 36 | 0 37 | 1 16 | 21 29 | 3 56 | 14 33 | 14 51 | 16 4 | 7 14 | 1 15 |
| T 28 | 9 26 | 3 21 | 2 16 | 1 27 | 1 0 | 17 2 | 0 38 | 23 18 | 0 23 | 13 56 | 1 5 | 6 35 | 2 5 | 10 57 | 0 36 | 0 38 | 1 16 | 21 28 | 3 56 | 14 34 | 14 52 | 16 6 | 7 17 | 1 15 |
| F 29 | 9 5 | 2n19 | 3 13 | 2 5 | 1 10 | 16 42 | 0 40 | 23 16 | 0 24 | 13 58 | 1 5 | 6 37 | 2 6 | 10 57 | 0 36 | 0 39 | 1 16 | 21 28 | 3 56 | 14 34 | 14 53 | 16 9 | 7 19 | 1 15 |
| S 30 | 8 44 | 7 49 | 4 1 | 2 43 | 1 19 | 16 23 | 0 42 | 23 13 | 0 25 | 14 1 | 1 5 | 6 39 | 2 6 | 10 56 | 0 36 | 0 40 | 1 16 | 21 28 | 3 56 | 14 35 | 14 54 | 16 12 | 7 22 | 1 14 |
| S 31 | 8n22 | 13n 0 | 4n38 | 3s20 | 1s28 | 16n 2 | 0n44 | 23n10 | 0n26 | 14s 3 | 1s 5 | 6s40 | 2s 6 | 10n56 | 0s36 | 0s41 | 1n16 | 21n27 | 3n56 | 14s36 | 14s55 | 16n14 | 7s24 | 1s14 |

Julian Day Number = 2611003.5, Delta T = 10m27s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'40, Lahiri = 29°57'41


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## SEPTEMBER 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 43 31 | 9♍26'32 | 4♉17 | 6♎10 | 19♌26 | 13♋44 | 25°R15 | 17°R54 | 0°R 7 | 4♎40 | 10♌ 9 | 20°R32 | 19♒31 | 0♉47 | 16♎ 6 | M 1 |
| T 2 | 22 47 28 | 10°24'25 | 16° 9 | 7°18 | 20°40 | 14°23 | 25♒ 8 | 17♓49 | 0♉ 6 | 4°42 | 10°11 | 20♒29 | 19°28 | 0°54 | 16°14 | T 2 |
| W 3 | 22 51 24 | 11°22'20 | 28° 4 | 8°23 | 21°53 | 15° 1 | 25° 1 | 17°45 | 0° 5 | 4°44 | 10°12 | 20°28 | 19°25 | 1° 0 | 16°21 | W 3 |
| T 4 | 22 55 21 | 12°20'17 | 10♊ 6 | 9°26 | 23° 7 | 15°40 | 24°53 | 17°40 | 0° 3 | 4°46 | 10°14 | 20°D27 | 19°22 | 1° 7 | 16°29 | T 4 |
| F 5 | 22 59 17 | 13°18'16 | 22°21 | 10°27 | 24°21 | 16°18 | 24°46 | 17°36 | 0° 2 | 4°48 | 10°15 | 20°27 | 19°18 | 1°14 | 16°37 | F 5 |
| S 6 | 23 3 14 | 14°16'16 | 4♋52 | 11°25 | 25°34 | 16°56 | 24°39 | 17°31 | 0° 0 | 4°51 | 10°17 | 20°28 | 19°15 | 1°20 | 16°45 | S 6 |
| S 7 | 23 7 10 | 15°14'18 | 17°43 | 12°21 | 26°48 | 17°34 | 24°32 | 17°27 | 29♈59 | 4°53 | 10°18 | 20°30 | 19°12 | 1°27 | 16°53 | S 7 |
| M 8 | 23 11 7 | 16°12'23 | 0♌58 | 13°13 | 28° 2 | 18°12 | 24°26 | 17°22 | 29°57 | 4°55 | 10°20 | 20°31 | 19° 9 | 1°34 | 17° 1 | M 8 |
| T 9 | 23 15 4 | 17°10'29 | 14°39 | 14° 2 | 29°16 | 18°50 | 24°19 | 17°18 | 29°56 | 4°57 | 10°21 | 20°R32 | 19° 6 | 1°41 | 17° 9 | T 9 |
| W10 | 23 19 0 | 18° 8'36 | 28°45 | 14°48 | 0♍30 | 19°28 | 24°12 | 17°13 | 29°54 | 4°59 | 10°22 | 20°32 | 19° 2 | 1°47 | 17°17 | W10 |
| T 11 | 23 22 57 | 19° 6'46 | 13♍14 | 15°31 | 1°43 | 20° 6 | 24° 6 | 17° 8 | 29°53 | 5° 1 | 10°24 | 20°31 | 18°59 | 1°54 | 17°25 | T 11 |
| F 12 | 23 26 53 | 20° 4'57 | 28° 1 | 16°10 | 2°57 | 20°43 | 24° 0 | 17° 4 | 29°51 | 5° 3 | 10°25 | 20°28 | 18°56 | 2° 1 | 17°34 | F 12 |
| S 13 | 23 30 50 | 21° 3'09 | 12♎57 | 16°45 | 4°11 | 21°21 | 23°53 | 16°59 | 29°49 | 5° 6 | 10°26 | 20°24 | 18°53 | 2° 7 | 17°42 | S 13 |
| S 14 | 23 34 46 | 22° 1'24 | 27°54 | 17°15 | 5°25 | 21°58 | 23°47 | 16°55 | 29°47 | 5° 8 | 10°28 | 20°20 | 18°50 | 2°14 | 17°50 | S 14 |
| M15 | 23 38 43 | 22°59'40 | 12♏45 | 17°41 | 6°39 | 22°36 | 23°41 | 16°50 | 29°46 | 5°10 | 10°29 | 20°15 | 18°47 | 2°21 | 17°58 | M15 |
| T 16 | 23 42 39 | 23°57'57 | 27°21 | 18° 2 | 7°53 | 23°13 | 23°36 | 16°46 | 29°44 | 5°12 | 10°30 | 20°12 | 18°43 | 2°28 | 18° 7 | T 16 |
| W17 | 23 46 36 | 24°56'16 | 11♐38 | 18°18 | 9° 8 | 23°50 | 23°30 | 16°41 | 29°42 | 5°14 | 10°32 | 20°10 | 18°40 | 2°34 | 18°15 | W17 |
| T 18 | 23 50 33 | 25°54'37 | 25°33 | 18°29 | 10°22 | 24°27 | 23°24 | 16°37 | 29°40 | 5°16 | 10°33 | 20°D 9 | 18°37 | 2°41 | 18°23 | T 18 |
| F 19 | 23 54 29 | 26°52'59 | 9♑ 8 | 18°R33 | 11°36 | 25° 4 | 23°19 | 16°32 | 29°38 | 5°19 | 10°34 | 20° 9 | 18°34 | 2°48 | 18°32 | F 19 |
| S 20 | 23 58 26 | 27°51'22 | 22°22 | 18°31 | 12°50 | 25°41 | 23°14 | 16°28 | 29°36 | 5°21 | 10°36 | 20°11 | 18°31 | 2°54 | 18°40 | S 20 |
| S 21 | 0 2 22 | 28°49'47 | 5♒19 | 18°23 | 14° 4 | 26°17 | 23° 9 | 16°24 | 29°34 | 5°23 | 10°37 | 20°12 | 18°27 | 3° 1 | 18°49 | S 21 |
| M22 | 0 6 19 | 29°48'14 | 18° 0 | 18° 8 | 15°18 | 26°54 | 23° 4 | 16°19 | 29°32 | 5°25 | 10°38 | 20°R13 | 18°24 | 3° 8 | 18°57 | M22 |
| T 23 | 0 10 15 | 0♎46'42 | 0♓29 | 17°47 | 16°33 | 27°30 | 22°59 | 16°15 | 29°30 | 5°28 | 10°39 | 20°13 | 18°21 | 3°15 | 19° 6 | T 23 |
| W24 | 0 14 12 | 1°45'12 | 12°48 | 17°18 | 17°47 | 28° 7 | 22°55 | 16°11 | 29°28 | 5°30 | 10°40 | 20°10 | 18°18 | 3°21 | 19°14 | W24 |
| T 25 | 0 18 8 | 2°43'44 | 24°58 | 16°43 | 19° 1 | 28°43 | 22°50 | 16° 6 | 29°26 | 5°32 | 10°41 | 20° 6 | 18°15 | 3°28 | 19°23 | T 25 |
| F 26 | 0 22 5 | 3°42'17 | 7♈ 2 | 16° 0 | 20°16 | 29°19 | 22°46 | 16° 2 | 29°24 | 5°34 | 10°43 | 19°59 | 18°12 | 3°35 | 19°31 | F 26 |
| S 27 | 0 26 1 | 4°40'53 | 19° 0 | 15°12 | 21°30 | 29°55 | 22°42 | 15°58 | 29°22 | 5°36 | 10°44 | 19°51 | 18° 8 | 3°42 | 19°40 | S 27 |
| S 28 | 0 29 58 | 5°39'30 | 0♉54 | 14°18 | 22°45 | 0♌31 | 22°38 | 15°54 | 29°20 | 5°39 | 10°45 | 19°43 | 18° 5 | 3°48 | 19°49 | S 28 |
| M29 | 0 33 55 | 6°38'09 | 12°45 | 13°19 | 23°59 | 1° 6 | 22°35 | 15°50 | 29°18 | 5°41 | 10°46 | 19°34 | 18° 2 | 3°55 | 19°57 | M29 |
| T 30 | 0 37 51 | 7♎36'51 | 24♉37 | 12♎16 | 25♍14 | 1♌42 | 22♒31 | 15♓45 | 29♈15 | 5♎43 | 10♌47 | 19♒26 | 17♒59 | 4♉ 2 | 20♎ 6 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 8n 1 | 17n39 | 5n 2 | 3s57 | 1s38 | 15n42 | 0n47 | 23n 7 | 0n27 | 14s 6 | 1s 5 | 6s42 | 2s 6 | 10n56 | 0s36 | 0s41 | 1n16 | 21n27 | 3n56 | 14s37 | 14s56 | 16n17 | 7s27 | 1s13 |
| T 2 | 7 39 | 21 38 | 5 14 | 4 32 | 1 48 | 15 20 | 0 49 | 23 4 | 0 28 | 14 8 | 1 5 | 6 44 | 2 6 | 10 55 | 0 36 | 0 42 | 1 16 | 21 27 | 3 56 | 14 38 | 14 57 | 16 20 | 7 30 | 1 13 |
| W 3 | 7 17 | 24 45 | 5 12 | 5 7 | 1 57 | 14 59 | 0 51 | 23 1 | 0 29 | 14 11 | 1 5 | 6 46 | 2 6 | 10 55 | 0 36 | 0 43 | 1 16 | 21 26 | 3 57 | 14 38 | 14 58 | 16 22 | 7 32 | 1 13 |
| T 4 | 6 55 | 26 48 | 4 56 | 5 40 | 2 6 | 14 37 | 0 53 | 22 57 | 0 30 | 14 13 | 1 5 | 6 48 | 2 6 | 10 54 | 0 36 | 0 44 | 1 16 | 21 26 | 3 57 | 14 38 | 14 59 | 16 25 | 7 35 | 1 12 |
| F 5 | 6 33 | 27 37 | 4 27 | 6 13 | 2 16 | 14 14 | 0 55 | 22 54 | 0 30 | 14 16 | 1 5 | 6 50 | 2 6 | 10 54 | 0 36 | 0 45 | 1 16 | 21 26 | 3 57 | 14 38 | 15 0 | 16 27 | 7 38 | 1 12 |
| S 6 | 6 11 | 27 3 | 3 45 | 6 44 | 2 25 | 13 51 | 0 57 | 22 50 | 0 31 | 14 18 | 1 5 | 6 51 | 2 6 | 10 53 | 0 36 | 0 46 | 1 16 | 21 26 | 3 57 | 14 38 | 15 1 | 16 30 | 7 40 | 1 12 |
| S 7 | 5 48 | 25 2 | 2 51 | 7 14 | 2 34 | 13 28 | 0 59 | 22 46 | 0 32 | 14 20 | 1 5 | 6 53 | 2 6 | 10 52 | 0 36 | 0 46 | 1 16 | 21 25 | 3 57 | 14 37 | 15 2 | 16 33 | 7 43 | 1 11 |
| M 8 | 5 26 | 21 37 | 1 45 | 7 43 | 2 43 | 13 5 | 1 0 | 22 42 | 0 33 | 14 23 | 1 5 | 6 55 | 2 6 | 10 52 | 0 36 | 0 47 | 1 16 | 21 25 | 3 57 | 14 37 | 15 3 | 16 35 | 7 46 | 1 11 |
| T 9 | 5 3 | 16 55 | 0 32 | 8 10 | 2 52 | 12 41 | 1 2 | 22 38 | 0 34 | 14 25 | 1 5 | 6 57 | 2 6 | 10 51 | 0 36 | 0 48 | 1 16 | 21 25 | 3 57 | 14 37 | 15 4 | 16 38 | 7 48 | 1 10 |
| W10 | 4 41 | 11 11 | 0s45 | 8 36 | 3 1 | 12 16 | 1 4 | 22 33 | 0 35 | 14 27 | 1 5 | 6 59 | 2 6 | 10 51 | 0 36 | 0 49 | 1 16 | 21 24 | 3 57 | 14 37 | 15 5 | 16 41 | 7 51 | 1 10 |
| T 11 | 4 18 | 4 42 | 2 1 | 9 0 | 3 9 | 11 52 | 1 6 | 22 29 | 0 36 | 14 29 | 1 5 | 7 1 | 2 7 | 10 50 | 0 36 | 0 50 | 1 16 | 21 24 | 3 58 | 14 37 | 15 6 | 16 43 | 7 54 | 1 10 |
| F 12 | 3 55 | 2s 8 | 3 11 | 9 23 | 3 17 | 11 27 | 1 7 | 22 24 | 0 37 | 14 31 | 1 5 | 7 2 | 2 7 | 10 50 | 0 36 | 0 51 | 1 16 | 21 24 | 3 58 | 14 38 | 15 7 | 16 46 | 7 57 | 1 9 |
| S 13 | 3 32 | 8 54 | 4 8 | 9 43 | 3 25 | 11 1 | 1 9 | 22 19 | 0 38 | 14 33 | 1 5 | 7 4 | 2 7 | 10 49 | 0 36 | 0 52 | 1 16 | 21 24 | 3 58 | 14 39 | 15 8 | 16 48 | 7 59 | 1 9 |
| S 14 | 3 9 | 15 11 | 4 48 | 10 1 | 3 32 | 10 36 | 1 10 | 22 14 | 0 39 | 14 35 | 1 5 | 7 6 | 2 7 | 10 48 | 0 36 | 0 52 | 1 16 | 21 24 | 3 58 | 14 41 | 15 9 | 16 51 | 8 2 | 1 9 |
| M15 | 2 46 | 20 32 | 5 9 | 10 18 | 3 39 | 10 10 | 1 12 | 22 9 | 0 40 | 14 37 | 1 5 | 7 8 | 2 7 | 10 48 | 0 36 | 0 53 | 1 16 | 21 23 | 3 58 | 14 42 | 15 10 | 16 53 | 8 5 | 1 8 |
| T 16 | 2 23 | 24 32 | 5 9 | 10 31 | 3 45 | 9 43 | 1 13 | 22 4 | 0 41 | 14 39 | 1 5 | 7 10 | 2 7 | 10 47 | 0 36 | 0 54 | 1 16 | 21 23 | 3 58 | 14 43 | 15 11 | 16 56 | 8 8 | 1 8 |
| W17 | 2 0 | 26 55 | 4 50 | 10 43 | 3 50 | 9 17 | 1 14 | 21 59 | 0 42 | 14 41 | 1 5 | 7 11 | 2 7 | 10 46 | 0 36 | 0 55 | 1 16 | 21 23 | 3 58 | 14 44 | 15 12 | 16 59 | 8 11 | 1 7 |
| T 18 | 1 37 | 27 33 | 4 14 | 10 51 | 3 55 | 8 50 | 1 16 | 21 53 | 0 43 | 14 43 | 1 5 | 7 13 | 2 7 | 10 46 | 0 36 | 0 56 | 1 16 | 21 23 | 3 59 | 14 44 | 15 13 | 17 1 | 8 14 | 1 7 |
| F 19 | 1 14 | 26 29 | 3 25 | 10 56 | 3 59 | 8 23 | 1 17 | 21 48 | 0 44 | 14 45 | 1 5 | 7 15 | 2 7 | 10 45 | 0 36 | 0 57 | 1 16 | 21 22 | 3 59 | 14 44 | 15 14 | 17 4 | 8 17 | 1 7 |
| S 20 | 0 51 | 23 56 | 2 26 | 10 58 | 4 2 | 7 56 | 1 18 | 21 42 | 0 45 | 14 46 | 1 5 | 7 17 | 2 7 | 10 44 | 0 36 | 0 58 | 1 16 | 21 22 | 3 59 | 14 43 | 15 15 | 17 6 | 8 19 | 1 6 |
| S 21 | 0 28 | 20 12 | 1 20 | 10 57 | 4 4 | 7 28 | 1 19 | 21 36 | 0 46 | 14 48 | 1 5 | 7 18 | 2 7 | 10 44 | 0 36 | 0 58 | 1 16 | 21 22 | 3 59 | 14 43 | 15 16 | 17 9 | 8 22 | 1 6 |
| M22 | 0 5 | 15 35 | 0 12 | 10 52 | 4 5 | 7 1 | 1 20 | 21 30 | 0 47 | 14 49 | 1 5 | 7 20 | 2 7 | 10 43 | 0 36 | 0 59 | 1 16 | 21 22 | 3 59 | 14 43 | 15 17 | 17 11 | 8 25 | 1 6 |
| T 23 | 0s19 | 10 25 | 0n55 | 10 43 | 4 4 | 6 33 | 1 21 | 21 24 | 0 48 | 14 51 | 1 5 | 7 22 | 2 7 | 10 42 | 0 36 | 1 0 | 1 16 | 21 22 | 3 59 | 14 43 | 15 18 | 17 14 | 8 28 | 1 5 |
| W24 | 0 42 | 4 54 | 1 59 | 10 30 | 4 2 | 6 4 | 1 22 | 21 18 | 0 49 | 14 52 | 1 5 | 7 23 | 2 7 | 10 42 | 0 36 | 1 1 | 1 16 | 21 21 | 3 59 | 14 44 | 15 19 | 17 17 | 8 31 | 1 5 |
| T 25 | 1 5 | 0n43 | 2 57 | 10 13 | 3 58 | 5 36 | 1 23 | 21 11 | 0 50 | 14 54 | 1 5 | 7 25 | 2 7 | 10 41 | 0 36 | 1 2 | 1 16 | 21 21 | 4 0 | 14 45 | 15 20 | 17 19 | 8 34 | 1 5 |
| F 26 | 1 28 | 6 14 | 3 46 | 9 52 | 3 53 | 5 8 | 1 23 | 21 5 | 0 51 | 14 55 | 1 5 | 7 27 | 2 7 | 10 40 | 0 36 | 1 3 | 1 16 | 21 21 | 4 0 | 14 47 | 15 21 | 17 22 | 8 37 | 1 4 |
| S 27 | 1 51 | 11 29 | 4 24 | 9 26 | 3 45 | 4 39 | 1 24 | 20 58 | 0 52 | 14 56 | 1 5 | 7 28 | 2 7 | 10 39 | 0 36 | 1 4 | 1 16 | 21 21 | 4 0 | 14 50 | 15 22 | 17 24 | 8 40 | 1 4 |
| S 28 | 2 15 | 16 18 | 4 51 | 8 57 | 3 36 | 4 10 | 1 25 | 20 52 | 0 53 | 14 58 | 1 5 | 7 30 | 2 7 | 10 39 | 0 36 | 1 5 | 1 16 | 21 21 | 4 0 | 14 52 | 15 22 | 17 27 | 8 43 | 1 4 |
| M29 | 2 38 | 20 28 | 5 5 | 8 24 | 3 25 | 3 41 | 1 25 | 20 45 | 0 54 | 14 59 | 1 5 | 7 31 | 2 7 | 10 38 | 0 36 | 1 5 | 1 16 | 21 21 | 4 0 | 14 55 | 15 23 | 17 29 | 8 46 | 1 3 |
| T 30 | 3s 1 | 23n49 | 5n 6 | 7s47 | 3s12 | 3n12 | 1n26 | 20n38 | 0n55 | 15s 0 | 1s 5 | 7s33 | 2s 7 | 10n37 | 0s36 | 1s 6 | 1n16 | 21n20 | 4n 0 | 14s58 | 15s24 | 17n32 | 8s49 | 1s 3 |

Julian Day Number = 2611034.5, Delta T = 10m28s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'44, Lahiri = 29°57'45


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## OCTOBER 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 41 48 | 8♎35'35 | 6♊32 | 11°R11 | 26♍28 | 2♌18 | 22°R28 | 15°R41 | 29°R13 | 5♎45 | 10♌48 | 19°R19 | 17♒56 | 4♉ 8 | 20♎15 | W 1 |
| T 2 | 0 45 44 | 9°34'21 | 18°33 | 10♎ 4 | 27°43 | 2°53 | 22♒25 | 15♓37 | 29♈11 | 5°48 | 10°49 | 19♒15 | 17°53 | 4°15 | 20°23 | T 2 |
| F 3 | 0 49 41 | 10°33'09 | 0♋45 | 8°59 | 28°57 | 3°28 | 22°22 | 15°34 | 29° 9 | 5°50 | 10°50 | 19°13 | 17°49 | 4°22 | 20°32 | F 3 |
| S 4 | 0 53 37 | 11°32'00 | 13°11 | 7°56 | 0♎12 | 4° 3 | 22°19 | 15°30 | 29° 6 | 5°52 | 10°51 | 19°D12 | 17°46 | 4°29 | 20°41 | S 4 |
| S 5 | 0 57 34 | 12°30'52 | 25°57 | 6°56 | 1°27 | 4°38 | 22°16 | 15°26 | 29° 4 | 5°54 | 10°52 | 19°13 | 17°43 | 4°35 | 20°49 | S 5 |
| M 6 | 1 1 30 | 13°29'47 | 9♌ 6 | 6° 3 | 2°41 | 5°13 | 22°14 | 15°22 | 29° 2 | 5°56 | 10°53 | 19°14 | 17°40 | 4°42 | 20°58 | M 6 |
| T 7 | 1 5 27 | 14°28'44 | 22°43 | 5°16 | 3°56 | 5°48 | 22°12 | 15°18 | 28°59 | 5°59 | 10°54 | 19°R14 | 17°37 | 4°49 | 21° 7 | T 7 |
| W 8 | 1 9 24 | 15°27'44 | 6♍49 | 4°38 | 5°11 | 6°23 | 22°10 | 15°15 | 28°57 | 6° 1 | 10°54 | 19°13 | 17°33 | 4°55 | 21°16 | W 8 |
| T 9 | 1 13 20 | 16°26'45 | 21°22 | 4° 9 | 6°25 | 6°57 | 22° 8 | 15°11 | 28°55 | 6° 3 | 10°55 | 19° 9 | 17°30 | 5° 2 | 21°25 | T 9 |
| F 10 | 1 17 17 | 17°25'49 | 6♎19 | 3°51 | 7°40 | 7°32 | 22° 6 | 15° 8 | 28°52 | 6° 5 | 10°56 | 19° 3 | 17°27 | 5° 9 | 21°33 | F 10 |
| S 11 | 1 21 13 | 18°24'54 | 21°31 | 3°D42 | 8°55 | 8° 6 | 22° 5 | 15° 4 | 28°50 | 6° 7 | 10°57 | 18°55 | 17°24 | 5°16 | 21°42 | S 11 |
| S 12 | 1 25 10 | 19°24'02 | 6♏47 | 3°44 | 10°10 | 8°40 | 22° 4 | 15° 1 | 28°48 | 6°10 | 10°58 | 18°46 | 17°21 | 5°22 | 21°51 | S 12 |
| M13 | 1 29 6 | 20°23'12 | 21°58 | 3°57 | 11°25 | 9°14 | 22° 3 | 14°58 | 28°45 | 6°12 | 10°59 | 18°37 | 17°18 | 5°29 | 22° 0 | M13 |
| T 14 | 1 33 3 | 21°22'24 | 6♐52 | 4°20 | 12°40 | 9°47 | 22° 2 | 14°54 | 28°43 | 6°14 | 10°59 | 18°29 | 17°14 | 5°36 | 22° 9 | T 14 |
| W15 | 1 36 59 | 22°21'37 | 21°23 | 4°52 | 13°54 | 10°21 | 22° 1 | 14°51 | 28°40 | 6°16 | 11° 0 | 18°23 | 17°11 | 5°42 | 22°17 | W15 |
| T 16 | 1 40 56 | 23°20'52 | 5♑27 | 5°34 | 15° 9 | 10°55 | 22° 1 | 14°48 | 28°38 | 6°18 | 11° 1 | 18°19 | 17° 8 | 5°49 | 22°26 | T 16 |
| F 17 | 1 44 53 | 24°20'09 | 19° 4 | 6°24 | 16°24 | 11°28 | 22°D 1 | 14°45 | 28°36 | 6°20 | 11° 1 | 18°D18 | 17° 5 | 5°56 | 22°35 | F 17 |
| S 18 | 1 48 49 | 25°19'28 | 2♒15 | 7°22 | 17°39 | 12° 1 | 22° 1 | 14°42 | 28°33 | 6°23 | 11° 2 | 18°18 | 17° 2 | 6° 3 | 22°44 | S 18 |
| S 19 | 1 52 46 | 26°18'48 | 15° 4 | 8°27 | 18°54 | 12°34 | 22° 1 | 14°40 | 28°31 | 6°25 | 11° 3 | 18°R18 | 16°59 | 6° 9 | 22°53 | S 19 |
| M20 | 1 56 42 | 27°18'10 | 27°35 | 9°38 | 20° 9 | 13° 7 | 22° 2 | 14°37 | 28°28 | 6°27 | 11° 3 | 18°18 | 16°55 | 6°16 | 23° 1 | M20 |
| T 21 | 2 0 39 | 28°17'34 | 9♓52 | 10°54 | 21°24 | 13°40 | 22° 2 | 14°34 | 28°26 | 6°29 | 11° 4 | 18°16 | 16°52 | 6°23 | 23°10 | T 21 |
| W22 | 2 4 35 | 29°16'59 | 21°59 | 12°15 | 22°39 | 14°12 | 22° 3 | 14°32 | 28°23 | 6°31 | 11° 4 | 18°11 | 16°49 | 6°30 | 23°19 | W22 |
| T 23 | 2 8 32 | 0♏16'27 | 4♈ 0 | 13°40 | 23°54 | 14°44 | 22° 4 | 14°29 | 28°21 | 6°33 | 11° 5 | 18° 3 | 16°46 | 6°36 | 23°28 | T 23 |
| F 24 | 2 12 28 | 1°15'56 | 15°56 | 15° 8 | 25° 9 | 15°17 | 22° 5 | 14°27 | 28°19 | 6°35 | 11° 5 | 17°53 | 16°43 | 6°43 | 23°36 | F 24 |
| S 25 | 2 16 25 | 2°15'27 | 27°49 | 16°39 | 26°24 | 15°49 | 22° 7 | 14°24 | 28°16 | 6°37 | 11° 6 | 17°41 | 16°39 | 6°50 | 23°45 | S 25 |
| S 26 | 2 20 22 | 3°15'00 | 9♉42 | 18°13 | 27°39 | 16°20 | 22° 8 | 14°22 | 28°14 | 6°39 | 11° 6 | 17°27 | 16°36 | 6°56 | 23°54 | S 26 |
| M27 | 2 24 18 | 4°14'35 | 21°34 | 19°48 | 28°54 | 16°52 | 22°10 | 14°20 | 28°11 | 6°41 | 11° 7 | 17°13 | 16°33 | 7° 3 | 24° 3 | M27 |
| T 28 | 2 28 15 | 5°14'13 | 3♊29 | 21°25 | 0♏ 9 | 17°24 | 22°12 | 14°18 | 28° 9 | 6°43 | 11° 7 | 17° 0 | 16°30 | 7°10 | 24°11 | T 28 |
| W29 | 2 32 11 | 6°13'52 | 15°27 | 23° 3 | 1°24 | 17°55 | 22°14 | 14°16 | 28° 6 | 6°45 | 11° 7 | 16°49 | 16°27 | 7°17 | 24°20 | W29 |
| T 30 | 2 36 8 | 7°13'34 | 27°31 | 24°42 | 2°40 | 18°26 | 22°17 | 14°14 | 28° 4 | 6°47 | 11° 8 | 16°40 | 16°24 | 7°23 | 24°29 | T 30 |
| F 31 | 2 40 4 | 8♏13'17 | 9♋44 | 26♎22 | 3♏55 | 18♌57 | 22♒19 | 14♓12 | 28♈ 2 | 6♎49 | 11♌ 8 | 16♒35 | 16♒20 | 7♉30 | 24♎37 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s24 | 26n10 | 4n53 | 7s 8 | 2s57 | 2n43 | 1n26 | 20n31 | 0n56 | 15s 1 | 1s 5 | 7s35 | 2s 7 | 10n36 | 0s36 | 1s 7 | 1n16 | 21n20 | 4n 1 | 15s 0 | 15s25 | 17n34 | 8s52 | 1s 3 |
| T 2 | 3 47 | 27 21 | 4 28 | 6 27 | 2 41 | 2 14 | 1 27 | 20 24 | 0 57 | 15 2 | 1 5 | 7 36 | 2 7 | 10 35 | 0 36 | 1 8 | 1 16 | 21 20 | 4 1 | 15 1 | 15 26 | 17 37 | 8 55 | 1 2 |
| F 3 | 4 10 | 27 13 | 3 50 | 5 45 | 2 23 | 1 45 | 1 27 | 20 17 | 0 58 | 15 3 | 1 4 | 7 37 | 2 7 | 10 35 | 0 36 | 1 9 | 1 16 | 21 20 | 4 1 | 15 2 | 15 27 | 17 39 | 8 58 | 1 2 |
| S 4 | 4 33 | 25 44 | 3 1 | 5 2 | 2 4 | 1 15 | 1 27 | 20 10 | 0 59 | 15 3 | 1 4 | 7 39 | 2 6 | 10 34 | 0 36 | 1 10 | 1 16 | 21 20 | 4 1 | 15 2 | 15 28 | 17 42 | 9 1 | 1 2 |
| S 5 | 4 56 | 22 54 | 2 2 | 4 21 | 1 44 | 0 46 | 1 27 | 20 2 | 1 1 | 15 4 | 1 4 | 7 40 | 2 6 | 10 33 | 0 36 | 1 11 | 1 16 | 21 20 | 4 1 | 15 2 | 15 29 | 17 44 | 9 4 | 1 1 |
| M 6 | 5 19 | 18 48 | 0 54 | 3 41 | 1 24 | 0 16 | 1 27 | 19 55 | 1 2 | 15 5 | 1 4 | 7 42 | 2 6 | 10 32 | 0 36 | 1 12 | 1 16 | 21 20 | 4 1 | 15 1 | 15 30 | 17 47 | 9 7 | 1 1 |
| T 7 | 5 42 | 13 37 | 0s19 | 3 4 | 1 4 | 0s13 | 1 27 | 19 48 | 1 3 | 15 5 | 1 4 | 7 43 | 2 6 | 10 31 | 0 36 | 1 12 | 1 16 | 21 20 | 4 1 | 15 1 | 15 31 | 17 49 | 9 10 | 1 1 |
| W 8 | 6 4 | 7 33 | 1 33 | 2 30 | 0 43 | 0 43 | 1 27 | 19 40 | 1 4 | 15 6 | 1 4 | 7 45 | 2 6 | 10 31 | 0 36 | 1 13 | 1 16 | 21 20 | 4 2 | 15 2 | 15 32 | 17 52 | 9 13 | 1 0 |
| T 9 | 6 27 | 0 55 | 2 43 | 2 1 | 0 24 | 1 13 | 1 27 | 19 32 | 1 5 | 15 7 | 1 4 | 7 46 | 2 6 | 10 30 | 0 36 | 1 14 | 1 16 | 21 20 | 4 2 | 15 3 | 15 33 | 17 54 | 9 16 | 1 0 |
| F 10 | 6 50 | 5s56 | 3 44 | 1 36 | 0 5 | 1 42 | 1 27 | 19 25 | 1 6 | 15 7 | 1 4 | 7 47 | 2 6 | 10 29 | 0 36 | 1 15 | 1 16 | 21 19 | 4 2 | 15 5 | 15 34 | 17 57 | 9 19 | 1 0 |
| S 11 | 7 12 | 12 32 | 4 30 | 1 16 | 0n13 | 2 12 | 1 27 | 19 17 | 1 7 | 15 7 | 1 4 | 7 48 | 2 6 | 10 28 | 0 36 | 1 16 | 1 16 | 21 19 | 4 2 | 15 7 | 15 35 | 17 59 | 9 22 | 0 59 |
| S 12 | 7 35 | 18 25 | 4 57 | 1 2 | 0 30 | 2 42 | 1 26 | 19 9 | 1 8 | 15 8 | 1 4 | 7 50 | 2 6 | 10 27 | 0 36 | 1 17 | 1 16 | 21 19 | 4 2 | 15 10 | 15 36 | 18 1 | 9 25 | 0 59 |
| M13 | 7 57 | 23 6 | 5 3 | 0 53 | 0 45 | 3 11 | 1 26 | 19 1 | 1 9 | 15 8 | 1 4 | 7 51 | 2 6 | 10 26 | 0 36 | 1 17 | 1 16 | 21 19 | 4 2 | 15 13 | 15 37 | 18 4 | 9 28 | 0 59 |
| T 14 | 8 19 | 26 9 | 4 48 | 0 49 | 0 59 | 3 41 | 1 25 | 18 53 | 1 11 | 15 8 | 1 3 | 7 52 | 2 6 | 10 25 | 0 36 | 1 18 | 1 16 | 21 19 | 4 3 | 15 15 | 15 38 | 18 6 | 9 31 | 0 59 |
| W15 | 8 41 | 27 21 | 4 15 | 0 50 | 1 12 | 4 10 | 1 25 | 18 45 | 1 12 | 15 8 | 1 3 | 7 53 | 2 6 | 10 25 | 0 36 | 1 19 | 1 16 | 21 19 | 4 3 | 15 17 | 15 39 | 18 9 | 9 34 | 0 58 |
| T 16 | 9 3 | 26 43 | 3 27 | 0 57 | 1 23 | 4 39 | 1 24 | 18 37 | 1 13 | 15 8 | 1 3 | 7 54 | 2 6 | 10 24 | 0 36 | 1 20 | 1 16 | 21 19 | 4 3 | 15 18 | 15 40 | 18 11 | 9 37 | 0 58 |
| F 17 | 9 25 | 24 29 | 2 29 | 1 8 | 1 32 | 5 9 | 1 24 | 18 29 | 1 14 | 15 8 | 1 3 | 7 55 | 2 6 | 10 23 | 0 36 | 1 21 | 1 16 | 21 19 | 4 3 | 15 19 | 15 41 | 18 14 | 9 39 | 0 58 |
| S 18 | 9 46 | 20 59 | 1 24 | 1 23 | 1 40 | 5 38 | 1 23 | 18 21 | 1 15 | 15 8 | 1 3 | 7 56 | 2 5 | 10 22 | 0 36 | 1 22 | 1 16 | 21 19 | 4 3 | 15 19 | 15 42 | 18 16 | 9 42 | 0 57 |
| S 19 | 10 8 | 16 33 | 0 17 | 1 42 | 1 47 | 6 7 | 1 22 | 18 13 | 1 16 | 15 8 | 1 3 | 7 57 | 2 5 | 10 21 | 0 36 | 1 22 | 1 16 | 21 19 | 4 3 | 15 19 | 15 43 | 18 18 | 9 45 | 0 57 |
| M20 | 10 29 | 11 31 | 0n49 | 2 5 | 1 52 | 6 36 | 1 21 | 18 5 | 1 17 | 15 8 | 1 3 | 7 58 | 2 5 | 10 20 | 0 36 | 1 23 | 1 16 | 21 19 | 4 4 | 15 19 | 15 44 | 18 21 | 9 48 | 0 57 |
| T 21 | 10 51 | 6 8 | 1 52 | 2 31 | 1 56 | 7 5 | 1 21 | 17 57 | 1 19 | 15 7 | 1 3 | 7 59 | 2 5 | 10 19 | 0 36 | 1 24 | 1 16 | 21 19 | 4 4 | 15 19 | 15 45 | 18 23 | 9 51 | 0 56 |
| W22 | 11 12 | 0 35 | 2 48 | 3 0 | 1 59 | 7 34 | 1 20 | 17 48 | 1 20 | 15 7 | 1 3 | 8 0 | 2 5 | 10 19 | 0 36 | 1 25 | 1 16 | 21 19 | 4 4 | 15 21 | 15 46 | 18 26 | 9 54 | 0 56 |
| T 23 | 11 33 | 4n54 | 3 37 | 3 31 | 2 1 | 8 2 | 1 19 | 17 40 | 1 21 | 15 6 | 1 2 | 8 1 | 2 5 | 10 18 | 0 36 | 1 26 | 1 16 | 21 19 | 4 4 | 15 23 | 15 47 | 18 28 | 9 57 | 0 56 |
| F 24 | 11 53 | 10 11 | 4 15 | 4 5 | 2 2 | 8 30 | 1 18 | 17 32 | 1 22 | 15 6 | 1 2 | 8 2 | 2 5 | 10 17 | 0 36 | 1 26 | 1 16 | 21 19 | 4 4 | 15 26 | 15 48 | 18 30 | 10 0 | 0 55 |
| S 25 | 12 14 | 15 4 | 4 42 | 4 40 | 2 2 | 8 59 | 1 16 | 17 23 | 1 23 | 15 5 | 1 2 | 8 3 | 2 5 | 10 16 | 0 36 | 1 27 | 1 16 | 21 19 | 4 5 | 15 30 | 15 48 | 18 33 | 10 3 | 0 55 |
| S 26 | 12 34 | 19 23 | 4 57 | 5 16 | 2 1 | 9 27 | 1 15 | 17 15 | 1 25 | 15 5 | 1 2 | 8 3 | 2 5 | 10 15 | 0 36 | 1 28 | 1 16 | 21 19 | 4 5 | 15 34 | 15 49 | 18 35 | 10 6 | 0 55 |
| M27 | 12 54 | 22 55 | 4 59 | 5 54 | 1 59 | 9 54 | 1 14 | 17 7 | 1 26 | 15 4 | 1 2 | 8 4 | 2 4 | 10 14 | 0 36 | 1 29 | 1 16 | 21 19 | 4 5 | 15 38 | 15 50 | 18 38 | 10 9 | 0 55 |
| T 28 | 13 14 | 25 31 | 4 48 | 6 32 | 1 57 | 10 22 | 1 13 | 16 58 | 1 27 | 15 3 | 1 2 | 8 5 | 2 4 | 10 13 | 0 36 | 1 30 | 1 16 | 21 19 | 4 5 | 15 42 | 15 51 | 18 40 | 10 12 | 0 54 |
| W29 | 13 34 | 26 58 | 4 24 | 7 11 | 1 54 | 10 49 | 1 11 | 16 50 | 1 28 | 15 3 | 1 2 | 8 5 | 2 4 | 10 13 | 0 36 | 1 30 | 1 16 | 21 19 | 4 5 | 15 46 | 15 52 | 18 42 | 10 15 | 0 54 |
| T 30 | 13 54 | 27 10 | 3 48 | 7 50 | 1 50 | 11 16 | 1 10 | 16 41 | 1 30 | 15 2 | 1 2 | 8 6 | 2 4 | 10 12 | 0 36 | 1 31 | 1 16 | 21 20 | 4 5 | 15 48 | 15 53 | 18 45 | 10 18 | 0 54 |
| F 31 | 14s13 | 26n 2 | 3n 1 | 8s30 | 1n46 | 11s43 | 1n 8 | 16n33 | 1n31 | 15s 1 | 1s 2 | 8s 6 | 2s 4 | 10n11 | 0s36 | 1s32 | 1n16 | 21n20 | 4n 6 | 15s50 | 15s54 | 18n47 | 10s21 | 0s53 |

Julian Day Number = 2611064.5, Delta T = 10m28s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'48, Lahiri = 29°57'49


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## NOVEMBER 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 44 1 | 9♏13'03 | 22♋ 9 | 28♎ 2 | 5♏10 | 19♑28 | 22♒22 | 14°R11 | 27°R59 | 6♎51 | 11♑ 8 | 16°R32 | 16♒17 | 7♉37 | 24♎46 | S 1 |
| S 2 | 2 47 57 | 10°12'52 | 4♑51 | 29°42 | 6°25 | 19°58 | 22°25 | 14♓ 9 | 27♈57 | 6°53 | 11° 8 | 16♒31 | 16°14 | 7°43 | 24°55 | S 2 |
| M 3 | 2 51 54 | 11°12'42 | 17°53 | 1♏23 | 7°40 | 20°29 | 22°28 | 14° 8 | 27°55 | 6°55 | 11° 9 | 16°31 | 16°11 | 7°50 | 25° 3 | M 3 |
| T 4 | 2 55 51 | 12°12'34 | 1♍21 | 3° 3 | 8°55 | 20°59 | 22°31 | 14° 6 | 27°52 | 6°57 | 11° 9 | 16°30 | 16° 8 | 7°57 | 25°12 | T 4 |
| W 5 | 2 59 47 | 13°12'29 | 15°17 | 4°44 | 10°11 | 21°29 | 22°35 | 14° 5 | 27°50 | 6°59 | 11° 9 | 16°28 | 16° 5 | 8° 4 | 25°21 | W 5 |
| T 6 | 3 3 44 | 14°12'26 | 29°40 | 6°24 | 11°26 | 21°59 | 22°39 | 14° 4 | 27°48 | 7° 1 | 11° 9 | 16°24 | 16° 1 | 8°10 | 25°29 | T 6 |
| F 7 | 3 7 40 | 15°12'25 | 14♎30 | 8° 4 | 12°41 | 22°28 | 22°43 | 14° 3 | 27°45 | 7° 3 | 11° 9 | 16°16 | 15°58 | 8°17 | 25°38 | F 7 |
| S 8 | 3 11 37 | 16°12'26 | 29°40 | 9°44 | 13°56 | 22°57 | 22°47 | 14° 2 | 27°43 | 7° 4 | 11° 9 | 16° 7 | 15°55 | 8°24 | 25°46 | S 8 |
| S 9 | 3 15 33 | 17°12'29 | 15♏ 0 | 11°23 | 15°11 | 23°26 | 22°51 | 14° 1 | 27°41 | 7° 6 | 11°10 | 15°55 | 15°52 | 8°31 | 25°55 | S 9 |
| M10 | 3 19 30 | 18°12'34 | 0♐18 | 13° 2 | 16°27 | 23°55 | 22°55 | 14° 0 | 27°39 | 7° 8 | 11°10 | 15°44 | 15°49 | 8°37 | 26° 3 | M10 |
| T 11 | 3 23 26 | 19°12'40 | 15°24 | 14°41 | 17°42 | 24°24 | 23° 0 | 14° 0 | 27°36 | 7°10 | 11°R10 | 15°33 | 15°45 | 8°44 | 26°11 | T 11 |
| W12 | 3 27 23 | 20°12'49 | 0♑ 7 | 16°20 | 18°57 | 24°52 | 23° 5 | 13°59 | 27°34 | 7°12 | 11°10 | 15°25 | 15°42 | 8°51 | 26°20 | W12 |
| T 13 | 3 31 20 | 21°12'59 | 14°22 | 17°58 | 20°13 | 25°20 | 23°10 | 13°59 | 27°32 | 7°13 | 11°10 | 15°20 | 15°39 | 8°57 | 26°28 | T 13 |
| F 14 | 3 35 16 | 22°13'10 | 28° 7 | 19°35 | 21°28 | 25°48 | 23°15 | 13°58 | 27°30 | 7°15 | 11° 9 | 15°17 | 15°36 | 9° 4 | 26°36 | F 14 |
| S 15 | 3 39 13 | 23°13'23 | 11♒23 | 21°13 | 22°43 | 26°16 | 23°21 | 13°58 | 27°28 | 7°17 | 11° 9 | 15°D16 | 15°33 | 9°11 | 26°45 | S 15 |
| S 16 | 3 43 9 | 24°13'38 | 24°14 | 22°50 | 23°58 | 26°43 | 23°26 | 13°58 | 27°26 | 7°18 | 11° 9 | 15°R16 | 15°30 | 9°18 | 26°53 | S 16 |
| M17 | 3 47 6 | 25°13'53 | 6♓44 | 24°26 | 25°14 | 27°10 | 23°32 | 13°D58 | 27°23 | 7°20 | 11° 9 | 15°16 | 15°26 | 9°24 | 27° 1 | M17 |
| T 18 | 3 51 2 | 26°14'11 | 18°57 | 26° 3 | 26°29 | 27°37 | 23°38 | 13°58 | 27°21 | 7°22 | 11° 9 | 15°14 | 15°23 | 9°31 | 27° 9 | T 18 |
| W19 | 3 54 59 | 27°14'29 | 1♈ 0 | 27°39 | 27°44 | 28° 4 | 23°44 | 13°58 | 27°19 | 7°23 | 11° 9 | 15° 9 | 15°20 | 9°38 | 27°17 | W19 |
| T 20 | 3 58 55 | 28°14'49 | 12°55 | 29°14 | 29° 0 | 28°30 | 23°50 | 13°58 | 27°17 | 7°25 | 11° 9 | 15° 2 | 15°17 | 9°44 | 27°25 | T 20 |
| F 21 | 4 2 52 | 29°15'11 | 24°47 | 0♗50 | 0♗15 | 28°56 | 23°56 | 13°59 | 27°15 | 7°26 | 11° 8 | 14°52 | 15°14 | 9°51 | 27°33 | F 21 |
| S 22 | 4 6 49 | 0♗15'34 | 6♉39 | 2°25 | 1°30 | 29°22 | 24° 3 | 13°59 | 27°13 | 7°28 | 11° 8 | 14°40 | 15°10 | 9°58 | 27°41 | S 22 |
| S 23 | 4 10 45 | 1°15'58 | 18°32 | 3°59 | 2°46 | 29°47 | 24°10 | 14° 0 | 27°12 | 7°29 | 11° 8 | 14°26 | 15° 7 | 10° 5 | 27°49 | S 23 |
| M24 | 4 14 42 | 2°16'24 | 0♊29 | 5°34 | 4° 1 | 0♍12 | 24°17 | 14° 1 | 27°10 | 7°31 | 11° 7 | 14°12 | 15° 4 | 10°11 | 27°57 | M24 |
| T 25 | 4 18 38 | 3°16'52 | 12°30 | 7° 8 | 5°16 | 0°37 | 24°24 | 14° 1 | 27° 8 | 7°32 | 11° 7 | 13°59 | 15° 1 | 10°18 | 28° 5 | T 25 |
| W26 | 4 22 35 | 4°17'21 | 24°36 | 8°42 | 6°32 | 1° 2 | 24°31 | 14° 2 | 27° 6 | 7°34 | 11° 7 | 13°48 | 14°58 | 10°25 | 28°13 | W26 |
| T 27 | 4 26 31 | 5°17'52 | 6♋50 | 10°16 | 7°47 | 1°26 | 24°38 | 14° 3 | 27° 4 | 7°35 | 11° 6 | 13°39 | 14°55 | 10°32 | 28°21 | T 27 |
| F 28 | 4 30 28 | 6°18'25 | 19°11 | 11°50 | 9° 2 | 1°50 | 24°46 | 14° 4 | 27° 3 | 7°36 | 11° 6 | 13°34 | 14°51 | 10°38 | 28°28 | F 28 |
| S 29 | 4 34 24 | 7°18'59 | 1♌44 | 13°23 | 10°18 | 2°13 | 24°53 | 14° 6 | 27° 1 | 7°38 | 11° 5 | 13°31 | 14°48 | 10°45 | 28°36 | S 29 |
| S 30 | 4 38 21 | 8♗19'35 | 14♌30 | 14♗56 | 11♗33 | 2♍37 | 25♒ 1 | 14♓ 7 | 26♈59 | 7♎39 | 11♑ 5 | 13°D30 | 14♒45 | 10♉52 | 28♎44 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s32 | 23n37 | 2n 5 | 9s10 | 1n42 | 12s10 | 1n 7 | 16n24 | 1n32 | 15s 0 | 1s 1 | 8s 7 | 2s 4 | 10n10 | 0s36 | 1s33 | 1n16 | 21n20 | 4n 6 | 15s51 | 15s55 | 18n49 | 10s24 | 0s53 |
| S 2 | 14 51 | 20 0 | 1 1 | 9 50 | 1 37 | 12 36 | 1 5 | 16 16 | 1 33 | 14 59 | 1 1 | 8 7 | 2 4 | 10 9 | 0 36 | 1 33 | 1 17 | 21 20 | 4 6 | 15 51 | 15 56 | 18 52 | 10 27 | 0 53 |
| M 3 | 15 10 | 15 19 | 0s 7 | 10 30 | 1 32 | 13 2 | 1 4 | 16 8 | 1 35 | 14 57 | 1 1 | 8 8 | 2 4 | 10 8 | 0 36 | 1 34 | 1 17 | 21 20 | 4 6 | 15 51 | 15 57 | 18 54 | 10 30 | 0 53 |
| T 4 | 15 28 | 9 46 | 1 18 | 11 9 | 1 26 | 13 27 | 1 2 | 15 59 | 1 36 | 14 56 | 1 1 | 8 8 | 2 3 | 10 8 | 0 36 | 1 35 | 1 17 | 21 20 | 4 6 | 15 51 | 15 58 | 18 56 | 10 32 | 0 52 |
| W 5 | 15 46 | 3 33 | 2 26 | 11 48 | 1 20 | 13 53 | 1 0 | 15 51 | 1 37 | 14 55 | 1 1 | 8 9 | 2 3 | 10 7 | 0 36 | 1 36 | 1 17 | 21 20 | 4 6 | 15 52 | 15 59 | 18 59 | 10 35 | 0 52 |
| T 6 | 16 4 | 3s 2 | 3 27 | 12 27 | 1 15 | 14 18 | 0 59 | 15 42 | 1 39 | 14 54 | 1 1 | 8 9 | 2 3 | 10 6 | 0 36 | 1 36 | 1 17 | 21 20 | 4 7 | 15 53 | 16 0 | 19 1 | 10 38 | 0 52 |
| F 7 | 16 22 | 9 38 | 4 16 | 13 5 | 1 8 | 14 42 | 0 57 | 15 34 | 1 40 | 14 52 | 1 1 | 8 9 | 2 3 | 10 5 | 0 36 | 1 37 | 1 17 | 21 20 | 4 7 | 15 55 | 16 1 | 19 3 | 10 41 | 0 51 |
| S 8 | 16 39 | 15 49 | 4 48 | 13 43 | 1 2 | 15 6 | 0 55 | 15 26 | 1 41 | 14 51 | 1 1 | 8 10 | 2 3 | 10 4 | 0 36 | 1 38 | 1 17 | 21 21 | 4 7 | 15 58 | 16 2 | 19 6 | 10 44 | 0 51 |
| S 9 | 16 56 | 21 4 | 5 0 | 14 20 | 0 56 | 15 30 | 0 53 | 15 17 | 1 43 | 14 49 | 1 1 | 8 10 | 2 3 | 10 4 | 0 36 | 1 38 | 1 17 | 21 21 | 4 7 | 16 2 | 16 3 | 19 8 | 10 47 | 0 51 |
| M10 | 17 13 | 24 54 | 4 50 | 14 56 | 0 49 | 15 54 | 0 51 | 15 9 | 1 44 | 14 48 | 1 0 | 8 10 | 2 3 | 10 3 | 0 36 | 1 39 | 1 17 | 21 21 | 4 7 | 16 5 | 16 4 | 19 10 | 10 49 | 0 51 |
| T 11 | 17 29 | 26 54 | 4 21 | 15 32 | 0 43 | 16 17 | 0 49 | 15 1 | 1 45 | 14 46 | 1 0 | 8 10 | 2 2 | 10 2 | 0 36 | 1 40 | 1 17 | 21 21 | 4 8 | 16 8 | 16 5 | 19 13 | 10 52 | 0 50 |
| W12 | 17 45 | 26 57 | 3 34 | 16 7 | 0 36 | 16 39 | 0 47 | 14 53 | 1 47 | 14 44 | 1 0 | 8 10 | 2 2 | 10 1 | 0 36 | 1 40 | 1 17 | 21 21 | 4 8 | 16 11 | 16 6 | 19 15 | 10 55 | 0 50 |
| T 13 | 18 1 | 25 11 | 2 35 | 16 41 | 0 29 | 17 2 | 0 45 | 14 45 | 1 48 | 14 43 | 1 0 | 8 10 | 2 2 | 10 1 | 0 36 | 1 41 | 1 17 | 21 21 | 4 8 | 16 12 | 16 6 | 19 17 | 10 58 | 0 50 |
| F 14 | 18 17 | 21 57 | 1 29 | 17 14 | 0 22 | 17 23 | 0 43 | 14 37 | 1 50 | 14 41 | 1 0 | 8 10 | 2 2 | 10 0 | 0 36 | 1 42 | 1 17 | 21 22 | 4 8 | 16 13 | 16 7 | 19 20 | 11 0 | 0 49 |
| S 15 | 18 32 | 17 39 | 0 21 | 17 46 | 0 15 | 17 45 | 0 41 | 14 29 | 1 51 | 14 39 | 1 0 | 8 10 | 2 2 | 9 59 | 0 36 | 1 42 | 1 17 | 21 22 | 4 8 | 16 13 | 16 8 | 19 22 | 11 3 | 0 49 |
| S 16 | 18 47 | 12 40 | 0n47 | 18 18 | 0 9 | 18 5 | 0 39 | 14 21 | 1 53 | 14 37 | 1 0 | 8 10 | 2 2 | 9 58 | 0 36 | 1 43 | 1 17 | 21 22 | 4 8 | 16 13 | 16 9 | 19 24 | 11 6 | 0 49 |
| M17 | 19 2 | 7 18 | 1 51 | 18 48 | 0 2 | 18 26 | 0 37 | 14 13 | 1 54 | 14 35 | 1 0 | 8 10 | 2 1 | 9 58 | 0 36 | 1 43 | 1 17 | 21 22 | 4 9 | 16 13 | 16 10 | 19 26 | 11 9 | 0 49 |
| T 18 | 19 16 | 1 47 | 2 48 | 19 18 | 0s 5 | 18 46 | 0 35 | 14 5 | 1 55 | 14 33 | 0 59 | 8 10 | 2 1 | 9 57 | 0 36 | 1 44 | 1 17 | 21 22 | 4 9 | 16 14 | 16 11 | 19 29 | 11 11 | 0 48 |
| W19 | 19 30 | 3n43 | 3 37 | 19 47 | 0 12 | 19 5 | 0 33 | 13 57 | 1 57 | 14 31 | 0 59 | 8 9 | 2 1 | 9 56 | 0 36 | 1 45 | 1 17 | 21 23 | 4 9 | 16 15 | 16 12 | 19 31 | 11 14 | 0 48 |
| T 20 | 19 43 | 9 1 | 4 15 | 20 14 | 0 18 | 19 24 | 0 30 | 13 49 | 1 58 | 14 29 | 0 59 | 8 9 | 2 1 | 9 55 | 0 36 | 1 45 | 1 17 | 21 23 | 4 9 | 16 17 | 16 13 | 19 33 | 11 17 | 0 48 |
| F 21 | 19 57 | 13 57 | 4 42 | 20 41 | 0 25 | 19 42 | 0 28 | 13 42 | 2 0 | 14 26 | 0 59 | 8 9 | 2 1 | 9 55 | 0 36 | 1 46 | 1 17 | 21 23 | 4 9 | 16 20 | 16 14 | 19 35 | 11 19 | 0 48 |
| S 22 | 20 9 | 18 23 | 4 57 | 21 7 | 0 31 | 20 0 | 0 26 | 13 34 | 2 1 | 14 24 | 0 59 | 8 9 | 2 1 | 9 54 | 0 36 | 1 46 | 1 17 | 21 23 | 4 10 | 16 24 | 16 15 | 19 38 | 11 22 | 0 47 |
| S 23 | 20 22 | 22 6 | 5 0 | 21 31 | 0 38 | 20 17 | 0 24 | 13 26 | 2 3 | 14 22 | 0 59 | 8 8 | 2 1 | 9 53 | 0 36 | 1 47 | 1 17 | 21 24 | 4 10 | 16 28 | 16 16 | 19 40 | 11 24 | 0 47 |
| M24 | 20 34 | 24 54 | 4 49 | 21 55 | 0 44 | 20 33 | 0 21 | 13 19 | 2 4 | 14 19 | 0 59 | 8 8 | 2 0 | 9 53 | 0 36 | 1 47 | 1 17 | 21 24 | 4 10 | 16 32 | 16 17 | 19 42 | 11 27 | 0 47 |
| T 25 | 20 46 | 26 37 | 4 25 | 22 17 | 0 51 | 20 49 | 0 19 | 13 12 | 2 6 | 14 17 | 0 59 | 8 7 | 2 0 | 9 52 | 0 36 | 1 48 | 1 17 | 21 24 | 4 10 | 16 36 | 16 18 | 19 44 | 11 30 | 0 46 |
| W26 | 20 57 | 27 5 | 3 49 | 22 38 | 0 57 | 21 5 | 0 17 | 13 4 | 2 8 | 14 15 | 0 59 | 8 7 | 2 0 | 9 52 | 0 36 | 1 48 | 1 17 | 21 24 | 4 10 | 16 39 | 16 19 | 19 47 | 11 32 | 0 46 |
| T 27 | 21 8 | 26 14 | 3 2 | 22 58 | 1 3 | 21 19 | 0 14 | 12 57 | 2 9 | 14 12 | 0 59 | 8 6 | 2 0 | 9 51 | 0 36 | 1 49 | 1 17 | 21 25 | 4 10 | 16 41 | 16 20 | 19 49 | 11 35 | 0 46 |
| F 28 | 21 19 | 24 5 | 2 5 | 23 17 | 1 9 | 21 34 | 0 12 | 12 50 | 2 11 | 14 9 | 0 58 | 8 6 | 2 0 | 9 50 | 0 36 | 1 49 | 1 17 | 21 25 | 4 11 | 16 43 | 16 20 | 19 51 | 11 37 | 0 46 |
| S 29 | 21 29 | 20 44 | 1 2 | 23 35 | 1 14 | 21 47 | 0 9 | 12 43 | 2 12 | 14 7 | 0 58 | 8 5 | 2 0 | 9 50 | 0 36 | 1 50 | 1 18 | 21 25 | 4 11 | 16 44 | 16 21 | 19 53 | 11 40 | 0 45 |
| S 30 | 21s39 | 16n22 | 0s 5 | 23s52 | 1s20 | 22s 0 | 0n 7 | 12n36 | 2n14 | 14s 4 | 0s58 | 8s 4 | 1s59 | 9n49 | 0s36 | 1s50 | 1n18 | 21n26 | 4n11 | 16s44 | 16s22 | 19n55 | 11s42 | 0s45 |

Julian Day Number = 2611095.5, Delta T = 10m28s
Ecliptic obliquity = 23°23'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'52, Lahiri = 29°57'54


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# ASTRODIENST EPHEMERIS for the year 2436
# geocentric

## DECEMBER 2436 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 42 18 | 9♐20'12 | 27♌32 | 16♐29 | 12♐48 | 2♍59 | 25♒ 9 | 14♓ 8 | 26°R58 | 7♎40 | 11°R 4 | 13♒31 | 14♒42 | 10♉58 | 28♎51 | M 1 |
| T 2 | 4 46 14 | 10°20'51 | 10♍55 | 18° 2 | 14° 4 | 3°22 | 25°17 | 14°10 | 26♈56 | 7°42 | 11♌ 4 | 13°R31 | 14°39 | 11° 5 | 28°59 | T 2 |
| W 3 | 4 50 11 | 11°21'32 | 24°40 | 19°35 | 15°19 | 3°44 | 25°26 | 14°11 | 26°54 | 7°43 | 11° 3 | 13°30 | 14°36 | 11°12 | 29° 6 | W 3 |
| T 4 | 4 54 7 | 12°22'14 | 8♎49 | 21° 8 | 16°34 | 4° 6 | 25°34 | 14°13 | 26°53 | 7°44 | 11° 3 | 13°28 | 14°32 | 11°19 | 29°13 | T 4 |
| F 5 | 4 58 4 | 13°22'58 | 23°21 | 22°41 | 17°50 | 4°27 | 25°43 | 14°15 | 26°51 | 7°45 | 11° 2 | 13°22 | 14°29 | 11°25 | 29°21 | F 5 |
| S 6 | 5 2 0 | 14°23'43 | 8♏13 | 24°13 | 19° 5 | 4°48 | 25°51 | 14°17 | 26°50 | 7°46 | 11° 1 | 13°15 | 14°26 | 11°32 | 29°28 | S 6 |
| S 7 | 5 5 57 | 15°24'30 | 23°16 | 25°46 | 20°21 | 5° 9 | 26° 0 | 14°19 | 26°49 | 7°47 | 11° 1 | 13° 6 | 14°23 | 11°39 | 29°35 | S 7 |
| M 8 | 5 9 53 | 16°25'19 | 8♐23 | 27°18 | 21°36 | 5°29 | 26° 9 | 14°21 | 26°47 | 7°48 | 11° 0 | 12°57 | 14°20 | 11°45 | 29°42 | M 8 |
| T 9 | 5 13 50 | 17°26'08 | 23°23 | 28°50 | 22°51 | 5°49 | 26°18 | 14°23 | 26°46 | 7°50 | 10°59 | 12°48 | 14°16 | 11°52 | 29°49 | T 9 |
| W10 | 5 17 47 | 18°26'59 | 8♑ 6 | 0♑22 | 24° 7 | 6° 8 | 26°27 | 14°26 | 26°45 | 7°51 | 10°59 | 12°42 | 14°13 | 11°59 | 29°56 | W10 |
| T 11 | 5 21 43 | 19°27'51 | 22°25 | 1°54 | 25°22 | 6°27 | 26°37 | 14°28 | 26°44 | 7°51 | 10°58 | 12°37 | 14°10 | 12° 6 | 0♏ 3 | T 11 |
| F 12 | 5 25 40 | 20°28'44 | 6♒17 | 3°25 | 26°38 | 6°46 | 26°46 | 14°31 | 26°42 | 7°52 | 10°57 | 12°D35 | 14° 7 | 12°12 | 0°10 | F 12 |
| S 13 | 5 29 36 | 21°29'37 | 19°41 | 4°57 | 27°53 | 7° 4 | 26°56 | 14°33 | 26°41 | 7°53 | 10°56 | 12°35 | 14° 4 | 12°19 | 0°17 | S 13 |
| S 14 | 5 33 33 | 22°30'31 | 2♓38 | 6°28 | 29° 8 | 7°22 | 27° 6 | 14°36 | 26°40 | 7°54 | 10°56 | 12°37 | 14° 1 | 12°26 | 0°23 | S 14 |
| M15 | 5 37 29 | 23°31'26 | 15°12 | 7°59 | 0♑24 | 7°39 | 27°15 | 14°39 | 26°39 | 7°55 | 10°55 | 12°38 | 13°57 | 12°33 | 0°30 | M15 |
| T 16 | 5 41 26 | 24°32'21 | 27°29 | 9°29 | 1°39 | 7°55 | 27°25 | 14°42 | 26°38 | 7°56 | 10°54 | 12°R38 | 13°54 | 12°39 | 0°37 | T 16 |
| W17 | 5 45 23 | 25°33'17 | 9♈32 | 11° 0 | 2°55 | 8°12 | 27°36 | 14°45 | 26°37 | 7°57 | 10°53 | 12°37 | 13°51 | 12°46 | 0°43 | W17 |
| T 18 | 5 49 19 | 26°34'14 | 21°27 | 12°29 | 4°10 | 8°27 | 27°46 | 14°48 | 26°36 | 7°57 | 10°52 | 12°33 | 13°48 | 12°53 | 0°49 | T 18 |
| F 19 | 5 53 16 | 27°35'12 | 3♉19 | 13°58 | 5°25 | 8°43 | 27°56 | 14°51 | 26°36 | 7°58 | 10°51 | 12°28 | 13°45 | 12°59 | 0°56 | F 19 |
| S 20 | 5 57 12 | 28°36'10 | 15°11 | 15°26 | 6°41 | 8°57 | 28° 7 | 14°55 | 26°35 | 7°59 | 10°50 | 12°21 | 13°42 | 13° 6 | 1° 2 | S 20 |
| S 21 | 6 1 9 | 29°37'08 | 27° 6 | 16°53 | 7°56 | 9°11 | 28°17 | 14°58 | 26°34 | 7°59 | 10°49 | 12°13 | 13°38 | 13°13 | 1° 8 | S 21 |
| M22 | 6 5 5 | 0♑38'08 | 9♊ 8 | 18°20 | 9°11 | 9°25 | 28°28 | 15° 1 | 26°33 | 8° 0 | 10°48 | 12° 4 | 13°35 | 13°20 | 1°14 | M22 |
| T 23 | 6 9 2 | 1°39'08 | 21°17 | 19°45 | 10°27 | 9°38 | 28°39 | 15° 5 | 26°33 | 8° 1 | 10°48 | 11°57 | 13°32 | 13°26 | 1°20 | T 23 |
| W24 | 6 12 58 | 2°40'08 | 3♋35 | 21° 8 | 11°42 | 9°51 | 28°50 | 15° 9 | 26°32 | 8° 1 | 10°46 | 11°50 | 13°29 | 13°33 | 1°26 | W24 |
| T 25 | 6 16 55 | 3°41'10 | 16° 4 | 22°30 | 12°58 | 10° 3 | 29° 1 | 15°12 | 26°32 | 8° 2 | 10°45 | 11°45 | 13°26 | 13°40 | 1°32 | T 25 |
| F 26 | 6 20 52 | 4°42'12 | 28°42 | 23°49 | 14°13 | 10°14 | 29°12 | 15°16 | 26°31 | 8° 2 | 10°44 | 11°42 | 13°23 | 13°47 | 1°38 | F 26 |
| S 27 | 6 24 48 | 5°43'14 | 11♌32 | 25° 7 | 15°28 | 10°25 | 29°23 | 15°20 | 26°31 | 8° 3 | 10°43 | 11°D42 | 13°19 | 13°53 | 1°43 | S 27 |
| S 28 | 6 28 45 | 6°44'18 | 24°34 | 26°21 | 16°44 | 10°35 | 29°34 | 15°24 | 26°30 | 8° 3 | 10°42 | 11°42 | 13°16 | 14° 0 | 1°49 | S 28 |
| M29 | 6 32 41 | 7°45'22 | 7♍48 | 27°32 | 17°59 | 10°45 | 29°46 | 15°28 | 26°30 | 8° 4 | 10°41 | 11°44 | 13°13 | 14° 7 | 1°55 | M29 |
| T 30 | 6 36 38 | 8°46'26 | 21°18 | 28°39 | 19°14 | 10°54 | 29°57 | 15°32 | 26°30 | 8° 4 | 10°40 | 11°45 | 13°10 | 14°13 | 2° 0 | T 30 |
| W31 | 6 40 34 | 9♑47'32 | 5♎ 2 | 29♑41 | 20♑30 | 11♍ 2 | 0♓ 9 | 15♓37 | 26♈29 | 8♎ 4 | 10♌39 | 11°R46 | 13♒ 7 | 14♉20 | 2♏ 5 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s48 | 11n 8 | 1s14 | 24s 7 | 1s25 | 22s12 | 0n 5 | 12n30 | 2n16 | 14s 1 | 0s58 | 8s 4 | 1s59 | 9n49 | 0s36 | 1s51 | 1n18 | 21n26 | 4n11 | 16s44 | 16s23 | 19n58 | 11s44 | 0s45 |
| T 2 | 21 57 | 5 17 | 2 21 | 24 21 | 1 31 | 22 24 | 0 2 | 12 23 | 2 17 | 13 58 | 0 58 | 8 3 | 1 59 | 9 48 | 0 36 | 1 51 | 1 18 | 21 26 | 4 11 | 16 44 | 16 24 | 20 0 | 11 47 | 0 45 |
| W 3 | 22 5 | 0s58 | 3 21 | 24 34 | 1 36 | 22 35 | 0s 0 | 12 16 | 2 19 | 13 56 | 0 58 | 8 2 | 1 59 | 9 48 | 0 36 | 1 52 | 1 18 | 21 26 | 4 11 | 16 44 | 16 25 | 20 2 | 11 49 | 0 44 |
| T 4 | 22 14 | 7 20 | 4 11 | 24 45 | 1 40 | 22 45 | 0 3 | 12 10 | 2 21 | 13 53 | 0 58 | 8 1 | 1 59 | 9 47 | 0 36 | 1 52 | 1 18 | 21 27 | 4 12 | 16 45 | 16 26 | 20 4 | 11 52 | 0 44 |
| F 5 | 22 21 | 13 29 | 4 46 | 24 56 | 1 45 | 22 55 | 0 5 | 12 4 | 2 22 | 13 50 | 0 58 | 8 1 | 1 59 | 9 47 | 0 36 | 1 53 | 1 18 | 21 27 | 4 12 | 16 46 | 16 27 | 20 6 | 11 54 | 0 44 |
| S 6 | 22 28 | 18 59 | 5 3 | 25 5 | 1 49 | 23 4 | 0 7 | 11 58 | 2 24 | 13 47 | 0 58 | 8 0 | 1 59 | 9 46 | 0 36 | 1 53 | 1 18 | 21 27 | 4 12 | 16 48 | 16 28 | 20 8 | 11 56 | 0 44 |
| S 7 | 22 35 | 23 23 | 5 0 | 25 12 | 1 54 | 23 12 | 0 10 | 11 52 | 2 26 | 13 44 | 0 58 | 7 59 | 1 58 | 9 46 | 0 36 | 1 53 | 1 18 | 21 28 | 4 12 | 16 51 | 16 29 | 20 11 | 11 58 | 0 43 |
| M 8 | 22 42 | 26 11 | 4 35 | 25 19 | 1 57 | 23 19 | 0 12 | 11 46 | 2 28 | 13 40 | 0 57 | 7 58 | 1 58 | 9 45 | 0 36 | 1 54 | 1 18 | 21 28 | 4 12 | 16 53 | 16 30 | 20 13 | 12 1 | 0 43 |
| T 9 | 22 48 | 27 5 | 3 52 | 25 24 | 2 1 | 23 26 | 0 15 | 11 40 | 2 29 | 13 37 | 0 57 | 7 57 | 1 58 | 9 45 | 0 35 | 1 54 | 1 18 | 21 29 | 4 12 | 16 56 | 16 31 | 20 15 | 12 3 | 0 43 |
| W10 | 22 53 | 26 2 | 2 54 | 25 27 | 2 4 | 23 32 | 0 17 | 11 35 | 2 31 | 13 34 | 0 57 | 7 56 | 1 58 | 9 44 | 0 35 | 1 55 | 1 18 | 21 29 | 4 13 | 16 58 | 16 31 | 20 17 | 12 5 | 0 42 |
| T 11 | 22 58 | 23 16 | 1 46 | 25 30 | 2 7 | 23 37 | 0 19 | 11 29 | 2 33 | 13 31 | 0 57 | 7 55 | 1 58 | 9 44 | 0 35 | 1 55 | 1 18 | 21 29 | 4 13 | 16 59 | 16 32 | 20 19 | 12 7 | 0 42 |
| F 12 | 23 3 | 19 12 | 0 34 | 25 30 | 2 10 | 23 42 | 0 22 | 11 24 | 2 35 | 13 27 | 0 57 | 7 54 | 1 58 | 9 44 | 0 35 | 1 55 | 1 18 | 21 30 | 4 13 | 16 59 | 16 33 | 20 21 | 12 10 | 0 42 |
| S 13 | 23 7 | 14 17 | 0n38 | 25 30 | 2 12 | 23 46 | 0 24 | 11 19 | 2 37 | 13 24 | 0 57 | 7 52 | 1 57 | 9 43 | 0 35 | 1 55 | 1 18 | 21 30 | 4 13 | 16 59 | 16 34 | 20 23 | 12 12 | 0 42 |
| S 14 | 23 10 | 8 52 | 1 46 | 25 28 | 2 14 | 23 49 | 0 26 | 11 14 | 2 38 | 13 21 | 0 57 | 7 51 | 1 57 | 9 43 | 0 35 | 1 56 | 1 18 | 21 30 | 4 13 | 16 59 | 16 35 | 20 26 | 12 14 | 0 41 |
| M15 | 23 14 | 3 15 | 2 46 | 25 24 | 2 16 | 23 52 | 0 29 | 11 10 | 2 40 | 13 17 | 0 57 | 7 50 | 1 57 | 9 42 | 0 35 | 1 56 | 1 18 | 21 31 | 4 13 | 16 59 | 16 36 | 20 28 | 12 16 | 0 41 |
| T 16 | 23 16 | 2n20 | 3 38 | 25 20 | 2 17 | 23 53 | 0 31 | 11 5 | 2 42 | 13 14 | 0 57 | 7 49 | 1 57 | 9 42 | 0 35 | 1 56 | 1 18 | 21 31 | 4 13 | 16 59 | 16 37 | 20 30 | 12 18 | 0 41 |
| W17 | 23 19 | 7 44 | 4 19 | 25 13 | 2 18 | 23 54 | 0 33 | 11 1 | 2 44 | 13 10 | 0 57 | 7 47 | 1 57 | 9 42 | 0 35 | 1 57 | 1 18 | 21 31 | 4 14 | 16 59 | 16 38 | 20 32 | 12 20 | 0 41 |
| T 18 | 23 20 | 12 47 | 4 48 | 25 6 | 2 18 | 23 55 | 0 35 | 10 57 | 2 46 | 13 6 | 0 57 | 7 46 | 1 57 | 9 42 | 0 35 | 1 57 | 1 18 | 21 32 | 4 14 | 17 0 | 16 39 | 20 34 | 12 22 | 0 40 |
| F 19 | 23 22 | 17 21 | 5 4 | 24 56 | 2 18 | 23 54 | 0 38 | 10 53 | 2 48 | 13 3 | 0 57 | 7 45 | 1 57 | 9 41 | 0 35 | 1 57 | 1 18 | 21 32 | 4 14 | 17 1 | 16 40 | 20 36 | 12 24 | 0 40 |
| S 20 | 23 23 | 21 15 | 5 8 | 24 46 | 2 17 | 23 53 | 0 40 | 10 49 | 2 50 | 12 59 | 0 56 | 7 43 | 1 56 | 9 41 | 0 35 | 1 57 | 1 19 | 21 33 | 4 14 | 17 3 | 16 41 | 20 38 | 12 26 | 0 40 |
| S 21 | 23 23 | 24 18 | 4 58 | 24 34 | 2 16 | 23 51 | 0 42 | 10 45 | 2 52 | 12 55 | 0 56 | 7 42 | 1 56 | 9 41 | 0 35 | 1 58 | 1 19 | 21 33 | 4 14 | 17 6 | 16 42 | 20 40 | 12 28 | 0 40 |
| M22 | 23 23 | 26 18 | 4 35 | 24 21 | 2 14 | 23 48 | 0 44 | 10 42 | 2 54 | 12 52 | 0 56 | 7 40 | 1 56 | 9 41 | 0 35 | 1 58 | 1 19 | 21 33 | 4 14 | 17 8 | 16 42 | 20 42 | 12 30 | 0 39 |
| T 23 | 23 22 | 27 5 | 3 59 | 24 6 | 2 12 | 23 45 | 0 46 | 10 39 | 2 56 | 12 48 | 0 56 | 7 39 | 1 56 | 9 40 | 0 35 | 1 58 | 1 19 | 21 34 | 4 15 | 17 10 | 16 43 | 20 44 | 12 31 | 0 39 |
| W24 | 23 21 | 26 32 | 3 12 | 23 51 | 2 8 | 23 41 | 0 49 | 10 36 | 2 58 | 12 44 | 0 56 | 7 37 | 1 56 | 9 40 | 0 35 | 1 58 | 1 19 | 21 34 | 4 15 | 17 12 | 16 44 | 20 46 | 12 33 | 0 39 |
| T 25 | 23 20 | 24 39 | 2 15 | 23 34 | 2 5 | 23 36 | 0 51 | 10 33 | 3 0 | 12 40 | 0 56 | 7 36 | 1 56 | 9 40 | 0 35 | 1 58 | 1 19 | 21 35 | 4 15 | 17 13 | 16 45 | 20 48 | 12 35 | 0 38 |
| F 26 | 23 18 | 21 31 | 1 10 | 23 15 | 2 0 | 23 30 | 0 53 | 10 31 | 3 2 | 12 36 | 0 56 | 7 34 | 1 56 | 9 40 | 0 35 | 1 58 | 1 19 | 21 35 | 4 15 | 17 14 | 16 46 | 20 51 | 12 37 | 0 38 |
| S 27 | 23 16 | 17 18 | 0 1 | 22 56 | 1 54 | 23 24 | 0 55 | 10 29 | 3 4 | 12 32 | 0 56 | 7 32 | 1 55 | 9 40 | 0 35 | 1 59 | 1 19 | 21 36 | 4 15 | 17 14 | 16 47 | 20 53 | 12 38 | 0 38 |
| S 28 | 23 13 | 12 13 | 1s10 | 22 36 | 1 48 | 23 17 | 0 57 | 10 27 | 3 6 | 12 28 | 0 56 | 7 31 | 1 55 | 9 40 | 0 35 | 1 59 | 1 19 | 21 36 | 4 15 | 17 14 | 16 48 | 20 55 | 12 40 | 0 38 |
| M29 | 23 9 | 6 29 | 2 18 | 22 15 | 1 41 | 23 9 | 0 58 | 10 25 | 3 8 | 12 24 | 0 56 | 7 29 | 1 55 | 9 40 | 0 35 | 1 59 | 1 19 | 21 36 | 4 15 | 17 14 | 16 49 | 20 57 | 12 42 | 0 37 |
| T 30 | 23 6 | 0 23 | 3 19 | 21 54 | 1 32 | 23 0 | 1 0 | 10 24 | 3 10 | 12 20 | 0 56 | 7 27 | 1 55 | 9 39 | 0 35 | 1 59 | 1 19 | 21 37 | 4 16 | 17 13 | 16 50 | 20 59 | 12 43 | 0 37 |
| W31 | 23s 1 | 5s50 | 4s11 | 21s31 | 1s23 | 22s51 | 1s 2 | 10n22 | 3n12 | 12s16 | 0s56 | 7s26 | 1s55 | 9n39 | 0s35 | 1s59 | 1n19 | 21n37 | 4n16 | 17s13 | 16s51 | 21n 1 | 12s45 | 0s37 |

Julian Day Number = 2611125.5, Delta T = 10m28s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°50'56, Lahiri = 29°57'58


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## JANUARY 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 44 31 | 10♉48'38 | 19♎ 2 | 0♒38 | 21♉45 | 11♍10 | 0♓20 | 15♓41 | 26°R29 | 8♎ 4 | 10°R38 | 11°R46 | 13♒ 3 | 14♉27 | 2♏10 | T 1 |
| F 2 | 6 48 27 | 11°49'45 | 3♏18 | 1°30 | 23° 0 | 11°17 | 0°32 | 15°45 | 26♈29 | 8° 5 | 10♌37 | 11♒45 | 13° 0 | 14°34 | 2°16 | F 2 |
| S 3 | 6 52 24 | 12°50'52 | 17°46 | 2°14 | 24°16 | 11°23 | 0°44 | 15°50 | 26°29 | 8° 5 | 10°36 | 11°42 | 12°57 | 14°40 | 2°21 | S 3 |
| S 4 | 6 56 21 | 13°52'00 | 2♐24 | 2°51 | 25°31 | 11°29 | 0°56 | 15°55 | 26°D29 | 8° 5 | 10°34 | 11°38 | 12°54 | 14°47 | 2°25 | S 4 |
| M 5 | 7 0 17 | 14°53'09 | 17° 4 | 3°19 | 26°46 | 11°34 | 1° 8 | 15°59 | 26°29 | 8° 5 | 10°33 | 11°34 | 12°51 | 14°54 | 2°30 | M 5 |
| T 6 | 7 4 14 | 15°54'18 | 1♑40 | 3°38 | 28° 2 | 11°38 | 1°20 | 16° 4 | 26°29 | 8° 5 | 10°32 | 11°30 | 12°48 | 15° 1 | 2°35 | T 6 |
| W 7 | 7 8 10 | 16°55'27 | 16° 5 | 3°R46 | 29°17 | 11°41 | 1°33 | 16° 9 | 26°29 | 8° 5 | 10°31 | 11°27 | 12°44 | 15° 7 | 2°40 | W 7 |
| T 8 | 7 12 7 | 17°56'37 | 0♒14 | 3°43 | 0♒33 | 11°44 | 1°45 | 16°14 | 26°29 | 8° 5 | 10°30 | 11°25 | 12°41 | 15°14 | 2°44 | T 8 |
| F 9 | 7 16 3 | 18°57'46 | 14° 1 | 3°29 | 1°48 | 11°46 | 1°57 | 16°19 | 26°30 | 8°R 5 | 10°28 | 11°D25 | 12°38 | 15°21 | 2°49 | F 9 |
| S 10 | 7 20 0 | 19°58'55 | 27°25 | 3° 2 | 3° 3 | 11°47 | 2°10 | 16°24 | 26°30 | 8° 5 | 10°27 | 11°26 | 12°35 | 15°27 | 2°53 | S 10 |
| S 11 | 7 23 57 | 21° 0'04 | 10♓26 | 2°24 | 4°18 | 11°R48 | 2°22 | 16°29 | 26°30 | 8° 5 | 10°26 | 11°27 | 12°32 | 15°34 | 2°57 | S 11 |
| M12 | 7 27 53 | 22° 1'13 | 23° 5 | 1°35 | 5°34 | 11°48 | 2°35 | 16°34 | 26°31 | 8° 5 | 10°25 | 11°29 | 12°29 | 15°41 | 3° 1 | M12 |
| T 13 | 7 31 50 | 23° 2'22 | 5♈26 | 0°36 | 6°49 | 11°47 | 2°48 | 16°39 | 26°31 | 8° 5 | 10°23 | 11°30 | 12°25 | 15°48 | 3° 5 | T 13 |
| W14 | 7 35 46 | 24° 3'30 | 17°33 | 29♉28 | 8° 4 | 11°45 | 3° 0 | 16°45 | 26°31 | 8° 5 | 10°22 | 11°31 | 12°22 | 15°54 | 3° 9 | W14 |
| T 15 | 7 39 43 | 25° 4'38 | 29°31 | 28°13 | 9°20 | 11°42 | 3°13 | 16°50 | 26°32 | 8° 5 | 10°21 | 11°R31 | 12°19 | 16° 1 | 3°13 | T 15 |
| F 16 | 7 43 39 | 26° 5'45 | 11♊23 | 26°55 | 10°35 | 11°39 | 3°26 | 16°55 | 26°33 | 8° 5 | 10°19 | 11°30 | 12°16 | 16° 8 | 3°17 | F 16 |
| S 17 | 7 47 36 | 27° 6'52 | 23°16 | 25°34 | 11°50 | 11°35 | 3°39 | 17° 1 | 26°33 | 8° 4 | 10°18 | 11°29 | 12°13 | 16°14 | 3°20 | S 17 |
| S 18 | 7 51 32 | 28° 7'58 | 5♋13 | 24°15 | 13° 5 | 11°30 | 3°52 | 17° 7 | 26°34 | 8° 4 | 10°17 | 11°27 | 12° 9 | 16°21 | 3°24 | S 18 |
| M19 | 7 55 29 | 29° 9'04 | 17°18 | 22°59 | 14°21 | 11°24 | 4° 5 | 17°12 | 26°35 | 8° 4 | 10°15 | 11°25 | 12° 6 | 16°28 | 3°27 | M19 |
| T 20 | 7 59 26 | 0♒10'10 | 29°34 | 21°49 | 15°36 | 11°17 | 4°18 | 17°18 | 26°36 | 8° 3 | 10°14 | 11°23 | 12° 3 | 16°35 | 3°30 | T 20 |
| W21 | 8 3 22 | 1°11'15 | 12♌ 3 | 20°46 | 16°51 | 11°10 | 4°32 | 17°24 | 26°36 | 8° 3 | 10°13 | 11°22 | 12° 0 | 16°41 | 3°33 | W21 |
| T 22 | 8 7 19 | 2°12'20 | 24°47 | 19°51 | 18° 6 | 11° 2 | 4°45 | 17°29 | 26°37 | 8° 2 | 10°11 | 11°21 | 11°57 | 16°48 | 3°37 | T 22 |
| F 23 | 8 11 15 | 3°13'24 | 7♎45 | 19° 5 | 19°21 | 10°53 | 4°58 | 17°35 | 26°38 | 8° 2 | 10°10 | 11°D21 | 11°54 | 16°55 | 3°39 | F 23 |
| S 24 | 8 15 12 | 4°14'27 | 20°59 | 18°28 | 20°36 | 10°43 | 5°12 | 17°41 | 26°39 | 8° 1 | 10° 9 | 11°21 | 11°50 | 17° 2 | 3°42 | S 24 |
| S 25 | 8 19 8 | 5°15'30 | 4♍26 | 18° 2 | 21°52 | 10°32 | 5°25 | 17°47 | 26°40 | 8° 1 | 10° 7 | 11°21 | 11°47 | 17° 8 | 3°45 | S 25 |
| M26 | 8 23 5 | 6°16'33 | 18° 5 | 17°44 | 23° 7 | 10°21 | 5°39 | 17°53 | 26°41 | 8° 0 | 10° 6 | 11°22 | 11°44 | 17°15 | 3°47 | M26 |
| T 27 | 8 27 1 | 7°17'35 | 1♎55 | 17°D36 | 24°22 | 10° 9 | 5°52 | 17°59 | 26°43 | 8° 0 | 10° 5 | 11°22 | 11°41 | 17°22 | 3°50 | T 27 |
| W28 | 8 30 58 | 8°18'37 | 15°53 | 17°36 | 25°37 | 9°56 | 6° 6 | 18° 6 | 26°44 | 7°59 | 10° 3 | 11°22 | 11°38 | 17°28 | 3°52 | W28 |
| T 29 | 8 34 55 | 9°19'39 | 29°58 | 17°44 | 26°52 | 9°42 | 6°20 | 18°12 | 26°45 | 7°58 | 10° 2 | 11°23 | 11°34 | 17°35 | 3°54 | T 29 |
| F 30 | 8 38 51 | 10°20'40 | 14♏ 9 | 17°59 | 28° 7 | 9°28 | 6°33 | 18°18 | 26°46 | 7°58 | 10° 1 | 11°R23 | 11°31 | 17°42 | 3°57 | F 30 |
| S 31 | 8 42 48 | 11♒21'41 | 28♏22 | 18♉21 | 29♒22 | 9♍13 | 6♓47 | 18♓24 | 26♈48 | 7♎57 | 9♌59 | 11°D23 | 11♒28 | 17♉49 | 3♏59 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s57 | 11s53 | 4s49 | 21s 9 | 1s13 | 22s41 | 1s 4 | 10n21 | 3n14 | 12s12 | 0s56 | 7s24 | 1s55 | 9n39 | 0s35 | 1s59 | 1n19 | 21n38 | 4n16 | 17s13 | 16s51 | 21n 3 | 12s46 | 0s37 |
| F 2 | 22 52 | 17 26 | 5 9 | 20 47 | 1 1 | 22 30 | 1 6 | 10 21 | 3 16 | 12 7 | 0 56 | 7 22 | 1 55 | 9 39 | 0 35 | 1 59 | 1 19 | 21 38 | 4 16 | 17 14 | 16 52 | 21 5 | 12 48 | 0 36 |
| S 3 | 22 46 | 22 4 | 5 11 | 20 24 | 0 49 | 22 19 | 1 7 | 10 20 | 3 18 | 12 3 | 0 56 | 7 20 | 1 55 | 9 39 | 0 35 | 1 59 | 1 19 | 21 39 | 4 16 | 17 14 | 16 53 | 21 7 | 12 49 | 0 36 |
| S 4 | 22 40 | 25 22 | 4 53 | 20 3 | 0 35 | 22 7 | 1 9 | 10 20 | 3 21 | 11 59 | 0 55 | 7 18 | 1 54 | 9 39 | 0 35 | 1 59 | 1 19 | 21 39 | 4 16 | 17 15 | 16 54 | 21 9 | 12 51 | 0 36 |
| M 5 | 22 33 | 26 59 | 4 15 | 19 42 | 0 20 | 21 55 | 1 11 | 10 20 | 3 23 | 11 55 | 0 55 | 7 16 | 1 54 | 9 39 | 0 35 | 1 59 | 1 19 | 21 40 | 4 16 | 17 17 | 16 55 | 21 11 | 12 52 | 0 36 |
| T 6 | 22 26 | 26 43 | 3 21 | 19 22 | 0 4 | 21 41 | 1 12 | 10 20 | 3 25 | 11 50 | 0 55 | 7 14 | 1 54 | 9 39 | 0 35 | 1 59 | 1 19 | 21 40 | 4 16 | 17 18 | 16 56 | 21 13 | 12 54 | 0 35 |
| W 7 | 22 19 | 24 39 | 2 15 | 19 3 | 0n13 | 21 27 | 1 14 | 10 21 | 3 27 | 11 46 | 0 55 | 7 12 | 1 54 | 9 40 | 0 34 | 1 59 | 1 19 | 21 40 | 4 17 | 17 18 | 16 57 | 21 15 | 12 55 | 0 35 |
| T 8 | 22 11 | 21 3 | 1 1 | 18 46 | 0 31 | 21 13 | 1 15 | 10 22 | 3 29 | 11 41 | 0 55 | 7 10 | 1 54 | 9 40 | 0 34 | 1 59 | 1 20 | 21 41 | 4 17 | 17 19 | 16 58 | 21 17 | 12 56 | 0 35 |
| F 9 | 22 3 | 16 21 | 0n14 | 18 32 | 0 50 | 20 58 | 1 17 | 10 23 | 3 31 | 11 37 | 0 55 | 7 8 | 1 54 | 9 40 | 0 34 | 1 59 | 1 20 | 21 41 | 4 17 | 17 19 | 16 59 | 21 19 | 12 57 | 0 34 |
| S 10 | 21 54 | 10 59 | 1 27 | 18 19 | 1 9 | 20 42 | 1 18 | 10 25 | 3 33 | 11 32 | 0 55 | 7 6 | 1 54 | 9 40 | 0 34 | 1 59 | 1 20 | 21 42 | 4 17 | 17 19 | 17 0 | 21 21 | 12 59 | 0 34 |
| S 11 | 21 45 | 5 16 | 2 33 | 18 9 | 1 28 | 20 25 | 1 19 | 10 27 | 3 36 | 11 28 | 0 55 | 7 4 | 1 54 | 9 40 | 0 34 | 1 59 | 1 20 | 21 42 | 4 17 | 17 18 | 17 0 | 21 23 | 13 0 | 0 34 |
| M12 | 21 35 | 0n29 | 3 30 | 18 1 | 1 47 | 20 8 | 1 21 | 10 29 | 3 38 | 11 23 | 0 55 | 7 2 | 1 54 | 9 40 | 0 34 | 1 59 | 1 20 | 21 43 | 4 17 | 17 18 | 17 1 | 21 24 | 13 1 | 0 34 |
| T 13 | 21 25 | 6 4 | 4 15 | 17 56 | 2 6 | 19 51 | 1 22 | 10 31 | 3 40 | 11 19 | 0 55 | 7 0 | 1 53 | 9 40 | 0 34 | 1 59 | 1 20 | 21 43 | 4 17 | 17 18 | 17 2 | 21 26 | 13 2 | 0 33 |
| W14 | 21 15 | 11 19 | 4 49 | 17 53 | 2 23 | 19 33 | 1 23 | 10 34 | 3 42 | 11 14 | 0 55 | 6 58 | 1 53 | 9 41 | 0 34 | 1 59 | 1 20 | 21 44 | 4 17 | 17 17 | 17 3 | 21 28 | 13 3 | 0 33 |
| T 15 | 21 4 | 16 5 | 5 9 | 17 53 | 2 38 | 19 14 | 1 24 | 10 37 | 3 44 | 11 9 | 0 55 | 6 56 | 1 53 | 9 41 | 0 34 | 1 58 | 1 20 | 21 44 | 4 17 | 17 17 | 17 4 | 21 30 | 13 4 | 0 33 |
| F 16 | 20 53 | 20 13 | 5 16 | 17 55 | 2 52 | 18 54 | 1 25 | 10 40 | 3 46 | 11 5 | 0 55 | 6 53 | 1 53 | 9 41 | 0 34 | 1 58 | 1 20 | 21 45 | 4 17 | 17 17 | 17 5 | 21 32 | 13 5 | 0 32 |
| S 17 | 20 41 | 23 32 | 5 9 | 17 58 | 3 4 | 18 35 | 1 26 | 10 43 | 3 48 | 11 0 | 0 55 | 6 51 | 1 53 | 9 41 | 0 34 | 1 58 | 1 20 | 21 45 | 4 18 | 17 18 | 17 6 | 21 34 | 13 6 | 0 32 |
| S 18 | 20 29 | 25 52 | 4 49 | 18 3 | 3 13 | 18 14 | 1 27 | 10 47 | 3 50 | 10 55 | 0 55 | 6 49 | 1 53 | 9 42 | 0 34 | 1 58 | 1 20 | 21 45 | 4 18 | 17 18 | 17 7 | 21 36 | 13 7 | 0 32 |
| M19 | 20 17 | 27 2 | 4 16 | 18 9 | 3 19 | 17 53 | 1 28 | 10 51 | 3 53 | 10 50 | 0 55 | 6 47 | 1 53 | 9 42 | 0 34 | 1 58 | 1 20 | 21 46 | 4 18 | 17 19 | 17 8 | 21 38 | 13 8 | 0 32 |
| T 20 | 20 4 | 26 54 | 3 31 | 18 17 | 3 23 | 17 32 | 1 29 | 10 56 | 3 55 | 10 46 | 0 55 | 6 44 | 1 53 | 9 42 | 0 34 | 1 58 | 1 20 | 21 46 | 4 18 | 17 19 | 17 8 | 21 40 | 13 9 | 0 31 |
| W21 | 19 51 | 25 25 | 2 35 | 18 25 | 3 25 | 17 10 | 1 29 | 11 0 | 3 57 | 10 41 | 0 55 | 6 42 | 1 53 | 9 43 | 0 34 | 1 57 | 1 20 | 21 47 | 4 18 | 17 20 | 17 9 | 21 42 | 13 10 | 0 31 |
| T 22 | 19 37 | 22 36 | 1 30 | 18 34 | 3 24 | 16 48 | 1 30 | 11 5 | 3 59 | 10 36 | 0 55 | 6 40 | 1 53 | 9 43 | 0 34 | 1 57 | 1 20 | 21 47 | 4 18 | 17 20 | 17 10 | 21 44 | 13 10 | 0 31 |
| F 23 | 19 23 | 18 36 | 0 20 | 18 43 | 3 21 | 16 25 | 1 30 | 11 11 | 4 1 | 10 31 | 0 55 | 6 37 | 1 52 | 9 43 | 0 34 | 1 57 | 1 20 | 21 48 | 4 18 | 17 20 | 17 11 | 21 46 | 13 11 | 0 30 |
| S 24 | 19 9 | 13 38 | 0s53 | 18 52 | 3 17 | 16 2 | 1 31 | 11 16 | 4 3 | 10 26 | 0 55 | 6 35 | 1 52 | 9 44 | 0 34 | 1 57 | 1 20 | 21 48 | 4 18 | 17 20 | 17 12 | 21 47 | 13 12 | 0 30 |
| S 25 | 18 55 | 7 56 | 2 5 | 19 1 | 3 11 | 15 38 | 1 31 | 11 22 | 4 4 | 10 21 | 0 55 | 6 32 | 1 52 | 9 44 | 0 34 | 1 56 | 1 20 | 21 49 | 4 18 | 17 20 | 17 13 | 21 49 | 13 12 | 0 30 |
| M26 | 18 40 | 1 47 | 3 10 | 19 11 | 3 3 | 15 14 | 1 32 | 11 28 | 4 6 | 10 16 | 0 55 | 6 30 | 1 52 | 9 45 | 0 34 | 1 56 | 1 20 | 21 49 | 4 18 | 17 20 | 17 14 | 21 51 | 13 13 | 0 30 |
| T 27 | 18 24 | 4s30 | 4 5 | 19 20 | 2 55 | 14 49 | 1 32 | 11 34 | 4 8 | 10 11 | 0 55 | 6 27 | 1 52 | 9 45 | 0 34 | 1 56 | 1 21 | 21 50 | 4 18 | 17 20 | 17 15 | 21 53 | 13 14 | 0 29 |
| W28 | 18 9 | 10 38 | 4 46 | 19 29 | 2 46 | 14 24 | 1 32 | 11 41 | 4 10 | 10 6 | 0 55 | 6 25 | 1 52 | 9 45 | 0 34 | 1 56 | 1 21 | 21 50 | 4 19 | 17 20 | 17 15 | 21 55 | 13 14 | 0 29 |
| T 29 | 17 53 | 16 17 | 5 11 | 19 37 | 2 37 | 13 59 | 1 33 | 11 48 | 4 12 | 10 1 | 0 55 | 6 23 | 1 52 | 9 46 | 0 34 | 1 55 | 1 21 | 21 50 | 4 19 | 17 20 | 17 16 | 21 57 | 13 15 | 0 29 |
| F 30 | 17 36 | 21 5 | 5 17 | 19 45 | 2 27 | 13 33 | 1 33 | 11 55 | 4 13 | 9 56 | 0 55 | 6 20 | 1 52 | 9 46 | 0 34 | 1 55 | 1 21 | 21 51 | 4 19 | 17 20 | 17 17 | 21 59 | 13 15 | 0 28 |
| S 31 | 17s20 | 24s40 | 5s 3 | 19s53 | 2n16 | 13s 7 | 1s33 | 12n 2 | 4n15 | 9s51 | 0s55 | 6s17 | 1s52 | 9n47 | 0s34 | 1s55 | 1n21 | 21n51 | 4n19 | 17s20 | 17s18 | 22n 0 | 13s15 | 0s28 |

Julian Day Number = 2611156.5, Delta T = 10m29s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'01, Lahiri = 29°58'02


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## FEBRUARY 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 46 44 | 12♒22'42 | 12♐35 | 18♑49 | 0♓37 | 8°R57 | 7♓ 1 | 18♓31 | 26♈49 | 7°R56 | 9°R58 | 11♒23 | 11♒25 | 17♉55 | 4♏ 0 | S 1 |
| M 2 | 8 50 41 | 13°23'42 | 26°46 | 19°23 | 1°52 | 8♏40 | 7°15 | 18°37 | 26°50 | 7♎56 | 9♌56 | 11°23 | 11°22 | 18° 2 | 4° 2 | M 2 |
| T 3 | 8 54 37 | 14°24'42 | 10♑52 | 20° 2 | 3° 7 | 8°23 | 7°29 | 18°44 | 26°52 | 7°55 | 9°55 | 11°23 | 11°19 | 18° 9 | 4° 4 | T 3 |
| W 4 | 8 58 34 | 15°25'41 | 24°49 | 20°45 | 4°22 | 8° 4 | 7°43 | 18°50 | 26°53 | 7°54 | 9°54 | 11°23 | 11°15 | 18°16 | 4° 5 | W 4 |
| T 5 | 9 2 30 | 16°26'39 | 8♒33 | 21°33 | 5°37 | 7°46 | 7°57 | 18°57 | 26°55 | 7°53 | 9°52 | 11°R23 | 11°12 | 18°22 | 4° 7 | T 5 |
| F 6 | 9 6 27 | 17°27'36 | 22° 3 | 22°24 | 6°52 | 7°27 | 8°11 | 19° 3 | 26°57 | 7°52 | 9°51 | 11°23 | 11° 9 | 18°29 | 4° 8 | F 6 |
| S 7 | 9 10 24 | 18°28'32 | 5♓16 | 23°19 | 8° 7 | 7° 7 | 8°25 | 19°10 | 26°58 | 7°51 | 9°50 | 11°23 | 11° 6 | 18°36 | 4° 9 | S 7 |
| S 8 | 9 14 20 | 19°29'27 | 18°11 | 24°17 | 9°22 | 6°46 | 8°39 | 19°17 | 27° 0 | 7°50 | 9°48 | 11°22 | 11° 3 | 18°42 | 4°10 | S 8 |
| M 9 | 9 18 17 | 20°30'20 | 0♈48 | 25°18 | 10°37 | 6°25 | 8°53 | 19°23 | 27° 2 | 7°49 | 9°47 | 11°21 | 11° 0 | 18°49 | 4°11 | M 9 |
| T 10 | 9 22 13 | 21°31'13 | 13°10 | 26°21 | 11°51 | 6° 4 | 9° 7 | 19°30 | 27° 4 | 7°48 | 9°46 | 11°19 | 10°56 | 18°56 | 4°12 | T 10 |
| W11 | 9 26 10 | 22°32'04 | 25°19 | 27°27 | 13° 6 | 5°42 | 9°21 | 19°37 | 27° 5 | 7°47 | 9°44 | 11°18 | 10°53 | 19° 3 | 4°12 | W11 |
| T 12 | 9 30 6 | 23°32'54 | 7♉18 | 28°35 | 14°21 | 5°20 | 9°35 | 19°44 | 27° 7 | 7°46 | 9°43 | 11°17 | 10°50 | 19° 9 | 4°13 | T 12 |
| F 13 | 9 34 3 | 24°33'43 | 19°11 | 29°45 | 15°36 | 4°57 | 9°50 | 19°51 | 27° 9 | 7°45 | 9°42 | 11°D16 | 10°47 | 19°16 | 4°13 | F 13 |
| S 14 | 9 37 59 | 25°34'30 | 1♊ 4 | 0♒57 | 16°51 | 4°34 | 10° 4 | 19°57 | 27°11 | 7°44 | 9°40 | 11°16 | 10°44 | 19°23 | 4°14 | S 14 |
| S 15 | 9 41 56 | 26°35'16 | 13° 0 | 2°11 | 18° 5 | 4°11 | 10°18 | 20° 4 | 27°13 | 7°43 | 9°39 | 11°17 | 10°40 | 19°29 | 4°14 | S 15 |
| M16 | 9 45 53 | 27°36'00 | 25° 5 | 3°27 | 19°20 | 3°48 | 10°33 | 20°11 | 27°15 | 7°42 | 9°38 | 11°18 | 10°37 | 19°36 | 4°R14 | M16 |
| T 17 | 9 49 49 | 28°36'43 | 7♋23 | 4°44 | 20°35 | 3°24 | 10°47 | 20°18 | 27°17 | 7°40 | 9°37 | 11°20 | 10°34 | 19°43 | 4°14 | T 17 |
| W18 | 9 53 46 | 29°37'24 | 19°57 | 6° 2 | 21°49 | 3° 0 | 11° 1 | 20°25 | 27°20 | 7°39 | 9°35 | 11°21 | 10°31 | 19°50 | 4°14 | W18 |
| T 19 | 9 57 42 | 0♓38'04 | 2♌51 | 7°22 | 23° 4 | 2°36 | 11°16 | 20°32 | 27°22 | 7°38 | 9°34 | 11°22 | 10°28 | 19°56 | 4°13 | T 19 |
| F 20 | 10 1 39 | 1°38'42 | 16° 6 | 8°43 | 24°18 | 2°12 | 11°30 | 20°39 | 27°24 | 7°37 | 9°33 | 11°R22 | 10°25 | 20° 3 | 4°13 | F 20 |
| S 21 | 10 5 35 | 2°39'19 | 29°41 | 10° 5 | 25°33 | 1°48 | 11°44 | 20°46 | 27°26 | 7°35 | 9°32 | 11°21 | 10°21 | 20°10 | 4°13 | S 21 |
| S 22 | 10 9 32 | 3°39'54 | 13♍35 | 11°28 | 26°47 | 1°25 | 11°59 | 20°54 | 27°29 | 7°34 | 9°30 | 11°19 | 10°18 | 20°17 | 4°12 | S 22 |
| M23 | 10 13 28 | 4°40'28 | 27°44 | 12°53 | 28° 2 | 1° 1 | 12°13 | 21° 1 | 27°31 | 7°33 | 9°29 | 11°16 | 10°15 | 20°23 | 4°11 | M23 |
| T 24 | 10 17 25 | 5°41'00 | 12♎ 3 | 14°19 | 29°16 | 0°37 | 12°28 | 21° 8 | 27°33 | 7°32 | 9°28 | 11°13 | 10°12 | 20°30 | 4°10 | T 24 |
| W25 | 10 21 22 | 6°41'31 | 26°27 | 15°46 | 0♈30 | 0°14 | 12°42 | 21°15 | 27°36 | 7°30 | 9°27 | 11° 9 | 10° 9 | 20°37 | 4° 9 | W25 |
| T 26 | 10 25 18 | 7°42'02 | 10♏51 | 17°13 | 1°45 | 29♌50 | 12°57 | 21°22 | 27°38 | 7°29 | 9°26 | 11° 6 | 10° 6 | 20°43 | 4° 8 | T 26 |
| F 27 | 10 29 15 | 8°42'30 | 25°11 | 18°42 | 2°59 | 29°27 | 13°11 | 21°29 | 27°41 | 7°27 | 9°24 | 11° 4 | 10° 2 | 20°50 | 4° 7 | F 27 |
| S 28 | 10 33 11 | 9♓42'58 | 9♐23 | 20♒12 | 4♈13 | 29♌ 4 | 13♓26 | 21♓37 | 27♈43 | 7♎26 | 9♌23 | 11°D 3 | 9♒59 | 20♉57 | 4♏ 6 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 3 | 26s44 | 4s31 | 20s 0 | 2n 6 | 12s40 | 1s33 | 12n 9 | 4n16 | 9s46 | 0s55 | 6s15 | 1s52 | 9n48 | 0s34 | 1s54 | 1n21 | 21n52 | 4n19 | 17s20 | 17s19 | 22n 2 | 13s16 | 0s28 |
| M 2 | 16 46 | 27 4 | 3 43 | 20 6 | 1 55 | 12 14 | 1 33 | 12 17 | 4 18 | 9 41 | 0 55 | 6 12 | 1 52 | 9 48 | 0 34 | 1 54 | 1 21 | 21 52 | 4 19 | 17 20 | 17 20 | 22 4 | 13 16 | 0 27 |
| T 3 | 16 28 | 25 37 | 2 41 | 20 11 | 1 44 | 11 46 | 1 32 | 12 25 | 4 19 | 9 35 | 0 55 | 6 10 | 1 52 | 9 49 | 0 34 | 1 54 | 1 21 | 21 53 | 4 19 | 17 19 | 17 21 | 22 6 | 13 16 | 0 27 |
| W 4 | 16 10 | 22 36 | 1 31 | 20 15 | 1 33 | 11 19 | 1 32 | 12 33 | 4 21 | 9 30 | 0 55 | 6 7 | 1 52 | 9 49 | 0 34 | 1 53 | 1 21 | 21 53 | 4 19 | 17 19 | 17 22 | 22 8 | 13 16 | 0 27 |
| T 5 | 15 52 | 18 20 | 0 16 | 20 18 | 1 22 | 10 51 | 1 32 | 12 41 | 4 22 | 9 25 | 0 55 | 6 5 | 1 52 | 9 50 | 0 33 | 1 53 | 1 21 | 21 53 | 4 19 | 17 19 | 17 22 | 22 9 | 13 17 | 0 27 |
| F 6 | 15 34 | 13 12 | 0n59 | 20 21 | 1 12 | 10 23 | 1 31 | 12 49 | 4 23 | 9 20 | 0 55 | 6 2 | 1 52 | 9 50 | 0 33 | 1 52 | 1 21 | 21 54 | 4 19 | 17 19 | 17 23 | 22 11 | 13 17 | 0 26 |
| S 7 | 15 15 | 7 34 | 2 8 | 20 22 | 1 1 | 9 55 | 1 31 | 12 58 | 4 24 | 9 14 | 0 55 | 5 59 | 1 51 | 9 51 | 0 33 | 1 52 | 1 21 | 21 54 | 4 19 | 17 20 | 17 24 | 22 13 | 13 17 | 0 26 |
| S 8 | 14 56 | 1 45 | 3 10 | 20 22 | 0 51 | 9 26 | 1 31 | 13 6 | 4 25 | 9 9 | 0 55 | 5 57 | 1 51 | 9 52 | 0 33 | 1 52 | 1 21 | 21 55 | 4 19 | 17 20 | 17 25 | 22 15 | 13 17 | 0 26 |
| M 9 | 14 37 | 4n 0 | 4 1 | 20 22 | 0 41 | 8 58 | 1 30 | 13 15 | 4 26 | 9 4 | 0 55 | 5 54 | 1 51 | 9 52 | 0 33 | 1 51 | 1 21 | 21 55 | 4 19 | 17 20 | 17 26 | 22 17 | 13 17 | 0 25 |
| T 10 | 14 18 | 9 28 | 4 39 | 20 20 | 0 31 | 8 29 | 1 29 | 13 24 | 4 27 | 8 59 | 0 55 | 5 51 | 1 51 | 9 53 | 0 33 | 1 51 | 1 21 | 21 56 | 4 19 | 17 20 | 17 27 | 22 18 | 13 17 | 0 25 |
| W11 | 13 58 | 14 29 | 5 4 | 20 17 | 0 21 | 7 59 | 1 29 | 13 33 | 4 28 | 8 53 | 0 55 | 5 49 | 1 51 | 9 54 | 0 33 | 1 50 | 1 21 | 21 56 | 4 19 | 17 21 | 17 28 | 22 20 | 13 17 | 0 25 |
| T 12 | 13 38 | 18 53 | 5 15 | 20 12 | 0 11 | 7 30 | 1 28 | 13 41 | 4 28 | 8 48 | 0 55 | 5 46 | 1 51 | 9 54 | 0 33 | 1 50 | 1 21 | 21 56 | 4 19 | 17 21 | 17 29 | 22 22 | 13 17 | 0 24 |
| F 13 | 13 18 | 22 30 | 5 13 | 20 7 | 0 2 | 7 0 | 1 27 | 13 50 | 4 29 | 8 43 | 0 55 | 5 43 | 1 51 | 9 55 | 0 33 | 1 49 | 1 21 | 21 57 | 4 19 | 17 21 | 17 29 | 22 24 | 13 17 | 0 24 |
| S 14 | 12 58 | 25 11 | 4 58 | 20 1 | 0s 7 | 6 30 | 1 26 | 13 59 | 4 29 | 8 37 | 0 55 | 5 40 | 1 51 | 9 56 | 0 33 | 1 49 | 1 21 | 21 57 | 4 20 | 17 21 | 17 30 | 22 25 | 13 16 | 0 24 |
| S 15 | 12 37 | 26 45 | 4 29 | 19 53 | 0 16 | 6 0 | 1 25 | 14 8 | 4 29 | 8 32 | 0 55 | 5 38 | 1 51 | 9 57 | 0 33 | 1 48 | 1 21 | 21 58 | 4 20 | 17 21 | 17 31 | 22 27 | 13 16 | 0 23 |
| M16 | 12 17 | 27 6 | 3 49 | 19 44 | 0 24 | 5 30 | 1 24 | 14 17 | 4 30 | 8 26 | 0 55 | 5 35 | 1 51 | 9 57 | 0 33 | 1 48 | 1 21 | 21 58 | 4 20 | 17 21 | 17 32 | 22 29 | 13 16 | 0 23 |
| T 17 | 11 56 | 26 7 | 2 57 | 19 34 | 0 32 | 5 0 | 1 23 | 14 25 | 4 30 | 8 21 | 0 55 | 5 32 | 1 51 | 9 58 | 0 33 | 1 47 | 1 21 | 21 58 | 4 20 | 17 20 | 17 33 | 22 31 | 13 16 | 0 23 |
| W18 | 11 35 | 23 48 | 1 55 | 19 22 | 0 40 | 4 29 | 1 22 | 14 34 | 4 30 | 8 16 | 0 55 | 5 29 | 1 51 | 9 59 | 0 33 | 1 47 | 1 21 | 21 59 | 4 20 | 17 20 | 17 34 | 22 32 | 13 15 | 0 22 |
| T 19 | 11 13 | 20 14 | 0 47 | 19 10 | 0 48 | 3 59 | 1 20 | 14 43 | 4 30 | 8 10 | 0 55 | 5 27 | 1 51 | 10 0 | 0 33 | 1 46 | 1 21 | 21 59 | 4 20 | 17 20 | 17 35 | 22 34 | 13 15 | 0 22 |
| F 20 | 10 52 | 15 34 | 0s26 | 18 56 | 0 55 | 3 28 | 1 19 | 14 51 | 4 29 | 8 5 | 0 55 | 5 24 | 1 51 | 10 1 | 0 33 | 1 46 | 1 22 | 21 59 | 4 20 | 17 20 | 17 35 | 22 36 | 13 14 | 0 22 |
| S 21 | 10 30 | 10 0 | 1 39 | 18 41 | 1 2 | 2 57 | 1 18 | 15 0 | 4 29 | 7 59 | 0 55 | 5 21 | 1 51 | 10 1 | 0 33 | 1 45 | 1 22 | 22 0 | 4 20 | 17 20 | 17 36 | 22 37 | 13 14 | 0 21 |
| S 22 | 10 8 | 3 51 | 2 48 | 18 24 | 1 9 | 2 26 | 1 16 | 15 8 | 4 29 | 7 54 | 0 55 | 5 18 | 1 51 | 10 2 | 0 33 | 1 45 | 1 22 | 22 0 | 4 20 | 17 21 | 17 37 | 22 39 | 13 13 | 0 21 |
| M23 | 9 47 | 2s35 | 3 48 | 18 7 | 1 15 | 1 55 | 1 15 | 15 16 | 4 28 | 7 48 | 0 55 | 5 15 | 1 51 | 10 3 | 0 33 | 1 44 | 1 22 | 22 1 | 4 20 | 17 21 | 17 38 | 22 41 | 13 13 | 0 21 |
| T 24 | 9 24 | 8 57 | 4 34 | 17 48 | 1 21 | 1 24 | 1 13 | 15 24 | 4 27 | 7 43 | 0 55 | 5 13 | 1 51 | 10 4 | 0 33 | 1 44 | 1 22 | 22 1 | 4 20 | 17 22 | 17 39 | 22 43 | 13 12 | 0 20 |
| W25 | 9 2 | 14 53 | 5 3 | 17 28 | 1 27 | 0 53 | 1 11 | 15 31 | 4 27 | 7 37 | 0 55 | 5 10 | 1 51 | 10 5 | 0 33 | 1 43 | 1 22 | 22 1 | 4 20 | 17 23 | 17 40 | 22 44 | 13 11 | 0 20 |
| T 26 | 8 40 | 20 0 | 5 13 | 17 7 | 1 33 | 0 22 | 1 10 | 15 39 | 4 26 | 7 32 | 0 55 | 5 7 | 1 51 | 10 6 | 0 33 | 1 43 | 1 22 | 22 2 | 4 20 | 17 24 | 17 41 | 22 46 | 13 11 | 0 20 |
| F 27 | 8 17 | 23 56 | 5 4 | 16 44 | 1 38 | 0n 9 | 1 8 | 15 46 | 4 25 | 7 26 | 0 55 | 5 4 | 1 51 | 10 7 | 0 33 | 1 42 | 1 22 | 22 2 | 4 20 | 17 25 | 17 41 | 22 48 | 13 10 | 0 19 |
| S 28 | 7s55 | 26s21 | 4s36 | 16s20 | 1s43 | 0n40 | 1s 6 | 15n53 | 4n24 | 7s21 | 0s55 | 5s 1 | 1s51 | 10n 8 | 0s33 | 1s41 | 1n22 | 22n 2 | 4n20 | 17s25 | 17s42 | 22n49 | 13s 9 | 0s19 |

Julian Day Number = 2611187.5, Delta T = 10m29s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'05, Lahiri = 29°58'06


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## MARCH 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 37 8 | 10♓43'25 | 23♐25 | 21♒43 | 5♈28 | 28°R42 | 13♓40 | 21♓44 | 27♈46 | 7°R25 | 9°R22 | 11♒ 4 | 9♒56 | 21♉ 4 | 4°R 4 | S 1 |
| M 2 | 10 41 4 | 11°43'50 | 7♑17 | 23°15 | 6°42 | 28♌20 | 13°55 | 21°51 | 27°48 | 7♎23 | 9♌21 | 11° 5 | 9°53 | 21°10 | 4♏ 3 | M 2 |
| T 3 | 10 45 1 | 12°44'13 | 20°57 | 24°48 | 7°56 | 27°58 | 14° 9 | 21°58 | 27°51 | 7°22 | 9°20 | 11° 7 | 9°50 | 21°17 | 4° 1 | T 3 |
| W 4 | 10 48 57 | 13°44'36 | 4♒26 | 26°22 | 9°10 | 27°37 | 14°24 | 22° 6 | 27°54 | 7°20 | 9°19 | 11°R 8 | 9°46 | 21°24 | 3°59 | W 4 |
| T 5 | 10 52 54 | 14°44'57 | 17°44 | 27°57 | 10°24 | 27°16 | 14°38 | 22°13 | 27°56 | 7°19 | 9°18 | 11° 8 | 9°43 | 21°30 | 3°57 | T 5 |
| F 6 | 10 56 51 | 15°45'16 | 0♓49 | 29°33 | 11°38 | 26°56 | 14°53 | 22°20 | 27°59 | 7°17 | 9°17 | 11° 6 | 9°40 | 21°37 | 3°55 | F 6 |
| S 7 | 11 0 47 | 16°45'33 | 13°43 | 1♓11 | 12°52 | 26°36 | 15° 7 | 22°28 | 28° 2 | 7°16 | 9°16 | 11° 3 | 9°37 | 21°44 | 3°53 | S 7 |
| S 8 | 11 4 44 | 17°45'49 | 26°23 | 2°49 | 14° 6 | 26°17 | 15°22 | 22°35 | 28° 5 | 7°14 | 9°15 | 10°58 | 9°34 | 21°51 | 3°51 | S 8 |
| M 9 | 11 8 40 | 18°46'03 | 8♈52 | 4°28 | 15°20 | 25°59 | 15°36 | 22°42 | 28° 7 | 7°13 | 9°14 | 10°51 | 9°31 | 21°57 | 3°49 | M 9 |
| T 10 | 11 12 37 | 19°46'15 | 21° 9 | 6° 8 | 16°34 | 25°41 | 15°51 | 22°50 | 28°10 | 7°11 | 9°13 | 10°44 | 9°27 | 22° 4 | 3°46 | T 10 |
| W11 | 11 16 33 | 20°46'26 | 3♉15 | 7°49 | 17°48 | 25°24 | 16° 5 | 22°57 | 28°13 | 7° 9 | 9°12 | 10°36 | 9°24 | 22°11 | 3°44 | W11 |
| T 12 | 11 20 30 | 21°46'34 | 15°13 | 9°31 | 19° 2 | 25° 8 | 16°20 | 23° 4 | 28°16 | 7° 8 | 9°11 | 10°30 | 9°21 | 22°17 | 3°41 | T 12 |
| F 13 | 11 24 26 | 22°46'40 | 27° 5 | 11°15 | 20°15 | 24°52 | 16°34 | 23°12 | 28°19 | 7° 6 | 9°10 | 10°25 | 9°18 | 22°24 | 3°38 | F 13 |
| S 14 | 11 28 23 | 23°46'45 | 8♊57 | 12°59 | 21°29 | 24°37 | 16°49 | 23°19 | 28°22 | 7° 5 | 9° 9 | 10°21 | 9°15 | 22°31 | 3°35 | S 14 |
| S 15 | 11 32 20 | 24°46'47 | 20°51 | 14°45 | 22°43 | 24°22 | 17° 3 | 23°26 | 28°25 | 7° 3 | 9° 8 | 10°D20 | 9°12 | 22°38 | 3°33 | S 15 |
| M16 | 11 36 16 | 25°46'47 | 2♋53 | 16°31 | 23°56 | 24° 9 | 17°17 | 23°34 | 28°28 | 7° 1 | 9° 7 | 10°20 | 9° 8 | 22°44 | 3°30 | M16 |
| T 17 | 11 40 13 | 26°46'45 | 15° 8 | 18°19 | 25°10 | 23°56 | 17°32 | 23°41 | 28°31 | 7° 0 | 9° 6 | 10°21 | 9° 5 | 22°51 | 3°26 | T 17 |
| W18 | 11 44 9 | 27°46'41 | 27°42 | 20° 8 | 26°23 | 23°44 | 17°46 | 23°48 | 28°34 | 6°58 | 9° 5 | 10°23 | 9° 2 | 22°58 | 3°23 | W18 |
| T 19 | 11 48 6 | 28°46'34 | 10♌37 | 21°58 | 27°37 | 23°33 | 18° 1 | 23°56 | 28°37 | 6°57 | 9° 5 | 10°R23 | 8°59 | 23° 5 | 3°20 | T 19 |
| F 20 | 11 52 2 | 29°46'26 | 23°58 | 23°49 | 28°50 | 23°23 | 18°15 | 24° 3 | 28°40 | 6°55 | 9° 4 | 10°22 | 8°56 | 23°11 | 3°17 | F 20 |
| S 21 | 11 55 59 | 0♈46'15 | 7♍45 | 25°42 | 0♉ 3 | 23°13 | 18°29 | 24°10 | 28°43 | 6°53 | 9° 3 | 10°19 | 8°52 | 23°18 | 3°13 | S 21 |
| S 22 | 11 59 55 | 1°46'02 | 21°57 | 27°35 | 1°16 | 23° 4 | 18°44 | 24°18 | 28°46 | 6°52 | 9° 2 | 10°14 | 8°49 | 23°25 | 3°10 | S 22 |
| M23 | 12 3 52 | 2°45'48 | 6♎30 | 29°30 | 2°30 | 22°56 | 18°58 | 24°25 | 28°49 | 6°50 | 9° 1 | 10° 7 | 8°46 | 23°31 | 3° 6 | M23 |
| T 24 | 12 7 48 | 3°45'31 | 21°17 | 1♈25 | 3°43 | 22°49 | 19°12 | 24°32 | 28°53 | 6°48 | 9° 1 | 9°58 | 8°43 | 23°38 | 3° 2 | T 24 |
| W25 | 12 11 45 | 4°45'12 | 6♏10 | 3°22 | 4°56 | 22°42 | 19°27 | 24°39 | 28°56 | 6°47 | 9° 0 | 9°50 | 8°40 | 23°45 | 2°59 | W25 |
| T 26 | 12 15 42 | 5°44'52 | 21° 0 | 5°20 | 6° 9 | 22°36 | 19°41 | 24°47 | 28°59 | 6°45 | 8°59 | 9°42 | 8°37 | 23°52 | 2°55 | T 26 |
| F 27 | 12 19 38 | 6°44'30 | 5♐40 | 7°19 | 7°22 | 22°31 | 19°55 | 24°54 | 29° 2 | 6°43 | 8°59 | 9°36 | 8°33 | 23°58 | 2°51 | F 27 |
| S 28 | 12 23 35 | 7°44'07 | 20° 4 | 9°18 | 8°35 | 22°27 | 20° 9 | 25° 1 | 29° 5 | 6°42 | 8°58 | 9°33 | 8°30 | 24° 5 | 2°47 | S 28 |
| S 29 | 12 27 31 | 8°43'41 | 4♑ 9 | 11°19 | 9°48 | 22°24 | 20°23 | 25° 8 | 29° 9 | 6°40 | 8°58 | 9°D31 | 8°27 | 24°12 | 2°43 | S 29 |
| M30 | 12 31 28 | 9°43'15 | 17°55 | 13°20 | 11° 0 | 22°21 | 20°38 | 25°16 | 29°12 | 6°38 | 8°57 | 9°32 | 8°24 | 24°18 | 2°39 | M30 |
| T 31 | 12 35 24 | 10♈42'46 | 1♒23 | 15♈21 | 12♉13 | 22♌19 | 20♓52 | 25♓23 | 29♈15 | 6♎37 | 8♌56 | 9♒32 | 8♒21 | 24♉25 | 2♏35 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s32 | 27s 5 | 3s52 | 15s55 | 1s47 | 1n11 | 1s 4 | 16n 0 | 4n23 | 7s15 | 0s55 | 4s58 | 1s51 | 10n 9 | 0s33 | 1s41 | 1n22 | 22n 3 | 4n20 | 17s25 | 17s43 | 22n51 | 13s 8 | 0s19 |
| M 2 | 7 9 | 26 5 | 2 55 | 15 29 | 1 51 | 1 42 | 1 2 | 16 7 | 4 21 | 7 10 | 0 55 | 4 56 | 1 51 | 10 10 | 0 33 | 1 40 | 1 22 | 22 3 | 4 20 | 17 24 | 17 44 | 22 53 | 13 8 | 0 18 |
| T 3 | 6 46 | 23 32 | 1 48 | 15 2 | 1 55 | 2 13 | 1 0 | 16 13 | 4 20 | 7 4 | 0 55 | 4 53 | 1 51 | 10 11 | 0 33 | 1 40 | 1 22 | 22 3 | 4 20 | 17 24 | 17 45 | 22 54 | 13 7 | 0 18 |
| W 4 | 6 23 | 19 42 | 0 37 | 14 33 | 1 58 | 2 44 | 0 58 | 16 19 | 4 19 | 6 59 | 0 55 | 4 50 | 1 51 | 10 12 | 0 33 | 1 39 | 1 22 | 22 3 | 4 20 | 17 24 | 17 46 | 22 56 | 13 6 | 0 18 |
| T 5 | 6 0 | 14 55 | 0n36 | 14 3 | 2 1 | 3 15 | 0 56 | 16 25 | 4 17 | 6 53 | 0 55 | 4 47 | 1 51 | 10 12 | 0 33 | 1 38 | 1 22 | 22 4 | 4 20 | 17 24 | 17 46 | 22 57 | 13 5 | 0 17 |
| F 6 | 5 36 | 9 31 | 1 45 | 13 32 | 2 4 | 3 46 | 0 54 | 16 30 | 4 15 | 6 48 | 0 55 | 4 44 | 1 51 | 10 13 | 0 33 | 1 38 | 1 22 | 22 4 | 4 20 | 17 24 | 17 47 | 22 59 | 13 4 | 0 17 |
| S 7 | 5 13 | 3 48 | 2 48 | 13 0 | 2 6 | 4 17 | 0 51 | 16 36 | 4 14 | 6 42 | 0 55 | 4 41 | 1 51 | 10 14 | 0 33 | 1 37 | 1 22 | 22 4 | 4 20 | 17 25 | 17 48 | 23 1 | 13 3 | 0 17 |
| S 8 | 4 50 | 1n57 | 3 41 | 12 26 | 2 8 | 4 48 | 0 49 | 16 40 | 4 12 | 6 37 | 0 55 | 4 38 | 1 51 | 10 16 | 0 33 | 1 37 | 1 22 | 22 5 | 4 20 | 17 26 | 17 49 | 23 2 | 13 2 | 0 16 |
| M 9 | 4 26 | 7 32 | 4 23 | 11 52 | 2 10 | 5 18 | 0 47 | 16 45 | 4 10 | 6 31 | 0 55 | 4 35 | 1 51 | 10 17 | 0 33 | 1 36 | 1 22 | 22 5 | 4 20 | 17 28 | 17 50 | 23 4 | 13 1 | 0 16 |
| T 10 | 4 2 | 12 44 | 4 52 | 11 16 | 2 11 | 5 49 | 0 44 | 16 49 | 4 8 | 6 25 | 0 56 | 4 33 | 1 51 | 10 18 | 0 33 | 1 35 | 1 22 | 22 5 | 4 20 | 17 30 | 17 51 | 23 5 | 12 59 | 0 16 |
| W11 | 3 39 | 17 22 | 5 7 | 10 39 | 2 11 | 6 19 | 0 42 | 16 53 | 4 6 | 6 20 | 0 56 | 4 30 | 1 51 | 10 19 | 0 33 | 1 35 | 1 22 | 22 5 | 4 20 | 17 32 | 17 52 | 23 7 | 12 58 | 0 15 |
| T 12 | 3 15 | 21 16 | 5 8 | 10 1 | 2 11 | 6 50 | 0 39 | 16 57 | 4 4 | 6 14 | 0 56 | 4 27 | 1 51 | 10 20 | 0 32 | 1 34 | 1 22 | 22 6 | 4 20 | 17 34 | 17 52 | 23 9 | 12 57 | 0 15 |
| F 13 | 2 52 | 24 16 | 4 56 | 9 21 | 2 11 | 7 20 | 0 37 | 17 1 | 4 2 | 6 9 | 0 56 | 4 24 | 1 51 | 10 21 | 0 32 | 1 33 | 1 22 | 22 6 | 4 20 | 17 35 | 17 53 | 23 10 | 12 56 | 0 15 |
| S 14 | 2 28 | 26 13 | 4 32 | 8 41 | 2 11 | 7 50 | 0 34 | 17 4 | 4 0 | 6 3 | 0 56 | 4 21 | 1 51 | 10 22 | 0 32 | 1 33 | 1 22 | 22 6 | 4 20 | 17 36 | 17 54 | 23 12 | 12 54 | 0 14 |
| S 15 | 2 4 | 26 59 | 3 55 | 7 59 | 2 9 | 8 20 | 0 32 | 17 6 | 3 58 | 5 58 | 0 56 | 4 18 | 1 51 | 10 23 | 0 32 | 1 32 | 1 22 | 22 6 | 4 20 | 17 37 | 17 55 | 23 13 | 12 53 | 0 14 |
| M16 | 1 40 | 26 30 | 3 8 | 7 16 | 2 8 | 8 49 | 0 29 | 17 9 | 3 56 | 5 52 | 0 56 | 4 15 | 1 51 | 10 24 | 0 32 | 1 31 | 1 22 | 22 7 | 4 20 | 17 37 | 17 56 | 23 15 | 12 52 | 0 13 |
| T 17 | 1 17 | 24 43 | 2 12 | 6 32 | 2 6 | 9 19 | 0 26 | 17 11 | 3 54 | 5 47 | 0 56 | 4 13 | 1 51 | 10 25 | 0 32 | 1 31 | 1 22 | 22 7 | 4 20 | 17 36 | 17 57 | 23 16 | 12 50 | 0 13 |
| W18 | 0 53 | 21 41 | 1 8 | 5 47 | 2 3 | 9 48 | 0 23 | 17 13 | 3 52 | 5 41 | 0 56 | 4 10 | 1 52 | 10 26 | 0 32 | 1 30 | 1 22 | 22 7 | 4 20 | 17 36 | 17 57 | 23 18 | 12 49 | 0 13 |
| T 19 | 0 29 | 17 31 | 0s 1 | 5 1 | 2 0 | 10 17 | 0 21 | 17 15 | 3 49 | 5 35 | 0 56 | 4 7 | 1 52 | 10 27 | 0 32 | 1 29 | 1 22 | 22 7 | 4 20 | 17 36 | 17 58 | 23 19 | 12 47 | 0 12 |
| F 20 | 0 5 | 12 22 | 1 13 | 4 14 | 1 57 | 10 45 | 0 18 | 17 16 | 3 47 | 5 30 | 0 56 | 4 4 | 1 52 | 10 28 | 0 32 | 1 29 | 1 22 | 22 7 | 4 20 | 17 36 | 17 59 | 23 21 | 12 46 | 0 12 |
| S 21 | 0n18 | 6 27 | 2 22 | 3 26 | 1 53 | 11 14 | 0 15 | 17 17 | 3 45 | 5 24 | 0 56 | 4 1 | 1 52 | 10 29 | 0 32 | 1 28 | 1 22 | 22 8 | 4 20 | 17 37 | 18 0 | 23 23 | 12 44 | 0 12 |
| S 22 | 0 42 | 0 3 | 3 24 | 2 37 | 1 48 | 11 42 | 0 12 | 17 18 | 3 42 | 5 19 | 0 56 | 3 58 | 1 52 | 10 31 | 0 32 | 1 27 | 1 22 | 22 8 | 4 20 | 17 38 | 18 1 | 23 24 | 12 43 | 0 11 |
| M23 | 1 6 | 6s29 | 4 15 | 1 47 | 1 43 | 12 10 | 0 9 | 17 18 | 3 40 | 5 13 | 0 56 | 3 56 | 1 52 | 10 32 | 0 32 | 1 27 | 1 22 | 22 8 | 4 20 | 17 40 | 18 2 | 23 26 | 12 41 | 0 11 |
| T 24 | 1 29 | 12 45 | 4 49 | 0 56 | 1 37 | 12 38 | 0 6 | 17 18 | 3 37 | 5 8 | 0 57 | 3 53 | 1 52 | 10 33 | 0 32 | 1 26 | 1 22 | 22 8 | 4 20 | 17 42 | 18 2 | 23 27 | 12 40 | 0 10 |
| W25 | 1 53 | 18 20 | 5 5 | 0 4 | 1 31 | 13 5 | 0 3 | 17 18 | 3 35 | 5 2 | 0 57 | 3 50 | 1 52 | 10 34 | 0 32 | 1 25 | 1 22 | 22 8 | 4 20 | 17 45 | 18 3 | 23 29 | 12 38 | 0 10 |
| T 26 | 2 17 | 22 47 | 4 59 | 0n49 | 1 25 | 13 32 | 0 0 | 17 18 | 3 33 | 4 57 | 0 57 | 3 47 | 1 52 | 10 35 | 0 32 | 1 25 | 1 22 | 22 8 | 4 20 | 17 47 | 18 4 | 23 30 | 12 36 | 0 10 |
| F 27 | 2 40 | 25 42 | 4 35 | 1 43 | 1 17 | 13 59 | 0n 3 | 17 17 | 3 30 | 4 51 | 0 57 | 3 44 | 1 52 | 10 36 | 0 32 | 1 24 | 1 22 | 22 9 | 4 20 | 17 48 | 18 5 | 23 32 | 12 35 | 0 9 |
| S 28 | 3 4 | 26 53 | 3 53 | 2 37 | 1 10 | 14 25 | 0 6 | 17 16 | 3 28 | 4 46 | 0 57 | 3 41 | 1 52 | 10 37 | 0 32 | 1 23 | 1 22 | 22 9 | 4 20 | 17 49 | 18 6 | 23 33 | 12 33 | 0 9 |
| S 29 | 3 27 | 26 16 | 2 57 | 3 31 | 1 1 | 14 51 | 0 9 | 17 15 | 3 25 | 4 40 | 0 57 | 3 39 | 1 52 | 10 39 | 0 32 | 1 23 | 1 22 | 22 9 | 4 20 | 17 50 | 18 7 | 23 34 | 12 31 | 0 9 |
| M30 | 3 51 | 24 3 | 1 53 | 4 26 | 0 53 | 15 17 | 0 12 | 17 14 | 3 23 | 4 35 | 0 57 | 3 36 | 1 52 | 10 40 | 0 32 | 1 22 | 1 22 | 22 9 | 4 20 | 17 50 | 18 7 | 23 36 | 12 30 | 0 8 |
| T 31 | 4n14 | 20s31 | 0s43 | 5n22 | 0s43 | 15n42 | 0n15 | 17n12 | 3n20 | 4s29 | 0s57 | 3s33 | 1s52 | 10n41 | 0s32 | 1s21 | 1n22 | 22n 9 | 4n20 | 17s49 | 18s 8 | 23n37 | 12s28 | 0s 8 |

Julian Day Number = 2611215.5, Delta T = 10m29s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'09, Lahiri = 29°58'10


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## APRIL 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 39 21 | 11♈42'15 | 14♒34 | 17♈23 | 13♉26 | 22°R18 | 21♓ 6 | 25♓30 | 29♈19 | 6°R35 | 8°R56 | 9°R32 | 8♒18 | 24♉32 | 2°R31 | W 1 |
| T 2 | 12 43 17 | 12°41'43 | 27°31 | 19°24 | 14°38 | 22°D18 | 21°20 | 25°37 | 29°22 | 6♎33 | 8♏55 | 9♒31 | 8°14 | 24°39 | 2♏26 | T 2 |
| F 3 | 12 47 14 | 13°41'09 | 10♓15 | 21°26 | 15°51 | 22♏18 | 21°34 | 25°44 | 29°25 | 6°32 | 8°55 | 9°27 | 8°11 | 24°45 | 2°22 | F 3 |
| S 4 | 12 51 11 | 14°40'33 | 22°49 | 23°27 | 17° 3 | 22°19 | 21°48 | 25°51 | 29°29 | 6°30 | 8°55 | 9°20 | 8° 8 | 24°52 | 2°18 | S 4 |
| S 5 | 12 55 7 | 15°39'55 | 5♈13 | 25°27 | 18°16 | 22°21 | 22° 2 | 25°58 | 29°32 | 6°28 | 8°54 | 9°10 | 8° 5 | 24°59 | 2°13 | S 5 |
| M 6 | 12 59 4 | 16°39'15 | 17°29 | 27°27 | 19°28 | 22°23 | 22°15 | 26° 5 | 29°35 | 6°27 | 8°54 | 8°59 | 8° 2 | 25° 5 | 2° 9 | M 6 |
| T 7 | 13 3 0 | 17°38'33 | 29°37 | 29°24 | 20°40 | 22°26 | 22°29 | 26°12 | 29°39 | 6°25 | 8°53 | 8°46 | 7°58 | 25°12 | 2° 5 | T 7 |
| W 8 | 13 6 57 | 18°37'49 | 11♉37 | 1♉20 | 21°53 | 22°30 | 22°43 | 26°19 | 29°42 | 6°24 | 8°53 | 8°33 | 7°55 | 25°19 | 2° 0 | W 8 |
| T 9 | 13 10 53 | 19°37'03 | 23°32 | 3°14 | 23° 5 | 22°35 | 22°57 | 26°26 | 29°45 | 6°22 | 8°53 | 8°21 | 7°52 | 25°26 | 1°55 | T 9 |
| F 10 | 13 14 50 | 20°36'15 | 5♊23 | 5° 5 | 24°17 | 22°40 | 23°11 | 26°33 | 29°49 | 6°20 | 8°52 | 8°11 | 7°49 | 25°32 | 1°51 | F 10 |
| S 11 | 13 18 46 | 21°35'24 | 17°13 | 6°53 | 25°29 | 22°46 | 23°24 | 26°40 | 29°52 | 6°19 | 8°52 | 8° 3 | 7°46 | 25°39 | 1°46 | S 11 |
| S 12 | 13 22 43 | 22°34'32 | 29° 6 | 8°37 | 26°41 | 22°52 | 23°38 | 26°47 | 29°56 | 6°17 | 8°52 | 7°58 | 7°43 | 25°46 | 1°42 | S 12 |
| M13 | 13 26 40 | 23°33'37 | 11♋ 6 | 10°18 | 27°52 | 23° 0 | 23°51 | 26°54 | 29°59 | 6°16 | 8°52 | 7°56 | 7°39 | 25°52 | 1°37 | M13 |
| T 14 | 13 30 36 | 24°32'40 | 23°17 | 11°55 | 29° 4 | 23° 7 | 24° 5 | 27° 1 | 0♉ 2 | 6°14 | 8°51 | 7°D55 | 7°36 | 25°59 | 1°32 | T 14 |
| W15 | 13 34 33 | 25°31'40 | 5♌47 | 13°27 | 0♊16 | 23°16 | 24°18 | 27° 8 | 0° 6 | 6°12 | 8°51 | 7°R55 | 7°33 | 26° 6 | 1°28 | W15 |
| T 16 | 13 38 29 | 26°30'39 | 18°38 | 14°55 | 1°28 | 23°25 | 24°32 | 27°14 | 0° 9 | 6°11 | 8°51 | 7°55 | 7°30 | 26°13 | 1°23 | T 16 |
| F 17 | 13 42 26 | 27°29'35 | 1♍56 | 16°17 | 2°39 | 23°34 | 24°45 | 27°21 | 0°13 | 6° 9 | 8°51 | 7°53 | 7°27 | 26°19 | 1°18 | F 17 |
| S 18 | 13 46 22 | 28°28'28 | 15°43 | 17°35 | 3°50 | 23°44 | 24°58 | 27°28 | 0°16 | 6° 8 | 8°51 | 7°49 | 7°23 | 26°26 | 1°13 | S 18 |
| S 19 | 13 50 19 | 29°27'20 | 29°59 | 18°47 | 5° 2 | 23°55 | 25°12 | 27°34 | 0°20 | 6° 6 | 8°51 | 7°42 | 7°20 | 26°33 | 1° 9 | S 19 |
| M20 | 13 54 15 | 0♉26'09 | 14♎43 | 19°54 | 6°13 | 24° 6 | 25°25 | 27°41 | 0°23 | 6° 5 | 8°51 | 7°33 | 7°17 | 26°39 | 1° 4 | M20 |
| T 21 | 13 58 12 | 1°24'56 | 29°45 | 20°54 | 7°24 | 24°18 | 25°38 | 27°47 | 0°26 | 6° 3 | 8°D51 | 7°22 | 7°14 | 26°46 | 0°59 | T 21 |
| W22 | 14 2 9 | 2°23'41 | 14♏58 | 21°50 | 8°35 | 24°31 | 25°51 | 27°54 | 0°30 | 6° 2 | 8°51 | 7°11 | 7°11 | 26°53 | 0°54 | W22 |
| T 23 | 14 6 5 | 3°22'25 | 0♐10 | 22°39 | 9°46 | 24°43 | 26° 4 | 28° 0 | 0°33 | 6° 0 | 8°51 | 7° 1 | 7° 8 | 27° 0 | 0°50 | T 23 |
| F 24 | 14 10 2 | 4°21'07 | 15°11 | 23°22 | 10°57 | 24°57 | 26°17 | 28° 7 | 0°37 | 5°59 | 8°51 | 6°53 | 7° 4 | 27° 6 | 0°45 | F 24 |
| S 25 | 14 13 58 | 5°19'47 | 29°52 | 24° 0 | 12° 8 | 25°11 | 26°30 | 28°13 | 0°40 | 5°58 | 8°51 | 6°47 | 7° 1 | 27°13 | 0°40 | S 25 |
| S 26 | 14 17 55 | 6°18'25 | 14♑10 | 24°31 | 13°19 | 25°25 | 26°43 | 28°19 | 0°44 | 5°56 | 8°51 | 6°44 | 6°58 | 27°20 | 0°35 | S 26 |
| M27 | 14 21 51 | 7°17'02 | 28° 2 | 24°56 | 14°29 | 25°40 | 26°55 | 28°26 | 0°47 | 5°55 | 8°51 | 6°43 | 6°55 | 27°26 | 0°31 | M27 |
| T 28 | 14 25 48 | 8°15'37 | 11♒29 | 25°15 | 15°40 | 25°55 | 27° 8 | 28°32 | 0°50 | 5°54 | 8°52 | 6°43 | 6°52 | 27°33 | 0°26 | T 28 |
| W29 | 14 29 44 | 9°14'10 | 24°35 | 25°28 | 16°50 | 26°11 | 27°21 | 28°38 | 0°54 | 5°52 | 8°52 | 6°43 | 6°49 | 27°40 | 0°21 | W29 |
| T 30 | 14 33 41 | 10♉12'42 | 7♓22 | 25♉35 | 18♊ 0 | 26♏27 | 27♓33 | 28♓44 | 0♉57 | 5♎51 | 8♏52 | 6♒41 | 6♒45 | 27♉47 | 0♏17 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n37 | 16s 0 | 0n27 | 6n17 | 0s34 | 16n 7 | 0n18 | 17n10 | 3n18 | 4s24 | 0s57 | 3s30 | 1s52 | 10n42 | 0s32 | 1s21 | 1n22 | 22n 9 | 4n19 | 17s49 | 18s 9 | 23n39 | 12s26 | 0s 7 |
| T 2 | 5 0 | 10 50 | 1 34 | 7 13 | 0 24 | 16 32 | 0 21 | 17 8 | 3 16 | 4 19 | 0 57 | 3 28 | 1 53 | 10 43 | 0 32 | 1 20 | 1 22 | 22 9 | 4 19 | 17 50 | 18 10 | 23 40 | 12 24 | 0 7 |
| F 3 | 5 23 | 5 18 | 2 36 | 8 8 | 0 13 | 16 56 | 0 24 | 17 5 | 3 13 | 4 13 | 0 57 | 3 25 | 1 53 | 10 44 | 0 32 | 1 20 | 1 22 | 22 9 | 4 19 | 17 51 | 18 11 | 23 42 | 12 22 | 0 7 |
| S 4 | 5 46 | 0n21 | 3 29 | 9 3 | 0 2 | 17 20 | 0 28 | 17 3 | 3 11 | 4 8 | 0 58 | 3 22 | 1 53 | 10 46 | 0 32 | 1 19 | 1 22 | 22 9 | 4 19 | 17 53 | 18 11 | 23 43 | 12 20 | 0 6 |
| S 5 | 6 9 | 5 55 | 4 11 | 9 58 | 0n 9 | 17 43 | 0 31 | 17 0 | 3 8 | 4 2 | 0 58 | 3 19 | 1 53 | 10 47 | 0 32 | 1 18 | 1 22 | 22 10 | 4 19 | 17 55 | 18 12 | 23 45 | 12 19 | 0 6 |
| M 6 | 6 32 | 11 10 | 4 41 | 10 51 | 0 20 | 18 6 | 0 34 | 16 57 | 3 6 | 3 57 | 0 58 | 3 17 | 1 53 | 10 48 | 0 32 | 1 18 | 1 22 | 22 10 | 4 19 | 17 58 | 18 13 | 23 46 | 12 17 | 0 5 |
| T 7 | 6 55 | 15 57 | 4 57 | 11 44 | 0 32 | 18 28 | 0 37 | 16 54 | 3 4 | 3 52 | 0 58 | 3 14 | 1 53 | 10 49 | 0 32 | 1 17 | 1 22 | 22 10 | 4 19 | 18 2 | 18 14 | 23 47 | 12 15 | 0 5 |
| W 8 | 7 17 | 20 3 | 5 1 | 12 36 | 0 43 | 18 50 | 0 40 | 16 50 | 3 1 | 3 46 | 0 58 | 3 11 | 1 53 | 10 50 | 0 32 | 1 16 | 1 22 | 22 10 | 4 19 | 18 5 | 18 15 | 23 49 | 12 13 | 0 5 |
| T 9 | 7 39 | 23 18 | 4 51 | 13 26 | 0 55 | 19 12 | 0 43 | 16 46 | 2 59 | 3 41 | 0 58 | 3 9 | 1 53 | 10 52 | 0 32 | 1 16 | 1 22 | 22 10 | 4 19 | 18 8 | 18 16 | 23 50 | 12 11 | 0 4 |
| F 10 | 8 2 | 25 33 | 4 29 | 14 14 | 1 7 | 19 33 | 0 46 | 16 42 | 2 57 | 3 36 | 0 58 | 3 6 | 1 53 | 10 53 | 0 32 | 1 15 | 1 22 | 22 10 | 4 19 | 18 11 | 18 16 | 23 52 | 12 9 | 0 4 |
| S 11 | 8 24 | 26 40 | 3 55 | 15 1 | 1 18 | 19 53 | 0 50 | 16 38 | 2 54 | 3 30 | 0 58 | 3 3 | 1 54 | 10 54 | 0 32 | 1 14 | 1 22 | 22 10 | 4 19 | 18 13 | 18 17 | 23 53 | 12 7 | 0 4 |
| S 12 | 8 46 | 26 33 | 3 10 | 15 45 | 1 29 | 20 13 | 0 53 | 16 34 | 2 52 | 3 25 | 0 58 | 3 1 | 1 54 | 10 55 | 0 32 | 1 14 | 1 22 | 22 10 | 4 19 | 18 14 | 18 18 | 23 54 | 12 5 | 0 3 |
| M13 | 9 8 | 25 12 | 2 17 | 16 27 | 1 40 | 20 33 | 0 56 | 16 29 | 2 50 | 3 20 | 0 59 | 2 58 | 1 54 | 10 56 | 0 32 | 1 13 | 1 22 | 22 10 | 4 19 | 18 15 | 18 19 | 23 56 | 12 3 | 0 3 |
| T 14 | 9 29 | 22 38 | 1 17 | 17 7 | 1 50 | 20 52 | 0 59 | 16 25 | 2 47 | 3 15 | 0 59 | 2 56 | 1 54 | 10 58 | 0 32 | 1 13 | 1 22 | 22 10 | 4 19 | 18 15 | 18 20 | 23 57 | 12 1 | 0 2 |
| W15 | 9 51 | 18 58 | 0 11 | 17 45 | 2 0 | 21 10 | 1 2 | 16 20 | 2 45 | 3 9 | 0 59 | 2 53 | 1 54 | 10 59 | 0 32 | 1 12 | 1 22 | 22 10 | 4 19 | 18 15 | 18 20 | 23 58 | 11 59 | 0 2 |
| T 16 | 10 12 | 14 19 | 0s56 | 18 20 | 2 9 | 21 28 | 1 5 | 16 15 | 2 43 | 3 4 | 0 59 | 2 51 | 1 54 | 11 0 | 0 32 | 1 11 | 1 22 | 22 10 | 4 19 | 18 15 | 18 21 | 24 0 | 11 57 | 0 2 |
| F 17 | 10 33 | 8 50 | 2 3 | 18 52 | 2 18 | 21 45 | 1 8 | 16 9 | 2 41 | 2 59 | 0 59 | 2 48 | 1 54 | 11 1 | 0 32 | 1 11 | 1 22 | 22 10 | 4 19 | 18 15 | 18 22 | 24 1 | 11 55 | 0 1 |
| S 18 | 10 54 | 2 46 | 3 6 | 19 22 | 2 26 | 22 2 | 1 11 | 16 4 | 2 38 | 2 54 | 0 59 | 2 45 | 1 54 | 11 2 | 0 32 | 1 10 | 1 22 | 22 10 | 4 19 | 18 16 | 18 23 | 24 2 | 11 53 | 0 1 |
| S 19 | 11 15 | 3s39 | 3 58 | 19 49 | 2 33 | 22 18 | 1 14 | 15 58 | 2 36 | 2 49 | 0 59 | 2 43 | 1 55 | 11 4 | 0 32 | 1 10 | 1 22 | 22 10 | 4 19 | 18 18 | 18 24 | 24 4 | 11 51 | 0 0 |
| M20 | 11 36 | 10 2 | 4 37 | 20 13 | 2 39 | 22 34 | 1 17 | 15 53 | 2 34 | 2 44 | 0 59 | 2 40 | 1 55 | 11 5 | 0 32 | 1 9 | 1 22 | 22 10 | 4 19 | 18 20 | 18 24 | 24 5 | 11 49 | 0 0 |
| T 21 | 11 56 | 16 0 | 4 58 | 20 35 | 2 44 | 22 49 | 1 20 | 15 47 | 2 32 | 2 39 | 1 0 | 2 38 | 1 55 | 11 6 | 0 32 | 1 8 | 1 22 | 22 10 | 4 19 | 18 23 | 18 25 | 24 6 | 11 47 | 0n 0 |
| W22 | 12 17 | 21 1 | 4 57 | 20 53 | 2 48 | 23 3 | 1 23 | 15 41 | 2 30 | 2 34 | 1 0 | 2 36 | 1 55 | 11 7 | 0 32 | 1 8 | 1 22 | 22 10 | 4 19 | 18 26 | 18 26 | 24 8 | 11 45 | 0 1 |
| T 23 | 12 37 | 24 38 | 4 36 | 21 9 | 2 51 | 23 17 | 1 26 | 15 34 | 2 28 | 2 29 | 1 0 | 2 33 | 1 55 | 11 9 | 0 32 | 1 7 | 1 22 | 22 10 | 4 19 | 18 29 | 18 27 | 24 9 | 11 43 | 0 1 |
| F 24 | 12 56 | 26 29 | 3 56 | 21 22 | 2 53 | 23 30 | 1 29 | 15 28 | 2 26 | 2 24 | 1 0 | 2 31 | 1 55 | 11 10 | 0 32 | 1 7 | 1 22 | 22 10 | 4 19 | 18 31 | 18 28 | 24 10 | 11 41 | 0 2 |
| S 25 | 13 16 | 26 24 | 3 1 | 21 32 | 2 54 | 23 42 | 1 32 | 15 21 | 2 24 | 2 19 | 1 0 | 2 28 | 1 55 | 11 11 | 0 32 | 1 6 | 1 22 | 22 10 | 4 19 | 18 32 | 18 28 | 24 11 | 11 39 | 0 2 |
| S 26 | 13 36 | 24 33 | 1 56 | 21 40 | 2 54 | 23 54 | 1 34 | 15 14 | 2 22 | 2 14 | 1 0 | 2 26 | 1 56 | 11 12 | 0 32 | 1 6 | 1 22 | 22 9 | 4 18 | 18 33 | 18 29 | 24 13 | 11 37 | 0 2 |
| M27 | 13 55 | 21 15 | 0 46 | 21 45 | 2 52 | 24 6 | 1 37 | 15 8 | 2 20 | 2 9 | 1 0 | 2 24 | 1 56 | 11 13 | 0 32 | 1 5 | 1 22 | 22 9 | 4 18 | 18 33 | 18 30 | 24 14 | 11 35 | 0 3 |
| T 28 | 14 14 | 16 54 | 0n25 | 21 46 | 2 49 | 24 16 | 1 40 | 15 1 | 2 18 | 2 4 | 1 1 | 2 21 | 1 56 | 11 14 | 0 32 | 1 5 | 1 22 | 22 9 | 4 18 | 18 33 | 18 31 | 24 15 | 11 33 | 0 3 |
| W29 | 14 32 | 11 50 | 1 33 | 21 46 | 2 45 | 24 26 | 1 43 | 14 53 | 2 16 | 1 59 | 1 1 | 2 19 | 1 56 | 11 16 | 0 32 | 1 4 | 1 22 | 22 9 | 4 18 | 18 33 | 18 32 | 24 17 | 11 31 | 0 4 |
| T 30 | 14n51 | 6s24 | 2n34 | 21n42 | 2n40 | 24n35 | 1n45 | 14n46 | 2n14 | 1s54 | 1s 1 | 2s17 | 1s56 | 11n17 | 0s32 | 1s 4 | 1n22 | 22n 9 | 4n18 | 18s34 | 18s32 | 24n18 | 11s29 | 0n 4 |

Julian Day Number = 2611246.5, Delta T = 10m30s
Ecliptic obliquity = 23°23'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'13, Lahiri = 29°58'15


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## MAY 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 37 38 | 11♉11'12 | 19♓54 | 25°R37 | 19♊11 | 26♌43 | 27♓46 | 28♓50 | 1♉ 1 | 5°R50 | 8♌52 | 6°R36 | 6♒42 | 27♉53 | 0°R12 | F 1 |
| S 2 | 14 41 34 | 12° 9'41 | 2♈14 | 25♉33 | 20°21 | 27° 0 | 27°58 | 28°56 | 1° 4 | 5♎48 | 8°52 | 6♒29 | 6°39 | 28° 0 | 0♏ 7 | S 2 |
| S 3 | 14 45 31 | 13° 8'08 | 14°26 | 25°23 | 21°31 | 27°18 | 28°10 | 29° 2 | 1° 7 | 5°47 | 8°53 | 6°18 | 6°36 | 28° 7 | 0° 3 | S 3 |
| M 4 | 14 49 27 | 14° 6'33 | 26°30 | 25° 8 | 22°41 | 27°36 | 28°23 | 29° 8 | 1°11 | 5°46 | 8°53 | 6° 6 | 6°33 | 28°13 | 29♎58 | M 4 |
| T 5 | 14 53 24 | 15° 4'56 | 8♉29 | 24°49 | 23°51 | 27°54 | 28°35 | 29°14 | 1°14 | 5°45 | 8°53 | 5°52 | 6°29 | 28°20 | 29°54 | T 5 |
| W 6 | 14 57 20 | 16° 3'18 | 20°23 | 24°25 | 25° 0 | 28°13 | 28°47 | 29°20 | 1°17 | 5°43 | 8°54 | 5°38 | 6°26 | 28°27 | 29°49 | W 6 |
| T 7 | 15 1 17 | 17° 1'38 | 2♊15 | 23°58 | 26°10 | 28°32 | 28°59 | 29°26 | 1°21 | 5°42 | 8°54 | 5°25 | 6°23 | 28°34 | 29°45 | T 7 |
| F 8 | 15 5 13 | 17°59'56 | 14° 6 | 23°27 | 27°19 | 28°51 | 29°11 | 29°32 | 1°24 | 5°41 | 8°55 | 5°14 | 6°20 | 28°40 | 29°41 | F 8 |
| S 9 | 15 9 10 | 18°58'12 | 25°57 | 22°54 | 28°29 | 29°11 | 29°22 | 29°37 | 1°27 | 5°40 | 8°55 | 5° 5 | 6°17 | 28°47 | 29°36 | S 9 |
| S 10 | 15 13 7 | 19°56'27 | 7♋51 | 22°18 | 29°38 | 29°31 | 29°34 | 29°43 | 1°31 | 5°39 | 8°56 | 5° 0 | 6°14 | 28°54 | 29°32 | S 10 |
| M11 | 15 17 3 | 20°54'39 | 19°52 | 21°41 | 0♌47 | 29°52 | 29°46 | 29°48 | 1°34 | 5°38 | 8°56 | 4°57 | 6°10 | 29° 0 | 29°28 | M11 |
| T 12 | 15 21 0 | 21°52'50 | 2♌ 4 | 21° 4 | 1°56 | 0♍13 | 29°57 | 29°54 | 1°37 | 5°37 | 8°57 | 4°D56 | 6° 7 | 29° 7 | 29°24 | T 12 |
| W13 | 15 24 56 | 22°50'58 | 14°32 | 20°26 | 3° 5 | 0°34 | 0♈ 9 | 29°59 | 1°41 | 5°36 | 8°57 | 4°56 | 6° 4 | 29°14 | 29°20 | W13 |
| T 14 | 15 28 53 | 23°49'05 | 27°19 | 19°49 | 4°14 | 0°56 | 0°20 | 0♈ 4 | 1°44 | 5°35 | 8°58 | 4°R56 | 6° 1 | 29°21 | 29°16 | T 14 |
| F 15 | 15 32 49 | 24°47'09 | 10♍32 | 19°13 | 5°22 | 1°18 | 0°32 | 0°10 | 1°47 | 5°34 | 8°58 | 4°55 | 5°58 | 29°27 | 29°12 | F 15 |
| S 16 | 15 36 46 | 25°45'12 | 24°12 | 18°39 | 6°31 | 1°40 | 0°43 | 0°15 | 1°50 | 5°33 | 8°59 | 4°52 | 5°55 | 29°34 | 29° 8 | S 16 |
| S 17 | 15 40 42 | 26°43'12 | 8♎22 | 18° 7 | 7°39 | 2° 2 | 0°54 | 0°20 | 1°54 | 5°32 | 9° 0 | 4°47 | 5°51 | 29°41 | 29° 4 | S 17 |
| M18 | 15 44 39 | 27°41'11 | 23° 1 | 17°39 | 8°47 | 2°25 | 1° 5 | 0°25 | 1°57 | 5°31 | 9° 0 | 4°39 | 5°48 | 29°47 | 29° 0 | M18 |
| T 19 | 15 48 36 | 28°39'09 | 8♏ 2 | 17°13 | 9°55 | 2°48 | 1°16 | 0°30 | 2° 0 | 5°30 | 9° 1 | 4°30 | 5°45 | 29°54 | 28°56 | T 19 |
| W20 | 15 52 32 | 29°37'04 | 23°18 | 16°51 | 11° 3 | 3°12 | 1°27 | 0°35 | 2° 3 | 5°29 | 9° 2 | 4°21 | 5°42 | 0♊ 1 | 28°53 | W20 |
| T 21 | 15 56 29 | 0♊34'58 | 8♐38 | 16°34 | 12°11 | 3°35 | 1°37 | 0°40 | 2° 6 | 5°29 | 9° 3 | 4°12 | 5°39 | 0° 8 | 28°49 | T 21 |
| F 22 | 16 0 25 | 1°32'51 | 23°50 | 16°20 | 13°18 | 3°59 | 1°48 | 0°45 | 2° 9 | 5°28 | 9° 3 | 4° 5 | 5°35 | 0°14 | 28°46 | F 22 |
| S 23 | 16 4 22 | 2°30'43 | 8♑44 | 16°11 | 14°26 | 4°24 | 1°58 | 0°49 | 2°12 | 5°27 | 9° 4 | 4° 0 | 5°32 | 0°21 | 28°42 | S 23 |
| S 24 | 16 8 18 | 3°28'33 | 23°14 | 16° 6 | 15°33 | 4°48 | 2° 9 | 0°54 | 2°15 | 5°26 | 9° 5 | 3°58 | 5°29 | 0°28 | 28°39 | S 24 |
| M25 | 16 12 15 | 4°26'22 | 7♒17 | 16°D 6 | 16°40 | 5°13 | 2°19 | 0°59 | 2°18 | 5°26 | 9° 6 | 3°D57 | 5°26 | 0°34 | 28°36 | M25 |
| T 26 | 16 16 11 | 5°24'09 | 20°52 | 16°10 | 17°47 | 5°38 | 2°29 | 1° 3 | 2°21 | 5°25 | 9° 7 | 3°58 | 5°23 | 0°41 | 28°33 | T 26 |
| W27 | 16 20 8 | 6°21'56 | 4♓ 1 | 16°19 | 18°54 | 6° 3 | 2°39 | 1° 8 | 2°24 | 5°24 | 9° 8 | 3°R59 | 5°20 | 0°48 | 28°30 | W27 |
| T 28 | 16 24 5 | 7°19'41 | 16°48 | 16°33 | 20° 0 | 6°29 | 2°49 | 1°12 | 2°27 | 5°24 | 9° 8 | 3°58 | 5°16 | 0°55 | 28°27 | T 28 |
| F 29 | 16 28 1 | 8°17'26 | 29°17 | 16°51 | 21° 7 | 6°55 | 2°59 | 1°16 | 2°30 | 5°23 | 9° 9 | 3°56 | 5°13 | 1° 1 | 28°24 | F 29 |
| S 30 | 16 31 58 | 9°15'09 | 11♈32 | 17°13 | 22°13 | 7°21 | 3° 9 | 1°20 | 2°33 | 5°23 | 9°10 | 3°51 | 5°10 | 1° 8 | 28°21 | S 30 |
| S 31 | 16 35 54 | 10♊12'51 | 23♈36 | 17♉40 | 23♋19 | 7♍47 | 3♈18 | 1♈24 | 2♉36 | 5♎22 | 9♌11 | 3♒45 | 5♒ 7 | 1♊15 | 28♎18 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n 9 | 0s49 | 3n27 | 21n36 | 2n33 | 24n44 | 1n48 | 14n38 | 2n12 | 1s49 | 1s 1 | 2s14 | 1s56 | 11n18 | 0s32 | 1s 3 | 1n22 | 22n 9 | 4n18 | 18s35 | 18s33 | 24n19 | 11s27 | 0n 4 |
| S 2 | 15 27 | 4n42 | 4 9 | 21 27 | 2 25 | 24 52 | 1 50 | 14 31 | 2 10 | 1 45 | 1 1 | 2 12 | 1 56 | 11 19 | 0 32 | 1 3 | 1 22 | 22 9 | 4 18 | 18 37 | 18 34 | 24 20 | 11 25 | 0 5 |
| S 3 | 15 45 | 9 57 | 4 39 | 21 15 | 2 15 | 24 59 | 1 53 | 14 23 | 2 8 | 1 40 | 1 1 | 2 10 | 1 57 | 11 20 | 0 32 | 1 2 | 1 22 | 22 9 | 4 18 | 18 39 | 18 35 | 24 21 | 11 23 | 0 5 |
| M 4 | 16 2 | 14 47 | 4 56 | 21 1 | 2 5 | 25 6 | 1 55 | 14 15 | 2 6 | 1 35 | 1 2 | 2 8 | 1 57 | 11 22 | 0 32 | 1 2 | 1 22 | 22 9 | 4 18 | 18 42 | 18 36 | 24 23 | 11 21 | 0 5 |
| T 5 | 16 19 | 19 1 | 4 59 | 20 45 | 1 53 | 25 12 | 1 57 | 14 7 | 2 4 | 1 31 | 1 2 | 2 6 | 1 57 | 11 23 | 0 32 | 1 1 | 1 22 | 22 8 | 4 18 | 18 46 | 18 36 | 24 24 | 11 19 | 0 6 |
| W 6 | 16 36 | 22 28 | 4 50 | 20 26 | 1 40 | 25 17 | 2 0 | 13 59 | 2 2 | 1 26 | 1 2 | 2 3 | 1 57 | 11 24 | 0 32 | 1 1 | 1 22 | 22 8 | 4 18 | 18 49 | 18 37 | 24 25 | 11 17 | 0 6 |
| T 7 | 16 53 | 24 56 | 4 28 | 20 6 | 1 25 | 25 21 | 2 2 | 13 50 | 2 1 | 1 21 | 1 2 | 2 1 | 1 57 | 11 25 | 0 32 | 1 0 | 1 22 | 22 8 | 4 18 | 18 52 | 18 38 | 24 26 | 11 15 | 0 7 |
| F 8 | 17 9 | 26 19 | 3 55 | 19 44 | 1 10 | 25 25 | 2 4 | 13 42 | 1 59 | 1 17 | 1 2 | 1 59 | 1 58 | 11 26 | 0 32 | 1 0 | 1 22 | 22 8 | 4 18 | 18 55 | 18 39 | 24 28 | 11 13 | 0 7 |
| S 9 | 17 25 | 26 30 | 3 11 | 19 20 | 0 55 | 25 29 | 2 6 | 13 33 | 1 57 | 1 12 | 1 2 | 1 57 | 1 58 | 11 27 | 0 32 | 1 0 | 1 22 | 22 8 | 4 18 | 18 57 | 18 40 | 24 29 | 11 11 | 0 7 |
| S 10 | 17 41 | 25 27 | 2 18 | 18 55 | 0 38 | 25 31 | 2 8 | 13 25 | 1 55 | 1 8 | 1 3 | 1 55 | 1 58 | 11 28 | 0 32 | 0 59 | 1 22 | 22 8 | 4 18 | 18 58 | 18 40 | 24 30 | 11 10 | 0 8 |
| M11 | 17 57 | 23 13 | 1 19 | 18 29 | 0 21 | 25 33 | 2 10 | 13 16 | 1 53 | 1 3 | 1 3 | 1 53 | 1 58 | 11 30 | 0 32 | 0 59 | 1 22 | 22 7 | 4 18 | 18 59 | 18 41 | 24 31 | 11 8 | 0 8 |
| T 12 | 18 12 | 19 54 | 0 15 | 18 2 | 0 4 | 25 34 | 2 12 | 13 7 | 1 52 | 0 59 | 1 3 | 1 51 | 1 58 | 11 31 | 0 32 | 0 58 | 1 22 | 22 7 | 4 18 | 18 59 | 18 42 | 24 32 | 11 6 | 0 9 |
| W13 | 18 27 | 15 38 | 0s51 | 17 36 | 0s14 | 25 34 | 2 14 | 12 58 | 1 50 | 0 54 | 1 3 | 1 49 | 1 58 | 11 32 | 0 32 | 0 58 | 1 22 | 22 7 | 4 18 | 18 59 | 18 43 | 24 33 | 11 4 | 0 9 |
| T 14 | 18 41 | 10 33 | 1 56 | 17 9 | 0 31 | 25 34 | 2 15 | 12 48 | 1 48 | 0 50 | 1 3 | 1 47 | 1 59 | 11 33 | 0 32 | 0 58 | 1 22 | 22 7 | 4 18 | 18 59 | 18 44 | 24 35 | 11 2 | 0 9 |
| F 15 | 18 55 | 4 52 | 2 57 | 16 42 | 0 49 | 25 33 | 2 17 | 12 39 | 1 47 | 0 46 | 1 3 | 1 45 | 1 59 | 11 34 | 0 32 | 0 57 | 1 22 | 22 7 | 4 18 | 19 0 | 18 44 | 24 36 | 11 1 | 0 10 |
| S 16 | 19 9 | 1s14 | 3 50 | 16 17 | 1 6 | 25 32 | 2 18 | 12 30 | 1 45 | 0 41 | 1 4 | 1 43 | 1 59 | 11 35 | 0 32 | 0 57 | 1 22 | 22 6 | 4 18 | 19 0 | 18 45 | 24 37 | 10 59 | 0 10 |
| S 17 | 19 23 | 7 28 | 4 32 | 15 52 | 1 22 | 25 29 | 2 20 | 12 20 | 1 43 | 0 37 | 1 4 | 1 41 | 1 59 | 11 36 | 0 32 | 0 57 | 1 22 | 22 6 | 4 18 | 19 2 | 18 46 | 24 38 | 10 57 | 0 10 |
| M18 | 19 36 | 13 31 | 4 57 | 15 29 | 1 38 | 25 27 | 2 21 | 12 10 | 1 42 | 0 33 | 1 4 | 1 40 | 1 59 | 11 37 | 0 32 | 0 56 | 1 22 | 22 6 | 4 18 | 19 3 | 18 47 | 24 39 | 10 56 | 0 11 |
| T 19 | 19 49 | 18 55 | 5 2 | 15 7 | 1 53 | 25 23 | 2 23 | 12 0 | 1 40 | 0 29 | 1 4 | 1 38 | 2 0 | 11 38 | 0 32 | 0 56 | 1 22 | 22 6 | 4 17 | 19 5 | 18 47 | 24 40 | 10 54 | 0 11 |
| W20 | 20 1 | 23 11 | 4 47 | 14 48 | 2 8 | 25 19 | 2 24 | 11 51 | 1 39 | 0 25 | 1 4 | 1 36 | 2 0 | 11 40 | 0 32 | 0 56 | 1 22 | 22 6 | 4 17 | 19 8 | 18 48 | 24 41 | 10 52 | 0 12 |
| T 21 | 20 14 | 25 49 | 4 10 | 14 30 | 2 21 | 25 14 | 2 25 | 11 40 | 1 37 | 0 21 | 1 5 | 1 34 | 2 0 | 11 41 | 0 32 | 0 55 | 1 22 | 22 5 | 4 17 | 19 10 | 18 49 | 24 42 | 10 51 | 0 12 |
| F 22 | 20 25 | 26 31 | 3 17 | 14 14 | 2 34 | 25 8 | 2 26 | 11 30 | 1 35 | 0 17 | 1 5 | 1 33 | 2 0 | 11 42 | 0 32 | 0 55 | 1 22 | 22 5 | 4 17 | 19 11 | 18 50 | 24 43 | 10 49 | 0 12 |
| S 23 | 20 37 | 25 16 | 2 10 | 14 0 | 2 45 | 25 2 | 2 27 | 11 20 | 1 34 | 0 13 | 1 5 | 1 31 | 2 0 | 11 43 | 0 32 | 0 55 | 1 22 | 22 5 | 4 17 | 19 13 | 18 51 | 24 45 | 10 48 | 0 13 |
| S 24 | 20 48 | 22 19 | 0 57 | 13 49 | 2 56 | 24 55 | 2 27 | 11 10 | 1 32 | 0 9 | 1 5 | 1 29 | 2 1 | 11 44 | 0 32 | 0 55 | 1 21 | 22 5 | 4 17 | 19 13 | 18 51 | 24 46 | 10 46 | 0 13 |
| M25 | 20 59 | 18 7 | 0n18 | 13 40 | 3 5 | 24 48 | 2 28 | 10 59 | 1 31 | 0 5 | 1 5 | 1 28 | 2 1 | 11 45 | 0 32 | 0 54 | 1 21 | 22 4 | 4 17 | 19 13 | 18 52 | 24 47 | 10 45 | 0 13 |
| T 26 | 21 9 | 13 6 | 1 29 | 13 33 | 3 13 | 24 40 | 2 29 | 10 49 | 1 29 | 0 1 | 1 6 | 1 26 | 2 1 | 11 46 | 0 32 | 0 54 | 1 21 | 22 4 | 4 17 | 19 13 | 18 53 | 24 48 | 10 43 | 0 14 |
| W27 | 21 19 | 7 37 | 2 34 | 13 29 | 3 21 | 24 31 | 2 29 | 10 38 | 1 28 | 0n 3 | 1 6 | 1 25 | 2 1 | 11 47 | 0 32 | 0 54 | 1 21 | 22 4 | 4 17 | 19 13 | 18 54 | 24 49 | 10 42 | 0 14 |
| T 28 | 21 29 | 2 0 | 3 28 | 13 26 | 3 27 | 24 22 | 2 30 | 10 27 | 1 26 | 0 6 | 1 6 | 1 23 | 2 2 | 11 48 | 0 32 | 0 54 | 1 21 | 22 4 | 4 17 | 19 13 | 18 54 | 24 50 | 10 40 | 0 15 |
| F 29 | 21 38 | 3n34 | 4 12 | 13 26 | 3 32 | 24 12 | 2 30 | 10 16 | 1 25 | 0 10 | 1 6 | 1 22 | 2 2 | 11 49 | 0 32 | 0 53 | 1 21 | 22 3 | 4 17 | 19 14 | 18 55 | 24 51 | 10 39 | 0 15 |
| S 30 | 21 47 | 8 53 | 4 43 | 13 28 | 3 36 | 24 2 | 2 30 | 10 5 | 1 24 | 0 14 | 1 7 | 1 20 | 2 2 | 11 50 | 0 32 | 0 53 | 1 21 | 22 3 | 4 17 | 19 15 | 18 56 | 24 52 | 10 38 | 0 15 |
| S 31 | 21n56 | 13n48 | 5n 1 | 13n33 | 3s40 | 23n50 | 2n30 | 9n54 | 1n22 | 0n17 | 1s 7 | 1s19 | 2s 2 | 11n51 | 0s32 | 0s53 | 1n21 | 22n 3 | 4n17 | 19s16 | 18s57 | 24n53 | 10s36 | 0n16 |

Julian Day Number = 2611276.5, Delta T = 10m30s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'17, Lahiri = 29°58'19


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## JUNE 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 39 51 | 11♊10'32 | 5♉34 | 18♉10 | 24♋25 | 8♍14 | 3♈28 | 1♈29 | 2♉39 | 5°R22 | 9♌12 | 3°R36 | 5♒ 4 | 1♊21 | 28°R16 | M 1 |
| T 2 | 16 43 47 | 12° 8'13 | 17°27 | 18°45 | 25°30 | 8°40 | 3°37 | 1°32 | 2°42 | 5♎21 | 9°13 | 3♒27 | 5° 1 | 1°28 | 28♎13 | T 2 |
| W 3 | 16 47 44 | 13° 5'52 | 29°18 | 19°24 | 26°36 | 9° 7 | 3°46 | 1°36 | 2°45 | 5°21 | 9°14 | 3°17 | 4°57 | 1°35 | 28°11 | W 3 |
| T 4 | 16 51 40 | 14° 3'30 | 11♊ 9 | 20° 7 | 27°41 | 9°34 | 3°55 | 1°40 | 2°47 | 5°20 | 9°15 | 3° 8 | 4°54 | 1°41 | 28° 8 | T 4 |
| F 5 | 16 55 37 | 15° 1'07 | 23° 2 | 20°53 | 28°46 | 10° 2 | 4° 4 | 1°44 | 2°50 | 5°20 | 9°16 | 3° 0 | 4°51 | 1°48 | 28° 6 | F 5 |
| S 6 | 16 59 34 | 15°58'42 | 4♋57 | 21°43 | 29°51 | 10°29 | 4°13 | 1°47 | 2°53 | 5°20 | 9°18 | 2°55 | 4°48 | 1°55 | 28° 4 | S 6 |
| S 7 | 17 3 30 | 16°56'17 | 16°58 | 22°37 | 0♌55 | 10°57 | 4°22 | 1°51 | 2°56 | 5°19 | 9°19 | 2°51 | 4°45 | 2° 2 | 28° 2 | S 7 |
| M 8 | 17 7 27 | 17°53'50 | 29° 6 | 23°34 | 2° 0 | 11°25 | 4°30 | 1°54 | 2°58 | 5°19 | 9°20 | 2°D50 | 4°41 | 2° 8 | 28° 0 | M 8 |
| T 9 | 17 11 23 | 18°51'22 | 11♌25 | 24°34 | 3° 4 | 11°54 | 4°39 | 1°58 | 3° 1 | 5°19 | 9°21 | 2°50 | 4°38 | 2°15 | 27°58 | T 9 |
| W10 | 17 15 20 | 19°48'53 | 23°57 | 25°38 | 4° 8 | 12°22 | 4°47 | 2° 1 | 3° 4 | 5°19 | 9°22 | 2°51 | 4°35 | 2°22 | 27°57 | W10 |
| T 11 | 17 19 16 | 20°46'22 | 6♍47 | 26°44 | 5°11 | 12°51 | 4°55 | 2° 4 | 3° 6 | 5°19 | 9°23 | 2°53 | 4°32 | 2°28 | 27°55 | T 11 |
| F 12 | 17 23 13 | 21°43'51 | 19°58 | 27°54 | 6°14 | 13°20 | 5° 3 | 2° 7 | 3° 9 | 5°18 | 9°25 | 2°R53 | 4°29 | 2°35 | 27°53 | F 12 |
| S 13 | 17 27 10 | 22°41'18 | 3♎33 | 29° 7 | 7°18 | 13°49 | 5°11 | 2°10 | 3°11 | 5°18 | 9°26 | 2°53 | 4°26 | 2°42 | 27°52 | S 13 |
| S 14 | 17 31 6 | 23°38'43 | 17°33 | 0♊24 | 8°20 | 14°18 | 5°19 | 2°13 | 3°14 | 5°18 | 9°27 | 2°51 | 4°22 | 2°49 | 27°51 | S 14 |
| M15 | 17 35 3 | 24°36'08 | 1♏59 | 1°43 | 9°23 | 14°47 | 5°27 | 2°16 | 3°16 | 5°18 | 9°28 | 2°47 | 4°19 | 2°55 | 27°50 | M15 |
| T 16 | 17 38 59 | 25°33'32 | 16°46 | 3° 5 | 10°25 | 15°17 | 5°34 | 2°19 | 3°18 | 5°D18 | 9°30 | 2°42 | 4°16 | 3° 2 | 27°49 | T 16 |
| W17 | 17 42 56 | 26°30'55 | 1♐49 | 4°30 | 11°27 | 15°46 | 5°41 | 2°21 | 3°21 | 5°18 | 9°31 | 2°37 | 4°13 | 3° 9 | 27°48 | W17 |
| T 18 | 17 46 52 | 27°28'16 | 16°59 | 5°58 | 12°29 | 16°16 | 5°48 | 2°24 | 3°23 | 5°18 | 9°32 | 2°32 | 4°10 | 3°15 | 27°47 | T 18 |
| F 19 | 17 50 49 | 28°25'37 | 2♑ 7 | 7°28 | 13°30 | 16°46 | 5°56 | 2°27 | 3°25 | 5°18 | 9°34 | 2°29 | 4° 7 | 3°22 | 27°46 | F 19 |
| S 20 | 17 54 45 | 29°22'58 | 17° 1 | 9° 2 | 14°31 | 17°17 | 6° 2 | 2°29 | 3°28 | 5°19 | 9°35 | 2°26 | 4° 3 | 3°29 | 27°45 | S 20 |
| S 21 | 17 58 42 | 0♋20'17 | 1♒36 | 10°39 | 15°31 | 17°47 | 6° 9 | 2°31 | 3°30 | 5°19 | 9°36 | 2°D25 | 4° 0 | 3°36 | 27°45 | S 21 |
| M22 | 18 2 39 | 1°17'36 | 15°46 | 12°18 | 16°32 | 18°17 | 6°16 | 2°33 | 3°32 | 5°19 | 9°38 | 2°26 | 3°57 | 3°42 | 27°44 | M22 |
| T 23 | 18 6 35 | 2°14'55 | 29°28 | 14° 0 | 17°32 | 18°48 | 6°22 | 2°35 | 3°34 | 5°19 | 9°39 | 2°27 | 3°54 | 3°49 | 27°44 | T 23 |
| W24 | 18 10 32 | 3°12'13 | 12♓44 | 15°45 | 18°31 | 19°19 | 6°28 | 2°37 | 3°36 | 5°19 | 9°40 | 2°29 | 3°51 | 3°56 | 27°44 | W24 |
| T 25 | 18 14 28 | 4° 9'31 | 25°36 | 17°33 | 19°30 | 19°50 | 6°34 | 2°39 | 3°38 | 5°20 | 9°42 | 2°30 | 3°47 | 4° 2 | 27°D44 | T 25 |
| F 26 | 18 18 25 | 5° 6'49 | 8♈ 8 | 19°23 | 20°29 | 20°21 | 6°40 | 2°41 | 3°41 | 5°20 | 9°43 | 2°R30 | 3°44 | 4° 9 | 27°44 | F 26 |
| S 27 | 18 22 21 | 6° 4'06 | 20°23 | 21°16 | 21°27 | 20°53 | 6°46 | 2°43 | 3°43 | 5°20 | 9°45 | 2°29 | 3°41 | 4°16 | 27°44 | S 27 |
| S 28 | 18 26 18 | 7° 1'23 | 2♉26 | 23°11 | 22°25 | 21°24 | 6°52 | 2°44 | 3°44 | 5°21 | 9°46 | 2°27 | 3°38 | 4°22 | 27°44 | S 28 |
| M29 | 18 30 14 | 7°58'40 | 14°21 | 25° 9 | 23°23 | 21°56 | 6°57 | 2°46 | 3°46 | 5°21 | 9°48 | 2°24 | 3°35 | 4°29 | 27°45 | M29 |
| T 30 | 18 34 11 | 8♋55'57 | 26♉13 | 27♊ 9 | 24♌20 | 22♍27 | 7♈ 2 | 2♈47 | 3♉48 | 5♎22 | 9♌49 | 2♒21 | 3♒32 | 4♊36 | 27♎45 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 4 | 18n 8 | 5n 5 | 13n39 | 3s42 | 23n39 | 2n30 | 9n43 | 1n21 | 0n21 | 1s 7 | 1s17 | 2s 2 | 11n52 | 0s32 | 0s53 | 1n21 | 22n 2 | 4n17 | 19s18 | 18s57 | 24n54 | 10s35 | 0n16 |
| T 2 | 22 12 | 21 44 | 4 57 | 13 47 | 3 43 | 23 27 | 2 30 | 9 32 | 1 19 | 0 24 | 1 7 | 1 16 | 2 3 | 11 53 | 0 32 | 0 53 | 1 21 | 22 2 | 4 17 | 19 20 | 18 58 | 24 55 | 10 34 | 0 16 |
| W 3 | 22 19 | 24 26 | 4 35 | 13 57 | 3 44 | 23 14 | 2 30 | 9 20 | 1 18 | 0 28 | 1 7 | 1 15 | 2 3 | 11 54 | 0 32 | 0 53 | 1 21 | 22 2 | 4 17 | 19 23 | 18 59 | 24 56 | 10 33 | 0 17 |
| T 4 | 22 26 | 26 3 | 4 2 | 14 8 | 3 43 | 23 1 | 2 29 | 9 9 | 1 17 | 0 31 | 1 8 | 1 13 | 2 3 | 11 55 | 0 32 | 0 53 | 1 21 | 22 1 | 4 17 | 19 25 | 19 0 | 24 57 | 10 31 | 0 17 |
| F 5 | 22 33 | 26 29 | 3 18 | 14 22 | 3 42 | 22 47 | 2 29 | 8 57 | 1 15 | 0 35 | 1 8 | 1 12 | 2 3 | 11 56 | 0 32 | 0 52 | 1 21 | 22 1 | 4 17 | 19 26 | 19 1 | 24 58 | 10 30 | 0 17 |
| S 6 | 22 39 | 25 42 | 2 25 | 14 36 | 3 40 | 22 33 | 2 28 | 8 45 | 1 14 | 0 38 | 1 8 | 1 11 | 2 4 | 11 56 | 0 32 | 0 52 | 1 21 | 22 1 | 4 17 | 19 28 | 19 1 | 24 59 | 10 29 | 0 18 |
| S 7 | 22 45 | 23 43 | 1 25 | 14 52 | 3 37 | 22 18 | 2 27 | 8 34 | 1 13 | 0 41 | 1 8 | 1 10 | 2 4 | 11 57 | 0 32 | 0 52 | 1 21 | 22 1 | 4 17 | 19 29 | 19 2 | 25 0 | 10 28 | 0 18 |
| M 8 | 22 50 | 20 37 | 0 20 | 15 10 | 3 34 | 22 3 | 2 26 | 8 22 | 1 11 | 0 44 | 1 9 | 1 9 | 2 4 | 11 58 | 0 32 | 0 52 | 1 21 | 22 0 | 4 17 | 19 29 | 19 3 | 25 1 | 10 27 | 0 18 |
| T 9 | 22 55 | 16 34 | 0s46 | 15 29 | 3 30 | 21 47 | 2 25 | 8 10 | 1 10 | 0 47 | 1 9 | 1 7 | 2 4 | 11 59 | 0 32 | 0 52 | 1 21 | 22 0 | 4 17 | 19 29 | 19 4 | 25 2 | 10 26 | 0 19 |
| W10 | 23 0 | 11 45 | 1 52 | 15 48 | 3 25 | 21 31 | 2 24 | 7 58 | 1 9 | 0 50 | 1 9 | 1 6 | 2 5 | 12 0 | 0 32 | 0 52 | 1 21 | 22 0 | 4 17 | 19 29 | 19 4 | 25 3 | 10 25 | 0 19 |
| T 11 | 23 4 | 6 19 | 2 54 | 16 9 | 3 19 | 21 14 | 2 23 | 7 46 | 1 7 | 0 53 | 1 9 | 1 5 | 2 5 | 12 1 | 0 32 | 0 52 | 1 21 | 21 59 | 4 17 | 19 28 | 19 5 | 25 4 | 10 24 | 0 19 |
| F 12 | 23 8 | 0 28 | 3 48 | 16 30 | 3 13 | 20 57 | 2 21 | 7 33 | 1 6 | 0 56 | 1 10 | 1 4 | 2 5 | 12 2 | 0 32 | 0 52 | 1 21 | 21 59 | 4 17 | 19 28 | 19 6 | 25 5 | 10 24 | 0 20 |
| S 13 | 23 11 | 5s33 | 4 31 | 16 53 | 3 6 | 20 39 | 2 19 | 7 21 | 1 5 | 0 59 | 1 10 | 1 3 | 2 5 | 12 3 | 0 32 | 0 52 | 1 21 | 21 59 | 4 17 | 19 28 | 19 7 | 25 6 | 10 23 | 0 20 |
| S 14 | 23 14 | 11 29 | 5 0 | 17 16 | 2 59 | 20 21 | 2 18 | 7 9 | 1 4 | 1 2 | 1 10 | 1 2 | 2 6 | 12 3 | 0 32 | 0 52 | 1 21 | 21 58 | 4 17 | 19 29 | 19 7 | 25 7 | 10 22 | 0 20 |
| M15 | 23 16 | 16 59 | 5 11 | 17 39 | 2 51 | 20 3 | 2 16 | 6 56 | 1 2 | 1 5 | 1 10 | 1 2 | 2 6 | 12 4 | 0 32 | 0 52 | 1 21 | 21 58 | 4 17 | 19 29 | 19 8 | 25 8 | 10 21 | 0 21 |
| T 16 | 23 19 | 21 37 | 5 1 | 18 3 | 2 43 | 19 44 | 2 14 | 6 44 | 1 1 | 1 8 | 1 11 | 1 1 | 2 6 | 12 5 | 0 32 | 0 52 | 1 21 | 21 57 | 4 17 | 19 31 | 19 9 | 25 9 | 10 20 | 0 21 |
| W17 | 23 20 | 24 54 | 4 31 | 18 28 | 2 34 | 19 25 | 2 12 | 6 31 | 1 0 | 1 10 | 1 11 | 1 0 | 2 6 | 12 6 | 0 32 | 0 52 | 1 21 | 21 57 | 4 17 | 19 32 | 19 10 | 25 9 | 10 20 | 0 21 |
| T 18 | 23 22 | 26 26 | 3 42 | 18 52 | 2 25 | 19 5 | 2 9 | 6 19 | 0 59 | 1 13 | 1 11 | 0 59 | 2 7 | 12 7 | 0 32 | 0 52 | 1 21 | 21 57 | 4 17 | 19 33 | 19 10 | 25 10 | 10 19 | 0 22 |
| F 19 | 23 22 | 26 0 | 2 38 | 19 17 | 2 15 | 18 46 | 2 7 | 6 6 | 0 58 | 1 15 | 1 11 | 0 58 | 2 7 | 12 7 | 0 32 | 0 52 | 1 21 | 21 56 | 4 17 | 19 34 | 19 11 | 25 11 | 10 19 | 0 22 |
| S 20 | 23 23 | 23 41 | 1 23 | 19 41 | 2 5 | 18 25 | 2 4 | 5 53 | 0 56 | 1 18 | 1 12 | 0 58 | 2 7 | 12 8 | 0 32 | 0 52 | 1 21 | 21 56 | 4 17 | 19 34 | 19 12 | 25 12 | 10 18 | 0 22 |
| S 21 | 23 23 | 19 50 | 0 4 | 20 6 | 1 55 | 18 5 | 2 2 | 5 40 | 0 55 | 1 20 | 1 12 | 0 57 | 2 7 | 12 9 | 0 32 | 0 52 | 1 20 | 21 56 | 4 17 | 19 34 | 19 13 | 25 13 | 10 18 | 0 23 |
| M22 | 23 23 | 14 55 | 1n12 | 20 30 | 1 44 | 17 44 | 1 59 | 5 27 | 0 54 | 1 23 | 1 12 | 0 56 | 2 8 | 12 10 | 0 32 | 0 53 | 1 20 | 21 55 | 4 17 | 19 34 | 19 13 | 25 14 | 10 17 | 0 23 |
| T 23 | 23 22 | 9 24 | 2 23 | 20 53 | 1 33 | 17 23 | 1 56 | 5 14 | 0 53 | 1 25 | 1 12 | 0 56 | 2 8 | 12 10 | 0 32 | 0 53 | 1 20 | 21 55 | 4 17 | 19 34 | 19 14 | 25 15 | 10 17 | 0 23 |
| W24 | 23 21 | 3 38 | 3 23 | 21 16 | 1 22 | 17 1 | 1 52 | 5 1 | 0 52 | 1 27 | 1 13 | 0 55 | 2 8 | 12 11 | 0 32 | 0 53 | 1 20 | 21 54 | 4 17 | 19 34 | 19 15 | 25 16 | 10 16 | 0 24 |
| T 25 | 23 19 | 2n 6 | 4 11 | 21 38 | 1 11 | 16 40 | 1 49 | 4 48 | 0 51 | 1 29 | 1 13 | 0 55 | 2 8 | 12 12 | 0 32 | 0 53 | 1 20 | 21 54 | 4 17 | 19 33 | 19 16 | 25 16 | 10 16 | 0 24 |
| F 26 | 23 17 | 7 36 | 4 46 | 21 58 | 0 59 | 16 18 | 1 45 | 4 34 | 0 50 | 1 31 | 1 13 | 0 54 | 2 9 | 12 12 | 0 32 | 0 53 | 1 20 | 21 54 | 4 17 | 19 33 | 19 16 | 25 17 | 10 16 | 0 24 |
| S 27 | 23 15 | 12 41 | 5 7 | 22 18 | 0 48 | 15 55 | 1 42 | 4 21 | 0 48 | 1 33 | 1 13 | 0 54 | 2 9 | 12 13 | 0 32 | 0 53 | 1 20 | 21 53 | 4 17 | 19 34 | 19 17 | 25 18 | 10 16 | 0 25 |
| S 28 | 23 12 | 17 12 | 5 14 | 22 36 | 0 36 | 15 33 | 1 38 | 4 8 | 0 47 | 1 35 | 1 14 | 0 53 | 2 9 | 12 14 | 0 32 | 0 53 | 1 20 | 21 53 | 4 17 | 19 34 | 19 18 | 25 19 | 10 15 | 0 25 |
| M29 | 23 9 | 20 59 | 5 7 | 22 53 | 0 25 | 15 10 | 1 34 | 3 54 | 0 46 | 1 37 | 1 14 | 0 53 | 2 9 | 12 14 | 0 32 | 0 54 | 1 20 | 21 53 | 4 17 | 19 35 | 19 19 | 25 20 | 10 15 | 0 25 |
| T 30 | 23n 5 | 23n54 | 4n47 | 23n 8 | 0s13 | 14n47 | 1n29 | 3n41 | 0n45 | 1n39 | 1s14 | 0s53 | 2s10 | 12n15 | 0s32 | 0s54 | 1n20 | 21n52 | 4n17 | 19s35 | 19s19 | 25n21 | 10s15 | 0n26 |

Julian Day Number = 2611307.5, Delta T = 10m30s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'21, Lahiri = 29°58'23


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## JULY 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 38 8 | 9♋53'14 | 8♊ 3 | 29♊12 | 25♌17 | 22♍59 | 7♈ 7 | 2♈49 | 3♉50 | 5♎22 | 9♌51 | 2°R17 | 3♒28 | 4♊43 | 27♎46 | W 1 |
| T 2 | 18 42 4 | 10°50'30 | 19°56 | 1♋16 | 26°13 | 23°31 | 7°12 | 2°50 | 3°52 | 5°23 | 9°52 | 2♒13 | 3°25 | 4°49 | 27°46 | T 2 |
| F 3 | 18 46 1 | 11°47'46 | 1♋53 | 3°22 | 27° 8 | 24° 3 | 7°17 | 2°51 | 3°54 | 5°23 | 9°54 | 2°11 | 3°22 | 4°56 | 27°47 | F 3 |
| S 4 | 18 49 57 | 12°45'02 | 13°57 | 5°29 | 28° 4 | 24°36 | 7°22 | 2°52 | 3°55 | 5°24 | 9°55 | 2° 9 | 3°19 | 5° 3 | 27°48 | S 4 |
| S 5 | 18 53 54 | 13°42'18 | 26° 8 | 7°38 | 28°58 | 25° 8 | 7°26 | 2°53 | 3°57 | 5°24 | 9°57 | 2°D 8 | 3°16 | 5° 9 | 27°49 | S 5 |
| M 6 | 18 57 50 | 14°39'34 | 8♌30 | 9°48 | 29°52 | 25°41 | 7°30 | 2°54 | 3°59 | 5°25 | 9°58 | 2° 8 | 3°13 | 5°16 | 27°50 | M 6 |
| T 7 | 19 1 47 | 15°36'49 | 21° 3 | 11°58 | 0♍46 | 26°14 | 7°34 | 2°55 | 4° 0 | 5°26 | 10° 0 | 2° 8 | 3° 9 | 5°23 | 27°52 | T 7 |
| W 8 | 19 5 43 | 16°34'03 | 3♍49 | 14° 9 | 1°39 | 26°46 | 7°38 | 2°55 | 4° 2 | 5°26 | 10° 1 | 2°10 | 3° 6 | 5°29 | 27°53 | W 8 |
| T 9 | 19 9 40 | 17°31'18 | 16°50 | 16°19 | 2°31 | 27°19 | 7°42 | 2°56 | 4° 3 | 5°27 | 10° 3 | 2°11 | 3° 3 | 5°36 | 27°55 | T 9 |
| F 10 | 19 13 37 | 18°28'31 | 0♎ 8 | 18°30 | 3°23 | 27°53 | 7°45 | 2°56 | 4° 5 | 5°28 | 10° 5 | 2°12 | 3° 0 | 5°43 | 27°56 | F 10 |
| S 11 | 19 17 33 | 19°25'45 | 13°44 | 20°40 | 4°14 | 28°26 | 7°49 | 2°56 | 4° 6 | 5°29 | 10° 6 | 2°R12 | 2°57 | 5°50 | 27°58 | S 11 |
| S 12 | 19 21 30 | 20°22'58 | 27°39 | 22°50 | 5° 5 | 28°59 | 7°52 | 2°57 | 4° 7 | 5°29 | 10° 8 | 2°12 | 2°53 | 5°56 | 28° 0 | S 12 |
| M13 | 19 25 26 | 21°20'11 | 11♏52 | 24°59 | 5°55 | 29°33 | 7°55 | 2°57 | 4° 9 | 5°30 | 10°10 | 2°12 | 2°50 | 6° 3 | 28° 2 | M13 |
| T 14 | 19 29 23 | 22°17'24 | 26°22 | 27° 6 | 6°44 | 0♎ 6 | 7°58 | 2°R57 | 4°10 | 5°31 | 10°11 | 2°11 | 2°47 | 6°10 | 28° 4 | T 14 |
| W15 | 19 33 19 | 23°14'37 | 11♐ 3 | 29°13 | 7°32 | 0°40 | 8° 0 | 2°57 | 4°11 | 5°32 | 10°13 | 2°10 | 2°44 | 6°16 | 28° 6 | W15 |
| T 16 | 19 37 16 | 24°11'49 | 25°52 | 1♌18 | 8°19 | 1°14 | 8° 3 | 2°56 | 4°12 | 5°33 | 10°14 | 2° 9 | 2°41 | 6°23 | 28° 8 | T 16 |
| F 17 | 19 41 13 | 25° 9'02 | 10♑40 | 3°21 | 9° 6 | 1°48 | 8° 5 | 2°56 | 4°14 | 5°34 | 10°16 | 2° 8 | 2°38 | 6°30 | 28°10 | F 17 |
| S 18 | 19 45 9 | 26° 6'15 | 25°20 | 5°23 | 9°52 | 2°22 | 8° 7 | 2°56 | 4°15 | 5°35 | 10°18 | 2°D 8 | 2°34 | 6°36 | 28°13 | S 18 |
| S 19 | 19 49 6 | 27° 3'27 | 9♒46 | 7°23 | 10°37 | 2°56 | 8° 9 | 2°55 | 4°16 | 5°36 | 10°19 | 2° 8 | 2°31 | 6°43 | 28°16 | S 19 |
| M20 | 19 53 2 | 28° 0'40 | 23°52 | 9°21 | 11°21 | 3°30 | 8°10 | 2°55 | 4°17 | 5°37 | 10°21 | 2° 8 | 2°28 | 6°50 | 28°18 | M20 |
| T 21 | 19 56 59 | 28°57'53 | 7♓35 | 11°18 | 12° 4 | 4° 5 | 8°12 | 2°54 | 4°18 | 5°38 | 10°23 | 2° 8 | 2°25 | 6°57 | 28°21 | T 21 |
| W22 | 20 0 55 | 29°55'07 | 20°54 | 13°13 | 12°46 | 4°39 | 8°13 | 2°53 | 4°19 | 5°39 | 10°24 | 2° 9 | 2°22 | 7° 3 | 28°24 | W22 |
| T 23 | 20 4 52 | 0♌52'21 | 3♈50 | 15° 6 | 13°27 | 5°14 | 8°14 | 2°52 | 4°19 | 5°40 | 10°26 | 2° 9 | 2°19 | 7°10 | 28°27 | T 23 |
| F 24 | 20 8 48 | 1°49'36 | 16°25 | 16°57 | 14° 8 | 5°49 | 8°15 | 2°51 | 4°20 | 5°42 | 10°28 | 2°R 9 | 2°15 | 7°17 | 28°30 | F 24 |
| S 25 | 20 12 45 | 2°46'52 | 28°43 | 18°46 | 14°47 | 6°24 | 8°15 | 2°50 | 4°21 | 5°43 | 10°29 | 2°D 9 | 2°12 | 7°23 | 28°33 | S 25 |
| S 26 | 20 16 41 | 3°44'08 | 10♉47 | 20°34 | 15°25 | 6°58 | 8°16 | 2°49 | 4°22 | 5°44 | 10°31 | 2° 9 | 2° 9 | 7°30 | 28°37 | S 26 |
| M27 | 20 20 38 | 4°41'25 | 22°43 | 22°19 | 16° 1 | 7°34 | 8°16 | 2°48 | 4°22 | 5°45 | 10°33 | 2° 9 | 2° 6 | 7°37 | 28°40 | M27 |
| T 28 | 20 24 35 | 5°38'42 | 4♊35 | 24° 3 | 16°37 | 8° 9 | 8°R16 | 2°47 | 4°23 | 5°47 | 10°35 | 2° 9 | 2° 3 | 7°43 | 28°43 | T 28 |
| W29 | 20 28 31 | 6°36'01 | 16°26 | 25°45 | 17°11 | 8°44 | 8°16 | 2°45 | 4°23 | 5°48 | 10°36 | 2°10 | 1°59 | 7°50 | 28°47 | W29 |
| T 30 | 20 32 28 | 7°33'20 | 28°22 | 27°25 | 17°44 | 9°19 | 8°16 | 2°44 | 4°24 | 5°49 | 10°38 | 2°10 | 1°56 | 7°57 | 28°51 | T 30 |
| F 31 | 20 36 24 | 8♌30'40 | 10♋25 | 29♌ 4 | 18♍16 | 9♎55 | 8♈15 | 2♈42 | 4♉24 | 5♎51 | 10♌40 | 2♒11 | 1♒53 | 8♊ 4 | 28♎55 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n 1 | 25n48 | 4n15 | 23n21 | 0s 2 | 14n24 | 1n25 | 3n27 | 0n44 | 1n41 | 1s15 | 0s52 | 2s10 | 12n15 | 0s32 | 0s54 | 1n20 | 21n52 | 4n17 | 19s36 | 19s20 | 25n21 | 10s15 | 0n26 |
| T 2 | 22 57 | 26 31 | 3 32 | 23 32 | 0n 9 | 14 1 | 1 20 | 3 13 | 0 43 | 1 42 | 1 15 | 0 52 | 2 10 | 12 16 | 0 32 | 0 54 | 1 20 | 21 51 | 4 17 | 19 37 | 19 21 | 25 22 | 10 15 | 0 26 |
| F 3 | 22 52 | 26 1 | 2 39 | 23 40 | 0 20 | 13 37 | 1 16 | 3 0 | 0 42 | 1 44 | 1 15 | 0 52 | 2 11 | 12 17 | 0 32 | 0 55 | 1 20 | 21 51 | 4 17 | 19 38 | 19 21 | 25 23 | 10 15 | 0 27 |
| S 4 | 22 46 | 24 17 | 1 39 | 23 46 | 0 30 | 13 14 | 1 11 | 2 46 | 0 41 | 1 46 | 1 15 | 0 52 | 2 11 | 12 17 | 0 33 | 0 55 | 1 20 | 21 51 | 4 17 | 19 38 | 19 22 | 25 24 | 10 15 | 0 27 |
| S 5 | 22 41 | 21 25 | 0 33 | 23 50 | 0 40 | 12 50 | 1 6 | 2 32 | 0 40 | 1 47 | 1 16 | 0 52 | 2 11 | 12 18 | 0 33 | 0 55 | 1 20 | 21 50 | 4 17 | 19 38 | 19 23 | 25 25 | 10 15 | 0 27 |
| M 6 | 22 35 | 17 32 | 0s35 | 23 51 | 0 50 | 12 26 | 1 0 | 2 18 | 0 39 | 1 48 | 1 16 | 0 52 | 2 11 | 12 18 | 0 33 | 0 55 | 1 20 | 21 50 | 4 17 | 19 38 | 19 24 | 25 25 | 10 15 | 0 27 |
| T 7 | 22 28 | 12 50 | 1 43 | 23 49 | 0 58 | 12 2 | 0 55 | 2 4 | 0 38 | 1 50 | 1 16 | 0 52 | 2 12 | 12 19 | 0 33 | 0 56 | 1 20 | 21 49 | 4 17 | 19 38 | 19 24 | 25 26 | 10 15 | 0 28 |
| W 8 | 22 22 | 7 30 | 2 46 | 23 44 | 1 7 | 11 38 | 0 49 | 1 50 | 0 37 | 1 51 | 1 17 | 0 52 | 2 12 | 12 19 | 0 33 | 0 56 | 1 20 | 21 49 | 4 17 | 19 38 | 19 25 | 25 27 | 10 16 | 0 28 |
| T 9 | 22 14 | 1 46 | 3 43 | 23 37 | 1 14 | 11 14 | 0 44 | 1 36 | 0 36 | 1 52 | 1 17 | 0 52 | 2 12 | 12 20 | 0 33 | 0 56 | 1 20 | 21 48 | 4 17 | 19 38 | 19 26 | 25 28 | 10 16 | 0 28 |
| F 10 | 22 7 | 4s 9 | 4 28 | 23 27 | 1 21 | 10 49 | 0 37 | 1 22 | 0 35 | 1 53 | 1 17 | 0 52 | 2 12 | 12 20 | 0 33 | 0 57 | 1 20 | 21 48 | 4 17 | 19 37 | 19 27 | 25 28 | 10 16 | 0 29 |
| S 11 | 21 59 | 10 1 | 5 0 | 23 14 | 1 27 | 10 25 | 0 31 | 1 8 | 0 34 | 1 54 | 1 17 | 0 52 | 2 13 | 12 21 | 0 33 | 0 57 | 1 20 | 21 48 | 4 17 | 19 37 | 19 27 | 25 29 | 10 16 | 0 29 |
| S 12 | 21 50 | 15 31 | 5 15 | 22 59 | 1 33 | 10 1 | 0 25 | 0 54 | 0 33 | 1 55 | 1 18 | 0 52 | 2 13 | 12 21 | 0 33 | 0 57 | 1 20 | 21 47 | 4 17 | 19 37 | 19 28 | 25 30 | 10 17 | 0 29 |
| M13 | 21 42 | 20 18 | 5 12 | 22 41 | 1 37 | 9 36 | 0 18 | 0 40 | 0 32 | 1 56 | 1 18 | 0 52 | 2 13 | 12 22 | 0 33 | 0 58 | 1 20 | 21 47 | 4 17 | 19 37 | 19 29 | 25 31 | 10 17 | 0 30 |
| T 14 | 21 33 | 23 58 | 4 49 | 22 21 | 1 41 | 9 12 | 0 12 | 0 26 | 0 31 | 1 57 | 1 18 | 0 52 | 2 13 | 12 22 | 0 33 | 0 58 | 1 20 | 21 46 | 4 17 | 19 38 | 19 29 | 25 31 | 10 18 | 0 30 |
| W15 | 21 23 | 26 7 | 4 7 | 21 58 | 1 44 | 8 48 | 0 5 | 0 11 | 0 30 | 1 58 | 1 19 | 0 53 | 2 14 | 12 22 | 0 33 | 0 58 | 1 20 | 21 46 | 4 17 | 19 38 | 19 30 | 25 32 | 10 18 | 0 30 |
| T 16 | 21 13 | 26 27 | 3 8 | 21 34 | 1 47 | 8 23 | 0s 3 | 0s 3 | 0 29 | 1 58 | 1 19 | 0 53 | 2 14 | 12 23 | 0 33 | 0 59 | 1 20 | 21 46 | 4 17 | 19 38 | 19 31 | 25 33 | 10 19 | 0 30 |
| F 17 | 21 3 | 24 53 | 1 56 | 21 7 | 1 48 | 7 59 | 0 10 | 0 17 | 0 28 | 1 59 | 1 19 | 0 53 | 2 14 | 12 23 | 0 33 | 0 59 | 1 20 | 21 45 | 4 17 | 19 38 | 19 32 | 25 33 | 10 19 | 0 31 |
| S 18 | 20 53 | 21 38 | 0 38 | 20 39 | 1 49 | 7 35 | 0 18 | 0 32 | 0 27 | 2 0 | 1 19 | 0 54 | 2 15 | 12 23 | 0 33 | 1 0 | 1 19 | 21 45 | 4 17 | 19 38 | 19 32 | 25 34 | 10 20 | 0 31 |
| S 19 | 20 42 | 17 5 | 0n42 | 20 9 | 1 50 | 7 11 | 0 25 | 0 46 | 0 26 | 2 0 | 1 20 | 0 54 | 2 15 | 12 24 | 0 33 | 1 0 | 1 19 | 21 44 | 4 17 | 19 38 | 19 33 | 25 35 | 10 21 | 0 31 |
| M20 | 20 31 | 11 41 | 1 58 | 19 38 | 1 49 | 6 47 | 0 33 | 1 1 | 0 25 | 2 0 | 1 20 | 0 55 | 2 15 | 12 24 | 0 33 | 1 1 | 1 19 | 21 44 | 4 17 | 19 38 | 19 34 | 25 35 | 10 21 | 0 32 |
| T 21 | 20 19 | 5 51 | 3 4 | 19 5 | 1 48 | 6 23 | 0 41 | 1 15 | 0 24 | 2 1 | 1 20 | 0 55 | 2 15 | 12 24 | 0 33 | 1 1 | 1 19 | 21 43 | 4 17 | 19 38 | 19 35 | 25 36 | 10 22 | 0 32 |
| W22 | 20 7 | 0n 4 | 3 59 | 18 31 | 1 46 | 5 59 | 0 50 | 1 30 | 0 23 | 2 1 | 1 21 | 0 56 | 2 16 | 12 25 | 0 33 | 1 2 | 1 19 | 21 43 | 4 17 | 19 38 | 19 35 | 25 37 | 10 23 | 0 32 |
| T 23 | 19 55 | 5 48 | 4 39 | 17 56 | 1 44 | 5 35 | 0 58 | 1 44 | 0 22 | 2 1 | 1 21 | 0 56 | 2 16 | 12 25 | 0 33 | 1 2 | 1 19 | 21 43 | 4 17 | 19 38 | 19 36 | 25 37 | 10 24 | 0 32 |
| F 24 | 19 42 | 11 8 | 5 5 | 17 19 | 1 41 | 5 12 | 1 7 | 1 59 | 0 21 | 2 1 | 1 21 | 0 57 | 2 16 | 12 25 | 0 33 | 1 3 | 1 19 | 21 42 | 4 17 | 19 38 | 19 37 | 25 38 | 10 24 | 0 33 |
| S 25 | 19 30 | 15 55 | 5 17 | 16 42 | 1 37 | 4 49 | 1 16 | 2 13 | 0 20 | 2 1 | 1 22 | 0 58 | 2 16 | 12 25 | 0 33 | 1 3 | 1 19 | 21 42 | 4 18 | 19 38 | 19 37 | 25 39 | 10 25 | 0 33 |
| S 26 | 19 16 | 19 59 | 5 14 | 16 5 | 1 33 | 4 25 | 1 25 | 2 28 | 0 19 | 2 1 | 1 22 | 0 58 | 2 17 | 12 26 | 0 33 | 1 4 | 1 19 | 21 41 | 4 18 | 19 38 | 19 38 | 25 39 | 10 26 | 0 33 |
| M27 | 19 3 | 23 12 | 4 57 | 15 26 | 1 29 | 4 3 | 1 35 | 2 43 | 0 18 | 2 1 | 1 22 | 0 59 | 2 17 | 12 26 | 0 33 | 1 4 | 1 19 | 21 41 | 4 18 | 19 38 | 19 39 | 25 40 | 10 27 | 0 34 |
| T 28 | 18 49 | 25 24 | 4 28 | 14 47 | 1 24 | 3 40 | 1 45 | 2 57 | 0 18 | 2 1 | 1 22 | 1 0 | 2 17 | 12 26 | 0 33 | 1 5 | 1 19 | 21 41 | 4 18 | 19 38 | 19 40 | 25 40 | 10 28 | 0 34 |
| W29 | 18 35 | 26 28 | 3 47 | 14 8 | 1 18 | 3 18 | 1 54 | 3 12 | 0 17 | 2 0 | 1 23 | 1 1 | 2 17 | 12 26 | 0 33 | 1 5 | 1 19 | 21 40 | 4 18 | 19 38 | 19 40 | 25 41 | 10 29 | 0 34 |
| T 30 | 18 20 | 26 19 | 2 57 | 13 28 | 1 12 | 2 56 | 2 4 | 3 27 | 0 16 | 2 0 | 1 23 | 1 1 | 2 18 | 12 26 | 0 33 | 1 6 | 1 19 | 21 40 | 4 18 | 19 38 | 19 41 | 25 42 | 10 30 | 0 34 |
| F 31 | 18n 6 | 24n56 | 1n58 | 12n48 | 1n 6 | 2n34 | 2s15 | 3s41 | 0n15 | 1n59 | 1s23 | 1s 2 | 2s18 | 12n26 | 0s33 | 1s 6 | 1n19 | 21n39 | 4n18 | 19s38 | 19s42 | 25n42 | 10s31 | 0n35 |

Julian Day Number = 2611337.5, Delta T = 10m30s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'26, Lahiri = 29°58'27


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## AUGUST 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 40 21 | 9♌28'01 | 22♋38 | 0♍40 | 18♍46 | 10♎30 | 8°R15 | 2°R40 | 4♉25 | 5♎52 | 10♌41 | 2♒11 | 1♒50 | 8♊10 | 28♎58 | S 1 |
| S 2 | 20 44 17 | 10°25'22 | 5♌ 3 | 2°15 | 19°15 | 11° 6 | 8♈14 | 2♈38 | 4°25 | 5°53 | 10°43 | 2°R11 | 1°47 | 8°17 | 29° 2 | S 2 |
| M 3 | 20 48 14 | 11°22'44 | 17°42 | 3°48 | 19°42 | 11°42 | 8°13 | 2°36 | 4°26 | 5°55 | 10°45 | 2°11 | 1°44 | 8°24 | 29° 7 | M 3 |
| T 4 | 20 52 11 | 12°20'06 | 0♍35 | 5°19 | 20° 8 | 12°18 | 8°11 | 2°34 | 4°26 | 5°56 | 10°46 | 2°10 | 1°40 | 8°30 | 29°11 | T 4 |
| W 5 | 20 56 7 | 13°17'29 | 13°43 | 6°48 | 20°32 | 12°54 | 8°10 | 2°32 | 4°26 | 5°58 | 10°48 | 2° 9 | 1°37 | 8°37 | 29°15 | W 5 |
| T 6 | 21 0 4 | 14°14'53 | 27° 4 | 8°16 | 20°54 | 13°30 | 8° 8 | 2°30 | 4°26 | 5°59 | 10°50 | 2° 8 | 1°34 | 8°44 | 29°19 | T 6 |
| F 7 | 21 4 0 | 15°12'17 | 10♎39 | 9°41 | 21°15 | 14° 6 | 8° 6 | 2°28 | 4°26 | 6° 1 | 10°52 | 2° 6 | 1°31 | 8°50 | 29°24 | F 7 |
| S 8 | 21 7 57 | 16° 9'42 | 24°26 | 11° 5 | 21°34 | 14°42 | 8° 4 | 2°25 | 4°26 | 6° 2 | 10°53 | 2° 5 | 1°28 | 8°57 | 29°28 | S 8 |
| S 9 | 21 11 53 | 17° 7'08 | 8♏24 | 12°26 | 21°51 | 15°19 | 8° 2 | 2°23 | 4°R26 | 6° 4 | 10°55 | 2° 4 | 1°25 | 9° 4 | 29°33 | S 9 |
| M10 | 21 15 50 | 18° 4'34 | 22°32 | 13°46 | 22° 6 | 15°55 | 7°59 | 2°20 | 4°26 | 6° 5 | 10°57 | 2°D 4 | 1°21 | 9°11 | 29°38 | M10 |
| T 11 | 21 19 46 | 19° 2'01 | 6♐48 | 15° 4 | 22°19 | 16°32 | 7°56 | 2°18 | 4°26 | 6° 7 | 10°58 | 2° 4 | 1°18 | 9°17 | 29°43 | T 11 |
| W12 | 21 23 43 | 19°59'28 | 21° 9 | 16°19 | 22°30 | 17° 9 | 7°54 | 2°15 | 4°26 | 6° 9 | 11° 0 | 2° 5 | 1°15 | 9°24 | 29°48 | W12 |
| T 13 | 21 27 40 | 20°56'56 | 5♑32 | 17°33 | 22°39 | 17°45 | 7°51 | 2°12 | 4°26 | 6°10 | 11° 2 | 2° 7 | 1°12 | 9°31 | 29°53 | T 13 |
| F 14 | 21 31 36 | 21°54'25 | 19°54 | 18°44 | 22°45 | 18°22 | 7°47 | 2° 9 | 4°26 | 6°12 | 11° 3 | 2° 8 | 1° 9 | 9°37 | 29°58 | F 14 |
| S 15 | 21 35 33 | 22°51'54 | 4♒ 9 | 19°53 | 22°50 | 18°59 | 7°44 | 2° 6 | 4°26 | 6°14 | 11° 5 | 2°R 8 | 1° 5 | 9°44 | 0♏ 3 | S 15 |
| S 16 | 21 39 29 | 23°49'25 | 18°15 | 21° 0 | 22°R52 | 19°36 | 7°40 | 2° 3 | 4°25 | 6°16 | 11° 7 | 2° 7 | 1° 2 | 9°51 | 0° 8 | S 16 |
| M17 | 21 43 26 | 24°46'56 | 2♓ 6 | 22° 4 | 22°52 | 20°13 | 7°37 | 2° 0 | 4°25 | 6°17 | 11° 8 | 2° 6 | 0°59 | 9°57 | 0°14 | M17 |
| T 18 | 21 47 22 | 25°44'29 | 15°40 | 23° 5 | 22°49 | 20°51 | 7°33 | 1°57 | 4°24 | 6°19 | 11°10 | 2° 3 | 0°56 | 10° 4 | 0°19 | T 18 |
| W19 | 21 51 19 | 26°42'03 | 28°54 | 24° 4 | 22°45 | 21°28 | 7°28 | 1°54 | 4°24 | 6°21 | 11°12 | 1°59 | 0°53 | 10°11 | 0°25 | W19 |
| T 20 | 21 55 15 | 27°39'38 | 11♈49 | 25° 0 | 22°37 | 22° 5 | 7°24 | 1°50 | 4°23 | 6°23 | 11°13 | 1°55 | 0°50 | 10°17 | 0°30 | T 20 |
| F 21 | 21 59 12 | 28°37'14 | 24°24 | 25°54 | 22°28 | 22°43 | 7°20 | 1°47 | 4°23 | 6°25 | 11°15 | 1°52 | 0°46 | 10°24 | 0°36 | F 21 |
| S 22 | 22 3 8 | 29°34'52 | 6♉43 | 26°44 | 22°16 | 23°20 | 7°15 | 1°44 | 4°22 | 6°26 | 11°17 | 1°49 | 0°43 | 10°31 | 0°42 | S 22 |
| S 23 | 22 7 5 | 0♍32'31 | 18°48 | 27°31 | 22° 1 | 23°58 | 7°10 | 1°40 | 4°22 | 6°28 | 11°18 | 1°47 | 0°40 | 10°38 | 0°47 | S 23 |
| M24 | 22 11 2 | 1°30'12 | 0♊44 | 28°14 | 21°45 | 24°36 | 7° 5 | 1°36 | 4°21 | 6°30 | 11°20 | 1°D46 | 0°37 | 10°44 | 0°53 | M24 |
| T 25 | 22 14 58 | 2°27'55 | 12°36 | 28°54 | 21°26 | 25°14 | 7° 0 | 1°33 | 4°20 | 6°32 | 11°22 | 1°47 | 0°34 | 10°51 | 0°59 | T 25 |
| W26 | 22 18 55 | 3°25'39 | 24°28 | 29°30 | 21° 5 | 25°52 | 6°55 | 1°29 | 4°19 | 6°34 | 11°23 | 1°48 | 0°30 | 10°58 | 1° 5 | W26 |
| T 27 | 22 22 51 | 4°23'25 | 6♋25 | 0♎ 2 | 20°41 | 26°30 | 6°49 | 1°25 | 4°19 | 6°36 | 11°25 | 1°50 | 0°27 | 11° 4 | 1°11 | T 27 |
| F 28 | 22 26 48 | 5°21'12 | 18°32 | 0°30 | 20°16 | 27° 8 | 6°44 | 1°21 | 4°18 | 6°38 | 11°26 | 1°51 | 0°24 | 11°11 | 1°18 | F 28 |
| S 29 | 22 30 44 | 6°19'01 | 0♌53 | 0°53 | 19°49 | 27°46 | 6°38 | 1°18 | 4°17 | 6°40 | 11°28 | 1°R52 | 0°21 | 11°18 | 1°24 | S 29 |
| S 30 | 22 34 41 | 7°16'51 | 13°30 | 1°11 | 19°20 | 28°24 | 6°32 | 1°14 | 4°16 | 6°42 | 11°30 | 1°51 | 0°18 | 11°24 | 1°30 | S 30 |
| M31 | 22 38 38 | 8♍14'43 | 26♌26 | 1♎25 | 18♍49 | 29♎ 3 | 6♈26 | 1♈10 | 4♉15 | 6♎44 | 11♌31 | 1♒49 | 0♒15 | 11♊31 | 1♏37 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 17n51 | 22n21 | 0n53 | 12n 8 | 0n59 | 2n12 | 2s25 | 3s56 | 0n14 | 1n59 | 1s24 | 1s 3 | 2s18 | 12n27 | 0s33 | 1s 7 | 1n19 | 21n39 | 4n18 | 19s38 | 19s42 | 25n43 | 10s32 | 0n35 | S 1 |
| S 2 | 17 35 | 18 42 | 0s16 | 11 27 | 0 52 | 1 51 | 2 36 | 4 11 | 0 13 | 1 58 | 1 24 | 1 4 | 2 18 | 12 27 | 0 33 | 1 7 | 1 19 | 21 38 | 4 18 | 19 38 | 19 43 | 25 43 | 10 34 | 0 35 | S 2 |
| M 3 | 17 20 | 14 9 | 1 25 | 10 47 | 0 44 | 1 31 | 2 47 | 4 26 | 0 12 | 1 57 | 1 24 | 1 5 | 2 19 | 12 27 | 0 33 | 1 8 | 1 19 | 21 38 | 4 18 | 19 38 | 19 44 | 25 44 | 10 35 | 0 35 | M 3 |
| T 4 | 17 4 | 8 53 | 2 31 | 10 6 | 0 36 | 1 10 | 2 58 | 4 40 | 0 11 | 1 57 | 1 24 | 1 6 | 2 19 | 12 27 | 0 33 | 1 9 | 1 19 | 21 38 | 4 18 | 19 38 | 19 44 | 25 44 | 10 36 | 0 36 | T 4 |
| W 5 | 16 47 | 3 9 | 3 30 | 9 26 | 0 28 | 0 51 | 3 9 | 4 55 | 0 11 | 1 56 | 1 25 | 1 7 | 2 19 | 12 27 | 0 33 | 1 9 | 1 19 | 21 37 | 4 18 | 19 38 | 19 45 | 25 45 | 10 37 | 0 36 | W 5 |
| T 6 | 16 31 | 2s48 | 4 19 | 8 45 | 0 20 | 0 31 | 3 20 | 5 10 | 0 10 | 1 55 | 1 25 | 1 8 | 2 19 | 12 27 | 0 33 | 1 10 | 1 19 | 21 37 | 4 18 | 19 38 | 19 46 | 25 46 | 10 39 | 0 36 | T 6 |
| F 7 | 16 14 | 8 43 | 4 54 | 8 5 | 0 11 | 0 13 | 3 32 | 5 25 | 0 9 | 1 54 | 1 25 | 1 9 | 2 20 | 12 27 | 0 33 | 1 10 | 1 19 | 21 36 | 4 18 | 19 39 | 19 47 | 25 46 | 10 40 | 0 37 | F 7 |
| S 8 | 15 57 | 14 18 | 5 13 | 7 25 | 0 2 | 0s 5 | 3 44 | 5 40 | 0 8 | 1 53 | 1 26 | 1 11 | 2 20 | 12 27 | 0 33 | 1 11 | 1 19 | 21 36 | 4 18 | 19 39 | 19 47 | 25 47 | 10 41 | 0 37 | S 8 |
| S 9 | 15 40 | 19 13 | 5 14 | 6 46 | 0s 8 | 0 23 | 3 56 | 5 54 | 0 7 | 1 52 | 1 26 | 1 12 | 2 20 | 12 27 | 0 33 | 1 12 | 1 19 | 21 36 | 4 19 | 19 39 | 19 48 | 25 47 | 10 43 | 0 37 | S 9 |
| M10 | 15 23 | 23 8 | 4 56 | 6 6 | 0 17 | 0 40 | 4 8 | 6 9 | 0 6 | 1 50 | 1 26 | 1 13 | 2 20 | 12 27 | 0 33 | 1 12 | 1 19 | 21 35 | 4 19 | 19 39 | 19 49 | 25 48 | 10 44 | 0 37 | M10 |
| T 11 | 15 5 | 25 40 | 4 20 | 5 28 | 0 27 | 0 56 | 4 20 | 6 24 | 0 6 | 1 49 | 1 26 | 1 14 | 2 20 | 12 27 | 0 33 | 1 13 | 1 19 | 21 35 | 4 19 | 19 39 | 19 49 | 25 48 | 10 46 | 0 38 | T 11 |
| W12 | 14 47 | 26 32 | 3 27 | 4 49 | 0 37 | 1 12 | 4 32 | 6 39 | 0 5 | 1 48 | 1 27 | 1 16 | 2 21 | 12 27 | 0 33 | 1 14 | 1 19 | 21 34 | 4 19 | 19 39 | 19 50 | 25 49 | 10 47 | 0 38 | W12 |
| T 13 | 14 29 | 25 37 | 2 22 | 4 11 | 0 47 | 1 27 | 4 44 | 6 53 | 0 4 | 1 46 | 1 27 | 1 17 | 2 21 | 12 27 | 0 33 | 1 14 | 1 19 | 21 34 | 4 19 | 19 39 | 19 51 | 25 49 | 10 49 | 0 38 | T 13 |
| F 14 | 14 10 | 23 1 | 1 7 | 3 34 | 0 57 | 1 41 | 4 57 | 7 8 | 0 3 | 1 45 | 1 27 | 1 18 | 2 21 | 12 27 | 0 33 | 1 15 | 1 19 | 21 34 | 4 19 | 19 38 | 19 51 | 25 50 | 10 50 | 0 38 | F 14 |
| S 15 | 13 52 | 19 0 | 0n11 | 2 58 | 1 8 | 1 54 | 5 9 | 7 23 | 0 2 | 1 43 | 1 28 | 1 20 | 2 21 | 12 27 | 0 33 | 1 16 | 1 19 | 21 33 | 4 19 | 19 38 | 19 52 | 25 50 | 10 52 | 0 39 | S 15 |
| S 16 | 13 33 | 13 56 | 1 28 | 2 22 | 1 18 | 2 6 | 5 22 | 7 38 | 0 2 | 1 42 | 1 28 | 1 21 | 2 22 | 12 26 | 0 33 | 1 17 | 1 19 | 21 33 | 4 19 | 19 38 | 19 53 | 25 51 | 10 53 | 0 39 | S 16 |
| M17 | 13 14 | 8 15 | 2 38 | 1 47 | 1 29 | 2 18 | 5 34 | 7 52 | 0 1 | 1 40 | 1 28 | 1 22 | 2 22 | 12 26 | 0 33 | 1 17 | 1 19 | 21 33 | 4 19 | 19 39 | 19 54 | 25 51 | 10 55 | 0 39 | M17 |
| T 18 | 12 55 | 2 18 | 3 37 | 1 13 | 1 40 | 2 28 | 5 47 | 8 7 | 0s 0 | 1 38 | 1 28 | 1 24 | 2 22 | 12 26 | 0 33 | 1 18 | 1 19 | 21 32 | 4 19 | 19 40 | 19 54 | 25 52 | 10 56 | 0 39 | T 18 |
| W19 | 12 35 | 3n35 | 4 23 | 0 40 | 1 50 | 2 38 | 5 59 | 8 22 | 0 1 | 1 36 | 1 29 | 1 25 | 2 22 | 12 26 | 0 33 | 1 19 | 1 19 | 21 32 | 4 19 | 19 40 | 19 55 | 25 52 | 10 58 | 0 40 | W19 |
| T 20 | 12 15 | 9 11 | 4 54 | 0 7 | 2 1 | 2 46 | 6 11 | 8 36 | 0 2 | 1 34 | 1 29 | 1 27 | 2 22 | 12 26 | 0 33 | 1 19 | 1 19 | 21 31 | 4 20 | 19 41 | 19 56 | 25 52 | 11 0 | 0 40 | T 20 |
| F 21 | 11 56 | 14 15 | 5 11 | 0s23 | 2 12 | 2 53 | 6 23 | 8 51 | 0 2 | 1 32 | 1 29 | 1 28 | 2 23 | 12 26 | 0 34 | 1 20 | 1 19 | 21 31 | 4 20 | 19 42 | 19 56 | 25 53 | 11 2 | 0 40 | F 21 |
| S 22 | 11 36 | 18 38 | 5 12 | 0 53 | 2 23 | 3 0 | 6 35 | 9 6 | 0 3 | 1 30 | 1 29 | 1 30 | 2 23 | 12 25 | 0 34 | 1 21 | 1 19 | 21 31 | 4 20 | 19 43 | 19 57 | 25 53 | 11 3 | 0 40 | S 22 |
| S 23 | 11 15 | 22 10 | 5 0 | 1 22 | 2 33 | 3 5 | 6 47 | 9 20 | 0 4 | 1 28 | 1 30 | 1 31 | 2 23 | 12 25 | 0 34 | 1 22 | 1 19 | 21 30 | 4 20 | 19 43 | 19 58 | 25 54 | 11 5 | 0 41 | S 23 |
| M24 | 10 55 | 24 44 | 4 34 | 1 49 | 2 44 | 3 9 | 6 58 | 9 35 | 0 5 | 1 26 | 1 30 | 1 33 | 2 23 | 12 25 | 0 34 | 1 22 | 1 18 | 21 30 | 4 20 | 19 43 | 19 58 | 25 54 | 11 7 | 0 41 | M24 |
| T 25 | 10 34 | 26 11 | 3 57 | 2 14 | 2 55 | 3 11 | 7 9 | 9 49 | 0 5 | 1 24 | 1 30 | 1 35 | 2 23 | 12 25 | 0 34 | 1 23 | 1 18 | 21 30 | 4 20 | 19 43 | 19 59 | 25 55 | 11 9 | 0 41 | T 25 |
| W26 | 10 14 | 26 26 | 3 10 | 2 38 | 3 5 | 3 13 | 7 20 | 10 4 | 0 6 | 1 21 | 1 30 | 1 36 | 2 23 | 12 24 | 0 34 | 1 24 | 1 18 | 21 29 | 4 20 | 19 43 | 20 0 | 25 55 | 11 11 | 0 41 | W26 |
| T 27 | 9 53 | 25 28 | 2 15 | 3 0 | 3 15 | 3 13 | 7 30 | 10 18 | 0 7 | 1 19 | 1 30 | 1 38 | 2 24 | 12 24 | 0 34 | 1 25 | 1 18 | 21 29 | 4 20 | 19 42 | 20 0 | 25 55 | 11 13 | 0 42 | T 27 |
| F 28 | 9 32 | 23 18 | 1 12 | 3 20 | 3 25 | 3 12 | 7 40 | 10 33 | 0 8 | 1 17 | 1 31 | 1 40 | 2 24 | 12 24 | 0 34 | 1 26 | 1 18 | 21 29 | 4 20 | 19 42 | 20 1 | 25 56 | 11 14 | 0 42 | F 28 |
| S 29 | 9 10 | 20 0 | 0 5 | 3 37 | 3 34 | 3 10 | 7 49 | 10 47 | 0 8 | 1 14 | 1 31 | 1 41 | 2 24 | 12 23 | 0 34 | 1 26 | 1 18 | 21 28 | 4 20 | 19 42 | 20 2 | 25 56 | 11 16 | 0 42 | S 29 |
| S 30 | 8 49 | 15 43 | 1s 3 | 3 53 | 3 43 | 3 6 | 7 57 | 11 2 | 0 9 | 1 12 | 1 31 | 1 43 | 2 24 | 12 23 | 0 34 | 1 27 | 1 18 | 21 28 | 4 21 | 19 42 | 20 2 | 25 56 | 11 18 | 0 43 | S 30 |
| M31 | 8n28 | 10n38 | 2s10 | 4s 6 | 3s51 | 3s 2 | 8s 5 | 11s16 | 0s10 | 1n 9 | 1s31 | 1s45 | 2s24 | 12n23 | 0s34 | 1s28 | 1n18 | 21n28 | 4n21 | 19s43 | 20s 3 | 25n57 | 11s20 | 0n43 | M31 |

Julian Day Number = 2611368.5, Delta T = 10m31s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'30, Lahiri = 29°58'31


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## SEPTEMBER 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 42 34 | 9♍12'36 | 9♍41 | 1♎33 | 18°R16 | 29♎41 | 6°R20 | 1°R 6 | 4°R14 | 6♎46 | 11♌33 | 1°R45 | 0♒11 | 11♊38 | 1♏43 | T 1 |
| W 2 | 22 46 31 | 10°10'31 | 23°13 | 1°R35 | 17♍43 | 0♏20 | 6♈13 | 1♈ 1 | 4♉13 | 6°48 | 11°34 | 1♒40 | 0° 8 | 11°44 | 1°50 | W 2 |
| T 3 | 22 50 27 | 11° 8'27 | 7♎ 1 | 1°32 | 17° 8 | 0°58 | 6° 7 | 0°57 | 4°11 | 6°50 | 11°36 | 1°33 | 0° 5 | 11°51 | 1°56 | T 3 |
| F 4 | 22 54 24 | 12° 6'24 | 21° 1 | 1°23 | 16°32 | 1°37 | 6° 0 | 0°53 | 4°10 | 6°52 | 11°37 | 1°27 | 0° 2 | 11°58 | 2° 3 | F 4 |
| S 5 | 22 58 20 | 13° 4'23 | 5♏ 9 | 1° 8 | 15°56 | 2°16 | 5°54 | 0°49 | 4° 9 | 6°54 | 11°39 | 1°22 | 29♑59 | 12° 4 | 2°10 | S 5 |
| S 6 | 23 2 17 | 14° 2'23 | 19°22 | 0°47 | 15°19 | 2°55 | 5°47 | 0°44 | 4° 8 | 6°56 | 11°40 | 1°17 | 29°56 | 12°11 | 2°17 | S 6 |
| M 7 | 23 6 13 | 15° 0'25 | 3♐35 | 0°20 | 14°42 | 3°34 | 5°40 | 0°40 | 4° 6 | 6°58 | 11°42 | 1°15 | 29°52 | 12°18 | 2°23 | M 7 |
| T 8 | 23 10 10 | 15°58'28 | 17°46 | 29♍47 | 14° 4 | 4°13 | 5°33 | 0°36 | 4° 5 | 7° 0 | 11°43 | 1°D15 | 29°49 | 12°25 | 2°30 | T 8 |
| W 9 | 23 14 6 | 16°56'32 | 1♑54 | 29° 8 | 13°27 | 4°52 | 5°26 | 0°31 | 4° 4 | 7° 2 | 11°45 | 1°15 | 29°46 | 12°31 | 2°37 | W 9 |
| T 10 | 23 18 3 | 17°54'38 | 15°57 | 28°23 | 12°51 | 5°31 | 5°18 | 0°27 | 4° 2 | 7° 4 | 11°46 | 1°16 | 29°43 | 12°38 | 2°44 | T 10 |
| F 11 | 23 22 0 | 18°52'45 | 29°53 | 27°34 | 12°15 | 6°10 | 5°11 | 0°23 | 4° 1 | 7° 7 | 11°48 | 1°R17 | 29°40 | 12°45 | 2°52 | F 11 |
| S 12 | 23 25 56 | 19°50'53 | 13♒43 | 26°41 | 11°40 | 6°50 | 5° 4 | 0°18 | 3°59 | 7° 9 | 11°49 | 1°17 | 29°36 | 12°51 | 2°59 | S 12 |
| S 13 | 23 29 53 | 20°49'03 | 27°23 | 25°44 | 11° 6 | 7°29 | 4°56 | 0°14 | 3°58 | 7°11 | 11°50 | 1°14 | 29°33 | 12°58 | 3° 6 | S 13 |
| M14 | 23 33 49 | 21°47'14 | 10♓52 | 24°45 | 10°34 | 8° 9 | 4°49 | 0° 9 | 3°56 | 7°13 | 11°52 | 1° 9 | 29°30 | 13° 5 | 3°13 | M14 |
| T 15 | 23 37 46 | 22°45'27 | 24° 7 | 23°46 | 10° 3 | 8°48 | 4°41 | 0° 5 | 3°54 | 7°15 | 11°53 | 1° 2 | 29°27 | 13°11 | 3°21 | T 15 |
| W16 | 23 41 42 | 23°43'42 | 7♈ 9 | 22°46 | 9°34 | 9°28 | 4°33 | 29♓59 | 3°53 | 7°17 | 11°54 | 0°53 | 29°24 | 13°18 | 3°28 | W16 |
| T 17 | 23 45 39 | 24°41'58 | 19°54 | 21°49 | 9° 7 | 10° 8 | 4°26 | 29°55 | 3°51 | 7°20 | 11°56 | 0°43 | 29°21 | 13°25 | 3°35 | T 17 |
| F 18 | 23 49 35 | 25°40'17 | 2♉24 | 20°54 | 8°42 | 10°48 | 4°18 | 29°51 | 3°49 | 7°22 | 11°57 | 0°34 | 29°17 | 13°31 | 3°43 | F 18 |
| S 19 | 23 53 32 | 26°38'37 | 14°40 | 20° 4 | 8°18 | 11°28 | 4°10 | 29°46 | 3°48 | 7°24 | 11°58 | 0°25 | 29°14 | 13°38 | 3°50 | S 19 |
| S 20 | 23 57 29 | 27°37'00 | 26°43 | 19°19 | 7°57 | 12° 8 | 4° 2 | 29°42 | 3°46 | 7°26 | 12° 0 | 0°19 | 29°11 | 13°45 | 3°58 | S 20 |
| M21 | 0 1 25 | 28°35'25 | 8♊38 | 18°41 | 7°39 | 12°48 | 3°54 | 29°37 | 3°44 | 7°28 | 12° 1 | 0°14 | 29° 8 | 13°51 | 4° 6 | M21 |
| T 22 | 0 5 22 | 29°33'51 | 20°28 | 18°11 | 7°23 | 13°28 | 3°46 | 29°32 | 3°42 | 7°31 | 12° 2 | 0°12 | 29° 5 | 13°58 | 4°13 | T 22 |
| W23 | 0 9 18 | 0♎32'20 | 2♋19 | 17°49 | 7° 9 | 14° 8 | 3°38 | 29°28 | 3°40 | 7°33 | 12° 3 | 0°D12 | 29° 2 | 14° 5 | 4°21 | W23 |
| T 24 | 0 13 15 | 1°30'51 | 14°16 | 17°37 | 6°57 | 14°49 | 3°30 | 29°23 | 3°38 | 7°35 | 12° 5 | 0°12 | 28°58 | 14°11 | 4°29 | T 24 |
| F 25 | 0 17 11 | 2°29'24 | 26°23 | 17°D34 | 6°48 | 15°29 | 3°22 | 29°19 | 3°36 | 7°37 | 12° 6 | 0°R13 | 28°55 | 14°18 | 4°37 | F 25 |
| S 26 | 0 21 8 | 3°27'59 | 8♌47 | 17°40 | 6°42 | 16°10 | 3°14 | 29°14 | 3°34 | 7°39 | 12° 7 | 0°12 | 28°52 | 14°25 | 4°44 | S 26 |
| S 27 | 0 25 4 | 4°26'37 | 21°30 | 17°56 | 6°37 | 16°50 | 3° 6 | 29° 9 | 3°32 | 7°42 | 12° 8 | 0°10 | 28°49 | 14°32 | 4°52 | S 27 |
| M28 | 0 29 1 | 5°25'16 | 4♍37 | 18°22 | 6°D36 | 17°31 | 2°58 | 29° 5 | 3°30 | 7°44 | 12° 9 | 0° 6 | 28°46 | 14°38 | 5° 0 | M28 |
| T 29 | 0 32 58 | 6°23'57 | 18° 8 | 18°57 | 6°36 | 18°12 | 2°50 | 29° 0 | 3°28 | 7°46 | 12°10 | 29♑59 | 28°42 | 14°45 | 5° 8 | T 29 |
| W30 | 0 36 54 | 7♎22'41 | 2♎ 3 | 19♍40 | 6♍39 | 18♏52 | 2♈42 | 28♓56 | 3♉26 | 7♎48 | 12♌11 | 29♑50 | 28♑39 | 14♊52 | 5♏16 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n 6 | 4n58 | 3s11 | 4s16 | 3s59 | 2s56 | 8s12 | 11s30 | 0s11 | 1n 6 | 1s31 | 1s47 | 2s24 | 12n22 | 0s34 | 1s29 | 1n18 | 21n27 | 4n21 | 19s43 | 20s 4 | 25n57 | 11s22 | 0n43 |
| W 2 | 7 44 | 1s 2 | 4 3 | 4 24 | 4 6 | 2 49 | 8 18 | 11 44 | 0 11 | 1 4 | 1 32 | 1 48 | 2 25 | 12 22 | 0 34 | 1 30 | 1 18 | 21 27 | 4 21 | 19 45 | 20 4 | 25 57 | 11 24 | 0 43 |
| T 3 | 7 22 | 7 5 | 4 42 | 4 29 | 4 13 | 2 40 | 8 24 | 11 58 | 0 12 | 1 1 | 1 32 | 1 50 | 2 25 | 12 21 | 0 34 | 1 30 | 1 18 | 21 27 | 4 21 | 19 46 | 20 5 | 25 58 | 11 26 | 0 44 |
| F 4 | 7 0 | 12 53 | 5 4 | 4 30 | 4 18 | 2 31 | 8 29 | 12 13 | 0 13 | 0 58 | 1 32 | 1 52 | 2 25 | 12 21 | 0 34 | 1 31 | 1 18 | 21 26 | 4 21 | 19 47 | 20 6 | 25 58 | 11 28 | 0 44 |
| S 5 | 6 38 | 18 3 | 5 9 | 4 28 | 4 22 | 2 21 | 8 32 | 12 27 | 0 13 | 0 55 | 1 32 | 1 54 | 2 25 | 12 21 | 0 34 | 1 32 | 1 18 | 21 26 | 4 21 | 19 49 | 20 6 | 25 58 | 11 30 | 0 44 |
| S 6 | 6 16 | 22 14 | 4 54 | 4 22 | 4 26 | 2 9 | 8 35 | 12 41 | 0 14 | 0 53 | 1 32 | 1 55 | 2 25 | 12 20 | 0 34 | 1 33 | 1 18 | 21 26 | 4 21 | 19 50 | 20 7 | 25 59 | 11 33 | 0 44 |
| M 7 | 5 54 | 25 6 | 4 22 | 4 13 | 4 27 | 1 57 | 8 37 | 12 54 | 0 15 | 0 50 | 1 32 | 1 57 | 2 25 | 12 20 | 0 34 | 1 34 | 1 18 | 21 25 | 4 22 | 19 50 | 20 8 | 25 59 | 11 35 | 0 45 |
| T 8 | 5 31 | 26 22 | 3 33 | 4 0 | 4 28 | 1 44 | 8 38 | 13 8 | 0 16 | 0 47 | 1 33 | 1 59 | 2 25 | 12 19 | 0 34 | 1 34 | 1 18 | 21 25 | 4 22 | 19 50 | 20 8 | 25 59 | 11 37 | 0 45 |
| W 9 | 5 9 | 25 54 | 2 32 | 3 44 | 4 26 | 1 30 | 8 38 | 13 22 | 0 16 | 0 44 | 1 33 | 2 1 | 2 25 | 12 19 | 0 34 | 1 35 | 1 18 | 21 25 | 4 22 | 19 50 | 20 9 | 26 0 | 11 39 | 0 45 |
| T 10 | 4 46 | 23 47 | 1 22 | 3 23 | 4 23 | 1 16 | 8 38 | 13 36 | 0 17 | 0 41 | 1 33 | 2 3 | 2 25 | 12 18 | 0 34 | 1 36 | 1 18 | 21 25 | 4 22 | 19 50 | 20 10 | 26 0 | 11 41 | 0 45 |
| F 11 | 4 23 | 20 15 | 0 8 | 2 59 | 4 19 | 1 0 | 8 36 | 13 50 | 0 18 | 0 38 | 1 33 | 2 5 | 2 26 | 12 18 | 0 34 | 1 37 | 1 18 | 21 24 | 4 22 | 19 50 | 20 10 | 26 0 | 11 43 | 0 46 |
| S 12 | 4 1 | 15 37 | 1n 7 | 2 32 | 4 12 | 0 45 | 8 33 | 14 3 | 0 18 | 0 35 | 1 33 | 2 7 | 2 26 | 12 17 | 0 34 | 1 38 | 1 18 | 21 24 | 4 22 | 19 50 | 20 11 | 26 1 | 11 45 | 0 46 |
| S 13 | 3 38 | 10 14 | 2 16 | 2 2 | 4 3 | 0 29 | 8 30 | 14 17 | 0 19 | 0 32 | 1 33 | 2 8 | 2 26 | 12 17 | 0 34 | 1 39 | 1 18 | 21 24 | 4 22 | 19 50 | 20 12 | 26 1 | 11 48 | 0 46 |
| M14 | 3 15 | 4 27 | 3 16 | 1 29 | 3 53 | 0 13 | 8 25 | 14 30 | 0 20 | 0 29 | 1 33 | 2 10 | 2 26 | 12 16 | 0 34 | 1 40 | 1 18 | 21 24 | 4 23 | 19 51 | 20 12 | 26 1 | 11 50 | 0 46 |
| T 15 | 2 52 | 1n25 | 4 5 | 0 54 | 3 40 | 0n 3 | 8 20 | 14 43 | 0 20 | 0 25 | 1 34 | 2 12 | 2 26 | 12 16 | 0 34 | 1 40 | 1 18 | 21 23 | 4 23 | 19 53 | 20 13 | 26 1 | 11 52 | 0 47 |
| W16 | 2 29 | 7 7 | 4 40 | 0 18 | 3 26 | 0 19 | 8 14 | 14 57 | 0 21 | 0 22 | 1 34 | 2 14 | 2 26 | 12 15 | 0 34 | 1 41 | 1 18 | 21 23 | 4 23 | 19 55 | 20 14 | 26 2 | 11 54 | 0 47 |
| T 17 | 2 6 | 12 23 | 5 0 | 0n20 | 3 10 | 0 35 | 8 8 | 15 10 | 0 22 | 0 19 | 1 34 | 2 16 | 2 26 | 12 14 | 0 34 | 1 42 | 1 18 | 21 23 | 4 23 | 19 57 | 20 14 | 26 2 | 11 57 | 0 47 |
| F 18 | 1 43 | 17 3 | 5 5 | 0 57 | 2 53 | 0 51 | 8 0 | 15 23 | 0 22 | 0 16 | 1 34 | 2 18 | 2 26 | 12 14 | 0 34 | 1 43 | 1 18 | 21 23 | 4 23 | 19 59 | 20 15 | 26 2 | 11 59 | 0 47 |
| S 19 | 1 20 | 20 55 | 4 56 | 1 33 | 2 35 | 1 7 | 7 53 | 15 36 | 0 23 | 0 13 | 1 34 | 2 20 | 2 26 | 12 13 | 0 34 | 1 44 | 1 18 | 21 22 | 4 23 | 20 1 | 20 16 | 26 2 | 12 1 | 0 48 |
| S 20 | 0 57 | 23 49 | 4 34 | 2 8 | 2 16 | 1 23 | 7 44 | 15 49 | 0 24 | 0 10 | 1 34 | 2 22 | 2 26 | 12 13 | 0 34 | 1 45 | 1 18 | 21 22 | 4 23 | 20 2 | 20 16 | 26 2 | 12 4 | 0 48 |
| M21 | 0 34 | 25 38 | 4 0 | 2 41 | 1 56 | 1 38 | 7 35 | 16 2 | 0 24 | 0 6 | 1 34 | 2 23 | 2 26 | 12 12 | 0 34 | 1 46 | 1 18 | 21 22 | 4 24 | 20 3 | 20 17 | 26 3 | 12 6 | 0 48 |
| T 22 | 0 10 | 26 18 | 3 16 | 3 11 | 1 36 | 1 53 | 7 26 | 16 14 | 0 25 | 0 3 | 1 34 | 2 25 | 2 26 | 12 11 | 0 34 | 1 46 | 1 18 | 21 22 | 4 24 | 20 4 | 20 18 | 26 3 | 12 8 | 0 48 |
| W23 | 0s13 | 25 45 | 2 23 | 3 38 | 1 17 | 2 7 | 7 16 | 16 27 | 0 26 | 0 0 | 1 34 | 2 27 | 2 26 | 12 11 | 0 34 | 1 47 | 1 18 | 21 22 | 4 24 | 20 4 | 20 18 | 26 3 | 12 11 | 0 49 |
| T 24 | 0 36 | 24 1 | 1 24 | 4 0 | 0 57 | 2 20 | 7 6 | 16 40 | 0 26 | 0s 3 | 1 34 | 2 29 | 2 26 | 12 10 | 0 34 | 1 48 | 1 18 | 21 21 | 4 24 | 20 4 | 20 19 | 26 3 | 12 13 | 0 49 |
| F 25 | 0 59 | 21 10 | 0 20 | 4 19 | 0 38 | 2 33 | 6 55 | 16 52 | 0 27 | 0 6 | 1 34 | 2 31 | 2 26 | 12 9 | 0 34 | 1 49 | 1 18 | 21 21 | 4 24 | 20 4 | 20 20 | 26 3 | 12 15 | 0 49 |
| S 26 | 1 22 | 17 17 | 0s46 | 4 33 | 0 20 | 2 46 | 6 45 | 17 4 | 0 27 | 0 10 | 1 34 | 2 33 | 2 26 | 12 9 | 0 34 | 1 50 | 1 18 | 21 21 | 4 24 | 20 4 | 20 20 | 26 4 | 12 18 | 0 49 |
| S 27 | 1 46 | 12 33 | 1 51 | 4 43 | 0 2 | 2 57 | 6 34 | 17 17 | 0 28 | 0 13 | 1 34 | 2 35 | 2 26 | 12 8 | 0 34 | 1 51 | 1 18 | 21 21 | 4 25 | 20 4 | 20 21 | 26 4 | 12 20 | 0 50 |
| M28 | 2 9 | 7 7 | 2 52 | 4 48 | 0n14 | 3 8 | 6 22 | 17 29 | 0 29 | 0 16 | 1 34 | 2 36 | 2 26 | 12 7 | 0 34 | 1 52 | 1 18 | 21 21 | 4 25 | 20 5 | 20 22 | 26 4 | 12 22 | 0 50 |
| T 29 | 2 32 | 1 13 | 3 46 | 4 49 | 0 29 | 3 19 | 6 11 | 17 41 | 0 29 | 0 19 | 1 34 | 2 38 | 2 26 | 12 7 | 0 34 | 1 53 | 1 18 | 21 20 | 4 25 | 20 6 | 20 22 | 26 4 | 12 25 | 0 50 |
| W30 | 2s55 | 4s54 | 4s28 | 4n45 | 0n43 | 3n28 | 6s 0 | 17s52 | 0s30 | 0s22 | 1s34 | 2s40 | 2s26 | 12n 6 | 0s34 | 1s53 | 1n18 | 21n20 | 4n25 | 20s 8 | 20s23 | 26n 4 | 12s27 | 0n51 |

Julian Day Number = 2611399.5, Delta T = 10m31s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'34, Lahiri = 29°58'36


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## OCTOBER 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 40 51 | 8♎21'26 | 16♎17 | 20♍32 | 6♍45 | 19♏33 | 2°R34 | 28°R51 | 3°R24 | 7♎51 | 12♌12 | 29°R39 | 28♑36 | 14♊58 | 5♏24 | T 1 |
| F 2 | 0 44 47 | 9°20'14 | 0♏45 | 21°32 | 6°52 | 20°14 | 2♈26 | 28♓47 | 3♉22 | 7°53 | 12°14 | 29♑28 | 28°33 | 15° 5 | 5°32 | F 2 |
| S 3 | 0 48 44 | 10°19'03 | 15°19 | 22°39 | 7° 2 | 20°55 | 2°18 | 28°42 | 3°20 | 7°55 | 12°15 | 29°19 | 28°30 | 15°12 | 5°40 | S 3 |
| S 4 | 0 52 40 | 11°17'54 | 29°54 | 23°52 | 7°14 | 21°36 | 2°10 | 28°38 | 3°17 | 7°57 | 12°16 | 29°11 | 28°27 | 15°18 | 5°49 | S 4 |
| M 5 | 0 56 37 | 12°16'47 | 14♐24 | 25°11 | 7°27 | 22°18 | 2° 3 | 28°33 | 3°15 | 7°59 | 12°17 | 29° 6 | 28°23 | 15°25 | 5°57 | M 5 |
| T 6 | 1 0 33 | 13°15'42 | 28°42 | 26°34 | 7°43 | 22°59 | 1°55 | 28°29 | 3°13 | 8° 2 | 12°18 | 29° 3 | 28°20 | 15°32 | 6° 5 | T 6 |
| W 7 | 1 4 30 | 14°14'38 | 12♑49 | 28° 3 | 8° 1 | 23°40 | 1°47 | 28°25 | 3°11 | 8° 4 | 12°18 | 29°D 2 | 28°17 | 15°38 | 6°13 | W 7 |
| T 8 | 1 8 27 | 15°13'36 | 26°42 | 29°35 | 8°21 | 24°22 | 1°40 | 28°20 | 3° 8 | 8° 6 | 12°19 | 29°R 3 | 28°14 | 15°45 | 6°21 | T 8 |
| F 9 | 1 12 23 | 16°12'36 | 10♒23 | 1♎10 | 8°43 | 25° 3 | 1°32 | 28°16 | 3° 6 | 8° 8 | 12°20 | 29° 2 | 28°11 | 15°52 | 6°30 | F 9 |
| S 10 | 1 16 20 | 17°11'37 | 23°51 | 2°48 | 9° 6 | 25°45 | 1°25 | 28°12 | 3° 4 | 8°11 | 12°21 | 29° 0 | 28° 7 | 15°58 | 6°38 | S 10 |
| S 11 | 1 20 16 | 18°10'40 | 7♓ 8 | 4°28 | 9°31 | 26°26 | 1°17 | 28° 8 | 3° 1 | 8°13 | 12°22 | 28°56 | 28° 4 | 16° 5 | 6°46 | S 11 |
| M12 | 1 24 13 | 19° 9'45 | 20°14 | 6° 9 | 9°58 | 27° 8 | 1°10 | 28° 3 | 2°59 | 8°15 | 12°23 | 28°48 | 28° 1 | 16°12 | 6°55 | M12 |
| T 13 | 1 28 9 | 20° 8'51 | 3♈ 8 | 7°52 | 10°27 | 27°50 | 1° 3 | 27°59 | 2°57 | 8°17 | 12°24 | 28°38 | 27°58 | 16°18 | 7° 3 | T 13 |
| W14 | 1 32 6 | 21° 8'00 | 15°52 | 9°36 | 10°57 | 28°32 | 0°56 | 27°55 | 2°54 | 8°19 | 12°24 | 28°25 | 27°55 | 16°25 | 7°12 | W14 |
| T 15 | 1 36 2 | 22° 7'11 | 28°23 | 11°21 | 11°28 | 29°14 | 0°49 | 27°51 | 2°52 | 8°21 | 12°25 | 28°11 | 27°52 | 16°32 | 7°20 | T 15 |
| F 16 | 1 39 59 | 23° 6'23 | 10♉43 | 13° 6 | 12° 1 | 29°56 | 0°42 | 27°47 | 2°50 | 8°24 | 12°26 | 27°58 | 27°48 | 16°38 | 7°28 | F 16 |
| S 17 | 1 43 55 | 24° 5'38 | 22°52 | 14°51 | 12°36 | 0♐38 | 0°35 | 27°43 | 2°47 | 8°26 | 12°27 | 27°45 | 27°45 | 16°45 | 7°37 | S 17 |
| S 18 | 1 47 52 | 25° 4'55 | 4♊51 | 16°37 | 13°11 | 1°20 | 0°29 | 27°40 | 2°45 | 8°28 | 12°27 | 27°35 | 27°42 | 16°52 | 7°45 | S 18 |
| M19 | 1 51 49 | 26° 4'14 | 16°43 | 18°22 | 13°49 | 2° 2 | 0°22 | 27°36 | 2°42 | 8°30 | 12°28 | 27°28 | 27°39 | 16°59 | 7°54 | M19 |
| T 20 | 1 55 45 | 27° 3'36 | 28°31 | 20° 7 | 14°27 | 2°45 | 0°16 | 27°32 | 2°40 | 8°32 | 12°29 | 27°23 | 27°36 | 17° 5 | 8° 2 | T 20 |
| W21 | 1 59 42 | 28° 3'00 | 10♋20 | 21°52 | 15° 7 | 3°27 | 0°10 | 27°28 | 2°37 | 8°34 | 12°29 | 27°20 | 27°33 | 17°12 | 8°11 | W21 |
| T 22 | 2 3 38 | 29° 2'26 | 22°14 | 23°37 | 15°47 | 4° 9 | 0° 4 | 27°25 | 2°35 | 8°37 | 12°30 | 27°20 | 27°29 | 17°19 | 8°19 | T 22 |
| F 23 | 2 7 35 | 0♏ 1'54 | 4♌19 | 25°21 | 16°29 | 4°52 | 29♓58 | 27°21 | 2°33 | 8°39 | 12°30 | 27°20 | 27°26 | 17°25 | 8°28 | F 23 |
| S 24 | 2 11 31 | 1° 1'24 | 16°40 | 27° 4 | 17°12 | 5°35 | 29°52 | 27°18 | 2°30 | 8°41 | 12°31 | 27°19 | 27°23 | 17°32 | 8°37 | S 24 |
| S 25 | 2 15 28 | 2° 0'57 | 29°23 | 28°47 | 17°56 | 6°17 | 29°46 | 27°14 | 2°28 | 8°43 | 12°31 | 27°17 | 27°20 | 17°39 | 8°45 | S 25 |
| M26 | 2 19 24 | 3° 0'32 | 12♍32 | 0♏29 | 18°41 | 7° 0 | 29°41 | 27°11 | 2°25 | 8°45 | 12°32 | 27°12 | 27°17 | 17°45 | 8°54 | M26 |
| T 27 | 2 23 21 | 4° 0'09 | 26° 8 | 2°11 | 19°27 | 7°43 | 29°36 | 27° 8 | 2°23 | 8°47 | 12°32 | 27° 5 | 27°13 | 17°52 | 9° 2 | T 27 |
| W28 | 2 27 18 | 4°59'49 | 10♎13 | 3°53 | 20°14 | 8°26 | 29°30 | 27° 5 | 2°20 | 8°49 | 12°33 | 26°55 | 27°10 | 17°59 | 9°11 | W28 |
| T 29 | 2 31 14 | 5°59'30 | 24°43 | 5°33 | 21° 2 | 9° 9 | 29°25 | 27° 2 | 2°18 | 8°51 | 12°33 | 26°44 | 27° 7 | 18° 5 | 9°20 | T 29 |
| F 30 | 2 35 11 | 6°59'14 | 9♏32 | 7°13 | 21°51 | 9°52 | 29°21 | 26°59 | 2°16 | 8°53 | 12°34 | 26°32 | 27° 4 | 18°12 | 9°28 | F 30 |
| S 31 | 2 39 7 | 7♏58'59 | 24♏31 | 8♏53 | 22♍40 | 10♐35 | 29♓16 | 26♓56 | 2♉13 | 8♎55 | 12♌34 | 26♑22 | 27♑ 1 | 18♊19 | 9♏37 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s18 | 10s54 | 4s54 | 4n36 | 0n56 | 3n37 | 5s48 | 18s 4 | 0s30 | 0s25 | 1s34 | 2s42 | 2s26 | 12n 5 | 0s34 | 1s54 | 1n18 | 21n20 | 4n25 | 20s11 | 20s24 | 26n 4 | 12s30 | 0n51 |
| F 2 | 3 42 | 16 25 | 5 2 | 4 23 | 1 7 | 3 45 | 5 37 | 18 16 | 0 31 | 0 29 | 1 34 | 2 44 | 2 26 | 12 4 | 0 34 | 1 55 | 1 18 | 21 20 | 4 25 | 20 13 | 20 24 | 26 4 | 12 32 | 0 51 |
| S 3 | 4 5 | 21 1 | 4 50 | 4 6 | 1 18 | 3 52 | 5 25 | 18 27 | 0 32 | 0 32 | 1 34 | 2 45 | 2 26 | 12 4 | 0 34 | 1 56 | 1 18 | 21 20 | 4 25 | 20 15 | 20 25 | 26 5 | 12 34 | 0 51 |
| S 4 | 4 28 | 24 19 | 4 20 | 3 45 | 1 26 | 3 59 | 5 14 | 18 39 | 0 32 | 0 35 | 1 34 | 2 47 | 2 26 | 12 3 | 0 34 | 1 57 | 1 18 | 21 20 | 4 26 | 20 16 | 20 25 | 26 5 | 12 37 | 0 52 |
| M 5 | 4 51 | 26 0 | 3 33 | 3 21 | 1 34 | 4 4 | 5 2 | 18 50 | 0 33 | 0 38 | 1 34 | 2 49 | 2 26 | 12 2 | 0 34 | 1 58 | 1 18 | 21 20 | 4 26 | 20 18 | 20 26 | 26 5 | 12 39 | 0 52 |
| T 6 | 5 13 | 25 56 | 2 33 | 2 54 | 1 40 | 4 9 | 4 50 | 19 1 | 0 33 | 0 41 | 1 34 | 2 51 | 2 26 | 12 1 | 0 34 | 1 59 | 1 18 | 21 20 | 4 26 | 20 18 | 20 27 | 26 5 | 12 42 | 0 52 |
| W 7 | 5 36 | 24 11 | 1 25 | 2 23 | 1 45 | 4 13 | 4 39 | 19 12 | 0 34 | 0 44 | 1 34 | 2 52 | 2 26 | 12 1 | 0 34 | 1 59 | 1 18 | 21 19 | 4 26 | 20 18 | 20 27 | 26 5 | 12 44 | 0 52 |
| T 8 | 5 59 | 20 58 | 0 12 | 1 50 | 1 49 | 4 17 | 4 28 | 19 23 | 0 35 | 0 47 | 1 34 | 2 54 | 2 26 | 12 0 | 0 34 | 2 0 | 1 18 | 21 19 | 4 26 | 20 18 | 20 28 | 26 5 | 12 47 | 0 53 |
| F 9 | 6 22 | 16 38 | 1n 0 | 1 15 | 1 52 | 4 19 | 4 16 | 19 33 | 0 35 | 0 50 | 1 34 | 2 56 | 2 26 | 11 59 | 0 34 | 2 1 | 1 18 | 21 19 | 4 27 | 20 18 | 20 29 | 26 5 | 12 49 | 0 53 |
| S 10 | 6 44 | 11 32 | 2 7 | 0 38 | 1 54 | 4 21 | 4 5 | 19 44 | 0 36 | 0 52 | 1 34 | 2 57 | 2 26 | 11 58 | 0 34 | 2 2 | 1 18 | 21 19 | 4 27 | 20 19 | 20 29 | 26 5 | 12 52 | 0 53 |
| S 11 | 7 7 | 5 59 | 3 7 | 0s 0 | 1 55 | 4 22 | 3 54 | 19 54 | 0 36 | 0 55 | 1 34 | 2 59 | 2 26 | 11 57 | 0 34 | 2 3 | 1 18 | 21 19 | 4 27 | 20 20 | 20 30 | 26 5 | 12 54 | 0 54 |
| M12 | 7 29 | 0 15 | 3 55 | 0 40 | 1 55 | 4 22 | 3 43 | 20 4 | 0 37 | 0 58 | 1 34 | 3 0 | 2 26 | 11 57 | 0 34 | 2 4 | 1 18 | 21 19 | 4 27 | 20 21 | 20 31 | 26 5 | 12 57 | 0 54 |
| T 13 | 7 51 | 5n24 | 4 31 | 1 21 | 1 55 | 4 22 | 3 32 | 20 14 | 0 37 | 1 1 | 1 34 | 3 2 | 2 26 | 11 56 | 0 34 | 2 5 | 1 18 | 21 19 | 4 27 | 20 23 | 20 31 | 26 5 | 12 59 | 0 54 |
| W14 | 8 14 | 10 44 | 4 53 | 2 3 | 1 53 | 4 20 | 3 21 | 20 24 | 0 38 | 1 4 | 1 33 | 3 4 | 2 26 | 11 55 | 0 34 | 2 5 | 1 18 | 21 19 | 4 27 | 20 26 | 20 32 | 26 5 | 13 1 | 0 54 |
| T 15 | 8 36 | 15 32 | 5 0 | 2 46 | 1 51 | 4 18 | 3 11 | 20 34 | 0 38 | 1 6 | 1 33 | 3 5 | 2 26 | 11 54 | 0 34 | 2 6 | 1 18 | 21 19 | 4 28 | 20 29 | 20 32 | 26 5 | 13 4 | 0 55 |
| F 16 | 8 58 | 19 38 | 4 53 | 3 29 | 1 49 | 4 16 | 3 0 | 20 43 | 0 39 | 1 9 | 1 33 | 3 7 | 2 26 | 11 53 | 0 34 | 2 7 | 1 18 | 21 19 | 4 28 | 20 31 | 20 33 | 26 5 | 13 6 | 0 55 |
| S 17 | 9 19 | 22 50 | 4 32 | 4 13 | 1 46 | 4 12 | 2 50 | 20 53 | 0 40 | 1 11 | 1 33 | 3 8 | 2 26 | 11 53 | 0 34 | 2 8 | 1 18 | 21 19 | 4 28 | 20 34 | 20 34 | 26 5 | 13 9 | 0 55 |
| S 18 | 9 41 | 24 59 | 4 0 | 4 57 | 1 42 | 4 8 | 2 40 | 21 2 | 0 40 | 1 14 | 1 33 | 3 9 | 2 26 | 11 52 | 0 34 | 2 9 | 1 19 | 21 19 | 4 28 | 20 36 | 20 34 | 26 5 | 13 11 | 0 55 |
| M19 | 10 3 | 25 59 | 3 17 | 5 40 | 1 38 | 4 3 | 2 30 | 21 11 | 0 41 | 1 16 | 1 33 | 3 11 | 2 26 | 11 51 | 0 34 | 2 10 | 1 19 | 21 19 | 4 28 | 20 37 | 20 35 | 26 5 | 13 14 | 0 56 |
| T 20 | 10 24 | 25 49 | 2 26 | 6 24 | 1 33 | 3 57 | 2 20 | 21 20 | 0 41 | 1 19 | 1 33 | 3 12 | 2 25 | 11 50 | 0 34 | 2 10 | 1 19 | 21 19 | 4 28 | 20 38 | 20 36 | 26 5 | 13 16 | 0 56 |
| W21 | 10 45 | 24 27 | 1 29 | 7 8 | 1 29 | 3 51 | 2 10 | 21 29 | 0 42 | 1 21 | 1 33 | 3 14 | 2 25 | 11 49 | 0 34 | 2 11 | 1 19 | 21 19 | 4 29 | 20 39 | 20 36 | 26 5 | 13 19 | 0 56 |
| T 22 | 11 6 | 22 0 | 0 27 | 7 51 | 1 23 | 3 44 | 2 1 | 21 37 | 0 42 | 1 23 | 1 32 | 3 15 | 2 25 | 11 48 | 0 34 | 2 12 | 1 19 | 21 19 | 4 29 | 20 39 | 20 37 | 26 5 | 13 21 | 0 57 |
| F 23 | 11 27 | 18 32 | 0s37 | 8 34 | 1 18 | 3 37 | 1 51 | 21 45 | 0 43 | 1 26 | 1 32 | 3 16 | 2 25 | 11 48 | 0 34 | 2 13 | 1 19 | 21 19 | 4 29 | 20 39 | 20 37 | 26 5 | 13 24 | 0 57 |
| S 24 | 11 48 | 14 12 | 1 41 | 9 17 | 1 12 | 3 29 | 1 42 | 21 54 | 0 43 | 1 28 | 1 32 | 3 17 | 2 25 | 11 47 | 0 34 | 2 14 | 1 19 | 21 19 | 4 29 | 20 39 | 20 38 | 26 5 | 13 26 | 0 57 |
| S 25 | 12 9 | 9 9 | 2 41 | 9 59 | 1 6 | 3 20 | 1 33 | 22 1 | 0 44 | 1 30 | 1 32 | 3 19 | 2 25 | 11 46 | 0 34 | 2 14 | 1 19 | 21 19 | 4 29 | 20 39 | 20 39 | 26 5 | 13 29 | 0 57 |
| M26 | 12 29 | 3 32 | 3 35 | 10 40 | 1 0 | 3 10 | 1 24 | 22 9 | 0 44 | 1 32 | 1 32 | 3 20 | 2 25 | 11 45 | 0 34 | 2 15 | 1 19 | 21 19 | 4 30 | 20 40 | 20 39 | 26 5 | 13 31 | 0 58 |
| T 27 | 12 49 | 2s26 | 4 19 | 11 21 | 0 54 | 3 0 | 1 16 | 22 17 | 0 45 | 1 34 | 1 32 | 3 21 | 2 25 | 11 44 | 0 34 | 2 16 | 1 19 | 21 19 | 4 30 | 20 42 | 20 40 | 26 5 | 13 34 | 0 58 |
| W28 | 13 9 | 8 27 | 4 48 | 12 2 | 0 48 | 2 50 | 1 7 | 22 24 | 0 45 | 1 36 | 1 31 | 3 22 | 2 25 | 11 43 | 0 34 | 2 17 | 1 19 | 21 19 | 4 30 | 20 43 | 20 41 | 26 5 | 13 36 | 0 58 |
| T 29 | 13 29 | 14 13 | 5 1 | 12 42 | 0 41 | 2 39 | 0 59 | 22 31 | 0 46 | 1 37 | 1 31 | 3 23 | 2 24 | 11 43 | 0 34 | 2 18 | 1 19 | 21 19 | 4 30 | 20 46 | 20 41 | 26 5 | 13 38 | 0 59 |
| F 30 | 13 49 | 19 16 | 4 53 | 13 21 | 0 35 | 2 27 | 0 51 | 22 38 | 0 46 | 1 39 | 1 31 | 3 24 | 2 24 | 11 42 | 0 34 | 2 18 | 1 19 | 21 19 | 4 30 | 20 48 | 20 42 | 26 5 | 13 41 | 0 59 |
| S 31 | 14s 8 | 23s 9 | 4s26 | 13s59 | 0n28 | 2n15 | 0s43 | 22s45 | 0s47 | 1s41 | 1s31 | 3s25 | 2s24 | 11n41 | 0s34 | 2s19 | 1n19 | 21n19 | 4n31 | 20s50 | 20s42 | 26n 5 | 13s43 | 0n59 |

Julian Day Number = 2611429.5, Delta T = 10m31s
Ecliptic obliquity = 23°23'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'38, Lahiri = 29°58'40


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## NOVEMBER 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 43 4 | 8♏58'47 | 9♐31 | 10♏32 | 23♍31 | 11♐18 | 29°R12 | 26°R53 | 2°R11 | 8♎57 | 12♌34 | 26°R13 | 26♑58 | 18♊25 | 9♏45 | S 1 |
| M 2 | 2 47 0 | 9°58'36 | 24°23 | 12°10 | 24°22 | 12° 1 | 29♓ 7 | 26♓50 | 2♉ 8 | 8°59 | 12°35 | 26♑ 7 | 26°54 | 18°32 | 9°54 | M 2 |
| T 3 | 2 50 57 | 10°58'27 | 8♑59 | 13°48 | 25°13 | 12°44 | 29° 3 | 26°48 | 2° 6 | 9° 1 | 12°35 | 26° 4 | 26°51 | 18°39 | 10° 3 | T 3 |
| W 4 | 2 54 54 | 11°58'20 | 23°16 | 15°26 | 26° 6 | 13°28 | 28°59 | 26°45 | 2° 3 | 9° 3 | 12°35 | 26°D 3 | 26°48 | 18°45 | 10°11 | W 4 |
| T 5 | 2 58 50 | 12°58'14 | 7♒13 | 17° 2 | 26°59 | 14°11 | 28°55 | 26°43 | 2° 1 | 9° 5 | 12°35 | 26°R 3 | 26°45 | 18°52 | 10°20 | T 5 |
| F 6 | 3 2 47 | 13°58'10 | 20°49 | 18°39 | 27°53 | 14°55 | 28°52 | 26°40 | 1°59 | 9° 7 | 12°36 | 26° 3 | 26°42 | 18°59 | 10°28 | F 6 |
| S 7 | 3 6 43 | 14°58'07 | 4♓ 8 | 20°15 | 28°48 | 15°38 | 28°49 | 26°38 | 1°56 | 9° 9 | 12°36 | 26° 2 | 26°39 | 19° 5 | 10°37 | S 7 |
| S 8 | 3 10 40 | 15°58'06 | 17°10 | 21°50 | 29°43 | 16°22 | 28°45 | 26°36 | 1°54 | 9°11 | 12°36 | 25°58 | 26°35 | 19°12 | 10°46 | S 8 |
| M 9 | 3 14 36 | 16°58'06 | 29°58 | 23°25 | 0♎38 | 17° 6 | 28°42 | 26°34 | 1°52 | 9°12 | 12°36 | 25°51 | 26°32 | 19°19 | 10°54 | M 9 |
| T 10 | 3 18 33 | 17°58'08 | 12♈35 | 24°59 | 1°35 | 17°49 | 28°40 | 26°32 | 1°49 | 9°14 | 12°36 | 25°42 | 26°29 | 19°25 | 11° 3 | T 10 |
| W11 | 3 22 29 | 18°58'12 | 25° 1 | 26°33 | 2°32 | 18°33 | 28°37 | 26°30 | 1°47 | 9°16 | 12°36 | 25°30 | 26°26 | 19°32 | 11°11 | W11 |
| T 12 | 3 26 26 | 19°58'17 | 7♉18 | 28° 7 | 3°29 | 19°17 | 28°35 | 26°28 | 1°45 | 9°18 | 12°36 | 25°18 | 26°23 | 19°39 | 11°20 | T 12 |
| F 13 | 3 30 22 | 20°58'25 | 19°26 | 29°40 | 4°27 | 20° 1 | 28°33 | 26°26 | 1°42 | 9°20 | 12°R36 | 25° 5 | 26°19 | 19°45 | 11°28 | F 13 |
| S 14 | 3 34 19 | 21°58'34 | 1♊26 | 1♐13 | 5°26 | 20°45 | 28°31 | 26°25 | 1°40 | 9°21 | 12°36 | 24°54 | 26°16 | 19°52 | 11°37 | S 14 |
| S 15 | 3 38 16 | 22°58'45 | 13°20 | 2°46 | 6°25 | 21°29 | 28°29 | 26°23 | 1°38 | 9°23 | 12°36 | 24°45 | 26°13 | 19°59 | 11°45 | S 15 |
| M16 | 3 42 12 | 23°58'57 | 25° 9 | 4°18 | 7°24 | 22°13 | 28°27 | 26°22 | 1°36 | 9°25 | 12°36 | 24°38 | 26°10 | 20° 5 | 11°54 | M16 |
| T 17 | 3 46 9 | 24°59'12 | 6♋57 | 5°50 | 8°24 | 22°58 | 28°26 | 26°20 | 1°34 | 9°27 | 12°36 | 24°33 | 26° 7 | 20°12 | 12° 2 | T 17 |
| W18 | 3 50 5 | 25°59'29 | 18°45 | 7°21 | 9°24 | 23°42 | 28°25 | 26°19 | 1°31 | 9°28 | 12°36 | 24°32 | 26° 4 | 20°19 | 12°11 | W18 |
| T 19 | 3 54 2 | 26°59'47 | 0♌38 | 8°52 | 10°25 | 24°26 | 28°24 | 26°18 | 1°29 | 9°30 | 12°36 | 24°D32 | 26° 0 | 20°25 | 12°19 | T 19 |
| F 20 | 3 57 58 | 28° 0'07 | 12°42 | 10°23 | 11°26 | 25°11 | 28°23 | 26°17 | 1°27 | 9°32 | 12°35 | 24°32 | 25°57 | 20°32 | 12°28 | F 20 |
| S 21 | 4 1 55 | 29° 0'30 | 25° 0 | 11°54 | 12°28 | 25°55 | 28°23 | 26°16 | 1°25 | 9°33 | 12°35 | 24°R33 | 25°54 | 20°39 | 12°36 | S 21 |
| S 22 | 4 5 52 | 0♐ 0'54 | 7♍38 | 13°24 | 13°30 | 26°40 | 28°22 | 26°15 | 1°23 | 9°35 | 12°35 | 24°33 | 25°51 | 20°45 | 12°44 | S 22 |
| M23 | 4 9 48 | 1° 1'19 | 20°41 | 14°54 | 14°33 | 27°24 | 28°D22 | 26°14 | 1°21 | 9°36 | 12°35 | 24°31 | 25°48 | 20°52 | 12°53 | M23 |
| T 24 | 4 13 45 | 2° 1'47 | 4♎13 | 16°23 | 15°35 | 28° 9 | 28°22 | 26°14 | 1°19 | 9°38 | 12°35 | 24°27 | 25°45 | 20°59 | 13° 1 | T 24 |
| W25 | 4 17 41 | 3° 2'17 | 18°14 | 17°52 | 16°39 | 28°53 | 28°23 | 26°13 | 1°17 | 9°39 | 12°34 | 24°21 | 25°41 | 21° 5 | 13° 9 | W25 |
| T 26 | 4 21 38 | 4° 2'48 | 2♏44 | 19°21 | 17°42 | 29°38 | 28°23 | 26°13 | 1°15 | 9°41 | 12°34 | 24°13 | 25°38 | 21°12 | 13°18 | T 26 |
| F 27 | 4 25 34 | 5° 3'21 | 17°37 | 20°49 | 18°46 | 0♑23 | 28°24 | 26°13 | 1°13 | 9°42 | 12°34 | 24° 5 | 25°35 | 21°19 | 13°26 | F 27 |
| S 28 | 4 29 31 | 6° 3'56 | 2♐47 | 22°17 | 19°50 | 1° 8 | 28°25 | 26°12 | 1°11 | 9°44 | 12°33 | 23°58 | 25°32 | 21°25 | 13°34 | S 28 |
| S 29 | 4 33 27 | 7° 4'33 | 18° 2 | 23°44 | 20°55 | 1°53 | 28°26 | 26°D12 | 1° 9 | 9°45 | 12°33 | 23°52 | 25°29 | 21°32 | 13°42 | S 29 |
| M30 | 4 37 24 | 8♐ 5'10 | 3♑12 | 25♐11 | 21♎59 | 2♑38 | 28♓27 | 26♓12 | 1♉ 8 | 9♎46 | 12♌32 | 23♑48 | 25♑25 | 21♊39 | 13♏51 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s27 | 25s27 | 3s40 | 14s37 | 0n21 | 2n 2 | 0s35 | 22s51 | 0s47 | 1s42 | 1s31 | 3s26 | 2s24 | 11n40 | 0s34 | 2s20 | 1n19 | 21n19 | 4n31 | 20s52 | 20s43 | 26n 5 | 13s46 | 1n 0 |
| M 2 | 14 46 | 25 55 | 2 39 | 15 13 | 0 15 | 1 49 | 0 27 | 22 58 | 0 47 | 1 44 | 1 30 | 3 27 | 2 24 | 11 39 | 0 34 | 2 21 | 1 19 | 21 19 | 4 31 | 20 53 | 20 44 | 26 5 | 13 48 | 1 0 |
| T 3 | 15 5 | 24 34 | 1 29 | 15 49 | 0 8 | 1 35 | 0 20 | 23 4 | 0 48 | 1 45 | 1 30 | 3 28 | 2 24 | 11 39 | 0 34 | 2 21 | 1 19 | 21 19 | 4 31 | 20 53 | 20 44 | 26 5 | 13 51 | 1 0 |
| W 4 | 15 24 | 21 38 | 0 15 | 16 24 | 0 1 | 1 21 | 0 13 | 23 10 | 0 48 | 1 47 | 1 30 | 3 29 | 2 24 | 11 38 | 0 34 | 2 22 | 1 19 | 21 20 | 4 31 | 20 53 | 20 45 | 26 4 | 13 53 | 1 0 |
| T 5 | 15 42 | 17 29 | 0n59 | 16 59 | 0s 6 | 1 7 | 0 5 | 23 15 | 0 49 | 1 48 | 1 30 | 3 30 | 2 23 | 11 37 | 0 34 | 2 23 | 1 19 | 21 20 | 4 32 | 20 53 | 20 45 | 26 4 | 13 55 | 1 1 |
| F 6 | 16 0 | 12 30 | 2 7 | 17 32 | 0 13 | 0 52 | 0n 2 | 23 21 | 0 49 | 1 49 | 1 30 | 3 31 | 2 23 | 11 36 | 0 34 | 2 24 | 1 19 | 21 20 | 4 32 | 20 53 | 20 46 | 26 4 | 13 58 | 1 1 |
| S 7 | 16 17 | 7 4 | 3 7 | 18 4 | 0 19 | 0 36 | 0 8 | 23 26 | 0 50 | 1 50 | 1 29 | 3 32 | 2 23 | 11 35 | 0 34 | 2 24 | 1 19 | 21 20 | 4 32 | 20 54 | 20 47 | 26 4 | 14 0 | 1 1 |
| S 8 | 16 35 | 1 26 | 3 56 | 18 36 | 0 26 | 0 21 | 0 15 | 23 31 | 0 50 | 1 51 | 1 29 | 3 32 | 2 23 | 11 35 | 0 34 | 2 25 | 1 19 | 21 20 | 4 32 | 20 54 | 20 47 | 26 4 | 14 2 | 1 2 |
| M 9 | 16 52 | 4n 9 | 4 32 | 19 7 | 0 33 | 0 4 | 0 21 | 23 36 | 0 51 | 1 52 | 1 29 | 3 33 | 2 23 | 11 34 | 0 34 | 2 26 | 1 19 | 21 20 | 4 32 | 20 56 | 20 48 | 26 4 | 14 5 | 1 2 |
| T 10 | 17 9 | 9 29 | 4 55 | 19 36 | 0 39 | 0s12 | 0 28 | 23 40 | 0 51 | 1 53 | 1 29 | 3 34 | 2 23 | 11 33 | 0 34 | 2 26 | 1 19 | 21 20 | 4 32 | 20 57 | 20 48 | 26 4 | 14 7 | 1 2 |
| W11 | 17 25 | 14 21 | 5 2 | 20 5 | 0 46 | 0 29 | 0 34 | 23 45 | 0 51 | 1 54 | 1 28 | 3 34 | 2 22 | 11 32 | 0 34 | 2 27 | 1 19 | 21 21 | 4 33 | 20 59 | 20 49 | 26 3 | 14 10 | 1 3 |
| T 12 | 17 42 | 18 34 | 4 56 | 20 32 | 0 52 | 0 47 | 0 40 | 23 49 | 0 52 | 1 55 | 1 28 | 3 35 | 2 22 | 11 31 | 0 34 | 2 28 | 1 19 | 21 21 | 4 33 | 21 2 | 20 50 | 26 3 | 14 12 | 1 3 |
| F 13 | 17 57 | 21 58 | 4 36 | 20 59 | 0 58 | 1 4 | 0 45 | 23 53 | 0 52 | 1 55 | 1 28 | 3 35 | 2 22 | 11 31 | 0 34 | 2 28 | 1 19 | 21 21 | 4 33 | 21 4 | 20 50 | 26 3 | 14 14 | 1 3 |
| S 14 | 18 13 | 24 23 | 4 4 | 21 25 | 1 5 | 1 22 | 0 51 | 23 56 | 0 53 | 1 56 | 1 28 | 3 36 | 2 22 | 11 30 | 0 34 | 2 29 | 1 19 | 21 21 | 4 33 | 21 6 | 20 51 | 26 3 | 14 17 | 1 4 |
| S 15 | 18 28 | 25 41 | 3 21 | 21 49 | 1 11 | 1 41 | 0 56 | 23 59 | 0 53 | 1 56 | 1 27 | 3 36 | 2 22 | 11 29 | 0 34 | 2 30 | 1 19 | 21 21 | 4 33 | 21 8 | 20 51 | 26 3 | 14 19 | 1 4 |
| M16 | 18 43 | 25 48 | 2 30 | 22 13 | 1 17 | 1 59 | 1 2 | 24 3 | 0 53 | 1 57 | 1 27 | 3 37 | 2 22 | 11 28 | 0 34 | 2 30 | 1 19 | 21 21 | 4 34 | 21 9 | 20 52 | 26 2 | 14 21 | 1 4 |
| T 17 | 18 58 | 24 45 | 1 33 | 22 35 | 1 22 | 2 18 | 1 7 | 24 5 | 0 54 | 1 57 | 1 27 | 3 37 | 2 21 | 11 28 | 0 34 | 2 31 | 1 19 | 21 22 | 4 34 | 21 10 | 20 53 | 26 2 | 14 23 | 1 4 |
| W18 | 19 12 | 22 35 | 0 31 | 22 56 | 1 28 | 2 37 | 1 12 | 24 8 | 0 54 | 1 57 | 1 27 | 3 37 | 2 21 | 11 27 | 0 34 | 2 32 | 1 19 | 21 22 | 4 34 | 21 10 | 20 53 | 26 2 | 14 26 | 1 5 |
| T 19 | 19 26 | 19 26 | 0s33 | 23 16 | 1 34 | 2 57 | 1 16 | 24 10 | 0 54 | 1 58 | 1 26 | 3 38 | 2 21 | 11 26 | 0 34 | 2 32 | 1 19 | 21 22 | 4 34 | 21 10 | 20 54 | 26 2 | 14 28 | 1 5 |
| F 20 | 19 40 | 15 25 | 1 36 | 23 35 | 1 39 | 3 16 | 1 21 | 24 13 | 0 55 | 1 58 | 1 26 | 3 38 | 2 21 | 11 25 | 0 34 | 2 33 | 1 20 | 21 22 | 4 34 | 21 10 | 20 54 | 26 2 | 14 30 | 1 5 |
| S 21 | 19 53 | 10 42 | 2 36 | 23 53 | 1 44 | 3 36 | 1 25 | 24 14 | 0 55 | 1 58 | 1 26 | 3 38 | 2 21 | 11 25 | 0 34 | 2 33 | 1 20 | 21 23 | 4 35 | 21 10 | 20 55 | 26 1 | 14 32 | 1 6 |
| S 22 | 20 6 | 5 26 | 3 30 | 24 9 | 1 49 | 3 56 | 1 30 | 24 16 | 0 56 | 1 57 | 1 26 | 3 38 | 2 20 | 11 24 | 0 34 | 2 34 | 1 20 | 21 23 | 4 35 | 21 10 | 20 56 | 26 1 | 14 35 | 1 6 |
| M23 | 20 19 | 0s14 | 4 16 | 24 25 | 1 54 | 4 17 | 1 34 | 24 17 | 0 56 | 1 57 | 1 25 | 3 38 | 2 20 | 11 23 | 0 34 | 2 35 | 1 20 | 21 23 | 4 35 | 21 10 | 20 56 | 26 1 | 14 37 | 1 6 |
| T 24 | 20 31 | 6 5 | 4 48 | 24 39 | 1 58 | 4 37 | 1 38 | 24 18 | 0 56 | 1 57 | 1 25 | 3 38 | 2 20 | 11 23 | 0 34 | 2 35 | 1 20 | 21 23 | 4 35 | 21 11 | 20 57 | 26 1 | 14 39 | 1 7 |
| W25 | 20 43 | 11 50 | 5 5 | 24 52 | 2 2 | 4 58 | 1 42 | 24 19 | 0 57 | 1 57 | 1 25 | 3 38 | 2 20 | 11 22 | 0 34 | 2 36 | 1 20 | 21 24 | 4 35 | 21 12 | 20 57 | 26 0 | 14 41 | 1 7 |
| T 26 | 20 54 | 17 9 | 5 4 | 25 3 | 2 6 | 5 19 | 1 45 | 24 20 | 0 57 | 1 56 | 1 25 | 3 38 | 2 20 | 11 21 | 0 34 | 2 36 | 1 20 | 21 24 | 4 35 | 21 13 | 20 58 | 26 0 | 14 43 | 1 7 |
| F 27 | 21 5 | 21 33 | 4 42 | 25 14 | 2 10 | 5 39 | 1 49 | 24 20 | 0 57 | 1 56 | 1 24 | 3 38 | 2 19 | 11 21 | 0 34 | 2 37 | 1 20 | 21 24 | 4 36 | 21 15 | 20 59 | 26 0 | 14 45 | 1 8 |
| S 28 | 21 16 | 24 35 | 4 0 | 25 23 | 2 13 | 6 1 | 1 52 | 24 20 | 0 58 | 1 55 | 1 24 | 3 38 | 2 19 | 11 20 | 0 34 | 2 37 | 1 20 | 21 24 | 4 36 | 21 16 | 20 59 | 25 59 | 14 47 | 1 8 |
| S 29 | 21 26 | 25 51 | 3 1 | 25 30 | 2 16 | 6 22 | 1 55 | 24 20 | 0 58 | 1 54 | 1 24 | 3 38 | 2 19 | 11 20 | 0 33 | 2 38 | 1 20 | 21 25 | 4 36 | 21 17 | 21 0 | 25 59 | 14 50 | 1 9 |
| M30 | 21s36 | 25s10 | 1s49 | 25s37 | 2s19 | 6s43 | 1n58 | 24s20 | 0s58 | 1s54 | 1s24 | 3s38 | 2s19 | 11n19 | 0s33 | 2s38 | 1n20 | 21n25 | 4n36 | 21s18 | 21s 0 | 25n59 | 14s52 | 1n 9 |

Julian Day Number = 2611460.5, Delta T = 10m31s
Ecliptic obliquity = 23°23'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'43, Lahiri = 29°58'44


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# ASTRODIENST EPHEMERIS for the year 2437
# geocentric

## DECEMBER 2437 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 41 21 | 9♐ 5'49 | 18♑ 8 | 26♐37 | 23♎ 4 | 3♑23 | 28♓29 | 26♓13 | 1°R 6 | 9♎48 | 12°R32 | 23°D46 | 25♑22 | 21♊45 | 13♏59 | T 1 |
| W 2 | 4 45 17 | 10° 6'30 | 2♒43 | 28° 2 | 24°10 | 4° 8 | 28°30 | 26°13 | 1♉ 4 | 9°49 | 12♌31 | 23♑46 | 25°19 | 21°52 | 14° 7 | W 2 |
| T 3 | 4 49 14 | 11° 7'11 | 16°53 | 29°27 | 25°15 | 4°53 | 28°32 | 26°13 | 1° 2 | 9°50 | 12°31 | 23°47 | 25°16 | 21°59 | 14°15 | T 3 |
| F 4 | 4 53 10 | 12° 7'53 | 0♓38 | 0♑51 | 26°21 | 5°39 | 28°35 | 26°14 | 1° 1 | 9°52 | 12°30 | 23°49 | 25°13 | 22° 5 | 14°23 | F 4 |
| S 5 | 4 57 7 | 13° 8'36 | 13°59 | 2°13 | 27°27 | 6°24 | 28°37 | 26°14 | 0°59 | 9°53 | 12°30 | 23°R49 | 25°10 | 22°12 | 14°31 | S 5 |
| S 6 | 5 1 3 | 14° 9'20 | 26°58 | 3°34 | 28°34 | 7° 9 | 28°39 | 26°15 | 0°57 | 9°54 | 12°29 | 23°48 | 25° 6 | 22°19 | 14°39 | S 6 |
| M 7 | 5 5 0 | 15°10'05 | 9♈39 | 4°54 | 29°40 | 7°55 | 28°42 | 26°16 | 0°56 | 9°55 | 12°29 | 23°46 | 25° 3 | 22°25 | 14°46 | M 7 |
| T 8 | 5 8 56 | 16°10'51 | 22° 5 | 6°13 | 0♏47 | 8°40 | 28°45 | 26°17 | 0°54 | 9°56 | 12°28 | 23°41 | 25° 0 | 22°32 | 14°54 | T 8 |
| W 9 | 5 12 53 | 17°11'38 | 4♉19 | 7°29 | 1°54 | 9°25 | 28°48 | 26°18 | 0°53 | 9°58 | 12°27 | 23°35 | 24°57 | 22°39 | 15° 2 | W 9 |
| T 10 | 5 16 50 | 18°12'26 | 16°23 | 8°44 | 3° 2 | 10°11 | 28°52 | 26°19 | 0°51 | 9°59 | 12°27 | 23°29 | 24°54 | 22°45 | 15°10 | T 10 |
| F 11 | 5 20 46 | 19°13'15 | 28°21 | 9°55 | 4° 9 | 10°57 | 28°55 | 26°20 | 0°50 | 10° 0 | 12°26 | 23°22 | 24°51 | 22°52 | 15°18 | F 11 |
| S 12 | 5 24 43 | 20°14'05 | 10♊14 | 11° 5 | 5°17 | 11°42 | 28°59 | 26°21 | 0°49 | 10° 1 | 12°25 | 23°16 | 24°47 | 22°59 | 15°25 | S 12 |
| S 13 | 5 28 39 | 21°14'56 | 22° 5 | 12°10 | 6°25 | 12°28 | 29° 3 | 26°23 | 0°47 | 10° 2 | 12°24 | 23°11 | 24°44 | 23° 5 | 15°33 | S 13 |
| M14 | 5 32 36 | 22°15'48 | 3♋53 | 13°12 | 7°33 | 13°14 | 29° 7 | 26°24 | 0°46 | 10° 3 | 12°24 | 23° 7 | 24°41 | 23°12 | 15°40 | M14 |
| T 15 | 5 36 32 | 23°16'42 | 15°43 | 14°10 | 8°41 | 13°59 | 29°11 | 26°26 | 0°45 | 10° 4 | 12°23 | 23° 6 | 24°38 | 23°19 | 15°48 | T 15 |
| W16 | 5 40 29 | 24°17'36 | 27°35 | 15° 3 | 9°50 | 14°45 | 29°16 | 26°27 | 0°44 | 10° 4 | 12°22 | 23°D 5 | 24°35 | 23°25 | 15°55 | W16 |
| T 17 | 5 44 25 | 25°18'31 | 9♌33 | 15°50 | 10°59 | 15°31 | 29°20 | 26°29 | 0°43 | 10° 5 | 12°21 | 23° 6 | 24°31 | 23°32 | 16° 3 | T 17 |
| F 18 | 5 48 22 | 26°19'27 | 21°41 | 16°31 | 12° 7 | 16°17 | 29°25 | 26°31 | 0°42 | 10° 6 | 12°20 | 23° 8 | 24°28 | 23°39 | 16°10 | F 18 |
| S 19 | 5 52 19 | 27°20'25 | 4♍ 1 | 17° 5 | 13°17 | 17° 3 | 29°30 | 26°33 | 0°40 | 10° 7 | 12°19 | 23°10 | 24°25 | 23°45 | 16°17 | S 19 |
| S 20 | 5 56 15 | 28°21'23 | 16°38 | 17°30 | 14°26 | 17°49 | 29°36 | 26°35 | 0°39 | 10° 8 | 12°18 | 23°11 | 24°22 | 23°52 | 16°25 | S 20 |
| M21 | 6 0 12 | 29°22'23 | 29°36 | 17°47 | 15°35 | 18°35 | 29°41 | 26°38 | 0°39 | 10° 8 | 12°18 | 23°R12 | 24°19 | 23°59 | 16°32 | M21 |
| T 22 | 6 4 8 | 0♑23'23 | 12♎59 | 17°R54 | 16°45 | 19°21 | 29°47 | 26°40 | 0°38 | 10° 9 | 12°17 | 23°11 | 24°16 | 24° 5 | 16°39 | T 22 |
| W23 | 6 8 5 | 1°24'25 | 26°48 | 17°50 | 17°54 | 20° 8 | 29°52 | 26°42 | 0°37 | 10°10 | 12°16 | 23°10 | 24°12 | 24°12 | 16°46 | W23 |
| T 24 | 6 12 1 | 2°25'28 | 11♏ 4 | 17°35 | 19° 4 | 20°54 | 29°58 | 26°45 | 0°36 | 10°10 | 12°15 | 23° 7 | 24° 9 | 24°19 | 16°53 | T 24 |
| F 25 | 6 15 58 | 3°26'31 | 25°45 | 17° 8 | 20°14 | 21°40 | 0♈ 5 | 26°48 | 0°35 | 10°11 | 12°14 | 23° 4 | 24° 6 | 24°25 | 17° 0 | F 25 |
| S 26 | 6 19 54 | 4°27'36 | 10♐46 | 16°30 | 21°24 | 22°26 | 0°11 | 26°50 | 0°34 | 10°12 | 12°13 | 23° 2 | 24° 3 | 24°32 | 17° 7 | S 26 |
| S 27 | 6 23 51 | 5°28'41 | 25°58 | 15°41 | 22°35 | 23°13 | 0°17 | 26°53 | 0°34 | 10°12 | 12°12 | 23° 0 | 24° 0 | 24°39 | 17°13 | S 27 |
| M28 | 6 27 48 | 6°29'47 | 11♑11 | 14°41 | 23°45 | 23°59 | 0°24 | 26°56 | 0°33 | 10°13 | 12°11 | 22°59 | 23°57 | 24°45 | 17°20 | M28 |
| T 29 | 6 31 44 | 7°30'53 | 26°16 | 13°32 | 24°56 | 24°45 | 0°31 | 26°59 | 0°33 | 10°13 | 12°10 | 22°D58 | 23°53 | 24°52 | 17°27 | T 29 |
| W30 | 6 35 41 | 8°32'00 | 11♒ 4 | 12°16 | 26° 6 | 25°32 | 0°38 | 27° 2 | 0°32 | 10°14 | 12° 8 | 22°59 | 23°50 | 24°59 | 17°33 | W30 |
| T 31 | 6 39 37 | 9♑33'07 | 25♒29 | 10♑56 | 27♏17 | 26♑18 | 0♈45 | 27♓ 5 | 0♉32 | 10♎14 | 12♌ 7 | 23♑ 0 | 23♑47 | 25♊ 5 | 17♏40 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s46 | 22s40 | 0s30 | 25s42 | 2s21 | 7s 4 | 2n 1 | 24s19 | 0s59 | 1s53 | 1s23 | 3s37 | 2s19 | 11n18 | 0s33 | 2s39 | 1n20 | 21n25 | 4n36 | 21s18 | 21s 1 | 25n59 | 14s54 | 1n 9 |
| W 2 | 21 55 | 18 43 | 0n48 | 25 45 | 2 23 | 7 26 | 2 4 | 24 18 | 0 59 | 1 52 | 1 23 | 3 37 | 2 18 | 11 18 | 0 33 | 2 39 | 1 20 | 21 26 | 4 37 | 21 18 | 21 1 | 25 58 | 14 56 | 1 10 |
| T 3 | 22 3 | 13 48 | 2 2 | 25 48 | 2 25 | 7 47 | 2 7 | 24 17 | 0 59 | 1 51 | 1 23 | 3 37 | 2 18 | 11 17 | 0 33 | 2 40 | 1 20 | 21 26 | 4 37 | 21 18 | 21 2 | 25 58 | 14 58 | 1 10 |
| F 4 | 22 12 | 8 19 | 3 7 | 25 48 | 2 26 | 8 8 | 2 9 | 24 15 | 0 59 | 1 50 | 1 23 | 3 36 | 2 18 | 11 17 | 0 33 | 2 40 | 1 20 | 21 26 | 4 37 | 21 17 | 21 3 | 25 58 | 15 0 | 1 10 |
| S 5 | 22 19 | 2 36 | 3 59 | 25 48 | 2 26 | 8 30 | 2 11 | 24 13 | 1 0 | 1 49 | 1 22 | 3 36 | 2 18 | 11 16 | 0 33 | 2 41 | 1 20 | 21 27 | 4 37 | 21 17 | 21 3 | 25 57 | 15 2 | 1 11 |
| S 6 | 22 27 | 3n 3 | 4 38 | 25 46 | 2 26 | 8 51 | 2 14 | 24 11 | 1 0 | 1 47 | 1 22 | 3 36 | 2 18 | 11 16 | 0 33 | 2 41 | 1 20 | 21 27 | 4 37 | 21 18 | 21 4 | 25 57 | 15 4 | 1 11 |
| M 7 | 22 34 | 8 26 | 5 1 | 25 43 | 2 26 | 9 13 | 2 16 | 24 9 | 1 0 | 1 46 | 1 22 | 3 35 | 2 17 | 11 15 | 0 33 | 2 41 | 1 20 | 21 27 | 4 37 | 21 18 | 21 4 | 25 57 | 15 6 | 1 11 |
| T 8 | 22 40 | 13 23 | 5 11 | 25 39 | 2 25 | 9 34 | 2 17 | 24 6 | 1 0 | 1 45 | 1 22 | 3 35 | 2 17 | 11 15 | 0 33 | 2 42 | 1 20 | 21 28 | 4 38 | 21 19 | 21 5 | 25 56 | 15 8 | 1 12 |
| W 9 | 22 46 | 17 43 | 5 5 | 25 33 | 2 23 | 9 56 | 2 19 | 24 4 | 1 1 | 1 43 | 1 21 | 3 34 | 2 17 | 11 14 | 0 33 | 2 42 | 1 20 | 21 28 | 4 38 | 21 20 | 21 5 | 25 56 | 15 10 | 1 12 |
| T 10 | 22 52 | 21 16 | 4 47 | 25 26 | 2 20 | 10 17 | 2 21 | 24 0 | 1 1 | 1 41 | 1 21 | 3 33 | 2 17 | 11 14 | 0 33 | 2 43 | 1 20 | 21 28 | 4 38 | 21 21 | 21 6 | 25 55 | 15 11 | 1 12 |
| F 11 | 22 57 | 23 54 | 4 15 | 25 18 | 2 17 | 10 38 | 2 22 | 23 57 | 1 1 | 1 40 | 1 21 | 3 33 | 2 17 | 11 13 | 0 33 | 2 43 | 1 20 | 21 29 | 4 38 | 21 22 | 21 7 | 25 55 | 15 13 | 1 13 |
| S 12 | 23 1 | 25 27 | 3 33 | 25 8 | 2 13 | 11 0 | 2 24 | 23 53 | 1 1 | 1 38 | 1 20 | 3 32 | 2 16 | 11 13 | 0 33 | 2 43 | 1 20 | 21 29 | 4 38 | 21 23 | 21 7 | 25 55 | 15 15 | 1 13 |
| S 13 | 23 6 | 25 50 | 2 42 | 24 57 | 2 8 | 11 21 | 2 25 | 23 49 | 1 2 | 1 36 | 1 20 | 3 31 | 2 16 | 11 12 | 0 33 | 2 44 | 1 21 | 21 30 | 4 39 | 21 24 | 21 8 | 25 54 | 15 17 | 1 14 |
| M14 | 23 9 | 25 3 | 1 43 | 24 46 | 2 3 | 11 42 | 2 26 | 23 45 | 1 2 | 1 34 | 1 20 | 3 30 | 2 16 | 11 12 | 0 33 | 2 44 | 1 21 | 21 30 | 4 39 | 21 24 | 21 8 | 25 54 | 15 19 | 1 14 |
| T 15 | 23 13 | 23 8 | 0 40 | 24 33 | 1 56 | 12 3 | 2 27 | 23 41 | 1 2 | 1 32 | 1 20 | 3 30 | 2 16 | 11 11 | 0 33 | 2 44 | 1 21 | 21 30 | 4 39 | 21 25 | 21 9 | 25 53 | 15 21 | 1 14 |
| W16 | 23 16 | 20 12 | 0s25 | 24 20 | 1 48 | 12 23 | 2 28 | 23 36 | 1 2 | 1 30 | 1 19 | 3 29 | 2 16 | 11 11 | 0 33 | 2 45 | 1 21 | 21 31 | 4 39 | 21 25 | 21 9 | 25 53 | 15 22 | 1 15 |
| T 17 | 23 18 | 16 23 | 1 29 | 24 5 | 1 39 | 12 44 | 2 28 | 23 31 | 1 3 | 1 28 | 1 19 | 3 28 | 2 15 | 11 11 | 0 33 | 2 45 | 1 21 | 21 31 | 4 39 | 21 25 | 21 10 | 25 53 | 15 24 | 1 15 |
| F 18 | 23 20 | 11 52 | 2 31 | 23 50 | 1 29 | 13 5 | 2 29 | 23 26 | 1 3 | 1 26 | 1 19 | 3 27 | 2 15 | 11 10 | 0 33 | 2 45 | 1 21 | 21 32 | 4 39 | 21 24 | 21 11 | 25 52 | 15 26 | 1 16 |
| S 19 | 23 21 | 6 48 | 3 27 | 23 35 | 1 18 | 13 25 | 2 29 | 23 20 | 1 3 | 1 24 | 1 19 | 3 26 | 2 15 | 11 10 | 0 33 | 2 45 | 1 21 | 21 32 | 4 40 | 21 24 | 21 11 | 25 52 | 15 27 | 1 16 |
| S 20 | 23 22 | 1 22 | 4 14 | 23 19 | 1 5 | 13 45 | 2 30 | 23 15 | 1 3 | 1 22 | 1 18 | 3 25 | 2 15 | 11 10 | 0 33 | 2 46 | 1 21 | 21 32 | 4 40 | 21 24 | 21 12 | 25 51 | 15 29 | 1 16 |
| M21 | 23 23 | 4s16 | 4 49 | 23 3 | 0 51 | 14 5 | 2 30 | 23 9 | 1 3 | 1 19 | 1 18 | 3 24 | 2 15 | 11 9 | 0 33 | 2 46 | 1 21 | 21 33 | 4 40 | 21 24 | 21 12 | 25 51 | 15 31 | 1 17 |
| T 22 | 23 23 | 9 53 | 5 11 | 22 47 | 0 36 | 14 24 | 2 30 | 23 2 | 1 4 | 1 17 | 1 18 | 3 23 | 2 14 | 11 9 | 0 33 | 2 46 | 1 21 | 21 33 | 4 40 | 21 24 | 21 13 | 25 50 | 15 32 | 1 17 |
| W23 | 23 23 | 15 12 | 5 15 | 22 31 | 0 20 | 14 44 | 2 30 | 22 56 | 1 4 | 1 14 | 1 18 | 3 22 | 2 14 | 11 9 | 0 33 | 2 46 | 1 21 | 21 34 | 4 40 | 21 24 | 21 13 | 25 50 | 15 34 | 1 18 |
| T 24 | 23 22 | 19 52 | 5 0 | 22 16 | 0 2 | 15 3 | 2 30 | 22 49 | 1 4 | 1 12 | 1 17 | 3 20 | 2 14 | 11 9 | 0 33 | 2 47 | 1 21 | 21 34 | 4 40 | 21 24 | 21 14 | 25 49 | 15 36 | 1 18 |
| F 25 | 23 20 | 23 27 | 4 26 | 22 1 | 0n17 | 15 22 | 2 29 | 22 42 | 1 4 | 1 9 | 1 17 | 3 19 | 2 14 | 11 8 | 0 33 | 2 47 | 1 21 | 21 34 | 4 40 | 21 25 | 21 14 | 25 49 | 15 37 | 1 18 |
| S 26 | 23 18 | 25 31 | 3 33 | 21 46 | 0 36 | 15 40 | 2 29 | 22 35 | 1 4 | 1 6 | 1 17 | 3 18 | 2 14 | 11 8 | 0 33 | 2 47 | 1 21 | 21 35 | 4 41 | 21 25 | 21 15 | 25 48 | 15 39 | 1 19 |
| S 27 | 23 16 | 25 43 | 2 24 | 21 32 | 0 56 | 15 59 | 2 29 | 22 27 | 1 4 | 1 4 | 1 17 | 3 17 | 2 13 | 11 8 | 0 33 | 2 47 | 1 21 | 21 35 | 4 41 | 21 26 | 21 16 | 25 48 | 15 40 | 1 19 |
| M28 | 23 13 | 23 59 | 1 5 | 21 19 | 1 16 | 16 17 | 2 28 | 22 19 | 1 5 | 1 1 | 1 17 | 3 15 | 2 13 | 11 8 | 0 33 | 2 47 | 1 21 | 21 36 | 4 41 | 21 26 | 21 16 | 25 48 | 15 42 | 1 20 |
| T 29 | 23 10 | 20 33 | 0n18 | 21 7 | 1 35 | 16 34 | 2 27 | 22 11 | 1 5 | 0 58 | 1 16 | 3 14 | 2 13 | 11 8 | 0 33 | 2 47 | 1 21 | 21 36 | 4 41 | 21 26 | 21 17 | 25 47 | 15 43 | 1 20 |
| W30 | 23 7 | 15 50 | 1 39 | 20 56 | 1 54 | 16 52 | 2 26 | 22 3 | 1 5 | 0 55 | 1 16 | 3 12 | 2 13 | 11 7 | 0 33 | 2 47 | 1 21 | 21 37 | 4 41 | 21 26 | 21 17 | 25 46 | 15 45 | 1 20 |
| T 31 | 23s 2 | 10s19 | 2n51 | 20s45 | 2n11 | 17s 9 | 2n26 | 21s54 | 1s 5 | 0s52 | 1s16 | 3s11 | 2s13 | 11n 7 | 0s33 | 2s48 | 1n21 | 21n37 | 4n41 | 21s26 | 21s18 | 25n46 | 15s46 | 1n21 |

Julian Day Number = 2611490.5, Delta T = 10m32s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'47, Lahiri = 29°58'48


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## JANUARY 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 43 34 | 10♑34'14 | 9♓28 | 9°R33 | 28♏28 | 27♑ 5 | 0♈52 | 27♓ 9 | 0°R31 | 10♎14 | 12°R 6 | 23♑ 1 | 23♑44 | 25♊12 | 17♏46 | F 1 |
| S 2 | 6 47 30 | 11°35'21 | 22°59 | 8♑12 | 29°39 | 27°52 | 1° 0 | 27°12 | 0♉31 | 10°15 | 12♌ 5 | 23° 2 | 23°41 | 25°19 | 17°53 | S 2 |
| S 3 | 6 51 27 | 12°36'28 | 6♈ 4 | 6°53 | 0♐50 | 28°38 | 1° 7 | 27°16 | 0°31 | 10°15 | 12° 4 | 23° 3 | 23°37 | 25°25 | 17°59 | S 3 |
| M 4 | 6 55 24 | 13°37'35 | 18°47 | 5°41 | 2° 1 | 29°25 | 1°15 | 27°19 | 0°30 | 10°15 | 12° 3 | 23°R 3 | 23°34 | 25°32 | 18° 5 | M 4 |
| T 5 | 6 59 20 | 14°38'42 | 1♉10 | 4°36 | 3°12 | 0♒12 | 1°23 | 27°23 | 0°30 | 10°15 | 12° 2 | 23° 2 | 23°31 | 25°39 | 18°11 | T 5 |
| W 6 | 7 3 17 | 15°39'49 | 13°20 | 3°41 | 4°24 | 0°58 | 1°31 | 27°27 | 0°30 | 10°16 | 12° 0 | 23° 1 | 23°28 | 25°45 | 18°17 | W 6 |
| T 7 | 7 7 13 | 16°40'56 | 25°18 | 2°55 | 5°35 | 1°45 | 1°39 | 27°31 | 0°30 | 10°16 | 11°59 | 23° 0 | 23°25 | 25°52 | 18°23 | T 7 |
| F 8 | 7 11 10 | 17°42'03 | 7♊10 | 2°20 | 6°47 | 2°32 | 1°48 | 27°35 | 0°D30 | 10°16 | 11°58 | 23° 0 | 23°22 | 25°59 | 18°29 | F 8 |
| S 9 | 7 15 6 | 18°43'10 | 18°59 | 1°55 | 7°58 | 3°19 | 1°56 | 27°39 | 0°30 | 10°16 | 11°57 | 22°59 | 23°18 | 26° 5 | 18°35 | S 9 |
| S 10 | 7 19 3 | 19°44'17 | 0♋48 | 1°40 | 9°10 | 4° 5 | 2° 5 | 27°43 | 0°30 | 10°16 | 11°56 | 22°59 | 23°15 | 26°12 | 18°41 | S 10 |
| M11 | 7 22 59 | 20°45'24 | 12°39 | 1°D35 | 10°22 | 4°52 | 2°14 | 27°47 | 0°30 | 10°R16 | 11°54 | 22°58 | 23°12 | 26°19 | 18°46 | M11 |
| T 12 | 7 26 56 | 21°46'31 | 24°34 | 1°39 | 11°34 | 5°39 | 2°22 | 27°51 | 0°30 | 10°16 | 11°53 | 22°D58 | 23° 9 | 26°25 | 18°52 | T 12 |
| W13 | 7 30 53 | 22°47'37 | 6♌35 | 1°52 | 12°46 | 6°26 | 2°32 | 27°56 | 0°31 | 10°16 | 11°52 | 22°R58 | 23° 6 | 26°32 | 18°57 | W13 |
| T 14 | 7 34 49 | 23°48'44 | 18°45 | 2°12 | 13°58 | 7°13 | 2°41 | 28° 0 | 0°31 | 10°16 | 11°50 | 22°58 | 23° 3 | 26°39 | 19° 3 | T 14 |
| F 15 | 7 38 46 | 24°49'51 | 1♍ 4 | 2°39 | 15°10 | 8° 0 | 2°50 | 28° 5 | 0°31 | 10°16 | 11°49 | 22°58 | 22°59 | 26°45 | 19° 8 | F 15 |
| S 16 | 7 42 42 | 25°50'57 | 13°36 | 3°12 | 16°22 | 8°47 | 3° 0 | 28° 9 | 0°31 | 10°16 | 11°48 | 22°58 | 22°56 | 26°52 | 19°13 | S 16 |
| S 17 | 7 46 39 | 26°52'04 | 26°21 | 3°51 | 17°34 | 9°34 | 3° 9 | 28°14 | 0°32 | 10°15 | 11°47 | 22°57 | 22°53 | 26°59 | 19°18 | S 17 |
| M18 | 7 50 35 | 27°53'11 | 9♎23 | 4°36 | 18°47 | 10°21 | 3°19 | 28°19 | 0°32 | 10°15 | 11°45 | 22°57 | 22°50 | 27° 5 | 19°23 | M18 |
| T 19 | 7 54 32 | 28°54'17 | 22°43 | 5°24 | 19°59 | 11° 8 | 3°29 | 28°24 | 0°33 | 10°15 | 11°44 | 22°D57 | 22°47 | 27°12 | 19°28 | T 19 |
| W20 | 7 58 28 | 29°55'24 | 6♏23 | 6°17 | 21°12 | 11°56 | 3°39 | 28°28 | 0°33 | 10°15 | 11°43 | 22°57 | 22°43 | 27°19 | 19°33 | W20 |
| T 21 | 8 2 25 | 0♒56'31 | 20°24 | 7°14 | 22°24 | 12°43 | 3°49 | 28°33 | 0°34 | 10°14 | 11°41 | 22°57 | 22°40 | 27°25 | 19°38 | T 21 |
| F 22 | 8 6 22 | 1°57'37 | 4♐45 | 8°14 | 23°37 | 13°30 | 3°59 | 28°39 | 0°35 | 10°14 | 11°40 | 22°58 | 22°37 | 27°32 | 19°43 | F 22 |
| S 23 | 8 10 18 | 2°58'44 | 19°23 | 9°16 | 24°49 | 14°17 | 4° 9 | 28°44 | 0°36 | 10°14 | 11°39 | 22°59 | 22°34 | 27°39 | 19°47 | S 23 |
| S 24 | 8 14 15 | 3°59'50 | 4♑14 | 10°22 | 26° 2 | 15° 4 | 4°20 | 28°49 | 0°36 | 10°13 | 11°37 | 22°59 | 22°31 | 27°45 | 19°52 | S 24 |
| M25 | 8 18 11 | 5° 0'56 | 19°12 | 11°29 | 27°15 | 15°52 | 4°30 | 28°54 | 0°37 | 10°13 | 11°36 | 23°R 0 | 22°28 | 27°52 | 19°56 | M25 |
| T 26 | 8 22 8 | 6° 2'02 | 4♒ 7 | 12°39 | 28°28 | 16°39 | 4°41 | 29° 0 | 0°38 | 10°12 | 11°35 | 23° 0 | 22°24 | 27°59 | 20° 0 | T 26 |
| W27 | 8 26 4 | 7° 3'07 | 18°53 | 13°51 | 29°40 | 17°26 | 4°52 | 29° 5 | 0°39 | 10°12 | 11°33 | 22°59 | 22°21 | 28° 5 | 20° 4 | W27 |
| T 28 | 8 30 1 | 8° 4'11 | 3♓21 | 15° 5 | 0♑53 | 18°13 | 5° 3 | 29°11 | 0°40 | 10°11 | 11°32 | 22°57 | 22°18 | 28°12 | 20° 9 | T 28 |
| F 29 | 8 33 57 | 9° 5'14 | 17°27 | 16°20 | 2° 6 | 19° 1 | 5°14 | 29°16 | 0°41 | 10°11 | 11°30 | 22°55 | 22°15 | 28°19 | 20°13 | F 29 |
| S 30 | 8 37 54 | 10° 6'17 | 1♈ 7 | 17°37 | 3°19 | 19°48 | 5°25 | 29°22 | 0°42 | 10°10 | 11°29 | 22°53 | 22°12 | 28°25 | 20°16 | S 30 |
| S 31 | 8 41 51 | 11♒ 7'18 | 14♈21 | 18♑55 | 4♑32 | 20♒35 | 5♈36 | 29♓27 | 0♉43 | 10♎ 9 | 11♌28 | 22♑50 | 22♑ 9 | 28♊32 | 20♏20 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 22s58 | 4s27 | 3n50 | 20s36 | 2n27 | 17s25 | 2n25 | 21s45 | 1s 5 | 0s49 | 1s16 | 3s 9 | 2s12 | 11n 7 | 0s33 | 2s48 | 1n22 | 21n38 | 4n41 | 21s25 | 21s18 | 25n45 | 15s47 | 1n21 | F 1 |
| S 2 | 22 53 | 1n26 | 4 35 | 20 28 | 2 40 | 17 42 | 2 23 | 21 36 | 1 5 | 0 46 | 1 15 | 3 8 | 2 12 | 11 7 | 0 32 | 2 48 | 1 22 | 21 38 | 4 42 | 21 25 | 21 19 | 25 45 | 15 49 | 1 22 | S 2 |
| S 3 | 22 47 | 7 3 | 5 4 | 20 22 | 2 51 | 17 57 | 2 22 | 21 27 | 1 5 | 0 42 | 1 15 | 3 6 | 2 12 | 11 7 | 0 32 | 2 48 | 1 22 | 21 38 | 4 42 | 21 25 | 21 19 | 25 44 | 15 50 | 1 22 | S 3 |
| M 4 | 22 41 | 12 13 | 5 17 | 20 16 | 3 0 | 18 13 | 2 21 | 21 17 | 1 5 | 0 39 | 1 15 | 3 5 | 2 12 | 11 7 | 0 32 | 2 48 | 1 22 | 21 39 | 4 42 | 21 25 | 21 20 | 25 44 | 15 51 | 1 23 | M 4 |
| T 5 | 22 35 | 16 46 | 5 14 | 20 13 | 3 6 | 18 28 | 2 20 | 21 8 | 1 5 | 0 36 | 1 15 | 3 3 | 2 12 | 11 7 | 0 32 | 2 48 | 1 22 | 21 39 | 4 42 | 21 25 | 21 20 | 25 43 | 15 53 | 1 23 | T 5 |
| W 6 | 22 28 | 20 32 | 4 58 | 20 11 | 3 9 | 18 43 | 2 18 | 20 58 | 1 5 | 0 32 | 1 14 | 3 2 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 40 | 4 42 | 21 25 | 21 21 | 25 43 | 15 54 | 1 23 | W 6 |
| T 7 | 22 21 | 23 23 | 4 29 | 20 11 | 3 11 | 18 57 | 2 17 | 20 47 | 1 6 | 0 29 | 1 14 | 3 0 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 40 | 4 42 | 21 26 | 21 22 | 25 42 | 15 55 | 1 24 | T 7 |
| F 8 | 22 13 | 25 12 | 3 48 | 20 12 | 3 10 | 19 10 | 2 15 | 20 37 | 1 6 | 0 25 | 1 14 | 2 58 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 41 | 4 42 | 21 26 | 21 22 | 25 42 | 15 56 | 1 24 | F 8 |
| S 9 | 22 5 | 25 53 | 2 58 | 20 15 | 3 8 | 19 24 | 2 13 | 20 26 | 1 6 | 0 22 | 1 14 | 2 56 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 41 | 4 43 | 21 26 | 21 23 | 25 41 | 15 57 | 1 25 | S 9 |
| S 10 | 21 56 | 25 23 | 2 0 | 20 19 | 3 4 | 19 37 | 2 11 | 20 15 | 1 6 | 0 18 | 1 14 | 2 55 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 42 | 4 43 | 21 26 | 21 23 | 25 40 | 15 59 | 1 25 | S 10 |
| M11 | 21 47 | 23 44 | 0 57 | 20 24 | 2 59 | 19 49 | 2 9 | 20 4 | 1 6 | 0 14 | 1 13 | 2 53 | 2 11 | 11 7 | 0 32 | 2 48 | 1 22 | 21 42 | 4 43 | 21 26 | 21 24 | 25 40 | 16 0 | 1 26 | M11 |
| T 12 | 21 38 | 21 1 | 0s 9 | 20 30 | 2 52 | 20 1 | 2 8 | 19 53 | 1 6 | 0 11 | 1 13 | 2 51 | 2 10 | 11 7 | 0 32 | 2 48 | 1 22 | 21 43 | 4 43 | 21 26 | 21 24 | 25 39 | 16 1 | 1 26 | T 12 |
| W13 | 21 28 | 17 22 | 1 15 | 20 37 | 2 45 | 20 12 | 2 5 | 19 41 | 1 6 | 0 7 | 1 13 | 2 49 | 2 10 | 11 7 | 0 32 | 2 48 | 1 22 | 21 43 | 4 43 | 21 26 | 21 25 | 25 39 | 16 2 | 1 27 | W13 |
| T 14 | 21 17 | 12 59 | 2 18 | 20 45 | 2 37 | 20 23 | 2 3 | 19 29 | 1 6 | 0 3 | 1 13 | 2 47 | 2 10 | 11 7 | 0 32 | 2 48 | 1 22 | 21 44 | 4 43 | 21 26 | 21 25 | 25 38 | 16 3 | 1 27 | T 14 |
| F 15 | 21 7 | 8 0 | 3 16 | 20 52 | 2 29 | 20 33 | 2 1 | 19 17 | 1 6 | 0n 1 | 1 13 | 2 45 | 2 10 | 11 8 | 0 32 | 2 48 | 1 22 | 21 44 | 4 43 | 21 26 | 21 26 | 25 37 | 16 4 | 1 27 | F 15 |
| S 16 | 20 56 | 2 39 | 4 6 | 21 1 | 2 20 | 20 43 | 1 59 | 19 5 | 1 6 | 0 5 | 1 12 | 2 43 | 2 10 | 11 8 | 0 32 | 2 47 | 1 22 | 21 45 | 4 43 | 21 26 | 21 26 | 25 37 | 16 5 | 1 28 | S 16 |
| S 17 | 20 44 | 2s54 | 4 44 | 21 9 | 2 11 | 20 52 | 1 57 | 18 52 | 1 6 | 0 9 | 1 12 | 2 41 | 2 10 | 11 8 | 0 32 | 2 47 | 1 22 | 21 45 | 4 43 | 21 26 | 21 27 | 25 36 | 16 6 | 1 28 | S 17 |
| M18 | 20 32 | 8 27 | 5 9 | 21 17 | 2 2 | 21 1 | 1 54 | 18 40 | 1 6 | 0 13 | 1 12 | 2 39 | 2 9 | 11 8 | 0 32 | 2 47 | 1 22 | 21 45 | 4 44 | 21 26 | 21 27 | 25 35 | 16 7 | 1 29 | M18 |
| T 19 | 20 20 | 13 44 | 5 18 | 21 24 | 1 52 | 21 9 | 1 52 | 18 27 | 1 6 | 0 17 | 1 12 | 2 37 | 2 9 | 11 8 | 0 32 | 2 47 | 1 22 | 21 46 | 4 44 | 21 26 | 21 28 | 25 35 | 16 8 | 1 29 | T 19 |
| W20 | 20 7 | 18 29 | 5 9 | 21 32 | 1 43 | 21 16 | 1 49 | 18 14 | 1 6 | 0 21 | 1 12 | 2 35 | 2 9 | 11 9 | 0 32 | 2 47 | 1 23 | 21 46 | 4 44 | 21 26 | 21 28 | 25 34 | 16 8 | 1 30 | W20 |
| T 21 | 19 54 | 22 20 | 4 42 | 21 38 | 1 33 | 21 23 | 1 47 | 18 0 | 1 6 | 0 25 | 1 11 | 2 33 | 2 9 | 11 9 | 0 32 | 2 47 | 1 23 | 21 47 | 4 44 | 21 26 | 21 29 | 25 33 | 16 9 | 1 30 | T 21 |
| F 22 | 19 41 | 24 55 | 3 57 | 21 45 | 1 23 | 21 30 | 1 44 | 17 47 | 1 6 | 0 29 | 1 11 | 2 31 | 2 9 | 11 9 | 0 32 | 2 47 | 1 23 | 21 47 | 4 44 | 21 26 | 21 29 | 25 33 | 16 10 | 1 31 | F 22 |
| S 23 | 19 27 | 25 53 | 2 56 | 21 50 | 1 14 | 21 35 | 1 42 | 17 33 | 1 6 | 0 34 | 1 11 | 2 28 | 2 9 | 11 9 | 0 32 | 2 46 | 1 23 | 21 48 | 4 44 | 21 26 | 21 30 | 25 32 | 16 11 | 1 31 | S 23 |
| S 24 | 19 13 | 25 1 | 1 42 | 21 55 | 1 4 | 21 41 | 1 39 | 17 19 | 1 6 | 0 38 | 1 11 | 2 26 | 2 9 | 11 10 | 0 32 | 2 46 | 1 23 | 21 48 | 4 44 | 21 26 | 21 30 | 25 31 | 16 11 | 1 32 | S 24 |
| M25 | 18 58 | 22 22 | 0 21 | 21 59 | 0 55 | 21 45 | 1 36 | 17 5 | 1 6 | 0 42 | 1 11 | 2 24 | 2 8 | 11 10 | 0 32 | 2 46 | 1 23 | 21 49 | 4 44 | 21 26 | 21 31 | 25 31 | 16 12 | 1 32 | M25 |
| T 26 | 18 43 | 18 11 | 1n 1 | 22 2 | 0 45 | 21 49 | 1 33 | 16 51 | 1 6 | 0 47 | 1 10 | 2 22 | 2 8 | 11 10 | 0 32 | 2 46 | 1 23 | 21 49 | 4 44 | 21 26 | 21 32 | 25 30 | 16 13 | 1 33 | T 26 |
| W27 | 18 28 | 12 56 | 2 19 | 22 4 | 0 36 | 21 52 | 1 31 | 16 37 | 1 6 | 0 51 | 1 10 | 2 19 | 2 8 | 11 11 | 0 32 | 2 45 | 1 23 | 21 50 | 4 44 | 21 26 | 21 32 | 25 29 | 16 13 | 1 33 | W27 |
| T 28 | 18 12 | 7 3 | 3 25 | 22 5 | 0 27 | 21 55 | 1 28 | 16 22 | 1 6 | 0 56 | 1 10 | 2 17 | 2 8 | 11 11 | 0 32 | 2 45 | 1 23 | 21 50 | 4 44 | 21 26 | 21 33 | 25 29 | 16 14 | 1 34 | T 28 |
| F 29 | 17 57 | 0 59 | 4 18 | 22 5 | 0 18 | 21 57 | 1 25 | 16 8 | 1 5 | 1 0 | 1 10 | 2 15 | 2 8 | 11 12 | 0 32 | 2 45 | 1 23 | 21 51 | 4 45 | 21 27 | 21 33 | 25 28 | 16 15 | 1 34 | F 29 |
| S 30 | 17 40 | 4n56 | 4 54 | 22 4 | 0 10 | 21 59 | 1 22 | 15 53 | 1 5 | 1 5 | 1 10 | 2 12 | 2 8 | 11 12 | 0 32 | 2 45 | 1 23 | 21 51 | 4 45 | 21 27 | 21 34 | 25 27 | 16 15 | 1 35 | S 30 |
| S 31 | 17s24 | 10n27 | 5n13 | 22s 2 | 0n 1 | 21s59 | 1n19 | 15s38 | 1s 5 | 1n 9 | 1s10 | 2s10 | 2s 8 | 11n12 | 0s31 | 2s44 | 1n23 | 21n52 | 4n45 | 21s27 | 21s34 | 25n26 | 16s16 | 1n35 | S 31 |

Julian Day Number = 2611521.5, Delta T = 10m32s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'51, Lahiri = 29°58'52


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## FEBRUARY 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 45 47 | 12♒ 8'19 | 27♈10 | 20♉15 | 5♉45 | 21♒23 | 5♈48 | 29♓33 | 0♉44 | 10°R 9 | 11°R26 | 22°R49 | 22♉ 5 | 28♊39 | 20♏24 | M 1 |
| T 2 | 8 49 44 | 13° 9'19 | 9♉37 | 21°36 | 6°58 | 22°10 | 5°59 | 29°39 | 0°46 | 10♎ 8 | 11♑25 | 22°D48 | 22° 2 | 28°45 | 20°27 | T 2 |
| W 3 | 8 53 40 | 14°10'17 | 21°48 | 22°58 | 8°12 | 22°57 | 6°11 | 29°45 | 0°47 | 10° 7 | 11°24 | 22♉48 | 21°59 | 28°52 | 20°31 | W 3 |
| T 4 | 8 57 37 | 15°11'15 | 3♊46 | 24°20 | 9°25 | 23°45 | 6°22 | 29°51 | 0°48 | 10° 6 | 11°22 | 22°49 | 21°56 | 28°59 | 20°34 | T 4 |
| F 5 | 9 1 33 | 16°12'11 | 15°36 | 25°44 | 10°38 | 24°32 | 6°34 | 29°57 | 0°50 | 10° 6 | 11°21 | 22°51 | 21°53 | 29° 5 | 20°37 | F 5 |
| S 6 | 9 5 30 | 17°13'06 | 27°24 | 27° 9 | 11°51 | 25°20 | 6°46 | 0♈ 3 | 0°51 | 10° 5 | 11°20 | 22°53 | 21°49 | 29°12 | 20°40 | S 6 |
| S 7 | 9 9 26 | 18°14'00 | 9♋13 | 28°35 | 13° 5 | 26° 7 | 6°58 | 0° 9 | 0°53 | 10° 4 | 11°18 | 22°54 | 21°46 | 29°19 | 20°43 | S 7 |
| M 8 | 9 13 23 | 19°14'53 | 21° 7 | 0♒ 2 | 14°18 | 26°55 | 7°10 | 0°15 | 0°54 | 10° 3 | 11°17 | 22°R55 | 21°43 | 29°25 | 20°46 | M 8 |
| T 9 | 9 17 20 | 20°15'45 | 3♌10 | 1°29 | 15°31 | 27°42 | 7°22 | 0°21 | 0°56 | 10° 2 | 11°15 | 22°54 | 21°40 | 29°32 | 20°49 | T 9 |
| W10 | 9 21 16 | 21°16'35 | 15°23 | 2°58 | 16°45 | 28°29 | 7°34 | 0°28 | 0°57 | 10° 1 | 11°14 | 22°53 | 21°37 | 29°39 | 20°52 | W10 |
| T 11 | 9 25 13 | 22°17'25 | 27°48 | 4°27 | 17°58 | 29°17 | 7°46 | 0°34 | 0°59 | 10° 0 | 11°13 | 22°49 | 21°34 | 29°45 | 20°54 | T 11 |
| F 12 | 9 29 9 | 23°18'13 | 10♍26 | 5°57 | 19°11 | 0♓ 4 | 7°58 | 0°40 | 1° 1 | 9°59 | 11°11 | 22°45 | 21°30 | 29°52 | 20°57 | F 12 |
| S 13 | 9 33 6 | 24°19'00 | 23°18 | 7°28 | 20°25 | 0°52 | 8°11 | 0°47 | 1° 2 | 9°58 | 11°10 | 22°39 | 21°27 | 29°58 | 20°59 | S 13 |
| S 14 | 9 37 2 | 25°19'46 | 6♎22 | 9° 0 | 21°38 | 1°39 | 8°23 | 0°53 | 1° 4 | 9°57 | 11° 9 | 22°34 | 21°24 | 0♌ 5 | 21° 1 | S 14 |
| M15 | 9 40 59 | 26°20'32 | 19°40 | 10°32 | 22°52 | 2°27 | 8°36 | 1° 0 | 1° 6 | 9°56 | 11° 7 | 22°29 | 21°21 | 0°12 | 21° 3 | M15 |
| T 16 | 9 44 55 | 27°21'16 | 3♏10 | 12° 6 | 24° 5 | 3°14 | 8°49 | 1° 6 | 1° 8 | 9°55 | 11° 6 | 22°25 | 21°18 | 0°18 | 21° 5 | T 16 |
| W17 | 9 48 52 | 28°21'59 | 16°53 | 13°40 | 25°19 | 4° 2 | 9° 1 | 1°13 | 1°10 | 9°54 | 11° 5 | 22°22 | 21°15 | 0°25 | 21° 7 | W17 |
| T 18 | 9 52 49 | 29°22'42 | 0♐47 | 15°15 | 26°33 | 4°49 | 9°14 | 1°20 | 1°12 | 9°53 | 11° 4 | 22°D22 | 21°11 | 0°32 | 21° 9 | T 18 |
| F 19 | 9 56 45 | 0♓23'23 | 14°54 | 16°50 | 27°46 | 5°37 | 9°27 | 1°26 | 1°14 | 9°52 | 11° 2 | 22°23 | 21° 8 | 0°38 | 21°11 | F 19 |
| S 20 | 10 0 42 | 1°24'03 | 29°10 | 18°27 | 29° 0 | 6°24 | 9°40 | 1°33 | 1°16 | 9°50 | 11° 1 | 22°24 | 21° 5 | 0°45 | 21°12 | S 20 |
| S 21 | 10 4 38 | 2°24'43 | 13♉36 | 20° 4 | 0♒13 | 7°12 | 9°53 | 1°40 | 1°18 | 9°49 | 11° 0 | 22°25 | 21° 2 | 0°52 | 21°14 | S 21 |
| M22 | 10 8 35 | 3°25'21 | 28° 6 | 21°43 | 1°27 | 7°59 | 10° 6 | 1°47 | 1°20 | 9°48 | 10°59 | 22°R25 | 20°59 | 0°58 | 21°15 | M22 |
| T 23 | 10 12 31 | 4°25'58 | 12♒37 | 23°22 | 2°41 | 8°46 | 10°19 | 1°53 | 1°22 | 9°47 | 10°57 | 22°24 | 20°55 | 1° 5 | 21°16 | T 23 |
| W24 | 10 16 28 | 5°26'33 | 27° 3 | 25° 2 | 3°55 | 9°34 | 10°32 | 2° 0 | 1°25 | 9°45 | 10°56 | 22°20 | 20°52 | 1°12 | 21°17 | W24 |
| T 25 | 10 20 24 | 6°27'07 | 11♓18 | 26°43 | 5° 8 | 10°21 | 10°46 | 2° 7 | 1°27 | 9°44 | 10°55 | 22°14 | 20°49 | 1°18 | 21°18 | T 25 |
| F 26 | 10 24 21 | 7°27'40 | 25°17 | 28°25 | 6°22 | 11° 9 | 10°59 | 2°14 | 1°29 | 9°43 | 10°54 | 22° 7 | 20°46 | 1°25 | 21°19 | F 26 |
| S 27 | 10 28 18 | 8°28'11 | 8♈55 | 0♓ 7 | 7°36 | 11°56 | 11°12 | 2°21 | 1°32 | 9°41 | 10°52 | 21°58 | 20°43 | 1°32 | 21°20 | S 27 |
| S 28 | 10 32 14 | 9♓28'40 | 22♈10 | 1♓51 | 8♒50 | 12♓44 | 11♈26 | 2♈28 | 1♉34 | 9♎40 | 10♑51 | 21♉50 | 20♉40 | 1♋38 | 21♏20 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 17s 7 | 15n20 | 5n15 | 21s59 | 0s 7 | 22s 0 | 1n16 | 15s22 | 1s 5 | 1n14 | 1s 9 | 2s 8 | 2s 7 | 11n13 | 0s31 | 2s44 | 1n23 | 21n52 | 4n45 | 21s28 | 21s35 | 25n26 | 16s16 | 1n36 | M 1 |
| T 2 | 16 50 | 19 26 | 5 3 | 21 54 | 0 15 | 21 59 | 1 13 | 15 7 | 1 5 | 1 19 | 1 9 | 2 5 | 2 7 | 11 13 | 0 31 | 2 44 | 1 23 | 21 52 | 4 45 | 21 28 | 21 35 | 25 25 | 16 17 | 1 36 | T 2 |
| W 3 | 16 32 | 22 37 | 4 37 | 21 49 | 0 23 | 21 58 | 1 10 | 14 51 | 1 5 | 1 23 | 1 9 | 2 3 | 2 7 | 11 14 | 0 31 | 2 43 | 1 23 | 21 53 | 4 45 | 21 28 | 21 36 | 25 24 | 16 17 | 1 37 | W 3 |
| T 4 | 16 15 | 24 46 | 3 59 | 21 42 | 0 31 | 21 56 | 1 7 | 14 36 | 1 5 | 1 28 | 1 9 | 2 0 | 2 7 | 11 14 | 0 31 | 2 43 | 1 23 | 21 53 | 4 45 | 21 27 | 21 36 | 25 23 | 16 17 | 1 37 | T 4 |
| F 5 | 15 57 | 25 47 | 3 12 | 21 34 | 0 38 | 21 54 | 1 4 | 14 20 | 1 5 | 1 33 | 1 9 | 1 58 | 2 7 | 11 15 | 0 31 | 2 43 | 1 23 | 21 54 | 4 45 | 21 27 | 21 37 | 25 23 | 16 18 | 1 38 | F 5 |
| S 6 | 15 38 | 25 38 | 2 16 | 21 25 | 0 45 | 21 51 | 1 1 | 14 4 | 1 5 | 1 38 | 1 9 | 1 55 | 2 7 | 11 15 | 0 31 | 2 42 | 1 23 | 21 54 | 4 45 | 21 27 | 21 37 | 25 22 | 16 18 | 1 38 | S 6 |
| S 7 | 15 20 | 24 18 | 1 15 | 21 15 | 0 52 | 21 47 | 0 57 | 13 48 | 1 4 | 1 42 | 1 8 | 1 53 | 2 7 | 11 16 | 0 31 | 2 42 | 1 23 | 21 55 | 4 45 | 21 27 | 21 38 | 25 21 | 16 18 | 1 39 | S 7 |
| M 8 | 15 1 | 21 54 | 0 10 | 21 3 | 0 59 | 21 43 | 0 54 | 13 31 | 1 4 | 1 47 | 1 8 | 1 50 | 2 7 | 11 16 | 0 31 | 2 41 | 1 23 | 21 55 | 4 45 | 21 27 | 21 38 | 25 20 | 16 19 | 1 39 | M 8 |
| T 9 | 14 42 | 18 30 | 0s56 | 20 51 | 1 5 | 21 38 | 0 51 | 13 15 | 1 4 | 1 52 | 1 8 | 1 48 | 2 7 | 11 17 | 0 31 | 2 41 | 1 24 | 21 56 | 4 45 | 21 27 | 21 39 | 25 20 | 16 19 | 1 40 | T 9 |
| W10 | 14 23 | 14 16 | 2 0 | 20 37 | 1 11 | 21 33 | 0 48 | 12 58 | 1 4 | 1 57 | 1 8 | 1 45 | 2 6 | 11 18 | 0 31 | 2 41 | 1 24 | 21 56 | 4 45 | 21 27 | 21 39 | 25 19 | 16 19 | 1 40 | W10 |
| T 11 | 14 3 | 9 24 | 3 0 | 20 21 | 1 17 | 21 26 | 0 45 | 12 42 | 1 4 | 2 2 | 1 8 | 1 43 | 2 6 | 11 18 | 0 31 | 2 40 | 1 24 | 21 56 | 4 45 | 21 27 | 21 40 | 25 18 | 16 19 | 1 41 | T 11 |
| F 12 | 13 43 | 4 4 | 3 51 | 20 5 | 1 23 | 21 20 | 0 42 | 12 25 | 1 4 | 2 7 | 1 8 | 1 40 | 2 6 | 11 19 | 0 31 | 2 40 | 1 24 | 21 57 | 4 45 | 21 28 | 21 40 | 25 17 | 16 19 | 1 41 | F 12 |
| S 13 | 13 23 | 1s31 | 4 32 | 19 47 | 1 28 | 21 12 | 0 39 | 12 8 | 1 3 | 2 12 | 1 8 | 1 37 | 2 6 | 11 19 | 0 31 | 2 39 | 1 24 | 21 57 | 4 45 | 21 29 | 21 41 | 25 16 | 16 19 | 1 42 | S 13 |
| S 14 | 13 3 | 7 7 | 5 0 | 19 28 | 1 33 | 21 4 | 0 35 | 11 51 | 1 3 | 2 17 | 1 7 | 1 35 | 2 6 | 11 20 | 0 31 | 2 39 | 1 24 | 21 58 | 4 46 | 21 30 | 21 41 | 25 15 | 16 20 | 1 42 | S 14 |
| M15 | 12 42 | 12 29 | 5 11 | 19 7 | 1 38 | 20 55 | 0 32 | 11 34 | 1 3 | 2 22 | 1 7 | 1 32 | 2 6 | 11 21 | 0 31 | 2 38 | 1 24 | 21 58 | 4 46 | 21 31 | 21 42 | 25 15 | 16 20 | 1 43 | M15 |
| T 16 | 12 22 | 17 20 | 5 6 | 18 46 | 1 42 | 20 46 | 0 29 | 11 16 | 1 3 | 2 27 | 1 7 | 1 29 | 2 6 | 11 21 | 0 31 | 2 38 | 1 24 | 21 58 | 4 46 | 21 31 | 21 42 | 25 14 | 16 20 | 1 43 | T 16 |
| W17 | 12 1 | 21 22 | 4 44 | 18 23 | 1 46 | 20 36 | 0 26 | 10 59 | 1 3 | 2 32 | 1 7 | 1 27 | 2 6 | 11 22 | 0 31 | 2 38 | 1 24 | 21 59 | 4 46 | 21 32 | 21 43 | 25 13 | 16 20 | 1 44 | W17 |
| T 18 | 11 40 | 24 15 | 4 5 | 17 59 | 1 50 | 20 25 | 0 23 | 10 41 | 1 2 | 2 38 | 1 7 | 1 24 | 2 6 | 11 23 | 0 31 | 2 37 | 1 24 | 21 59 | 4 46 | 21 32 | 21 43 | 25 12 | 16 19 | 1 44 | T 18 |
| F 19 | 11 19 | 25 41 | 3 10 | 17 33 | 1 53 | 20 14 | 0 20 | 10 24 | 1 2 | 2 43 | 1 7 | 1 21 | 2 6 | 11 24 | 0 31 | 2 37 | 1 24 | 22 0 | 4 46 | 21 32 | 21 44 | 25 11 | 16 19 | 1 45 | F 19 |
| S 20 | 10 57 | 25 26 | 2 3 | 17 7 | 1 57 | 20 3 | 0 16 | 10 6 | 1 2 | 2 48 | 1 7 | 1 18 | 2 6 | 11 24 | 0 31 | 2 36 | 1 24 | 22 0 | 4 46 | 21 32 | 21 44 | 25 10 | 16 19 | 1 45 | S 20 |
| S 21 | 10 35 | 23 29 | 0 48 | 16 39 | 1 59 | 19 50 | 0 13 | 9 48 | 1 2 | 2 53 | 1 7 | 1 16 | 2 6 | 11 25 | 0 31 | 2 36 | 1 24 | 22 0 | 4 46 | 21 31 | 21 45 | 25 10 | 16 19 | 1 46 | S 21 |
| M22 | 10 14 | 19 59 | 0n31 | 16 9 | 2 2 | 19 37 | 0 10 | 9 30 | 1 1 | 2 58 | 1 6 | 1 13 | 2 5 | 11 26 | 0 31 | 2 35 | 1 24 | 22 1 | 4 46 | 21 31 | 21 45 | 25 9 | 16 19 | 1 46 | M22 |
| T 23 | 9 52 | 15 16 | 1 47 | 15 39 | 2 4 | 19 24 | 0 7 | 9 12 | 1 1 | 3 4 | 1 6 | 1 10 | 2 5 | 11 27 | 0 31 | 2 34 | 1 24 | 22 1 | 4 46 | 21 32 | 21 46 | 25 8 | 16 19 | 1 47 | T 23 |
| W24 | 9 30 | 9 42 | 2 57 | 15 7 | 2 5 | 19 10 | 0 4 | 8 54 | 1 1 | 3 9 | 1 6 | 1 7 | 2 5 | 11 27 | 0 31 | 2 34 | 1 24 | 22 2 | 4 46 | 21 32 | 21 46 | 25 7 | 16 19 | 1 48 | W24 |
| T 25 | 9 7 | 3 42 | 3 54 | 14 34 | 2 7 | 18 55 | 0 1 | 8 36 | 1 1 | 3 14 | 1 6 | 1 5 | 2 5 | 11 28 | 0 31 | 2 33 | 1 24 | 22 2 | 4 46 | 21 33 | 21 47 | 25 6 | 16 18 | 1 48 | T 25 |
| F 26 | 8 45 | 2n21 | 4 35 | 13 59 | 2 7 | 18 40 | 0s 2 | 8 18 | 1 0 | 3 19 | 1 6 | 1 2 | 2 5 | 11 29 | 0 31 | 2 33 | 1 24 | 22 2 | 4 46 | 21 34 | 21 47 | 25 5 | 16 18 | 1 49 | F 26 |
| S 27 | 8 23 | 8 7 | 5 0 | 13 24 | 2 8 | 18 24 | 0 5 | 8 0 | 1 0 | 3 25 | 1 6 | 0 59 | 2 5 | 11 30 | 0 31 | 2 32 | 1 24 | 22 3 | 4 46 | 21 36 | 21 47 | 25 4 | 16 18 | 1 49 | S 27 |
| S 28 | 8s 0 | 13n22 | 5n 8 | 12s47 | 2s 8 | 18s 8 | 0s 8 | 7s41 | 1s 0 | 3n30 | 1s 6 | 0s56 | 2s 5 | 11n31 | 0s31 | 2s32 | 1n24 | 22n 3 | 4n46 | 21s37 | 21s48 | 25n 3 | 16s17 | 1n50 | S 28 |

Julian Day Number = 2611552.5, Delta T = 10m32s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'55, Lahiri = 29°58'57


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## MARCH 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 36 11 | 10♓29'07 | 5♉ 2 | 3♓36 | 10♒ 3 | 13♓31 | 11♈39 | 2♈35 | 1♉36 | 9°R39 | 10°R50 | 21°R44 | 20♑36 | 1♋45 | 21♏21 | M 1 |
| T 2 | 10 40 7 | 11°29'33 | 17°33 | 5°21 | 11°17 | 14°19 | 11°53 | 2°42 | 1°39 | 9♎37 | 10♌49 | 21♑39 | 20°33 | 1°52 | 21°21 | T 2 |
| W 3 | 10 44 4 | 12°29'56 | 29°46 | 7° 8 | 12°31 | 15° 6 | 12° 6 | 2°49 | 1°41 | 9°36 | 10°48 | 21°35 | 20°30 | 1°58 | 21°21 | W 3 |
| T 4 | 10 48 0 | 13°30'18 | 11♊45 | 8°55 | 13°45 | 15°53 | 12°20 | 2°56 | 1°44 | 9°34 | 10°47 | 21°D34 | 20°27 | 2° 5 | 21°21 | T 4 |
| F 5 | 10 51 57 | 14°30'38 | 23°36 | 10°44 | 14°59 | 16°41 | 12°34 | 3° 4 | 1°46 | 9°33 | 10°46 | 21°35 | 20°24 | 2°12 | 21°R21 | F 5 |
| S 6 | 10 55 53 | 15°30'56 | 5♋24 | 12°33 | 16°12 | 17°28 | 12°47 | 3°11 | 1°49 | 9°31 | 10°44 | 21°36 | 20°20 | 2°18 | 21°21 | S 6 |
| S 7 | 10 59 50 | 16°31'13 | 17°14 | 14°24 | 17°26 | 18°16 | 13° 1 | 3°18 | 1°51 | 9°30 | 10°43 | 21°R37 | 20°17 | 2°25 | 21°21 | S 7 |
| M 8 | 11 3 47 | 17°31'27 | 29°11 | 16°15 | 18°40 | 19° 3 | 13°15 | 3°25 | 1°54 | 9°28 | 10°42 | 21°37 | 20°14 | 2°31 | 21°21 | M 8 |
| T 9 | 11 7 43 | 18°31'39 | 11♌20 | 18° 8 | 19°54 | 19°50 | 13°29 | 3°32 | 1°57 | 9°27 | 10°41 | 21°34 | 20°11 | 2°38 | 21°20 | T 9 |
| W10 | 11 11 40 | 19°31'49 | 23°44 | 20° 1 | 21° 8 | 20°38 | 13°43 | 3°40 | 2° 0 | 9°25 | 10°40 | 21°30 | 20° 8 | 2°45 | 21°20 | W10 |
| T 11 | 11 15 36 | 20°31'57 | 6♍24 | 21°55 | 22°22 | 21°25 | 13°57 | 3°47 | 2° 2 | 9°24 | 10°39 | 21°23 | 20° 5 | 2°51 | 21°19 | T 11 |
| F 12 | 11 19 33 | 21°32'04 | 19°22 | 23°50 | 23°36 | 22°12 | 14°11 | 3°54 | 2° 5 | 9°22 | 10°38 | 21°14 | 20° 1 | 2°58 | 21°18 | F 12 |
| S 13 | 11 23 29 | 22°32'08 | 2♎37 | 25°45 | 24°50 | 22°59 | 14°25 | 4° 2 | 2° 8 | 9°21 | 10°37 | 21° 3 | 19°58 | 3° 5 | 21°17 | S 13 |
| S 14 | 11 27 26 | 23°32'11 | 16° 7 | 27°42 | 26° 3 | 23°47 | 14°39 | 4° 9 | 2°11 | 9°19 | 10°36 | 20°52 | 19°55 | 3°11 | 21°16 | S 14 |
| M15 | 11 31 22 | 24°32'12 | 29°49 | 29°38 | 27°17 | 24°34 | 14°53 | 4°16 | 2°14 | 9°18 | 10°35 | 20°42 | 19°52 | 3°18 | 21°15 | M15 |
| T 16 | 11 35 19 | 25°32'11 | 13♏41 | 1♈36 | 28°31 | 25°21 | 15° 7 | 4°24 | 2°16 | 9°16 | 10°34 | 20°34 | 19°49 | 3°25 | 21°14 | T 16 |
| W17 | 11 39 16 | 26°32'09 | 27°40 | 3°33 | 29°45 | 26° 8 | 15°21 | 4°31 | 2°19 | 9°14 | 10°34 | 20°28 | 19°46 | 3°31 | 21°13 | W17 |
| T 18 | 11 43 12 | 27°32'06 | 11♐42 | 5°30 | 0♓59 | 26°55 | 15°35 | 4°38 | 2°22 | 9°13 | 10°33 | 20°25 | 19°42 | 3°38 | 21°11 | T 18 |
| F 19 | 11 47 9 | 28°32'00 | 25°47 | 7°27 | 2°13 | 27°42 | 15°50 | 4°46 | 2°25 | 9°11 | 10°32 | 20°D24 | 19°39 | 3°45 | 21°10 | F 19 |
| S 20 | 11 51 5 | 29°31'53 | 9♑54 | 9°24 | 3°27 | 28°30 | 16° 4 | 4°53 | 2°28 | 9° 9 | 10°31 | 20°24 | 19°36 | 3°51 | 21° 8 | S 20 |
| S 21 | 11 55 2 | 0♈31'45 | 24° 0 | 11°20 | 4°41 | 29°17 | 16°18 | 5° 1 | 2°31 | 9° 8 | 10°30 | 20°R24 | 19°33 | 3°58 | 21° 6 | S 21 |
| M22 | 11 58 58 | 1°31'35 | 8♒ 7 | 13°14 | 5°55 | 0♈ 4 | 16°33 | 5° 8 | 2°34 | 9° 6 | 10°29 | 20°23 | 19°30 | 4° 5 | 21° 4 | M22 |
| T 23 | 12 2 55 | 2°31'23 | 22°11 | 15° 7 | 7° 9 | 0°51 | 16°47 | 5°15 | 2°37 | 9° 5 | 10°29 | 20°20 | 19°26 | 4°11 | 21° 2 | T 23 |
| W24 | 12 6 51 | 3°31'09 | 6♓ 9 | 16°59 | 8°23 | 1°38 | 17° 1 | 5°23 | 2°40 | 9° 3 | 10°28 | 20°13 | 19°23 | 4°18 | 21° 0 | W24 |
| T 25 | 12 10 48 | 4°30'54 | 20° 0 | 18°47 | 9°37 | 2°25 | 17°16 | 5°30 | 2°44 | 9° 1 | 10°27 | 20° 4 | 19°20 | 4°25 | 20°58 | T 25 |
| F 26 | 12 14 44 | 5°30'36 | 3♈39 | 20°33 | 10°51 | 3°12 | 17°30 | 5°38 | 2°47 | 9° 0 | 10°26 | 19°53 | 19°17 | 4°31 | 20°56 | F 26 |
| S 27 | 12 18 41 | 6°30'17 | 17° 2 | 22°16 | 12° 5 | 3°59 | 17°44 | 5°45 | 2°50 | 8°58 | 10°26 | 19°40 | 19°14 | 4°38 | 20°54 | S 27 |
| S 28 | 12 22 38 | 7°29'55 | 0♉ 7 | 23°55 | 13°19 | 4°46 | 17°59 | 5°52 | 2°53 | 8°56 | 10°25 | 19°27 | 19°11 | 4°44 | 20°51 | S 28 |
| M29 | 12 26 34 | 8°29'32 | 12°54 | 25°29 | 14°33 | 5°33 | 18°13 | 6° 0 | 2°56 | 8°55 | 10°24 | 19°16 | 19° 7 | 4°51 | 20°49 | M29 |
| T 30 | 12 30 31 | 9°29'06 | 25°22 | 26°59 | 15°47 | 6°19 | 18°28 | 6° 7 | 2°59 | 8°53 | 10°24 | 19° 7 | 19° 4 | 4°58 | 20°46 | T 30 |
| W31 | 12 34 27 | 10♈28'39 | 7♊34 | 28♈24 | 17♓ 1 | 7♈ 6 | 18♈42 | 6♈15 | 3♉ 3 | 8♎51 | 10♌23 | 19♑ 0 | 19♑ 1 | 5♋ 4 | 20♏43 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s37 | 17n53 | 5n 0 | 12s 9 | 2s 7 | 17s52 | 0s11 | 7s23 | 1s 0 | 3n35 | 1s 6 | 0s53 | 2s 5 | 11n32 | 0s31 | 2s31 | 1n24 | 22n 3 | 4n46 | 21s38 | 21s48 | 25n 2 | 16s17 | 1n50 |
| T 2 | 7 14 | 21 28 | 4 37 | 11 29 | 2 7 | 17 34 | 0 14 | 7 4 | 0 59 | 3 41 | 1 6 | 0 50 | 2 5 | 11 32 | 0 31 | 2 31 | 1 24 | 22 4 | 4 46 | 21 39 | 21 49 | 25 1 | 16 16 | 1 51 |
| W 3 | 6 51 | 24 0 | 4 3 | 10 49 | 2 5 | 17 17 | 0 17 | 6 46 | 0 59 | 3 46 | 1 6 | 0 48 | 2 5 | 11 33 | 0 31 | 2 30 | 1 24 | 22 4 | 4 46 | 21 39 | 21 49 | 25 0 | 16 16 | 1 51 |
| T 4 | 6 28 | 25 25 | 3 18 | 10 7 | 2 3 | 16 58 | 0 19 | 6 27 | 0 59 | 3 51 | 1 5 | 0 45 | 2 5 | 11 34 | 0 31 | 2 29 | 1 24 | 22 4 | 4 46 | 21 40 | 21 50 | 25 0 | 16 15 | 1 52 |
| F 5 | 6 5 | 25 39 | 2 25 | 9 24 | 2 1 | 16 40 | 0 22 | 6 9 | 0 58 | 3 57 | 1 5 | 0 42 | 2 5 | 11 35 | 0 31 | 2 29 | 1 24 | 22 5 | 4 46 | 21 39 | 21 50 | 24 59 | 16 15 | 1 52 |
| S 6 | 5 42 | 24 43 | 1 26 | 8 39 | 1 58 | 16 20 | 0 25 | 5 50 | 0 58 | 4 2 | 1 5 | 0 39 | 2 5 | 11 36 | 0 30 | 2 28 | 1 24 | 22 5 | 4 46 | 21 39 | 21 51 | 24 58 | 16 14 | 1 53 |
| S 7 | 5 19 | 22 40 | 0 24 | 7 54 | 1 55 | 16 1 | 0 28 | 5 31 | 0 58 | 4 8 | 1 5 | 0 36 | 2 5 | 11 37 | 0 30 | 2 28 | 1 24 | 22 5 | 4 46 | 21 39 | 21 51 | 24 57 | 16 14 | 1 54 |
| M 8 | 4 55 | 19 37 | 0s41 | 7 7 | 1 51 | 15 41 | 0 30 | 5 12 | 0 57 | 4 13 | 1 5 | 0 33 | 2 5 | 11 38 | 0 30 | 2 27 | 1 24 | 22 5 | 4 46 | 21 39 | 21 52 | 24 56 | 16 13 | 1 54 |
| T 9 | 4 32 | 15 40 | 1 44 | 6 20 | 1 47 | 15 20 | 0 33 | 4 53 | 0 57 | 4 19 | 1 5 | 0 30 | 2 5 | 11 39 | 0 30 | 2 26 | 1 25 | 22 6 | 4 46 | 21 40 | 21 52 | 24 55 | 16 13 | 1 55 |
| W10 | 4 8 | 11 1 | 2 43 | 5 31 | 1 42 | 14 59 | 0 36 | 4 35 | 0 57 | 4 24 | 1 5 | 0 27 | 2 5 | 11 40 | 0 30 | 2 26 | 1 25 | 22 6 | 4 46 | 21 40 | 21 53 | 24 54 | 16 12 | 1 55 |
| T 11 | 3 45 | 5 48 | 3 36 | 4 41 | 1 37 | 14 38 | 0 38 | 4 16 | 0 56 | 4 30 | 1 5 | 0 24 | 2 5 | 11 41 | 0 30 | 2 25 | 1 25 | 22 6 | 4 46 | 21 41 | 21 53 | 24 53 | 16 11 | 1 56 |
| F 12 | 3 21 | 0 14 | 4 18 | 3 50 | 1 31 | 14 16 | 0 41 | 3 57 | 0 56 | 4 35 | 1 5 | 0 22 | 2 5 | 11 42 | 0 30 | 2 25 | 1 25 | 22 7 | 4 46 | 21 43 | 21 54 | 24 52 | 16 10 | 1 56 |
| S 13 | 2 57 | 5s27 | 4 48 | 2 58 | 1 24 | 13 54 | 0 43 | 3 38 | 0 56 | 4 40 | 1 5 | 0 19 | 2 5 | 11 43 | 0 30 | 2 24 | 1 25 | 22 7 | 4 46 | 21 44 | 21 54 | 24 51 | 16 10 | 1 57 |
| S 14 | 2 34 | 10 58 | 5 2 | 2 6 | 1 17 | 13 31 | 0 46 | 3 19 | 0 55 | 4 46 | 1 5 | 0 16 | 2 5 | 11 44 | 0 30 | 2 23 | 1 25 | 22 7 | 4 46 | 21 46 | 21 55 | 24 50 | 16 9 | 1 57 |
| M15 | 2 10 | 16 3 | 5 0 | 1 12 | 1 10 | 13 8 | 0 48 | 3 0 | 0 55 | 4 51 | 1 5 | 0 13 | 2 5 | 11 45 | 0 30 | 2 23 | 1 25 | 22 7 | 4 46 | 21 48 | 21 55 | 24 49 | 16 8 | 1 58 |
| T 16 | 1 46 | 20 21 | 4 39 | 0 18 | 1 1 | 12 45 | 0 50 | 2 41 | 0 55 | 4 57 | 1 4 | 0 10 | 2 5 | 11 46 | 0 30 | 2 22 | 1 25 | 22 7 | 4 46 | 21 49 | 21 55 | 24 48 | 16 7 | 1 58 |
| W17 | 1 22 | 23 32 | 4 2 | 0n36 | 0 53 | 12 21 | 0 53 | 2 22 | 0 54 | 5 2 | 1 4 | 0 7 | 2 5 | 11 47 | 0 30 | 2 21 | 1 25 | 22 8 | 4 46 | 21 50 | 21 56 | 24 47 | 16 6 | 1 59 |
| T 18 | 0 59 | 25 17 | 3 11 | 1 31 | 0 43 | 11 57 | 0 55 | 2 3 | 0 54 | 5 8 | 1 4 | 0 4 | 2 5 | 11 48 | 0 30 | 2 21 | 1 25 | 22 8 | 4 46 | 21 50 | 21 56 | 24 46 | 16 5 | 1 59 |
| F 19 | 0 35 | 25 26 | 2 7 | 2 26 | 0 33 | 11 33 | 0 57 | 1 44 | 0 53 | 5 13 | 1 4 | 0 1 | 2 5 | 11 49 | 0 30 | 2 20 | 1 25 | 22 8 | 4 46 | 21 50 | 21 57 | 24 45 | 16 5 | 2 0 |
| S 20 | 0 11 | 23 56 | 0 56 | 3 22 | 0 23 | 11 8 | 0 59 | 1 25 | 0 53 | 5 19 | 1 4 | 0n 2 | 2 5 | 11 50 | 0 30 | 2 19 | 1 25 | 22 8 | 4 46 | 21 50 | 21 57 | 24 44 | 16 4 | 2 1 |
| S 21 | 0n13 | 20 57 | 0n19 | 4 17 | 0 12 | 10 43 | 1 1 | 1 5 | 0 53 | 5 25 | 1 4 | 0 5 | 2 5 | 11 51 | 0 30 | 2 19 | 1 25 | 22 9 | 4 46 | 21 50 | 21 58 | 24 43 | 16 3 | 2 1 |
| M22 | 0 36 | 16 42 | 1 33 | 5 12 | 0 1 | 10 18 | 1 3 | 0 46 | 0 52 | 5 30 | 1 4 | 0 8 | 2 5 | 11 52 | 0 30 | 2 18 | 1 25 | 22 9 | 4 46 | 21 50 | 21 58 | 24 41 | 16 2 | 2 2 |
| T 23 | 1 0 | 11 34 | 2 40 | 6 7 | 0n11 | 9 52 | 1 5 | 0 27 | 0 52 | 5 36 | 1 4 | 0 10 | 2 5 | 11 53 | 0 30 | 2 17 | 1 25 | 22 9 | 4 46 | 21 51 | 21 59 | 24 40 | 16 1 | 2 2 |
| W24 | 1 24 | 5 52 | 3 37 | 7 0 | 0 23 | 9 26 | 1 7 | 0 8 | 0 51 | 5 41 | 1 4 | 0 13 | 2 5 | 11 54 | 0 30 | 2 17 | 1 25 | 22 9 | 4 46 | 21 52 | 21 59 | 24 39 | 16 0 | 2 3 |
| T 25 | 1 47 | 0n 3 | 4 21 | 7 53 | 0 35 | 9 0 | 1 9 | 0n11 | 0 51 | 5 47 | 1 4 | 0 16 | 2 5 | 11 55 | 0 30 | 2 16 | 1 25 | 22 9 | 4 46 | 21 53 | 22 0 | 24 38 | 15 58 | 2 3 |
| F 26 | 2 11 | 5 52 | 4 49 | 8 44 | 0 47 | 8 34 | 1 10 | 0 30 | 0 50 | 5 52 | 1 4 | 0 19 | 2 5 | 11 56 | 0 30 | 2 15 | 1 25 | 22 9 | 4 45 | 21 55 | 22 0 | 24 37 | 15 57 | 2 4 |
| S 27 | 2 35 | 11 18 | 5 1 | 9 34 | 1 0 | 8 7 | 1 12 | 0 49 | 0 50 | 5 58 | 1 4 | 0 22 | 2 5 | 11 57 | 0 30 | 2 15 | 1 25 | 22 10 | 4 45 | 21 57 | 22 0 | 24 36 | 15 56 | 2 4 |
| S 28 | 2 58 | 16 6 | 4 56 | 10 23 | 1 12 | 7 41 | 1 14 | 1 8 | 0 50 | 6 3 | 1 4 | 0 25 | 2 5 | 11 58 | 0 30 | 2 14 | 1 25 | 22 10 | 4 45 | 21 59 | 22 1 | 24 35 | 15 55 | 2 5 |
| M29 | 3 22 | 20 3 | 4 36 | 11 9 | 1 25 | 7 14 | 1 15 | 1 27 | 0 49 | 6 9 | 1 4 | 0 28 | 2 5 | 12 0 | 0 30 | 2 13 | 1 25 | 22 10 | 4 45 | 22 0 | 22 1 | 24 34 | 15 54 | 2 5 |
| T 30 | 3 45 | 23 0 | 4 4 | 11 53 | 1 37 | 6 46 | 1 17 | 1 46 | 0 49 | 6 14 | 1 4 | 0 31 | 2 5 | 12 1 | 0 30 | 2 13 | 1 25 | 22 10 | 4 45 | 22 1 | 22 2 | 24 33 | 15 53 | 2 6 |
| W31 | 4n 8 | 24n49 | 3n20 | 12n35 | 1n49 | 6s19 | 1s18 | 2n 5 | 0s48 | 6n20 | 1s 4 | 0n34 | 2s 5 | 12n 2 | 0s30 | 2s12 | 1n25 | 22n10 | 4n45 | 22s 2 | 22s 2 | 24n32 | 15s51 | 2n 6 |

Julian Day Number = 2611580.5, Delta T = 10m32s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°51'59, Lahiri = 29°59'01


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## APRIL 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 38 24 | 11♈28'09 | 19♊34 | 29♈44 | 18♓15 | 7♈53 | 18♈57 | 6♈22 | 3♉ 6 | 8°R50 | 10°R23 | 18°R56 | 18♑58 | 5♋11 | 20°R40 | T 1 |
| F 2 | 12 42 20 | 12°27'36 | 1♋25 | 0♉58 | 19°29 | 8°40 | 19°11 | 6°30 | 3° 9 | 8♎48 | 10♒22 | 18♑54 | 18°55 | 5°18 | 20♏37 | F 2 |
| S 3 | 12 46 17 | 13°27'02 | 13°13 | 2° 5 | 20°42 | 9°27 | 19°26 | 6°37 | 3°12 | 8°46 | 10°22 | 18°54 | 18°52 | 5°24 | 20°34 | S 3 |
| S 4 | 12 50 13 | 14°26'25 | 25° 3 | 3° 6 | 21°56 | 10°13 | 19°40 | 6°44 | 3°16 | 8°45 | 10°21 | 18°54 | 18°48 | 5°31 | 20°31 | S 4 |
| M 5 | 12 54 10 | 15°25'46 | 7♌ 1 | 4° 0 | 23°10 | 11° 0 | 19°55 | 6°52 | 3°19 | 8°43 | 10°21 | 18°53 | 18°45 | 5°38 | 20°28 | M 5 |
| T 6 | 12 58 7 | 16°25'05 | 19°12 | 4°48 | 24°24 | 11°47 | 20° 9 | 6°59 | 3°22 | 8°41 | 10°20 | 18°50 | 18°42 | 5°44 | 20°25 | T 6 |
| W 7 | 13 2 3 | 17°24'21 | 1♍41 | 5°28 | 25°38 | 12°33 | 20°24 | 7° 6 | 3°26 | 8°40 | 10°20 | 18°45 | 18°39 | 5°51 | 20°21 | W 7 |
| T 8 | 13 6 0 | 18°23'35 | 14°31 | 6° 2 | 26°52 | 13°20 | 20°38 | 7°14 | 3°29 | 8°38 | 10°20 | 18°37 | 18°36 | 5°58 | 20°18 | T 8 |
| F 9 | 13 9 56 | 19°22'47 | 27°43 | 6°28 | 28° 6 | 14° 6 | 20°53 | 7°21 | 3°32 | 8°36 | 10°19 | 18°27 | 18°32 | 6° 4 | 20°14 | F 9 |
| S 10 | 13 13 53 | 20°21'56 | 11♎17 | 6°46 | 29°20 | 14°53 | 21° 7 | 7°28 | 3°36 | 8°35 | 10°19 | 18°15 | 18°29 | 6°11 | 20°11 | S 10 |
| S 11 | 13 17 49 | 21°21'04 | 25°11 | 6°58 | 0♈34 | 15°39 | 21°22 | 7°36 | 3°39 | 8°33 | 10°18 | 18° 3 | 18°26 | 6°18 | 20° 7 | S 11 |
| M12 | 13 21 46 | 22°20'10 | 9♏20 | 7°R 3 | 1°48 | 16°26 | 21°37 | 7°43 | 3°42 | 8°32 | 10°18 | 17°51 | 18°23 | 6°24 | 20° 4 | M12 |
| T 13 | 13 25 42 | 23°19'14 | 23°39 | 7° 0 | 3° 2 | 17°12 | 21°51 | 7°50 | 3°46 | 8°30 | 10°18 | 17°41 | 18°20 | 6°31 | 20° 0 | T 13 |
| W14 | 13 29 39 | 24°18'16 | 8♐ 2 | 6°51 | 4°16 | 17°58 | 22° 6 | 7°57 | 3°49 | 8°28 | 10°18 | 17°34 | 18°17 | 6°37 | 19°56 | W14 |
| T 15 | 13 33 36 | 25°17'16 | 22°25 | 6°36 | 5°30 | 18°45 | 22°20 | 8° 5 | 3°53 | 8°27 | 10°17 | 17°30 | 18°13 | 6°44 | 19°52 | T 15 |
| F 16 | 13 37 32 | 26°16'15 | 6♑42 | 6°15 | 6°43 | 19°31 | 22°35 | 8°12 | 3°56 | 8°25 | 10°17 | 17°28 | 18°10 | 6°51 | 19°48 | F 16 |
| S 17 | 13 41 29 | 27°15'12 | 20°52 | 5°49 | 7°57 | 20°17 | 22°49 | 8°19 | 3°59 | 8°24 | 10°17 | 17°28 | 18° 7 | 6°57 | 19°44 | S 17 |
| S 18 | 13 45 25 | 28°14'07 | 4♒54 | 5°18 | 9°11 | 21° 3 | 23° 4 | 8°26 | 4° 3 | 8°22 | 10°17 | 17°28 | 18° 4 | 7° 4 | 19°40 | S 18 |
| M19 | 13 49 22 | 29°13'00 | 18°48 | 4°42 | 10°25 | 21°49 | 23°18 | 8°33 | 4° 6 | 8°21 | 10°17 | 17°27 | 18° 1 | 7°11 | 19°36 | M19 |
| T 20 | 13 53 18 | 0♉11'52 | 2♓32 | 4° 4 | 11°39 | 22°36 | 23°33 | 8°40 | 4°10 | 8°19 | 10°17 | 17°24 | 17°57 | 7°17 | 19°32 | T 20 |
| W21 | 13 57 15 | 1°10'42 | 16° 8 | 3°23 | 12°53 | 23°22 | 23°47 | 8°47 | 4°13 | 8°18 | 10°17 | 17°17 | 17°54 | 7°24 | 19°27 | W21 |
| T 22 | 14 1 11 | 2° 9'30 | 29°33 | 2°40 | 14° 7 | 24° 8 | 24° 2 | 8°54 | 4°17 | 8°16 | 10°17 | 17° 9 | 17°51 | 7°31 | 19°23 | T 22 |
| F 23 | 14 5 8 | 3° 8'16 | 12♈47 | 1°56 | 15°21 | 24°54 | 24°16 | 9° 1 | 4°20 | 8°15 | 10°D17 | 16°58 | 17°48 | 7°37 | 19°19 | F 23 |
| S 24 | 14 9 5 | 4° 7'01 | 25°49 | 1°12 | 16°35 | 25°40 | 24°30 | 9° 8 | 4°23 | 8°13 | 10°17 | 16°45 | 17°45 | 7°44 | 19°14 | S 24 |
| S 25 | 14 13 1 | 5° 5'43 | 8♉36 | 0°29 | 17°48 | 26°26 | 24°45 | 9°15 | 4°27 | 8°12 | 10°17 | 16°33 | 17°42 | 7°51 | 19°10 | S 25 |
| M26 | 14 16 58 | 6° 4'24 | 21°10 | 29♈47 | 19° 2 | 27°11 | 24°59 | 9°22 | 4°30 | 8°10 | 10°17 | 16°22 | 17°38 | 7°57 | 19° 6 | M26 |
| T 27 | 14 20 54 | 7° 3'03 | 3♊29 | 29° 8 | 20°16 | 27°57 | 25°14 | 9°29 | 4°34 | 8° 9 | 10°17 | 16°12 | 17°35 | 8° 4 | 19° 1 | T 27 |
| W28 | 14 24 51 | 8° 1'40 | 15°35 | 28°31 | 21°30 | 28°43 | 25°28 | 9°36 | 4°37 | 8° 8 | 10°17 | 16° 6 | 17°32 | 8°11 | 18°57 | W28 |
| T 29 | 14 28 47 | 9° 0'14 | 27°32 | 27°58 | 22°44 | 29°29 | 25°42 | 9°43 | 4°41 | 8° 6 | 10°17 | 16° 1 | 17°29 | 8°17 | 18°52 | T 29 |
| F 30 | 14 32 44 | 9♉58'47 | 9♋21 | 27♈29 | 23♈58 | 0♉14 | 25♈57 | 9♈50 | 4♉44 | 8♎ 5 | 10♒18 | 16♑ 0 | 17♑26 | 8♋24 | 18♏48 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n32 | 25n27 | 2n29 | 13n14 | 2n 0 | 5s51 | 1s19 | 2n23 | 0s48 | 6n25 | 1s 4 | 0n37 | 2s 5 | 12n 3 | 0s30 | 2s11 | 1n25 | 22n10 | 4n45 | 22s 3 | 22s 3 | 24n31 | 15s50 | 2n 7 |
| F 2 | 4 55 | 24 54 | 1 31 | 13 50 | 2 11 | 5 24 | 1 21 | 2 42 | 0 47 | 6 31 | 1 4 | 0 39 | 2 5 | 12 4 | 0 30 | 2 11 | 1 25 | 22 10 | 4 45 | 22 3 | 22 3 | 24 29 | 15 49 | 2 7 |
| S 3 | 5 18 | 23 14 | 0 30 | 14 23 | 2 22 | 4 56 | 1 22 | 3 1 | 0 47 | 6 36 | 1 4 | 0 42 | 2 5 | 12 5 | 0 30 | 2 10 | 1 25 | 22 10 | 4 45 | 22 3 | 22 4 | 24 28 | 15 48 | 2 8 |
| S 4 | 5 41 | 20 32 | 0s33 | 14 53 | 2 31 | 4 28 | 1 23 | 3 20 | 0 46 | 6 42 | 1 4 | 0 45 | 2 5 | 12 6 | 0 30 | 2 9 | 1 25 | 22 11 | 4 45 | 22 3 | 22 4 | 24 27 | 15 46 | 2 8 |
| M 5 | 6 4 | 16 57 | 1 34 | 15 20 | 2 40 | 4 0 | 1 24 | 3 38 | 0 46 | 6 47 | 1 4 | 0 48 | 2 5 | 12 7 | 0 30 | 2 9 | 1 25 | 22 11 | 4 45 | 22 3 | 22 4 | 24 26 | 15 45 | 2 9 |
| T 6 | 6 26 | 12 36 | 2 33 | 15 44 | 2 48 | 3 31 | 1 25 | 3 57 | 0 45 | 6 53 | 1 4 | 0 51 | 2 5 | 12 8 | 0 30 | 2 8 | 1 25 | 22 11 | 4 45 | 22 4 | 22 5 | 24 25 | 15 44 | 2 9 |
| W 7 | 6 49 | 7 39 | 3 26 | 16 4 | 2 55 | 3 3 | 1 26 | 4 16 | 0 45 | 6 58 | 1 3 | 0 54 | 2 5 | 12 10 | 0 30 | 2 8 | 1 25 | 22 11 | 4 45 | 22 4 | 22 5 | 24 24 | 15 42 | 2 10 |
| T 8 | 7 12 | 2 14 | 4 10 | 16 21 | 3 1 | 2 34 | 1 27 | 4 34 | 0 44 | 7 4 | 1 3 | 0 57 | 2 5 | 12 11 | 0 30 | 2 7 | 1 25 | 22 11 | 4 45 | 22 6 | 22 6 | 24 23 | 15 41 | 2 10 |
| F 9 | 7 34 | 3s24 | 4 41 | 16 34 | 3 6 | 2 6 | 1 28 | 4 53 | 0 44 | 7 9 | 1 3 | 0 59 | 2 5 | 12 12 | 0 30 | 2 6 | 1 25 | 22 11 | 4 45 | 22 7 | 22 6 | 24 21 | 15 40 | 2 11 |
| S 10 | 7 56 | 9 2 | 4 58 | 16 43 | 3 9 | 1 37 | 1 29 | 5 11 | 0 43 | 7 15 | 1 3 | 1 2 | 2 5 | 12 13 | 0 30 | 2 6 | 1 25 | 22 11 | 4 45 | 22 9 | 22 7 | 24 20 | 15 38 | 2 11 |
| S 11 | 8 18 | 14 21 | 4 58 | 16 49 | 3 11 | 1 8 | 1 29 | 5 29 | 0 43 | 7 20 | 1 3 | 1 5 | 2 6 | 12 14 | 0 30 | 2 5 | 1 25 | 22 11 | 4 45 | 22 10 | 22 7 | 24 19 | 15 37 | 2 12 |
| M12 | 8 40 | 18 59 | 4 40 | 16 51 | 3 12 | 0 40 | 1 30 | 5 48 | 0 42 | 7 25 | 1 3 | 1 8 | 2 6 | 12 15 | 0 30 | 2 4 | 1 25 | 22 11 | 4 45 | 22 12 | 22 8 | 24 18 | 15 35 | 2 12 |
| T 13 | 9 2 | 22 35 | 4 4 | 16 49 | 3 11 | 0 11 | 1 30 | 6 6 | 0 42 | 7 31 | 1 3 | 1 11 | 2 6 | 12 17 | 0 30 | 2 4 | 1 25 | 22 11 | 4 45 | 22 13 | 22 8 | 24 17 | 15 34 | 2 13 |
| W14 | 9 24 | 24 46 | 3 12 | 16 44 | 3 8 | 0n18 | 1 31 | 6 24 | 0 41 | 7 36 | 1 3 | 1 13 | 2 6 | 12 18 | 0 30 | 2 3 | 1 25 | 22 11 | 4 45 | 22 14 | 22 8 | 24 16 | 15 32 | 2 13 |
| T 15 | 9 46 | 25 18 | 2 8 | 16 36 | 3 5 | 0 47 | 1 31 | 6 42 | 0 41 | 7 42 | 1 3 | 1 16 | 2 6 | 12 19 | 0 30 | 2 3 | 1 25 | 22 11 | 4 45 | 22 14 | 22 9 | 24 14 | 15 31 | 2 14 |
| F 16 | 10 7 | 24 10 | 0 57 | 16 23 | 2 59 | 1 16 | 1 32 | 7 0 | 0 40 | 7 47 | 1 3 | 1 19 | 2 6 | 12 20 | 0 30 | 2 2 | 1 25 | 22 11 | 4 45 | 22 15 | 22 9 | 24 13 | 15 29 | 2 14 |
| S 17 | 10 28 | 21 28 | 0n18 | 16 8 | 2 52 | 1 45 | 1 32 | 7 18 | 0 40 | 7 52 | 1 3 | 1 22 | 2 6 | 12 21 | 0 30 | 2 1 | 1 25 | 22 11 | 4 44 | 22 15 | 22 10 | 24 12 | 15 28 | 2 15 |
| S 18 | 10 49 | 17 31 | 1 31 | 15 49 | 2 44 | 2 13 | 1 32 | 7 36 | 0 39 | 7 58 | 1 3 | 1 24 | 2 6 | 12 22 | 0 30 | 2 1 | 1 25 | 22 11 | 4 44 | 22 15 | 22 10 | 24 11 | 15 26 | 2 15 |
| M19 | 11 10 | 12 39 | 2 38 | 15 28 | 2 34 | 2 42 | 1 32 | 7 53 | 0 39 | 8 3 | 1 3 | 1 27 | 2 6 | 12 23 | 0 30 | 2 0 | 1 25 | 22 11 | 4 44 | 22 15 | 22 10 | 24 9 | 15 25 | 2 16 |
| T 20 | 11 31 | 7 12 | 3 35 | 15 4 | 2 22 | 3 11 | 1 32 | 8 11 | 0 38 | 8 8 | 1 3 | 1 30 | 2 6 | 12 25 | 0 30 | 2 0 | 1 25 | 22 11 | 4 44 | 22 15 | 22 11 | 24 8 | 15 23 | 2 16 |
| W21 | 11 51 | 1 29 | 4 19 | 14 38 | 2 9 | 3 40 | 1 32 | 8 28 | 0 37 | 8 14 | 1 3 | 1 32 | 2 6 | 12 26 | 0 30 | 1 59 | 1 25 | 22 11 | 4 44 | 22 16 | 22 11 | 24 7 | 15 22 | 2 17 |
| T 22 | 12 12 | 4n13 | 4 48 | 14 11 | 1 56 | 4 8 | 1 32 | 8 46 | 0 37 | 8 19 | 1 3 | 1 35 | 2 7 | 12 27 | 0 30 | 1 58 | 1 25 | 22 11 | 4 44 | 22 17 | 22 12 | 24 6 | 15 20 | 2 17 |
| F 23 | 12 32 | 9 39 | 5 1 | 13 42 | 1 41 | 4 37 | 1 32 | 9 3 | 0 36 | 8 24 | 1 3 | 1 38 | 2 7 | 12 28 | 0 30 | 1 58 | 1 25 | 22 11 | 4 44 | 22 19 | 22 12 | 24 4 | 15 19 | 2 17 |
| S 24 | 12 52 | 14 34 | 4 58 | 13 12 | 1 25 | 5 5 | 1 32 | 9 20 | 0 36 | 8 30 | 1 3 | 1 40 | 2 7 | 12 29 | 0 30 | 1 57 | 1 25 | 22 11 | 4 44 | 22 20 | 22 13 | 24 3 | 15 17 | 2 18 |
| S 25 | 13 11 | 18 45 | 4 40 | 12 42 | 1 9 | 5 34 | 1 31 | 9 38 | 0 35 | 8 35 | 1 3 | 1 43 | 2 7 | 12 30 | 0 30 | 1 57 | 1 25 | 22 11 | 4 44 | 22 22 | 22 13 | 24 2 | 15 15 | 2 18 |
| M26 | 13 31 | 22 0 | 4 8 | 12 11 | 0 52 | 6 2 | 1 31 | 9 55 | 0 35 | 8 40 | 1 3 | 1 46 | 2 7 | 12 32 | 0 30 | 1 56 | 1 25 | 22 11 | 4 44 | 22 23 | 22 13 | 24 1 | 15 14 | 2 19 |
| T 27 | 13 50 | 24 10 | 3 26 | 11 42 | 0 35 | 6 30 | 1 31 | 10 11 | 0 34 | 8 45 | 1 3 | 1 48 | 2 7 | 12 33 | 0 30 | 1 56 | 1 25 | 22 11 | 4 44 | 22 24 | 22 14 | 23 59 | 15 12 | 2 19 |
| W28 | 14 9 | 25 10 | 2 34 | 11 13 | 0 18 | 6 58 | 1 30 | 10 28 | 0 33 | 8 50 | 1 3 | 1 51 | 2 7 | 12 34 | 0 30 | 1 55 | 1 25 | 22 10 | 4 44 | 22 25 | 22 14 | 23 58 | 15 11 | 2 20 |
| T 29 | 14 28 | 24 58 | 1 37 | 10 45 | 0 1 | 7 26 | 1 29 | 10 45 | 0 33 | 8 56 | 1 3 | 1 53 | 2 7 | 12 35 | 0 30 | 1 55 | 1 25 | 22 10 | 4 44 | 22 25 | 22 15 | 23 57 | 15 9 | 2 20 |
| F 30 | 14n46 | 23n39 | 0n35 | 10n19 | 0s15 | 7n54 | 1s29 | 11n 1 | 0s32 | 9n 1 | 1s 3 | 1n56 | 2s 7 | 12n36 | 0s30 | 1s54 | 1n25 | 22n10 | 4n44 | 22s26 | 22s15 | 23n56 | 15s 7 | 2n20 |

Julian Day Number = 2611611.5, Delta T = 10m33s
Ecliptic obliquity = 23°23'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'03, Lahiri = 29°59'05


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## MAY 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 36 40 | 10♉57'17 | 21♋ 8 | 27°R 3 | 25♈12 | 1♉ 0 | 26♈11 | 9♈56 | 4♉48 | 8°R 3 | 10♒18 | 16°D 0 | 17♑23 | 8♋30 | 18°R43 | S 1 |
| S 2 | 14 40 37 | 11°55'46 | 2♒58 | 26♈42 | 26°25 | 1°46 | 26°25 | 10° 3 | 4°51 | 8♎ 2 | 10°18 | 16♑ 0 | 17°19 | 8°37 | 18♏38 | S 2 |
| M 3 | 14 44 34 | 12°54'12 | 14°55 | 26°26 | 27°39 | 2°31 | 26°39 | 10°10 | 4°54 | 8° 1 | 10°18 | 16°R 0 | 17°16 | 8°44 | 18°34 | M 3 |
| T 4 | 14 48 30 | 13°52'36 | 27° 6 | 26°15 | 28°53 | 3°17 | 26°54 | 10°16 | 4°58 | 8° 0 | 10°19 | 15°59 | 17°13 | 8°50 | 18°29 | T 4 |
| W 5 | 14 52 27 | 14°50'58 | 9♍36 | 26° 8 | 0♉ 7 | 4° 2 | 27° 8 | 10°23 | 5° 1 | 7°58 | 10°19 | 15°57 | 17°10 | 8°57 | 18°24 | W 5 |
| T 6 | 14 56 23 | 15°49'18 | 22°28 | 26°D 7 | 1°21 | 4°47 | 27°22 | 10°30 | 5° 5 | 7°57 | 10°19 | 15°51 | 17° 7 | 9° 4 | 18°20 | T 6 |
| F 7 | 15 0 20 | 16°47'36 | 5♎45 | 26°10 | 2°34 | 5°33 | 27°36 | 10°36 | 5° 8 | 7°56 | 10°20 | 15°44 | 17° 3 | 9°10 | 18°15 | F 7 |
| S 8 | 15 4 16 | 17°45'52 | 19°29 | 26°18 | 3°48 | 6°18 | 27°50 | 10°42 | 5°11 | 7°55 | 10°20 | 15°36 | 17° 0 | 9°17 | 18°11 | S 8 |
| S 9 | 15 8 13 | 18°44'06 | 3♏37 | 26°31 | 5° 2 | 7° 3 | 28° 4 | 10°49 | 5°15 | 7°53 | 10°20 | 15°26 | 16°57 | 9°24 | 18° 6 | S 9 |
| M10 | 15 12 9 | 19°42'18 | 18° 5 | 26°49 | 6°16 | 7°48 | 28°18 | 10°55 | 5°18 | 7°52 | 10°21 | 15°18 | 16°54 | 9°30 | 18° 1 | M10 |
| T 11 | 15 16 6 | 20°40'29 | 2♐47 | 27°11 | 7°30 | 8°34 | 28°32 | 11° 2 | 5°21 | 7°51 | 10°21 | 15°11 | 16°51 | 9°37 | 17°57 | T 11 |
| W12 | 15 20 3 | 21°38'38 | 17°35 | 27°37 | 8°43 | 9°19 | 28°46 | 11° 8 | 5°25 | 7°50 | 10°22 | 15° 6 | 16°48 | 9°44 | 17°52 | W12 |
| T 13 | 15 23 59 | 22°36'45 | 2♑21 | 28° 7 | 9°57 | 10° 4 | 29° 0 | 11°14 | 5°28 | 7°49 | 10°22 | 15° 3 | 16°44 | 9°50 | 17°47 | T 13 |
| F 14 | 15 27 56 | 23°34'51 | 17° 0 | 28°42 | 11°11 | 10°49 | 29°14 | 11°20 | 5°31 | 7°48 | 10°23 | 15°D 2 | 16°41 | 9°57 | 17°43 | F 14 |
| S 15 | 15 31 52 | 24°32'56 | 1♒25 | 29°21 | 12°25 | 11°34 | 29°28 | 11°26 | 5°35 | 7°47 | 10°23 | 15° 3 | 16°38 | 10° 4 | 17°38 | S 15 |
| S 16 | 15 35 49 | 25°30'59 | 15°35 | 0♉ 3 | 13°38 | 12°19 | 29°42 | 11°32 | 5°38 | 7°46 | 10°24 | 15° 4 | 16°35 | 10°10 | 17°34 | S 16 |
| M17 | 15 39 45 | 26°29'01 | 29°28 | 0°49 | 14°52 | 13° 3 | 29°55 | 11°38 | 5°41 | 7°45 | 10°25 | 15°R 4 | 16°32 | 10°17 | 17°29 | M17 |
| T 18 | 15 43 42 | 27°27'02 | 13♓ 6 | 1°38 | 16° 6 | 13°48 | 0♉ 9 | 11°44 | 5°45 | 7°44 | 10°25 | 15° 3 | 16°29 | 10°23 | 17°24 | T 18 |
| W19 | 15 47 38 | 28°25'01 | 26°27 | 2°31 | 17°20 | 14°33 | 0°23 | 11°50 | 5°48 | 7°43 | 10°26 | 15° 0 | 16°25 | 10°30 | 17°20 | W19 |
| T 20 | 15 51 35 | 29°22'59 | 9♈34 | 3°27 | 18°33 | 15°18 | 0°36 | 11°56 | 5°51 | 7°42 | 10°27 | 14°55 | 16°22 | 10°37 | 17°15 | T 20 |
| F 21 | 15 55 32 | 0♊20'56 | 22°28 | 4°26 | 19°47 | 16° 2 | 0°50 | 12° 2 | 5°54 | 7°41 | 10°27 | 14°48 | 16°19 | 10°43 | 17°11 | F 21 |
| S 22 | 15 59 28 | 1°18'51 | 5♉ 9 | 5°28 | 21° 1 | 16°47 | 1° 3 | 12° 8 | 5°57 | 7°40 | 10°28 | 14°41 | 16°16 | 10°50 | 17° 7 | S 22 |
| S 23 | 16 3 25 | 2°16'45 | 17°38 | 6°33 | 22°14 | 17°31 | 1°17 | 12°13 | 6° 1 | 7°40 | 10°29 | 14°33 | 16°13 | 10°57 | 17° 2 | S 23 |
| M24 | 16 7 21 | 3°14'38 | 29°55 | 7°41 | 23°28 | 18°16 | 1°30 | 12°19 | 6° 4 | 7°39 | 10°30 | 14°26 | 16° 9 | 11° 3 | 16°58 | M24 |
| T 25 | 16 11 18 | 4°12'29 | 12♊ 2 | 8°52 | 24°42 | 19° 0 | 1°44 | 12°24 | 6° 7 | 7°38 | 10°30 | 14°20 | 16° 6 | 11°10 | 16°54 | T 25 |
| W26 | 16 15 14 | 5°10'19 | 24° 0 | 10° 5 | 25°56 | 19°45 | 1°57 | 12°30 | 6°10 | 7°37 | 10°31 | 14°16 | 16° 3 | 11°17 | 16°49 | W26 |
| T 27 | 16 19 11 | 6° 8'07 | 5♋52 | 11°21 | 27° 9 | 20°29 | 2°10 | 12°35 | 6°13 | 7°37 | 10°32 | 14°14 | 16° 0 | 11°23 | 16°45 | T 27 |
| F 28 | 16 23 7 | 7° 5'54 | 17°39 | 12°40 | 28°23 | 21°13 | 2°23 | 12°41 | 6°16 | 7°36 | 10°33 | 14°D14 | 15°57 | 11°30 | 16°41 | F 28 |
| S 29 | 16 27 4 | 8° 3'39 | 29°26 | 14° 1 | 29°37 | 21°58 | 2°36 | 12°46 | 6°19 | 7°35 | 10°34 | 14°15 | 15°54 | 11°37 | 16°37 | S 29 |
| S 30 | 16 31 1 | 9° 1'23 | 11♒16 | 15°25 | 0♊50 | 22°42 | 2°49 | 12°51 | 6°22 | 7°35 | 10°35 | 14°17 | 15°50 | 11°43 | 16°33 | S 30 |
| M31 | 16 34 57 | 9♊59'05 | 23♒13 | 16♉51 | 2♊ 4 | 23♉26 | 3♉ 2 | 12♈56 | 6♉25 | 7♎34 | 10♒36 | 14♑18 | 15♑47 | 11♋50 | 16♏29 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 5 | 21n16 | 0s27 | 9n54 | 0s32 | 8n21 | 1s28 | 11n18 | 0s32 | 9n 6 | 1s 4 | 1n58 | 2s 8 | 12n37 | 0s30 | 1s54 | 1n25 | 22n10 | 4n44 | 22s26 | 22s15 | 23n54 | 15s 6 | 2n21 |
| S 2 | 15 23 | 18 0 | 1 29 | 9 32 | 0 47 | 8 49 | 1 27 | 11 34 | 0 31 | 9 11 | 1 4 | 2 1 | 2 8 | 12 39 | 0 30 | 1 53 | 1 25 | 22 10 | 4 44 | 22 26 | 22 16 | 23 53 | 15 4 | 2 21 |
| M 3 | 15 40 | 13 57 | 2 28 | 9 12 | 1 3 | 9 16 | 1 27 | 11 50 | 0 31 | 9 16 | 1 4 | 2 3 | 2 8 | 12 40 | 0 30 | 1 53 | 1 25 | 22 10 | 4 44 | 22 26 | 22 16 | 23 52 | 15 2 | 2 22 |
| T 4 | 15 58 | 9 17 | 3 21 | 8 54 | 1 17 | 9 43 | 1 26 | 12 6 | 0 30 | 9 21 | 1 4 | 2 6 | 2 8 | 12 41 | 0 30 | 1 52 | 1 25 | 22 10 | 4 44 | 22 26 | 22 17 | 23 50 | 15 1 | 2 22 |
| W 5 | 16 15 | 4 9 | 4 6 | 8 39 | 1 31 | 10 10 | 1 25 | 12 22 | 0 29 | 9 26 | 1 4 | 2 8 | 2 8 | 12 42 | 0 30 | 1 52 | 1 25 | 22 10 | 4 43 | 22 26 | 22 17 | 23 49 | 14 59 | 2 22 |
| T 6 | 16 32 | 1s19 | 4 40 | 8 26 | 1 44 | 10 36 | 1 24 | 12 38 | 0 29 | 9 31 | 1 4 | 2 11 | 2 8 | 12 43 | 0 30 | 1 51 | 1 25 | 22 9 | 4 43 | 22 27 | 22 17 | 23 48 | 14 58 | 2 23 |
| F 7 | 16 49 | 6 53 | 5 1 | 8 16 | 1 57 | 11 2 | 1 23 | 12 54 | 0 28 | 9 36 | 1 4 | 2 13 | 2 8 | 12 44 | 0 30 | 1 51 | 1 25 | 22 9 | 4 43 | 22 27 | 22 18 | 23 46 | 14 56 | 2 23 |
| S 8 | 17 5 | 12 18 | 5 5 | 8 8 | 2 8 | 11 28 | 1 22 | 13 9 | 0 28 | 9 41 | 1 4 | 2 15 | 2 9 | 12 45 | 0 30 | 1 50 | 1 24 | 22 9 | 4 43 | 22 28 | 22 18 | 23 45 | 14 54 | 2 23 |
| S 9 | 17 21 | 17 14 | 4 50 | 8 3 | 2 18 | 11 54 | 1 21 | 13 25 | 0 27 | 9 46 | 1 4 | 2 18 | 2 9 | 12 46 | 0 30 | 1 50 | 1 24 | 22 9 | 4 43 | 22 30 | 22 19 | 23 44 | 14 53 | 2 24 |
| M10 | 17 37 | 21 18 | 4 17 | 8 0 | 2 28 | 12 20 | 1 19 | 13 40 | 0 26 | 9 51 | 1 4 | 2 20 | 2 9 | 12 48 | 0 30 | 1 49 | 1 24 | 22 9 | 4 43 | 22 30 | 22 19 | 23 42 | 14 51 | 2 24 |
| T 11 | 17 53 | 24 3 | 3 27 | 8 0 | 2 37 | 12 45 | 1 18 | 13 55 | 0 26 | 9 56 | 1 4 | 2 22 | 2 9 | 12 49 | 0 30 | 1 49 | 1 24 | 22 9 | 4 43 | 22 31 | 22 19 | 23 41 | 14 49 | 2 24 |
| W12 | 18 8 | 25 10 | 2 22 | 8 2 | 2 45 | 13 10 | 1 17 | 14 10 | 0 25 | 10 1 | 1 4 | 2 25 | 2 9 | 12 50 | 0 30 | 1 48 | 1 24 | 22 8 | 4 43 | 22 32 | 22 20 | 23 40 | 14 48 | 2 25 |
| T 13 | 18 23 | 24 29 | 1 8 | 8 6 | 2 52 | 13 34 | 1 15 | 14 25 | 0 24 | 10 6 | 1 4 | 2 27 | 2 9 | 12 51 | 0 30 | 1 48 | 1 24 | 22 8 | 4 43 | 22 32 | 22 20 | 23 38 | 14 46 | 2 25 |
| F 14 | 18 37 | 22 8 | 0n11 | 8 13 | 2 58 | 13 59 | 1 14 | 14 39 | 0 24 | 10 11 | 1 4 | 2 29 | 2 9 | 12 52 | 0 30 | 1 48 | 1 24 | 22 8 | 4 43 | 22 32 | 22 21 | 23 37 | 14 45 | 2 25 |
| S 15 | 18 52 | 18 23 | 1 27 | 8 21 | 3 3 | 14 23 | 1 12 | 14 54 | 0 23 | 10 15 | 1 4 | 2 31 | 2 10 | 12 53 | 0 30 | 1 47 | 1 24 | 22 8 | 4 43 | 22 32 | 22 21 | 23 36 | 14 43 | 2 26 |
| S 16 | 19 6 | 13 37 | 2 37 | 8 32 | 3 8 | 14 46 | 1 11 | 15 8 | 0 23 | 10 20 | 1 4 | 2 34 | 2 10 | 12 54 | 0 30 | 1 47 | 1 24 | 22 8 | 4 43 | 22 32 | 22 21 | 23 34 | 14 42 | 2 26 |
| M17 | 19 19 | 8 15 | 3 36 | 8 44 | 3 11 | 15 9 | 1 9 | 15 22 | 0 22 | 10 25 | 1 4 | 2 36 | 2 10 | 12 55 | 0 30 | 1 47 | 1 24 | 22 7 | 4 43 | 22 32 | 22 22 | 23 33 | 14 40 | 2 26 |
| T 18 | 19 33 | 2 35 | 4 22 | 8 58 | 3 14 | 15 32 | 1 8 | 15 36 | 0 21 | 10 30 | 1 4 | 2 38 | 2 10 | 12 56 | 0 30 | 1 46 | 1 24 | 22 7 | 4 43 | 22 32 | 22 22 | 23 31 | 14 38 | 2 27 |
| W19 | 19 46 | 3n 4 | 4 53 | 9 14 | 3 17 | 15 55 | 1 6 | 15 50 | 0 21 | 10 34 | 1 4 | 2 40 | 2 10 | 12 57 | 0 30 | 1 46 | 1 24 | 22 7 | 4 43 | 22 32 | 22 23 | 23 30 | 14 37 | 2 27 |
| T 20 | 19 58 | 8 29 | 5 7 | 9 32 | 3 18 | 16 17 | 1 4 | 16 4 | 0 20 | 10 39 | 1 4 | 2 42 | 2 10 | 12 58 | 0 30 | 1 46 | 1 24 | 22 7 | 4 43 | 22 33 | 22 23 | 23 29 | 14 35 | 2 27 |
| F 21 | 20 11 | 13 27 | 5 6 | 9 51 | 3 19 | 16 38 | 1 2 | 16 17 | 0 19 | 10 44 | 1 4 | 2 44 | 2 11 | 12 59 | 0 30 | 1 45 | 1 24 | 22 6 | 4 43 | 22 34 | 22 23 | 23 27 | 14 34 | 2 28 |
| S 22 | 20 23 | 17 45 | 4 49 | 10 11 | 3 19 | 17 0 | 1 1 | 16 31 | 0 19 | 10 48 | 1 4 | 2 46 | 2 11 | 13 1 | 0 30 | 1 45 | 1 24 | 22 6 | 4 43 | 22 35 | 22 24 | 23 26 | 14 32 | 2 28 |
| S 23 | 20 34 | 21 11 | 4 19 | 10 33 | 3 18 | 17 20 | 0 59 | 16 44 | 0 18 | 10 53 | 1 5 | 2 48 | 2 11 | 13 2 | 0 30 | 1 45 | 1 24 | 22 6 | 4 43 | 22 35 | 22 24 | 23 24 | 14 31 | 2 28 |
| M24 | 20 45 | 23 37 | 3 37 | 10 56 | 3 17 | 17 41 | 0 57 | 16 57 | 0 17 | 10 58 | 1 5 | 2 50 | 2 11 | 13 3 | 0 30 | 1 44 | 1 24 | 22 6 | 4 42 | 22 36 | 22 24 | 23 23 | 14 29 | 2 28 |
| T 25 | 20 56 | 24 55 | 2 46 | 11 21 | 3 15 | 18 1 | 0 55 | 17 10 | 0 17 | 11 2 | 1 5 | 2 52 | 2 11 | 13 4 | 0 30 | 1 44 | 1 24 | 22 5 | 4 42 | 22 37 | 22 25 | 23 21 | 14 28 | 2 29 |
| W26 | 21 7 | 25 3 | 1 48 | 11 46 | 3 12 | 18 20 | 0 53 | 17 22 | 0 16 | 11 7 | 1 5 | 2 54 | 2 12 | 13 5 | 0 30 | 1 44 | 1 24 | 22 5 | 4 42 | 22 37 | 22 25 | 23 20 | 14 27 | 2 29 |
| T 27 | 21 17 | 24 1 | 0 46 | 12 13 | 3 9 | 18 39 | 0 51 | 17 35 | 0 16 | 11 11 | 1 5 | 2 56 | 2 12 | 13 6 | 0 30 | 1 44 | 1 24 | 22 5 | 4 42 | 22 37 | 22 26 | 23 19 | 14 25 | 2 29 |
| F 28 | 21 27 | 21 55 | 0s19 | 12 40 | 3 5 | 18 57 | 0 49 | 17 47 | 0 15 | 11 15 | 1 5 | 2 58 | 2 12 | 13 7 | 0 30 | 1 43 | 1 24 | 22 5 | 4 42 | 22 37 | 22 26 | 23 17 | 14 24 | 2 29 |
| S 29 | 21 36 | 18 53 | 1 22 | 13 8 | 3 0 | 19 15 | 0 47 | 17 59 | 0 14 | 11 20 | 1 5 | 3 0 | 2 12 | 13 8 | 0 30 | 1 43 | 1 24 | 22 4 | 4 42 | 22 37 | 22 26 | 23 16 | 14 22 | 2 30 |
| S 30 | 21 45 | 15 4 | 2 22 | 13 38 | 2 55 | 19 33 | 0 45 | 18 11 | 0 14 | 11 24 | 1 5 | 3 2 | 2 12 | 13 9 | 0 30 | 1 43 | 1 24 | 22 4 | 4 42 | 22 37 | 22 27 | 23 14 | 14 21 | 2 30 |
| M31 | 21n54 | 10n38 | 3s17 | 14n 7 | 2s49 | 19n50 | 0s43 | 18n23 | 0s13 | 11n29 | 1s 5 | 3n 4 | 2s13 | 13n10 | 0s30 | 1s43 | 1n24 | 22n 4 | 4n42 | 22s37 | 22s27 | 23n13 | 14s20 | 2n30 |

Julian Day Number = 2611641.5, Delta T = 10m33s
Ecliptic obliquity = 23°22'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'08, Lahiri = 29°59'09


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## JUNE 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 38 54 | 10♊56'46 | 5♍23 | 18♉20 | 3♊18 | 24♉10 | 3♉15 | 13♈ 1 | 6♉28 | 7°R34 | 10♘37 | 14°R19 | 15♑44 | 11♋57 | 16°R25 | T 1 |
| W 2 | 16 42 50 | 11°54'25 | 17°51 | 19°51 | 4°32 | 24°54 | 3°28 | 13° 6 | 6°31 | 7♎33 | 10°38 | 14♑19 | 15°41 | 12° 3 | 16♏21 | W 2 |
| T 3 | 16 46 47 | 12°52'03 | 0♎40 | 21°24 | 5°45 | 25°38 | 3°41 | 13°11 | 6°34 | 7°32 | 10°39 | 14°18 | 15°38 | 12°10 | 16°17 | T 3 |
| F 4 | 16 50 43 | 13°49'39 | 13°55 | 23° 0 | 6°59 | 26°22 | 3°54 | 13°16 | 6°37 | 7°32 | 10°40 | 14°15 | 15°35 | 12°16 | 16°13 | F 4 |
| S 5 | 16 54 40 | 14°47'14 | 27°38 | 24°38 | 8°13 | 27° 5 | 4° 7 | 13°21 | 6°40 | 7°32 | 10°41 | 14°12 | 15°31 | 12°23 | 16°10 | S 5 |
| S 6 | 16 58 36 | 15°44'47 | 11♏47 | 26°18 | 9°26 | 27°49 | 4°19 | 13°26 | 6°43 | 7°31 | 10°42 | 14° 8 | 15°28 | 12°30 | 16° 6 | S 6 |
| M 7 | 17 2 33 | 16°42'19 | 26°21 | 28° 1 | 10°40 | 28°33 | 4°32 | 13°30 | 6°46 | 7°31 | 10°43 | 14° 4 | 15°25 | 12°36 | 16° 3 | M 7 |
| T 8 | 17 6 30 | 17°39'50 | 11♐14 | 29°47 | 11°54 | 29°17 | 4°44 | 13°35 | 6°48 | 7°30 | 10°44 | 14° 1 | 15°22 | 12°43 | 15°59 | T 8 |
| W 9 | 17 10 26 | 18°37'21 | 26°18 | 1♊34 | 13° 7 | 0♊ 0 | 4°57 | 13°39 | 6°51 | 7°30 | 10°45 | 13°59 | 15°19 | 12°50 | 15°56 | W 9 |
| T 10 | 17 14 23 | 19°34'50 | 11♑24 | 3°24 | 14°21 | 0°44 | 5° 9 | 13°44 | 6°54 | 7°30 | 10°46 | 13°D58 | 15°15 | 12°56 | 15°52 | T 10 |
| F 11 | 17 18 19 | 20°32'18 | 26°22 | 5°17 | 15°35 | 1°27 | 5°21 | 13°48 | 6°57 | 7°30 | 10°48 | 13°58 | 15°12 | 13° 3 | 15°49 | F 11 |
| S 12 | 17 22 16 | 21°29'45 | 11♒ 7 | 7°11 | 16°48 | 2°11 | 5°33 | 13°52 | 6°59 | 7°29 | 10°49 | 13°59 | 15° 9 | 13°10 | 15°46 | S 12 |
| S 13 | 17 26 12 | 22°27'12 | 25°32 | 9° 8 | 18° 2 | 2°54 | 5°45 | 13°57 | 7° 2 | 7°29 | 10°50 | 14° 0 | 15° 6 | 13°16 | 15°43 | S 13 |
| M14 | 17 30 9 | 23°24'38 | 9♓35 | 11° 7 | 19°16 | 3°37 | 5°57 | 14° 1 | 7° 5 | 7°29 | 10°51 | 14° 2 | 15° 3 | 13°23 | 15°40 | M14 |
| T 15 | 17 34 6 | 24°22'03 | 23°15 | 13° 8 | 20°29 | 4°21 | 6° 9 | 14° 5 | 7° 7 | 7°29 | 10°52 | 14°R 2 | 15° 0 | 13°30 | 15°37 | T 15 |
| W16 | 17 38 2 | 25°19'28 | 6♈34 | 15°11 | 21°43 | 5° 4 | 6°21 | 14° 9 | 7°10 | 7°29 | 10°54 | 14° 2 | 14°56 | 13°36 | 15°34 | W16 |
| T 17 | 17 41 59 | 26°16'52 | 19°32 | 17°16 | 22°57 | 5°47 | 6°33 | 14°13 | 7°12 | 7°29 | 10°55 | 14° 1 | 14°53 | 13°43 | 15°31 | T 17 |
| F 18 | 17 45 55 | 27°14'15 | 2♉13 | 19°23 | 24°10 | 6°30 | 6°45 | 14°16 | 7°15 | 7°D29 | 10°56 | 13°59 | 14°50 | 13°49 | 15°29 | F 18 |
| S 19 | 17 49 52 | 28°11'39 | 14°40 | 21°31 | 25°24 | 7°13 | 6°56 | 14°20 | 7°17 | 7°29 | 10°58 | 13°56 | 14°47 | 13°56 | 15°26 | S 19 |
| S 20 | 17 53 48 | 29° 9'01 | 26°54 | 23°40 | 26°38 | 7°56 | 7° 8 | 14°24 | 7°20 | 7°29 | 10°59 | 13°54 | 14°44 | 14° 3 | 15°24 | S 20 |
| M21 | 17 57 45 | 0♋ 6'23 | 8♊58 | 25°50 | 27°52 | 8°39 | 7°19 | 14°27 | 7°22 | 7°29 | 11° 0 | 13°52 | 14°41 | 14° 9 | 15°21 | M21 |
| T 22 | 18 1 41 | 1° 3'45 | 20°54 | 28° 2 | 29° 5 | 9°22 | 7°30 | 14°31 | 7°24 | 7°29 | 11° 2 | 13°51 | 14°37 | 14°16 | 15°19 | T 22 |
| W23 | 18 5 38 | 2° 1'06 | 2♋45 | 0♋13 | 0♋19 | 10° 5 | 7°42 | 14°34 | 7°27 | 7°29 | 11° 3 | 13°50 | 14°34 | 14°23 | 15°17 | W23 |
| T 24 | 18 9 35 | 2°58'26 | 14°33 | 2°25 | 1°33 | 10°48 | 7°53 | 14°37 | 7°29 | 7°29 | 11° 4 | 13°D50 | 14°31 | 14°29 | 15°15 | T 24 |
| F 25 | 18 13 31 | 3°55'46 | 26°20 | 4°37 | 2°46 | 11°31 | 8° 4 | 14°40 | 7°31 | 7°30 | 11° 6 | 13°50 | 14°28 | 14°36 | 15°13 | F 25 |
| S 26 | 18 17 28 | 4°53'05 | 8♌ 8 | 6°49 | 4° 0 | 12°13 | 8°15 | 14°43 | 7°33 | 7°30 | 11° 7 | 13°51 | 14°25 | 14°43 | 15°11 | S 26 |
| S 27 | 18 21 24 | 5°50'23 | 20° 1 | 9° 0 | 5°14 | 12°56 | 8°26 | 14°46 | 7°36 | 7°30 | 11° 9 | 13°51 | 14°21 | 14°49 | 15° 9 | S 27 |
| M28 | 18 25 21 | 6°47'41 | 2♍ 2 | 11°10 | 6°28 | 13°38 | 8°36 | 14°49 | 7°38 | 7°30 | 11°10 | 13°52 | 14°18 | 14°56 | 15° 7 | M28 |
| T 29 | 18 29 17 | 7°44'58 | 14°14 | 13°19 | 7°41 | 14°21 | 8°47 | 14°52 | 7°40 | 7°31 | 11°12 | 13°53 | 14°15 | 15° 3 | 15° 6 | T 29 |
| W30 | 18 33 14 | 8♋42'14 | 26♍42 | 15♋27 | 8♋55 | 15♊ 3 | 8♉57 | 14♈55 | 7♉42 | 7♎31 | 11♘13 | 13♑53 | 14♑12 | 15♋ 9 | 15♏ 4 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 2 | 5n44 | 4s 4 | 14n38 | 2s43 | 20n 6 | 0s41 | 18n34 | 0s12 | 11n33 | 1s 5 | 3n 5 | 2s13 | 13n11 | 0s30 | 1s43 | 1n24 | 22n 3 | 4n42 | 22s37 | 22s27 | 23n11 | 14s18 | 2n30 |
| W 2 | 22 10 | 0 29 | 4 41 | 15 9 | 2 37 | 20 22 | 0 38 | 18 46 | 0 12 | 11 37 | 1 5 | 3 7 | 2 13 | 13 12 | 0 30 | 1 42 | 1 24 | 22 3 | 4 42 | 22 37 | 22 28 | 23 10 | 14 17 | 2 30 |
| T 3 | 22 17 | 4s55 | 5 5 | 15 40 | 2 29 | 20 37 | 0 36 | 18 57 | 0 11 | 11 41 | 1 5 | 3 9 | 2 13 | 13 13 | 0 30 | 1 42 | 1 24 | 22 3 | 4 42 | 22 37 | 22 28 | 23 8 | 14 16 | 2 31 |
| F 4 | 22 24 | 10 17 | 5 13 | 16 12 | 2 22 | 20 52 | 0 34 | 19 8 | 0 10 | 11 46 | 1 5 | 3 11 | 2 13 | 13 13 | 0 30 | 1 42 | 1 24 | 22 2 | 4 42 | 22 37 | 22 29 | 23 7 | 14 15 | 2 31 |
| S 5 | 22 31 | 15 21 | 5 5 | 16 43 | 2 14 | 21 6 | 0 32 | 19 18 | 0 10 | 11 50 | 1 6 | 3 12 | 2 14 | 13 14 | 0 30 | 1 42 | 1 24 | 22 2 | 4 42 | 22 38 | 22 29 | 23 5 | 14 13 | 2 31 |
| S 6 | 22 37 | 19 44 | 4 38 | 17 15 | 2 5 | 21 20 | 0 29 | 19 29 | 0 9 | 11 54 | 1 6 | 3 14 | 2 14 | 13 15 | 0 30 | 1 42 | 1 24 | 22 2 | 4 42 | 22 38 | 22 29 | 23 4 | 14 12 | 2 31 |
| M 7 | 22 43 | 23 3 | 3 52 | 17 47 | 1 56 | 21 33 | 0 27 | 19 39 | 0 8 | 11 58 | 1 6 | 3 15 | 2 14 | 13 16 | 0 30 | 1 42 | 1 24 | 22 1 | 4 42 | 22 39 | 22 30 | 23 2 | 14 11 | 2 31 |
| T 8 | 22 49 | 24 53 | 2 50 | 18 19 | 1 47 | 21 45 | 0 25 | 19 49 | 0 8 | 12 2 | 1 6 | 3 17 | 2 14 | 13 17 | 0 30 | 1 42 | 1 24 | 22 1 | 4 42 | 22 39 | 22 30 | 23 1 | 14 10 | 2 32 |
| W 9 | 22 54 | 24 56 | 1 36 | 18 51 | 1 37 | 21 57 | 0 22 | 19 59 | 0 7 | 12 6 | 1 6 | 3 18 | 2 15 | 13 18 | 0 30 | 1 42 | 1 23 | 22 1 | 4 42 | 22 39 | 22 30 | 22 59 | 14 9 | 2 32 |
| T 10 | 22 58 | 23 8 | 0 14 | 19 22 | 1 27 | 22 8 | 0 20 | 20 9 | 0 6 | 12 10 | 1 6 | 3 20 | 2 15 | 13 19 | 0 30 | 1 41 | 1 23 | 22 0 | 4 42 | 22 39 | 22 31 | 22 58 | 14 8 | 2 32 |
| F 11 | 23 3 | 19 43 | 1n 8 | 19 52 | 1 17 | 22 19 | 0 18 | 20 19 | 0 6 | 12 14 | 1 6 | 3 21 | 2 15 | 13 20 | 0 30 | 1 41 | 1 23 | 22 0 | 4 42 | 22 39 | 22 31 | 22 56 | 14 6 | 2 32 |
| S 12 | 23 7 | 15 5 | 2 24 | 20 22 | 1 6 | 22 28 | 0 15 | 20 28 | 0 5 | 12 18 | 1 6 | 3 23 | 2 15 | 13 21 | 0 30 | 1 41 | 1 23 | 22 0 | 4 42 | 22 39 | 22 31 | 22 55 | 14 5 | 2 32 |
| S 13 | 23 10 | 9 41 | 3 30 | 20 51 | 0 55 | 22 38 | 0 13 | 20 37 | 0 4 | 12 22 | 1 6 | 3 24 | 2 15 | 13 22 | 0 30 | 1 41 | 1 23 | 21 59 | 4 42 | 22 39 | 22 32 | 22 53 | 14 4 | 2 32 |
| M14 | 23 13 | 3 56 | 4 21 | 21 19 | 0 44 | 22 46 | 0 11 | 20 46 | 0 4 | 12 26 | 1 6 | 3 26 | 2 16 | 13 22 | 0 30 | 1 41 | 1 23 | 21 59 | 4 42 | 22 39 | 22 32 | 22 52 | 14 3 | 2 33 |
| T 15 | 23 16 | 1n51 | 4 55 | 21 46 | 0 33 | 22 54 | 0 8 | 20 55 | 0 3 | 12 30 | 1 7 | 3 27 | 2 16 | 13 23 | 0 30 | 1 41 | 1 23 | 21 59 | 4 42 | 22 39 | 22 33 | 22 50 | 14 2 | 2 33 |
| W16 | 23 18 | 7 24 | 5 13 | 22 11 | 0 22 | 23 2 | 0 6 | 21 3 | 0 2 | 12 33 | 1 7 | 3 28 | 2 16 | 13 24 | 0 30 | 1 41 | 1 23 | 21 58 | 4 42 | 22 39 | 22 33 | 22 49 | 14 1 | 2 33 |
| T 17 | 23 20 | 12 28 | 5 14 | 22 35 | 0 11 | 23 8 | 0 4 | 21 12 | 0 2 | 12 37 | 1 7 | 3 30 | 2 16 | 13 25 | 0 30 | 1 41 | 1 23 | 21 58 | 4 42 | 22 39 | 22 33 | 22 47 | 14 1 | 2 33 |
| F 18 | 23 21 | 16 55 | 5 0 | 22 57 | 0 1 | 23 14 | 0 1 | 21 20 | 0 1 | 12 41 | 1 7 | 3 31 | 2 17 | 13 26 | 0 30 | 1 41 | 1 23 | 21 57 | 4 42 | 22 39 | 22 34 | 22 45 | 14 0 | 2 33 |
| S 19 | 23 22 | 20 31 | 4 32 | 23 17 | 0n10 | 23 19 | 0n 1 | 21 28 | 0 0 | 12 44 | 1 7 | 3 32 | 2 17 | 13 26 | 0 30 | 1 41 | 1 23 | 21 57 | 4 42 | 22 39 | 22 34 | 22 44 | 13 59 | 2 33 |
| S 20 | 23 23 | 23 10 | 3 52 | 23 35 | 0 21 | 23 24 | 0 4 | 21 35 | 0n 1 | 12 48 | 1 7 | 3 33 | 2 17 | 13 27 | 0 30 | 1 41 | 1 23 | 21 57 | 4 42 | 22 40 | 22 34 | 22 42 | 13 58 | 2 33 |
| M21 | 23 23 | 24 44 | 3 1 | 23 50 | 0 31 | 23 28 | 0 6 | 21 43 | 0 1 | 12 52 | 1 7 | 3 34 | 2 17 | 13 28 | 0 30 | 1 41 | 1 23 | 21 56 | 4 42 | 22 40 | 22 35 | 22 41 | 13 57 | 2 33 |
| T 22 | 23 23 | 25 8 | 2 4 | 24 3 | 0 41 | 23 31 | 0 8 | 21 50 | 0 2 | 12 55 | 1 7 | 3 35 | 2 18 | 13 29 | 0 30 | 1 42 | 1 23 | 21 56 | 4 42 | 22 40 | 22 35 | 22 39 | 13 56 | 2 34 |
| W23 | 23 22 | 24 22 | 1 1 | 24 13 | 0 50 | 23 34 | 0 11 | 21 57 | 0 3 | 12 59 | 1 8 | 3 36 | 2 18 | 13 29 | 0 30 | 1 42 | 1 23 | 21 56 | 4 42 | 22 40 | 22 35 | 22 38 | 13 56 | 2 34 |
| T 24 | 23 21 | 22 31 | 0s 4 | 24 21 | 0 59 | 23 36 | 0 13 | 22 4 | 0 3 | 13 2 | 1 8 | 3 37 | 2 18 | 13 30 | 0 30 | 1 42 | 1 23 | 21 55 | 4 42 | 22 40 | 22 36 | 22 36 | 13 55 | 2 34 |
| F 25 | 23 19 | 19 43 | 1 9 | 24 26 | 1 8 | 23 37 | 0 15 | 22 10 | 0 4 | 13 6 | 1 8 | 3 38 | 2 18 | 13 31 | 0 30 | 1 42 | 1 23 | 21 55 | 4 42 | 22 40 | 22 36 | 22 34 | 13 54 | 2 34 |
| S 26 | 23 18 | 16 5 | 2 11 | 24 28 | 1 15 | 23 37 | 0 18 | 22 17 | 0 5 | 13 9 | 1 8 | 3 39 | 2 19 | 13 32 | 0 30 | 1 42 | 1 23 | 21 54 | 4 42 | 22 40 | 22 36 | 22 33 | 13 54 | 2 34 |
| S 27 | 23 15 | 11 48 | 3 8 | 24 27 | 1 22 | 23 37 | 0 20 | 22 23 | 0 5 | 13 12 | 1 8 | 3 40 | 2 19 | 13 32 | 0 30 | 1 42 | 1 23 | 21 54 | 4 42 | 22 40 | 22 37 | 22 31 | 13 53 | 2 34 |
| M28 | 23 13 | 7 2 | 3 57 | 24 23 | 1 29 | 23 36 | 0 22 | 22 29 | 0 6 | 13 16 | 1 8 | 3 41 | 2 19 | 13 33 | 0 30 | 1 42 | 1 23 | 21 54 | 4 42 | 22 40 | 22 37 | 22 30 | 13 52 | 2 34 |
| T 29 | 23 9 | 1 56 | 4 36 | 24 17 | 1 35 | 23 34 | 0 25 | 22 35 | 0 7 | 13 19 | 1 8 | 3 42 | 2 19 | 13 34 | 0 30 | 1 42 | 1 23 | 21 53 | 4 42 | 22 40 | 22 37 | 22 28 | 13 52 | 2 34 |
| W30 | 23n 6 | 3s20 | 5s 4 | 24n 8 | 1n40 | 23n32 | 0n27 | 22n40 | 0n 7 | 13n22 | 1s 8 | 3n43 | 2s20 | 13n34 | 0s30 | 1s43 | 1n23 | 21n53 | 4n42 | 22s40 | 22s38 | 22n26 | 13s51 | 2n34 |

Julian Day Number = 2611672.5, Delta T = 10m33s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'12, Lahiri = 29°59'13


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## JULY 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 37 10 | 9♋39'30 | 9♎29 | 17♋34 | 10♋ 9 | 15♊46 | 9♉ 8 | 14♈58 | 7♉44 | 7♎32 | 11♌15 | 13°R53 | 14♑ 9 | 15♋16 | 15°R 3 | T 1 |
| F 2 | 18 41 7 | 10°36'45 | 22°38 | 19°39 | 11°23 | 16°28 | 9°18 | 15° 0 | 7°46 | 7°32 | 11°16 | 13♑53 | 14° 6 | 15°22 | 15♏ 1 | F 2 |
| S 3 | 18 45 4 | 11°33'59 | 6♏14 | 21°42 | 12°36 | 17°10 | 9°28 | 15° 2 | 7°48 | 7°32 | 11°18 | 13°53 | 14° 2 | 15°29 | 15° 0 | S 3 |
| S 4 | 18 49 0 | 12°31'13 | 20°15 | 23°44 | 13°50 | 17°52 | 9°38 | 15° 5 | 7°50 | 7°33 | 11°19 | 13°53 | 13°59 | 15°36 | 14°59 | S 4 |
| M 5 | 18 52 57 | 13°28'26 | 4♐43 | 25°43 | 15° 4 | 18°34 | 9°48 | 15° 7 | 7°52 | 7°33 | 11°21 | 13°D53 | 13°56 | 15°42 | 14°58 | M 5 |
| T 6 | 18 56 53 | 14°25'39 | 19°32 | 27°41 | 16°17 | 19°17 | 9°58 | 15° 9 | 7°53 | 7°34 | 11°22 | 13°53 | 13°53 | 15°49 | 14°57 | T 6 |
| W 7 | 19 0 50 | 15°22'52 | 4♑37 | 29°36 | 17°31 | 19°59 | 10° 8 | 15°11 | 7°55 | 7°35 | 11°24 | 13°53 | 13°50 | 15°56 | 14°56 | W 7 |
| T 8 | 19 4 46 | 16°20'04 | 19°49 | 1♒30 | 18°45 | 20°41 | 10°18 | 15°13 | 7°57 | 7°35 | 11°25 | 13°R53 | 13°47 | 16° 2 | 14°56 | T 8 |
| F 9 | 19 8 43 | 17°17'16 | 4♓59 | 3°22 | 19°59 | 21°22 | 10°27 | 15°15 | 7°59 | 7°36 | 11°27 | 13°53 | 13°43 | 16° 9 | 14°55 | F 9 |
| S 10 | 19 12 39 | 18°14'29 | 19°57 | 5°11 | 21°12 | 22° 4 | 10°37 | 15°17 | 8° 0 | 7°37 | 11°28 | 13°52 | 13°40 | 16°16 | 14°55 | S 10 |
| S 11 | 19 16 36 | 19°11'41 | 4♈37 | 6°59 | 22°26 | 22°46 | 10°46 | 15°19 | 8° 2 | 7°37 | 11°30 | 13°52 | 13°37 | 16°22 | 14°54 | S 11 |
| M12 | 19 20 33 | 20° 8'53 | 18°52 | 8°44 | 23°40 | 23°28 | 10°55 | 15°20 | 8° 3 | 7°38 | 11°32 | 13°51 | 13°34 | 16°29 | 14°54 | M12 |
| T 13 | 19 24 29 | 21° 6'06 | 2♈41 | 10°27 | 24°54 | 24°10 | 11° 4 | 15°22 | 8° 5 | 7°39 | 11°33 | 13°51 | 13°31 | 16°36 | 14°54 | T 13 |
| W14 | 19 28 26 | 22° 3'18 | 16° 4 | 12° 9 | 26° 8 | 24°51 | 11°13 | 15°23 | 8° 6 | 7°40 | 11°35 | 13°D50 | 13°27 | 16°42 | 14°D54 | W14 |
| T 15 | 19 32 22 | 23° 0'32 | 29° 2 | 13°48 | 27°21 | 25°33 | 11°22 | 15°24 | 8° 8 | 7°40 | 11°37 | 13°50 | 13°24 | 16°49 | 14°54 | T 15 |
| F 16 | 19 36 19 | 23°57'45 | 11♉39 | 15°25 | 28°35 | 26°14 | 11°30 | 15°25 | 8° 9 | 7°41 | 11°38 | 13°51 | 13°21 | 16°56 | 14°54 | F 16 |
| S 17 | 19 40 15 | 24°54'59 | 23°58 | 17° 0 | 29°49 | 26°56 | 11°39 | 15°27 | 8°10 | 7°42 | 11°40 | 13°52 | 13°18 | 17° 2 | 14°54 | S 17 |
| S 18 | 19 44 12 | 25°52'14 | 6♊ 4 | 18°33 | 1♌ 3 | 27°37 | 11°47 | 15°28 | 8°12 | 7°43 | 11°42 | 13°53 | 13°15 | 17° 9 | 14°55 | S 18 |
| M19 | 19 48 8 | 26°49'29 | 17°59 | 20° 4 | 2°17 | 28°18 | 11°55 | 15°28 | 8°13 | 7°44 | 11°43 | 13°54 | 13°12 | 17°15 | 14°55 | M19 |
| T 20 | 19 52 5 | 27°46'44 | 29°49 | 21°32 | 3°30 | 29° 0 | 12° 4 | 15°29 | 8°14 | 7°45 | 11°45 | 13°55 | 13° 8 | 17°22 | 14°56 | T 20 |
| W21 | 19 56 2 | 28°43'59 | 11♋36 | 22°59 | 4°44 | 29°41 | 12°11 | 15°30 | 8°15 | 7°46 | 11°47 | 13°R55 | 13° 5 | 17°29 | 14°57 | W21 |
| T 22 | 19 59 58 | 29°41'15 | 23°23 | 24°23 | 5°58 | 0♋22 | 12°19 | 15°30 | 8°17 | 7°47 | 11°48 | 13°55 | 13° 2 | 17°35 | 14°57 | T 22 |
| F 23 | 20 3 55 | 0♌38'32 | 5♌13 | 25°45 | 7°12 | 1° 3 | 12°27 | 15°31 | 8°18 | 7°48 | 11°50 | 13°54 | 12°59 | 17°42 | 14°58 | F 23 |
| S 24 | 20 7 51 | 1°35'48 | 17° 6 | 27° 5 | 8°26 | 1°44 | 12°34 | 15°31 | 8°19 | 7°49 | 11°52 | 13°52 | 12°56 | 17°49 | 14°59 | S 24 |
| S 25 | 20 11 48 | 2°33'05 | 29° 7 | 28°23 | 9°40 | 2°25 | 12°42 | 15°32 | 8°20 | 7°50 | 11°53 | 13°49 | 12°53 | 17°55 | 15° 1 | S 25 |
| M26 | 20 15 44 | 3°30'22 | 11♍16 | 29°38 | 10°53 | 3° 6 | 12°49 | 15°32 | 8°20 | 7°52 | 11°55 | 13°46 | 12°49 | 18° 2 | 15° 2 | M26 |
| T 27 | 20 19 41 | 4°27'39 | 23°36 | 0♍51 | 12° 7 | 3°47 | 12°56 | 15°R32 | 8°21 | 7°53 | 11°57 | 13°43 | 12°46 | 18° 9 | 15° 3 | T 27 |
| W28 | 20 23 37 | 5°24'57 | 6♎10 | 2° 1 | 13°21 | 4°28 | 13° 3 | 15°32 | 8°22 | 7°54 | 11°58 | 13°41 | 12°43 | 18°15 | 15° 5 | W28 |
| T 29 | 20 27 34 | 6°22'14 | 18°59 | 3° 9 | 14°35 | 5° 9 | 13°10 | 15°32 | 8°23 | 7°55 | 12° 0 | 13°39 | 12°40 | 18°22 | 15° 6 | T 29 |
| F 30 | 20 31 31 | 7°19'33 | 2♏ 7 | 4°15 | 15°49 | 5°49 | 13°17 | 15°31 | 8°24 | 7°56 | 12° 2 | 13°D38 | 12°37 | 18°29 | 15° 8 | F 30 |
| S 31 | 20 35 27 | 8♌16'51 | 15♏36 | 5♍17 | 17♌ 3 | 6♋30 | 13♉23 | 15♈31 | 8♉24 | 7♎58 | 12♌ 4 | 13♑38 | 12♑33 | 18♋35 | 15♏10 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 2 | 8s36 | 5s17 | 23n57 | 1n44 | 23n29 | 0n29 | 22n45 | 0n 8 | 13n25 | 1s 9 | 3n44 | 2s20 | 13n35 | 0s30 | 1s43 | 1n23 | 21n52 | 4n42 | 22s40 | 22s38 | 22n25 | 13s51 | 2n34 |
| F 2 | 22 58 | 13 39 | 5 14 | 23 43 | 1 47 | 23 25 | 0 31 | 22 50 | 0 9 | 13 28 | 1 9 | 3 44 | 2 20 | 13 36 | 0 30 | 1 43 | 1 23 | 21 52 | 4 42 | 22 40 | 22 38 | 22 23 | 13 50 | 2 34 |
| S 3 | 22 53 | 18 11 | 4 54 | 23 27 | 1 50 | 23 21 | 0 34 | 22 55 | 0 9 | 13 31 | 1 9 | 3 45 | 2 21 | 13 36 | 0 30 | 1 43 | 1 23 | 21 51 | 4 42 | 22 40 | 22 39 | 22 21 | 13 50 | 2 35 |
| S 4 | 22 48 | 21 53 | 4 16 | 23 9 | 1 52 | 23 16 | 0 36 | 23 0 | 0 10 | 13 34 | 1 9 | 3 46 | 2 21 | 13 37 | 0 30 | 1 43 | 1 23 | 21 51 | 4 42 | 22 40 | 22 39 | 22 20 | 13 50 | 2 35 |
| M 5 | 22 42 | 24 19 | 3 21 | 22 48 | 1 53 | 23 10 | 0 38 | 23 4 | 0 11 | 13 37 | 1 9 | 3 46 | 2 21 | 13 37 | 0 30 | 1 44 | 1 22 | 21 51 | 4 42 | 22 40 | 22 39 | 22 18 | 13 49 | 2 35 |
| T 6 | 22 36 | 25 9 | 2 11 | 22 26 | 1 54 | 23 3 | 0 40 | 23 8 | 0 11 | 13 40 | 1 9 | 3 47 | 2 21 | 13 38 | 0 30 | 1 44 | 1 22 | 21 50 | 4 42 | 22 40 | 22 40 | 22 16 | 13 49 | 2 35 |
| W 7 | 22 30 | 24 9 | 0 51 | 22 2 | 1 53 | 22 56 | 0 42 | 23 12 | 0 12 | 13 43 | 1 10 | 3 47 | 2 22 | 13 38 | 0 30 | 1 44 | 1 22 | 21 50 | 4 42 | 22 40 | 22 40 | 22 15 | 13 49 | 2 35 |
| T 8 | 22 23 | 21 23 | 0n33 | 21 36 | 1 53 | 22 48 | 0 44 | 23 16 | 0 13 | 13 46 | 1 10 | 3 48 | 2 22 | 13 39 | 0 30 | 1 45 | 1 22 | 21 49 | 4 42 | 22 40 | 22 40 | 22 13 | 13 48 | 2 35 |
| F 9 | 22 16 | 17 7 | 1 55 | 21 9 | 1 51 | 22 40 | 0 46 | 23 20 | 0 14 | 13 49 | 1 10 | 3 48 | 2 22 | 13 40 | 0 30 | 1 45 | 1 22 | 21 49 | 4 42 | 22 40 | 22 41 | 22 11 | 13 48 | 2 35 |
| S 10 | 22 9 | 11 50 | 3 7 | 20 41 | 1 49 | 22 31 | 0 48 | 23 23 | 0 14 | 13 52 | 1 10 | 3 49 | 2 22 | 13 40 | 0 30 | 1 45 | 1 22 | 21 48 | 4 42 | 22 40 | 22 41 | 22 10 | 13 48 | 2 35 |
| S 11 | 22 1 | 5 58 | 4 6 | 20 12 | 1 46 | 22 21 | 0 50 | 23 26 | 0 15 | 13 54 | 1 10 | 3 49 | 2 23 | 13 41 | 0 30 | 1 45 | 1 22 | 21 48 | 4 42 | 22 40 | 22 41 | 22 8 | 13 48 | 2 35 |
| M12 | 21 53 | 0n 2 | 4 48 | 19 41 | 1 42 | 22 10 | 0 52 | 23 29 | 0 16 | 13 57 | 1 10 | 3 50 | 2 23 | 13 41 | 0 30 | 1 46 | 1 22 | 21 48 | 4 42 | 22 40 | 22 42 | 22 6 | 13 48 | 2 35 |
| T 13 | 21 44 | 5 50 | 5 12 | 19 9 | 1 38 | 21 59 | 0 54 | 23 32 | 0 16 | 14 0 | 1 10 | 3 50 | 2 23 | 13 42 | 0 30 | 1 46 | 1 22 | 21 47 | 4 42 | 22 40 | 22 42 | 22 5 | 13 48 | 2 35 |
| W14 | 21 35 | 11 11 | 5 17 | 18 37 | 1 34 | 21 47 | 0 56 | 23 34 | 0 17 | 14 2 | 1 11 | 3 50 | 2 24 | 13 42 | 0 30 | 1 46 | 1 22 | 21 47 | 4 42 | 22 40 | 22 42 | 22 3 | 13 48 | 2 35 |
| T 15 | 21 26 | 15 53 | 5 7 | 18 4 | 1 29 | 21 35 | 0 58 | 23 36 | 0 18 | 14 5 | 1 11 | 3 50 | 2 24 | 13 42 | 0 30 | 1 47 | 1 22 | 21 46 | 4 42 | 22 40 | 22 43 | 22 1 | 13 48 | 2 35 |
| F 16 | 21 16 | 19 45 | 4 41 | 17 30 | 1 23 | 21 22 | 1 0 | 23 38 | 0 18 | 14 7 | 1 11 | 3 51 | 2 24 | 13 43 | 0 30 | 1 47 | 1 22 | 21 46 | 4 42 | 22 40 | 22 43 | 22 0 | 13 48 | 2 35 |
| S 17 | 21 6 | 22 39 | 4 3 | 16 55 | 1 17 | 21 8 | 1 1 | 23 40 | 0 19 | 14 10 | 1 11 | 3 51 | 2 24 | 13 43 | 0 30 | 1 48 | 1 22 | 21 45 | 4 42 | 22 40 | 22 43 | 21 58 | 13 48 | 2 35 |
| S 18 | 20 55 | 24 28 | 3 15 | 16 20 | 1 10 | 20 54 | 1 3 | 23 41 | 0 20 | 14 12 | 1 11 | 3 51 | 2 25 | 13 44 | 0 30 | 1 48 | 1 22 | 21 45 | 4 42 | 22 40 | 22 44 | 21 56 | 13 48 | 2 35 |
| M19 | 20 45 | 25 9 | 2 19 | 15 45 | 1 3 | 20 39 | 1 5 | 23 43 | 0 20 | 14 15 | 1 12 | 3 51 | 2 25 | 13 44 | 0 30 | 1 48 | 1 22 | 21 45 | 4 42 | 22 40 | 22 44 | 21 55 | 13 48 | 2 35 |
| T 20 | 20 33 | 24 40 | 1 17 | 15 10 | 0 55 | 20 24 | 1 6 | 23 44 | 0 21 | 14 17 | 1 12 | 3 51 | 2 25 | 13 44 | 0 30 | 1 49 | 1 22 | 21 44 | 4 42 | 22 39 | 22 44 | 21 53 | 13 48 | 2 35 |
| W21 | 20 22 | 23 5 | 0 13 | 14 34 | 0 47 | 20 8 | 1 8 | 23 45 | 0 22 | 14 19 | 1 12 | 3 51 | 2 25 | 13 45 | 0 30 | 1 49 | 1 22 | 21 44 | 4 42 | 22 39 | 22 44 | 21 51 | 13 48 | 2 35 |
| T 22 | 20 10 | 20 30 | 0s52 | 13 58 | 0 38 | 19 51 | 1 9 | 23 45 | 0 22 | 14 21 | 1 12 | 3 51 | 2 26 | 13 45 | 0 30 | 1 50 | 1 22 | 21 43 | 4 42 | 22 39 | 22 45 | 21 49 | 13 48 | 2 35 |
| F 23 | 19 58 | 17 3 | 1 55 | 13 22 | 0 29 | 19 34 | 1 11 | 23 46 | 0 23 | 14 23 | 1 12 | 3 51 | 2 26 | 13 45 | 0 30 | 1 50 | 1 22 | 21 43 | 4 42 | 22 40 | 22 45 | 21 48 | 13 49 | 2 35 |
| S 24 | 19 45 | 12 55 | 2 53 | 12 46 | 0 20 | 19 16 | 1 12 | 23 46 | 0 24 | 14 26 | 1 12 | 3 51 | 2 26 | 13 46 | 0 30 | 1 51 | 1 22 | 21 42 | 4 42 | 22 40 | 22 45 | 21 46 | 13 49 | 2 35 |
| S 25 | 19 33 | 8 15 | 3 44 | 12 10 | 0 11 | 18 58 | 1 13 | 23 46 | 0 25 | 14 28 | 1 13 | 3 51 | 2 27 | 13 46 | 0 30 | 1 51 | 1 22 | 21 42 | 4 42 | 22 40 | 22 46 | 21 44 | 13 49 | 2 35 |
| M26 | 19 19 | 3 13 | 4 26 | 11 35 | 0 1 | 18 39 | 1 15 | 23 46 | 0 25 | 14 30 | 1 13 | 3 50 | 2 27 | 13 46 | 0 30 | 1 52 | 1 22 | 21 41 | 4 42 | 22 40 | 22 46 | 21 42 | 13 50 | 2 35 |
| T 27 | 19 6 | 2s 0 | 4 56 | 11 0 | 0s10 | 18 20 | 1 16 | 23 46 | 0 26 | 14 32 | 1 13 | 3 50 | 2 27 | 13 47 | 0 30 | 1 52 | 1 22 | 21 41 | 4 42 | 22 41 | 22 46 | 21 41 | 13 50 | 2 35 |
| W28 | 18 52 | 7 13 | 5 12 | 10 25 | 0 20 | 18 0 | 1 17 | 23 45 | 0 27 | 14 33 | 1 13 | 3 50 | 2 27 | 13 47 | 0 31 | 1 53 | 1 22 | 21 41 | 4 42 | 22 41 | 22 47 | 21 39 | 13 50 | 2 36 |
| T 29 | 18 38 | 12 15 | 5 14 | 9 50 | 0 31 | 17 40 | 1 18 | 23 44 | 0 27 | 14 35 | 1 13 | 3 50 | 2 28 | 13 47 | 0 31 | 1 53 | 1 22 | 21 40 | 4 42 | 22 41 | 22 47 | 21 37 | 13 51 | 2 36 |
| F 30 | 18 24 | 16 51 | 4 59 | 9 16 | 0 42 | 17 19 | 1 19 | 23 43 | 0 28 | 14 37 | 1 14 | 3 49 | 2 28 | 13 47 | 0 31 | 1 54 | 1 22 | 21 40 | 4 42 | 22 41 | 22 47 | 21 35 | 13 51 | 2 36 |
| S 31 | 18n 9 | 20s44 | 4s27 | 8n43 | 0s54 | 16n58 | 1n20 | 23n42 | 0n29 | 14n39 | 1s14 | 3n49 | 2s28 | 13n47 | 0s31 | 1s54 | 1n22 | 21n39 | 4n43 | 22s41 | 22s47 | 21n34 | 13s52 | 2n36 |

Julian Day Number = 2611702.5, Delta T = 10m34s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'16, Lahiri = 29°59'17


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## AUGUST 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 39 24 | 9♌14'10 | 29♏27 | 6♍17 | 18♌17 | 7♋11 | 13♉29 | 15°R31 | 8♉25 | 7♎59 | 12♌ 5 | 13♂39 | 12♂30 | 18♋42 | 15♏12 | S 1 |
| M 2 | 20 43 20 | 10°11'29 | 13♐41 | 7°14 | 19°30 | 7°51 | 13°35 | 15♈30 | 8°26 | 8° 0 | 12° 7 | 13°40 | 12°27 | 18°49 | 15°14 | M 2 |
| T 3 | 20 47 17 | 11° 8'48 | 28°15 | 8° 7 | 20°44 | 8°32 | 13°41 | 15°29 | 8°26 | 8° 2 | 12° 9 | 13°42 | 12°24 | 18°55 | 15°16 | T 3 |
| W 4 | 20 51 13 | 12° 6'08 | 13♑ 8 | 8°58 | 21°58 | 9°12 | 13°47 | 15°29 | 8°27 | 8° 3 | 12°10 | 13°R42 | 12°21 | 19° 2 | 15°18 | W 4 |
| T 5 | 20 55 10 | 13° 3'29 | 28°11 | 9°45 | 23°12 | 9°52 | 13°53 | 15°28 | 8°27 | 8° 5 | 12°12 | 13°41 | 12°18 | 19° 8 | 15°20 | T 5 |
| F 6 | 20 59 7 | 14° 0'50 | 13♒17 | 10°29 | 24°26 | 10°33 | 13°58 | 15°27 | 8°27 | 8° 6 | 12°14 | 13°39 | 12°14 | 19°15 | 15°23 | F 6 |
| S 7 | 21 3 3 | 14°58'12 | 28°17 | 11° 9 | 25°40 | 11°13 | 14° 4 | 15°26 | 8°28 | 8° 8 | 12°16 | 13°36 | 12°11 | 19°22 | 15°25 | S 7 |
| S 8 | 21 7 0 | 15°55'34 | 13♓ 2 | 11°46 | 26°54 | 11°53 | 14° 9 | 15°25 | 8°28 | 8° 9 | 12°17 | 13°32 | 12° 8 | 19°28 | 15°28 | S 8 |
| M 9 | 21 10 56 | 16°52'58 | 27°25 | 12°18 | 28° 8 | 12°33 | 14°14 | 15°23 | 8°28 | 8°11 | 12°19 | 13°27 | 12° 5 | 19°35 | 15°31 | M 9 |
| T 10 | 21 14 53 | 17°50'22 | 11♈22 | 12°46 | 29°21 | 13°13 | 14°19 | 15°22 | 8°28 | 8°12 | 12°21 | 13°22 | 12° 2 | 19°42 | 15°33 | T 10 |
| W11 | 21 18 49 | 18°47'48 | 24°50 | 13°10 | 0♏35 | 13°53 | 14°23 | 15°21 | 8°29 | 8°14 | 12°22 | 13°19 | 11°59 | 19°48 | 15°36 | W11 |
| T 12 | 21 22 46 | 19°45'15 | 7♉52 | 13°30 | 1°49 | 14°33 | 14°28 | 15°19 | 8°29 | 8°15 | 12°24 | 13°17 | 11°55 | 19°55 | 15°39 | T 12 |
| F 13 | 21 26 42 | 20°42'44 | 20°30 | 13°44 | 3° 3 | 15°13 | 14°32 | 15°17 | 8°R29 | 8°17 | 12°26 | 13°D16 | 11°52 | 20° 2 | 15°42 | F 13 |
| S 14 | 21 30 39 | 21°40'13 | 2♊48 | 13°54 | 4°17 | 15°53 | 14°36 | 15°16 | 8°29 | 8°19 | 12°28 | 13°17 | 11°49 | 20° 8 | 15°46 | S 14 |
| S 15 | 21 34 35 | 22°37'44 | 14°50 | 13°R59 | 5°31 | 16°33 | 14°40 | 15°14 | 8°29 | 8°20 | 12°29 | 13°18 | 11°46 | 20°15 | 15°49 | S 15 |
| M16 | 21 38 32 | 23°35'16 | 26°43 | 13°58 | 6°45 | 17°13 | 14°44 | 15°12 | 8°29 | 8°22 | 12°31 | 13°19 | 11°43 | 20°22 | 15°52 | M16 |
| T 17 | 21 42 29 | 24°32'49 | 8♋31 | 13°52 | 7°59 | 17°52 | 14°48 | 15°10 | 8°28 | 8°24 | 12°33 | 13°R21 | 11°39 | 20°28 | 15°56 | T 17 |
| W18 | 21 46 25 | 25°30'24 | 20°17 | 13°41 | 9°12 | 18°32 | 14°51 | 15° 8 | 8°28 | 8°25 | 12°34 | 13°20 | 11°36 | 20°35 | 16° 0 | W18 |
| T 19 | 21 50 22 | 26°28'00 | 2♌ 6 | 13°24 | 10°26 | 19°11 | 14°54 | 15° 6 | 8°28 | 8°27 | 12°36 | 13°18 | 11°33 | 20°41 | 16° 3 | T 19 |
| F 20 | 21 54 18 | 27°25'37 | 14° 1 | 13° 2 | 11°40 | 19°51 | 14°57 | 15° 3 | 8°28 | 8°29 | 12°38 | 13°15 | 11°30 | 20°48 | 16° 7 | F 20 |
| S 21 | 21 58 15 | 28°23'15 | 26° 4 | 12°34 | 12°54 | 20°30 | 15° 0 | 15° 1 | 8°27 | 8°31 | 12°39 | 13° 9 | 11°27 | 20°55 | 16°11 | S 21 |
| S 22 | 22 2 11 | 29°20'55 | 8♍17 | 12° 1 | 14° 8 | 21°10 | 15° 3 | 14°59 | 8°27 | 8°32 | 12°41 | 13° 1 | 11°24 | 21° 1 | 16°15 | S 22 |
| M23 | 22 6 8 | 0♍18'35 | 20°40 | 11°24 | 15°22 | 21°49 | 15° 5 | 14°56 | 8°26 | 8°34 | 12°43 | 12°53 | 11°20 | 21° 8 | 16°19 | M23 |
| T 24 | 22 10 4 | 1°16'17 | 3♎15 | 10°42 | 16°36 | 22°28 | 15° 7 | 14°53 | 8°26 | 8°36 | 12°44 | 12°44 | 11°17 | 21°15 | 16°23 | T 24 |
| W25 | 22 14 1 | 2°14'00 | 16° 2 | 9°57 | 17°50 | 23° 7 | 15° 9 | 14°51 | 8°25 | 8°38 | 12°46 | 12°36 | 11°14 | 21°21 | 16°27 | W25 |
| T 26 | 22 17 58 | 3°11'44 | 29° 2 | 9° 8 | 19° 4 | 23°47 | 15°11 | 14°48 | 8°25 | 8°40 | 12°48 | 12°30 | 11°11 | 21°28 | 16°32 | T 26 |
| F 27 | 22 21 54 | 4° 9'29 | 12♏16 | 8°17 | 20°18 | 24°26 | 15°13 | 14°45 | 8°24 | 8°42 | 12°49 | 12°26 | 11° 8 | 21°35 | 16°36 | F 27 |
| S 28 | 22 25 51 | 5° 7'16 | 25°45 | 7°25 | 21°31 | 25° 5 | 15°14 | 14°42 | 8°23 | 8°44 | 12°51 | 12°24 | 11° 4 | 21°41 | 16°41 | S 28 |
| S 29 | 22 29 47 | 6° 5'03 | 9♐30 | 6°32 | 22°45 | 25°44 | 15°15 | 14°39 | 8°23 | 8°46 | 12°53 | 12°D23 | 11° 1 | 21°48 | 16°45 | S 29 |
| M30 | 22 33 44 | 7° 2'51 | 23°32 | 5°40 | 23°59 | 26°22 | 15°17 | 14°36 | 8°22 | 8°47 | 12°54 | 12°24 | 10°58 | 21°55 | 16°50 | M30 |
| T 31 | 22 37 40 | 8♍ 0'41 | 7♑49 | 4♍50 | 25♍13 | 27♋ 1 | 15♉17 | 14♈33 | 8♉21 | 8♎49 | 12♌56 | 12°R25 | 10♂55 | 22♋ 1 | 16♏55 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | lat |
| S 1 | 17n54 | 23 s34 | 3 s40 | 8n10 | 1 s 5 | 16n36 | 1n21 | 23n41 | 0n29 | 14n41 | 1 s14 | 3n48 | 2 s28 | 13n48 | 0 s31 | 1 s55 | 1n21 | 21n39 | 4n43 | 22 s41 | 22 s48 | 21n32 | 13 s52 | 2n36 |
| M 2 | 17 39 | 25 0 | 2 38 | 7 38 | 1 17 | 16 14 | 1 22 | 23 39 | 0 30 | 14 42 | 1 14 | 3 48 | 2 29 | 13 48 | 0 31 | 1 55 | 1 21 | 21 38 | 4 43 | 22 41 | 22 48 | 21 30 | 13 53 | 2 36 |
| T 3 | 17 23 | 24 46 | 1 24 | 7 7 | 1 29 | 15 51 | 1 23 | 23 37 | 0 31 | 14 44 | 1 14 | 3 47 | 2 29 | 13 48 | 0 31 | 1 56 | 1 21 | 21 38 | 4 43 | 22 41 | 22 48 | 21 28 | 13 54 | 2 36 |
| W 4 | 17 8 | 22 47 | 0 3 | 6 37 | 1 41 | 15 28 | 1 24 | 23 35 | 0 31 | 14 45 | 1 14 | 3 47 | 2 29 | 13 48 | 0 31 | 1 56 | 1 21 | 21 38 | 4 43 | 22 41 | 22 49 | 21 26 | 13 54 | 2 36 |
| T 5 | 16 51 | 19 12 | 1n19 | 6 8 | 1 54 | 15 5 | 1 24 | 23 33 | 0 32 | 14 47 | 1 15 | 3 46 | 2 30 | 13 48 | 0 31 | 1 57 | 1 21 | 21 37 | 4 43 | 22 41 | 22 49 | 21 25 | 13 55 | 2 36 |
| F 6 | 16 35 | 14 19 | 2 35 | 5 40 | 2 6 | 14 41 | 1 25 | 23 31 | 0 33 | 14 48 | 1 15 | 3 46 | 2 30 | 13 48 | 0 31 | 1 58 | 1 21 | 21 37 | 4 43 | 22 41 | 22 49 | 21 23 | 13 55 | 2 36 |
| S 7 | 16 18 | 8 36 | 3 40 | 5 14 | 2 18 | 14 17 | 1 25 | 23 28 | 0 33 | 14 50 | 1 15 | 3 45 | 2 30 | 13 48 | 0 31 | 1 58 | 1 21 | 21 36 | 4 43 | 22 41 | 22 50 | 21 21 | 13 56 | 2 36 |
| S 8 | 16 2 | 2 30 | 4 29 | 4 49 | 2 31 | 13 52 | 1 26 | 23 25 | 0 34 | 14 51 | 1 15 | 3 44 | 2 30 | 13 48 | 0 31 | 1 59 | 1 21 | 21 36 | 4 43 | 22 42 | 22 50 | 21 19 | 13 57 | 2 36 |
| M 9 | 15 44 | 3n34 | 5 0 | 4 25 | 2 43 | 13 27 | 1 26 | 23 22 | 0 35 | 14 52 | 1 15 | 3 44 | 2 31 | 13 49 | 0 31 | 1 59 | 1 21 | 21 35 | 4 43 | 22 42 | 22 50 | 21 17 | 13 58 | 2 36 |
| T 10 | 15 27 | 9 16 | 5 12 | 4 3 | 2 55 | 13 2 | 1 27 | 23 19 | 0 35 | 14 53 | 1 16 | 3 43 | 2 31 | 13 49 | 0 31 | 2 0 | 1 21 | 21 35 | 4 43 | 22 43 | 22 50 | 21 16 | 13 59 | 2 36 |
| W11 | 15 9 | 14 20 | 5 6 | 3 43 | 3 7 | 12 36 | 1 27 | 23 16 | 0 36 | 14 55 | 1 16 | 3 42 | 2 31 | 13 49 | 0 31 | 2 1 | 1 21 | 21 35 | 4 43 | 22 43 | 22 51 | 21 14 | 13 59 | 2 36 |
| T 12 | 14 51 | 18 35 | 4 44 | 3 25 | 3 19 | 12 10 | 1 27 | 23 12 | 0 37 | 14 56 | 1 16 | 3 41 | 2 31 | 13 49 | 0 31 | 2 1 | 1 21 | 21 34 | 4 43 | 22 43 | 22 51 | 21 12 | 14 0 | 2 36 |
| F 13 | 14 33 | 21 50 | 4 9 | 3 8 | 3 31 | 11 43 | 1 28 | 23 8 | 0 38 | 14 57 | 1 16 | 3 40 | 2 32 | 13 49 | 0 31 | 2 2 | 1 21 | 21 34 | 4 43 | 22 43 | 22 51 | 21 10 | 14 1 | 2 36 |
| S 14 | 14 15 | 23 59 | 3 23 | 2 54 | 3 42 | 11 17 | 1 28 | 23 4 | 0 38 | 14 58 | 1 17 | 3 40 | 2 32 | 13 49 | 0 31 | 2 3 | 1 21 | 21 33 | 4 44 | 22 43 | 22 52 | 21 8 | 14 2 | 2 36 |
| S 15 | 13 56 | 24 59 | 2 29 | 2 43 | 3 52 | 10 50 | 1 28 | 23 0 | 0 39 | 14 59 | 1 17 | 3 39 | 2 32 | 13 49 | 0 31 | 2 3 | 1 21 | 21 33 | 4 44 | 22 43 | 22 52 | 21 6 | 14 3 | 2 36 |
| M16 | 13 38 | 24 50 | 1 29 | 2 34 | 4 2 | 10 22 | 1 28 | 22 56 | 0 40 | 15 0 | 1 17 | 3 38 | 2 32 | 13 48 | 0 31 | 2 4 | 1 21 | 21 33 | 4 44 | 22 43 | 22 52 | 21 5 | 14 4 | 2 36 |
| T 17 | 13 19 | 23 33 | 0 26 | 2 27 | 4 12 | 9 55 | 1 28 | 22 51 | 0 40 | 15 0 | 1 17 | 3 37 | 2 33 | 13 48 | 0 31 | 2 5 | 1 21 | 21 32 | 4 44 | 22 43 | 22 52 | 21 3 | 14 5 | 2 36 |
| W18 | 12 59 | 21 14 | 0 s38 | 2 24 | 4 20 | 9 27 | 1 27 | 22 47 | 0 41 | 15 1 | 1 17 | 3 36 | 2 33 | 13 48 | 0 31 | 2 5 | 1 21 | 21 32 | 4 44 | 22 43 | 22 53 | 21 1 | 14 6 | 2 36 |
| T 19 | 12 40 | 18 1 | 1 40 | 2 23 | 4 28 | 8 59 | 1 27 | 22 42 | 0 42 | 15 2 | 1 18 | 3 35 | 2 33 | 13 48 | 0 31 | 2 6 | 1 21 | 21 31 | 4 44 | 22 43 | 22 53 | 20 59 | 14 7 | 2 36 |
| F 20 | 12 20 | 14 3 | 2 39 | 2 25 | 4 35 | 8 31 | 1 27 | 22 37 | 0 42 | 15 3 | 1 18 | 3 34 | 2 33 | 13 48 | 0 31 | 2 7 | 1 21 | 21 31 | 4 44 | 22 44 | 22 53 | 20 57 | 14 8 | 2 36 |
| S 21 | 12 0 | 9 30 | 3 30 | 2 31 | 4 40 | 8 2 | 1 27 | 22 32 | 0 43 | 15 3 | 1 18 | 3 32 | 2 34 | 13 48 | 0 31 | 2 8 | 1 21 | 21 31 | 4 44 | 22 44 | 22 53 | 20 55 | 14 9 | 2 36 |
| S 22 | 11 40 | 4 32 | 4 13 | 2 39 | 4 44 | 7 33 | 1 26 | 22 26 | 0 44 | 15 4 | 1 18 | 3 31 | 2 34 | 13 48 | 0 31 | 2 8 | 1 21 | 21 30 | 4 44 | 22 45 | 22 54 | 20 53 | 14 10 | 2 36 |
| M23 | 11 20 | 0 s41 | 4 45 | 2 51 | 4 46 | 7 4 | 1 26 | 22 21 | 0 44 | 15 4 | 1 18 | 3 30 | 2 34 | 13 48 | 0 31 | 2 9 | 1 21 | 21 30 | 4 44 | 22 46 | 22 54 | 20 52 | 14 11 | 2 36 |
| T 24 | 11 0 | 5 55 | 5 3 | 3 6 | 4 47 | 6 35 | 1 25 | 22 15 | 0 45 | 15 5 | 1 19 | 3 29 | 2 34 | 13 48 | 0 31 | 2 10 | 1 21 | 21 29 | 4 45 | 22 46 | 22 54 | 20 50 | 14 12 | 2 36 |
| W25 | 10 39 | 11 0 | 5 7 | 3 24 | 4 46 | 6 6 | 1 24 | 22 9 | 0 46 | 15 5 | 1 19 | 3 28 | 2 35 | 13 47 | 0 31 | 2 11 | 1 21 | 21 29 | 4 45 | 22 47 | 22 55 | 20 48 | 14 14 | 2 36 |
| T 26 | 10 19 | 15 42 | 4 55 | 3 44 | 4 44 | 5 36 | 1 24 | 22 3 | 0 46 | 15 5 | 1 19 | 3 26 | 2 35 | 13 47 | 0 31 | 2 11 | 1 21 | 21 29 | 4 45 | 22 48 | 22 55 | 20 46 | 14 15 | 2 36 |
| F 27 | 9 58 | 19 43 | 4 27 | 4 8 | 4 39 | 5 7 | 1 23 | 21 57 | 0 47 | 15 6 | 1 19 | 3 25 | 2 35 | 13 47 | 0 31 | 2 12 | 1 21 | 21 28 | 4 45 | 22 48 | 22 55 | 20 44 | 14 16 | 2 36 |
| S 28 | 9 37 | 22 46 | 3 44 | 4 33 | 4 32 | 4 37 | 1 22 | 21 51 | 0 48 | 15 6 | 1 19 | 3 24 | 2 35 | 13 47 | 0 31 | 2 13 | 1 21 | 21 28 | 4 45 | 22 48 | 22 55 | 20 42 | 14 17 | 2 36 |
| S 29 | 9 16 | 24 35 | 2 47 | 5 0 | 4 24 | 4 7 | 1 21 | 21 45 | 0 48 | 15 6 | 1 20 | 3 22 | 2 35 | 13 46 | 0 31 | 2 14 | 1 21 | 21 28 | 4 45 | 22 48 | 22 56 | 20 40 | 14 19 | 2 36 |
| M30 | 8 54 | 24 53 | 1 40 | 5 28 | 4 14 | 3 37 | 1 20 | 21 38 | 0 49 | 15 6 | 1 20 | 3 21 | 2 36 | 13 46 | 0 31 | 2 14 | 1 21 | 21 27 | 4 45 | 22 48 | 22 56 | 20 38 | 14 20 | 2 36 |
| T 31 | 8n33 | 23 s34 | 0 s25 | 5n58 | 4 s 2 | 3n 7 | 1n19 | 21n31 | 0n50 | 15n 6 | 1 s20 | 3n19 | 2 s36 | 13n46 | 0 s31 | 2 s15 | 1n21 | 21n27 | 4n45 | 22 s48 | 22 s56 | 20n36 | 14 s21 | 2n36 |

Julian Day Number = 2611733.5, Delta T = 10m34s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'20, Lahiri = 29°59'22


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## SEPTEMBER 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 41 37 | 8♍58'32 | 22♑22 | 4°R 2 | 26♍27 | 27♋40 | 15♉18 | 14°R29 | 8°R20 | 8♎51 | 12♌57 | 12°R24 | 10♑52 | 22♋ 8 | 17♏ 0 | W 1 |
| T 2 | 22 45 33 | 9°56'24 | 7♒ 5 | 3♍18 | 27°41 | 28°19 | 15°19 | 14♈26 | 8♉19 | 8°53 | 12°59 | 12♑22 | 10°49 | 22°15 | 17° 5 | T 2 |
| F 3 | 22 49 30 | 10°54'17 | 21°53 | 2°39 | 28°55 | 28°57 | 15°19 | 14°23 | 8°18 | 8°55 | 13° 0 | 12°18 | 10°45 | 22°21 | 17°10 | F 3 |
| S 4 | 22 53 27 | 11°52'12 | 6♓40 | 2° 6 | 0♎ 8 | 29°36 | 15°R19 | 14°19 | 8°17 | 8°57 | 13° 2 | 12°11 | 10°42 | 22°28 | 17°15 | S 4 |
| S 5 | 22 57 23 | 12°50'08 | 21°16 | 1°39 | 1°22 | 0♌14 | 15°19 | 14°16 | 8°16 | 8°59 | 13° 4 | 12° 2 | 10°39 | 22°34 | 17°20 | S 5 |
| M 6 | 23 1 20 | 13°48'05 | 5♈35 | 1°19 | 2°36 | 0°53 | 15°18 | 14°12 | 8°15 | 9° 2 | 13° 5 | 11°52 | 10°36 | 22°41 | 17°25 | M 6 |
| T 7 | 23 5 16 | 14°46'05 | 19°32 | 1° 7 | 3°50 | 1°31 | 15°18 | 14° 8 | 8°14 | 9° 4 | 13° 7 | 11°43 | 10°33 | 22°48 | 17°31 | T 7 |
| W 8 | 23 9 13 | 15°44'06 | 3♉ 2 | 1°D 3 | 5° 4 | 2° 9 | 15°17 | 14° 5 | 8°13 | 9° 6 | 13° 8 | 11°35 | 10°30 | 22°54 | 17°36 | W 8 |
| T 9 | 23 13 9 | 16°42'09 | 16° 6 | 1° 8 | 6°17 | 2°48 | 15°16 | 14° 1 | 8°12 | 9° 8 | 13°10 | 11°28 | 10°26 | 23° 1 | 17°42 | T 9 |
| F 10 | 23 17 6 | 17°40'14 | 28°46 | 1°21 | 7°31 | 3°26 | 15°15 | 13°57 | 8°10 | 9°10 | 13°11 | 11°24 | 10°23 | 23° 8 | 17°47 | F 10 |
| S 11 | 23 21 2 | 18°38'21 | 11♊ 5 | 1°42 | 8°45 | 4° 4 | 15°14 | 13°53 | 8° 9 | 9°12 | 13°12 | 11°23 | 10°20 | 23°14 | 17°53 | S 11 |
| S 12 | 23 24 59 | 19°36'29 | 23° 8 | 2°13 | 9°59 | 4°42 | 15°12 | 13°49 | 8° 8 | 9°14 | 13°14 | 11°D22 | 10°17 | 23°21 | 17°59 | S 12 |
| M13 | 23 28 56 | 20°34'40 | 5♋ 1 | 2°51 | 11°13 | 5°20 | 15°11 | 13°45 | 8° 6 | 9°16 | 13°15 | 11°R23 | 10°14 | 23°28 | 18° 4 | M13 |
| T 14 | 23 32 52 | 21°32'53 | 16°49 | 3°38 | 12°26 | 5°58 | 15° 9 | 13°41 | 8° 5 | 9°18 | 13°17 | 11°23 | 10°10 | 23°34 | 18°10 | T 14 |
| W15 | 23 36 49 | 22°31'08 | 28°37 | 4°32 | 13°40 | 6°36 | 15° 7 | 13°37 | 8° 4 | 9°20 | 13°18 | 11°21 | 10° 7 | 23°41 | 18°16 | W15 |
| T 16 | 23 40 45 | 23°29'24 | 10♌30 | 5°34 | 14°54 | 7°14 | 15° 4 | 13°32 | 8° 2 | 9°23 | 13°20 | 11°18 | 10° 4 | 23°48 | 18°22 | T 16 |
| F 17 | 23 44 42 | 24°27'43 | 22°31 | 6°42 | 16° 8 | 7°52 | 15° 2 | 13°28 | 8° 0 | 9°25 | 13°21 | 11°12 | 10° 1 | 23°54 | 18°28 | F 17 |
| S 18 | 23 48 38 | 25°26'03 | 4♍44 | 7°57 | 17°22 | 8°29 | 14°59 | 13°24 | 7°59 | 9°27 | 13°22 | 11° 3 | 9°58 | 24° 1 | 18°34 | S 18 |
| S 19 | 23 52 35 | 26°24'25 | 17°10 | 9°18 | 18°35 | 9° 7 | 14°56 | 13°19 | 7°57 | 9°29 | 13°24 | 10°52 | 9°55 | 24° 8 | 18°41 | S 19 |
| M20 | 23 56 31 | 27°22'50 | 29°51 | 10°44 | 19°49 | 9°44 | 14°53 | 13°15 | 7°56 | 9°31 | 13°25 | 10°39 | 9°51 | 24°14 | 18°47 | M20 |
| T 21 | 0 0 28 | 28°21'15 | 12♎46 | 12°15 | 21° 3 | 10°22 | 14°50 | 13°11 | 7°54 | 9°33 | 13°26 | 10°26 | 9°48 | 24°21 | 18°53 | T 21 |
| W22 | 0 4 25 | 29°19'43 | 25°53 | 13°49 | 22°17 | 10°59 | 14°46 | 13° 6 | 7°52 | 9°36 | 13°28 | 10°14 | 9°45 | 24°27 | 19° 0 | W22 |
| T 23 | 0 8 21 | 0♎18'13 | 9♏13 | 15°28 | 23°30 | 11°37 | 14°42 | 13° 2 | 7°50 | 9°38 | 13°29 | 10° 4 | 9°42 | 24°34 | 19° 6 | T 23 |
| F 24 | 0 12 18 | 1°16'44 | 22°43 | 17° 9 | 24°44 | 12°14 | 14°39 | 12°57 | 7°49 | 9°40 | 13°30 | 9°57 | 9°39 | 24°41 | 19°13 | F 24 |
| S 25 | 0 16 14 | 2°15'17 | 6♐23 | 18°53 | 25°58 | 12°51 | 14°35 | 12°53 | 7°47 | 9°42 | 13°31 | 9°53 | 9°36 | 24°47 | 19°19 | S 25 |
| S 26 | 0 20 11 | 3°13'51 | 20°11 | 20°39 | 27°11 | 13°28 | 14°30 | 12°48 | 7°45 | 9°45 | 13°33 | 9°51 | 9°32 | 24°54 | 19°26 | S 26 |
| M27 | 0 24 7 | 4°12'28 | 4♑ 9 | 22°27 | 28°25 | 14° 5 | 14°26 | 12°44 | 7°43 | 9°47 | 13°34 | 9°51 | 9°29 | 25° 1 | 19°33 | M27 |
| T 28 | 0 28 4 | 5°11'05 | 18°16 | 24°15 | 29°39 | 14°42 | 14°21 | 12°39 | 7°41 | 9°49 | 13°35 | 9°51 | 9°26 | 25° 7 | 19°39 | T 28 |
| W29 | 0 32 0 | 6° 9'45 | 2♒30 | 26° 5 | 0♏52 | 15°19 | 14°17 | 12°34 | 7°39 | 9°51 | 13°36 | 9°49 | 9°23 | 25°14 | 19°46 | W29 |
| T 30 | 0 35 57 | 7♎ 8'26 | 16♒51 | 27♍55 | 2♏ 6 | 15♌56 | 14♉12 | 12♈30 | 7♉37 | 9♎53 | 13♌37 | 9♑46 | 9♑20 | 25♋21 | 19♏53 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n11 | 20s40 | 0n53 | 6n27 | 3s48 | 2n36 | 1n18 | 21n24 | 0n50 | 15n 6 | 1s20 | 3n18 | 2s36 | 13n46 | 0s31 | 2s16 | 1n21 | 21n27 | 4n45 | 22s48 | 22s56 | 20n34 | 14s23 | 2n36 |
| T 2 | 7 49 | 16 23 | 2 8 | 6 57 | 3 33 | 2 6 | 1 17 | 21 17 | 0 51 | 15 6 | 1 20 | 3 17 | 2 36 | 13 45 | 0 31 | 2 17 | 1 21 | 21 26 | 4 46 | 22 49 | 22 57 | 20 33 | 14 24 | 2 36 |
| F 3 | 7 28 | 11 6 | 3 15 | 7 26 | 3 17 | 1 36 | 1 16 | 21 10 | 0 52 | 15 6 | 1 21 | 3 15 | 2 36 | 13 45 | 0 31 | 2 18 | 1 21 | 21 26 | 4 46 | 22 49 | 22 57 | 20 31 | 14 25 | 2 36 |
| S 4 | 7 6 | 5 12 | 4 8 | 7 54 | 3 0 | 1 5 | 1 15 | 21 3 | 0 53 | 15 6 | 1 21 | 3 14 | 2 37 | 13 45 | 0 31 | 2 18 | 1 21 | 21 26 | 4 46 | 22 50 | 22 57 | 20 29 | 14 27 | 2 36 |
| S 5 | 6 44 | 0n55 | 4 45 | 8 20 | 2 42 | 0 35 | 1 13 | 20 55 | 0 53 | 15 6 | 1 21 | 3 12 | 2 37 | 13 44 | 0 31 | 2 19 | 1 21 | 21 25 | 4 46 | 22 50 | 22 57 | 20 27 | 14 28 | 2 36 |
| M 6 | 6 21 | 6 51 | 5 2 | 8 45 | 2 24 | 0 4 | 1 12 | 20 47 | 0 54 | 15 5 | 1 21 | 3 10 | 2 37 | 13 44 | 0 31 | 2 20 | 1 21 | 21 25 | 4 46 | 22 51 | 22 58 | 20 25 | 14 30 | 2 36 |
| T 7 | 5 59 | 12 16 | 5 1 | 9 6 | 2 5 | 0s27 | 1 10 | 20 40 | 0 55 | 15 5 | 1 21 | 3 9 | 2 37 | 13 44 | 0 31 | 2 21 | 1 21 | 21 25 | 4 46 | 22 52 | 22 58 | 20 23 | 14 31 | 2 36 |
| W 8 | 5 37 | 16 56 | 4 43 | 9 25 | 1 46 | 0 57 | 1 9 | 20 32 | 0 55 | 15 5 | 1 22 | 3 7 | 2 37 | 13 43 | 0 31 | 2 22 | 1 21 | 21 24 | 4 46 | 22 53 | 22 58 | 20 21 | 14 32 | 2 36 |
| T 9 | 5 14 | 20 37 | 4 11 | 9 41 | 1 27 | 1 28 | 1 7 | 20 24 | 0 56 | 15 4 | 1 22 | 3 6 | 2 37 | 13 43 | 0 31 | 2 22 | 1 21 | 21 24 | 4 46 | 22 53 | 22 58 | 20 19 | 14 34 | 2 36 |
| F 10 | 4 52 | 23 12 | 3 27 | 9 54 | 1 8 | 1 58 | 1 6 | 20 16 | 0 57 | 15 4 | 1 22 | 3 4 | 2 38 | 13 42 | 0 31 | 2 23 | 1 21 | 21 24 | 4 47 | 22 54 | 22 59 | 20 17 | 14 35 | 2 36 |
| S 11 | 4 29 | 24 36 | 2 34 | 10 3 | 0 50 | 2 29 | 1 4 | 20 7 | 0 57 | 15 3 | 1 22 | 3 2 | 2 38 | 13 42 | 0 31 | 2 24 | 1 21 | 21 24 | 4 47 | 22 54 | 22 59 | 20 15 | 14 37 | 2 36 |
| S 12 | 4 6 | 24 48 | 1 36 | 10 9 | 0 33 | 3 0 | 1 2 | 19 59 | 0 58 | 15 3 | 1 22 | 3 1 | 2 38 | 13 41 | 0 31 | 2 25 | 1 21 | 21 23 | 4 47 | 22 54 | 22 59 | 20 13 | 14 38 | 2 36 |
| M13 | 3 44 | 23 51 | 0 34 | 10 11 | 0 16 | 3 30 | 1 0 | 19 50 | 0 59 | 15 2 | 1 23 | 2 59 | 2 38 | 13 41 | 0 31 | 2 26 | 1 21 | 21 23 | 4 47 | 22 54 | 22 59 | 20 11 | 14 40 | 2 37 |
| T 14 | 3 21 | 21 51 | 0s29 | 10 9 | 0 0 | 4 1 | 0 58 | 19 42 | 0 59 | 15 1 | 1 23 | 2 57 | 2 38 | 13 41 | 0 31 | 2 27 | 1 21 | 21 23 | 4 47 | 22 54 | 23 0 | 20 9 | 14 42 | 2 37 |
| W15 | 2 58 | 18 55 | 1 30 | 10 3 | 0n15 | 4 31 | 0 56 | 19 33 | 1 0 | 15 0 | 1 23 | 2 56 | 2 38 | 13 40 | 0 31 | 2 27 | 1 21 | 21 22 | 4 47 | 22 54 | 23 0 | 20 7 | 14 43 | 2 37 |
| T 16 | 2 35 | 15 11 | 2 28 | 9 54 | 0 29 | 5 1 | 0 54 | 19 24 | 1 1 | 14 59 | 1 23 | 2 54 | 2 38 | 13 40 | 0 31 | 2 28 | 1 21 | 21 22 | 4 48 | 22 54 | 23 0 | 20 5 | 14 45 | 2 37 |
| F 17 | 2 12 | 10 49 | 3 20 | 9 40 | 0 42 | 5 31 | 0 52 | 19 15 | 1 1 | 14 59 | 1 23 | 2 52 | 2 39 | 13 39 | 0 31 | 2 29 | 1 21 | 21 22 | 4 48 | 22 55 | 23 0 | 20 3 | 14 46 | 2 37 |
| S 18 | 1 49 | 5 58 | 4 3 | 9 24 | 0 53 | 6 1 | 0 50 | 19 6 | 1 2 | 14 58 | 1 24 | 2 50 | 2 39 | 13 39 | 0 31 | 2 30 | 1 21 | 21 22 | 4 48 | 22 55 | 23 1 | 20 1 | 14 48 | 2 37 |
| S 19 | 1 26 | 0 49 | 4 36 | 9 3 | 1 4 | 6 31 | 0 48 | 18 57 | 1 3 | 14 57 | 1 24 | 2 48 | 2 39 | 13 38 | 0 31 | 2 31 | 1 21 | 21 21 | 4 48 | 22 56 | 23 1 | 19 59 | 14 50 | 2 37 |
| M20 | 1 2 | 4s28 | 4 56 | 8 40 | 1 13 | 7 1 | 0 46 | 18 47 | 1 3 | 14 56 | 1 24 | 2 47 | 2 39 | 13 37 | 0 31 | 2 32 | 1 21 | 21 21 | 4 48 | 22 57 | 23 1 | 19 57 | 14 51 | 2 37 |
| T 21 | 0 39 | 9 38 | 5 1 | 8 13 | 1 22 | 7 31 | 0 44 | 18 38 | 1 4 | 14 54 | 1 24 | 2 45 | 2 39 | 13 37 | 0 31 | 2 33 | 1 21 | 21 21 | 4 48 | 22 58 | 23 1 | 19 55 | 14 53 | 2 37 |
| W22 | 0 16 | 14 29 | 4 50 | 7 43 | 1 29 | 8 1 | 0 42 | 18 28 | 1 5 | 14 53 | 1 24 | 2 43 | 2 39 | 13 36 | 0 31 | 2 33 | 1 21 | 21 21 | 4 48 | 22 59 | 23 2 | 19 53 | 14 54 | 2 37 |
| T 23 | 0s 7 | 18 41 | 4 23 | 7 11 | 1 35 | 8 30 | 0 39 | 18 19 | 1 6 | 14 52 | 1 24 | 2 41 | 2 39 | 13 36 | 0 31 | 2 34 | 1 21 | 21 20 | 4 49 | 23 0 | 23 2 | 19 51 | 14 56 | 2 37 |
| F 24 | 0 30 | 21 59 | 3 42 | 6 36 | 1 40 | 8 59 | 0 37 | 18 9 | 1 6 | 14 51 | 1 25 | 2 39 | 2 39 | 13 35 | 0 31 | 2 35 | 1 21 | 21 20 | 4 49 | 23 1 | 23 2 | 19 49 | 14 58 | 2 37 |
| S 25 | 0 54 | 24 4 | 2 47 | 5 59 | 1 44 | 9 28 | 0 34 | 17 59 | 1 7 | 14 49 | 1 25 | 2 38 | 2 39 | 13 35 | 0 31 | 2 36 | 1 21 | 21 20 | 4 49 | 23 1 | 23 2 | 19 47 | 15 0 | 2 37 |
| S 26 | 1 17 | 24 43 | 1 42 | 5 20 | 1 47 | 9 57 | 0 32 | 17 49 | 1 8 | 14 48 | 1 25 | 2 36 | 2 39 | 13 34 | 0 31 | 2 37 | 1 21 | 21 20 | 4 49 | 23 1 | 23 2 | 19 45 | 15 1 | 2 37 |
| M27 | 1 40 | 23 49 | 0 30 | 4 40 | 1 49 | 10 26 | 0 30 | 17 39 | 1 8 | 14 47 | 1 25 | 2 34 | 2 39 | 13 33 | 0 31 | 2 38 | 1 21 | 21 20 | 4 49 | 23 1 | 23 3 | 19 43 | 15 3 | 2 37 |
| T 28 | 2 3 | 21 24 | 0n44 | 3 58 | 1 50 | 10 54 | 0 27 | 17 29 | 1 9 | 14 45 | 1 25 | 2 32 | 2 40 | 13 33 | 0 31 | 2 39 | 1 21 | 21 20 | 4 49 | 23 1 | 23 3 | 19 41 | 15 5 | 2 37 |
| W29 | 2 26 | 17 39 | 1 57 | 3 15 | 1 51 | 11 22 | 0 24 | 17 19 | 1 10 | 14 44 | 1 25 | 2 30 | 2 40 | 13 32 | 0 31 | 2 40 | 1 21 | 21 19 | 4 50 | 23 1 | 23 3 | 19 39 | 15 6 | 2 38 |
| T 30 | 2s50 | 12s51 | 3n 2 | 2n31 | 1n51 | 11s50 | 0n22 | 17n 9 | 1n10 | 14n42 | 1s25 | 2n28 | 2s40 | 13n31 | 0s31 | 2s40 | 1n21 | 21n19 | 4n50 | 23s 1 | 23s 3 | 19n37 | 15s 8 | 2n38 |

Julian Day Number = 2611764.5, Delta T = 10m34s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'25, Lahiri = 29°59'26


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## OCTOBER 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 39 54 | 8♎ 7'08 | 1♓15 | 29♍45 | 3♏20 | 16♌33 | 14°R 7 | 12°R25 | 7°R35 | 9♎56 | 13♌38 | 9°R40 | 9♑16 | 25♋27 | 20♏ 0 | F 1 |
| S 2 | 0 43 50 | 9° 5'53 | 15°37 | 1♎36 | 4°33 | 17°10 | 14♉ 1 | 12♈20 | 7♉33 | 9°58 | 13°39 | 9♑31 | 9°13 | 25°34 | 20° 7 | S 2 |
| S 3 | 0 47 47 | 10° 4'39 | 29°53 | 3°26 | 5°47 | 17°46 | 13°56 | 12°16 | 7°31 | 10° 0 | 13°40 | 9°20 | 9°10 | 25°41 | 20°14 | S 3 |
| M 4 | 0 51 43 | 11° 3'27 | 13♈55 | 5°16 | 7° 0 | 18°23 | 13°50 | 12°11 | 7°29 | 10° 2 | 13°42 | 9° 8 | 9° 7 | 25°47 | 20°21 | M 4 |
| T 5 | 0 55 40 | 12° 2'17 | 27°39 | 7° 6 | 8°14 | 18°59 | 13°45 | 12° 6 | 7°27 | 10° 5 | 13°43 | 8°56 | 9° 4 | 25°54 | 20°28 | T 5 |
| W 6 | 0 59 36 | 13° 1'09 | 11♉ 2 | 8°55 | 9°28 | 19°36 | 13°39 | 12° 2 | 7°25 | 10° 7 | 13°44 | 8°45 | 9° 1 | 26° 1 | 20°35 | W 6 |
| T 7 | 1 3 33 | 14° 0'03 | 24° 2 | 10°44 | 10°41 | 20°12 | 13°33 | 11°57 | 7°22 | 10° 9 | 13°45 | 8°37 | 8°57 | 26° 7 | 20°43 | T 7 |
| F 8 | 1 7 29 | 14°59'00 | 6♊41 | 12°32 | 11°55 | 20°48 | 13°26 | 11°52 | 7°20 | 10°11 | 13°46 | 8°31 | 8°54 | 26°14 | 20°50 | F 8 |
| S 9 | 1 11 26 | 15°57'59 | 19° 0 | 14°19 | 13° 8 | 21°24 | 13°20 | 11°48 | 7°18 | 10°13 | 13°46 | 8°27 | 8°51 | 26°21 | 20°57 | S 9 |
| S 10 | 1 15 22 | 16°57'00 | 1♋ 4 | 16° 6 | 14°22 | 22° 1 | 13°14 | 11°43 | 7°16 | 10°16 | 13°47 | 8°26 | 8°48 | 26°27 | 21° 5 | S 10 |
| M11 | 1 19 19 | 17°56'03 | 12°57 | 17°52 | 15°35 | 22°37 | 13° 7 | 11°39 | 7°14 | 10°18 | 13°48 | 8°26 | 8°45 | 26°34 | 21°12 | M11 |
| T 12 | 1 23 16 | 18°55'09 | 24°46 | 19°37 | 16°49 | 23°12 | 13° 0 | 11°34 | 7°11 | 10°20 | 13°49 | 8°26 | 8°41 | 26°40 | 21°19 | T 12 |
| W13 | 1 27 12 | 19°54'17 | 6♌35 | 21°21 | 18° 2 | 23°48 | 12°54 | 11°29 | 7° 9 | 10°22 | 13°50 | 8°25 | 8°38 | 26°47 | 21°27 | W13 |
| T 14 | 1 31 9 | 20°53'27 | 18°30 | 23° 4 | 19°16 | 24°24 | 12°47 | 11°25 | 7° 7 | 10°24 | 13°51 | 8°22 | 8°35 | 26°54 | 21°34 | T 14 |
| F 15 | 1 35 5 | 21°52'39 | 0♍36 | 24°47 | 20°29 | 25° 0 | 12°40 | 11°20 | 7° 4 | 10°27 | 13°52 | 8°16 | 8°32 | 27° 0 | 21°42 | F 15 |
| S 16 | 1 39 2 | 22°51'54 | 12°56 | 26°29 | 21°43 | 25°35 | 12°32 | 11°16 | 7° 2 | 10°29 | 13°52 | 8° 8 | 8°29 | 27° 7 | 21°50 | S 16 |
| S 17 | 1 42 58 | 23°51'10 | 25°34 | 28°10 | 22°56 | 26°11 | 12°25 | 11°11 | 7° 0 | 10°31 | 13°53 | 7°58 | 8°26 | 27°14 | 21°57 | S 17 |
| M18 | 1 46 55 | 24°50'29 | 8♎30 | 29°50 | 24° 9 | 26°46 | 12°18 | 11° 7 | 6°57 | 10°33 | 13°54 | 7°46 | 8°22 | 27°20 | 22° 5 | M18 |
| T 19 | 1 50 51 | 25°49'50 | 21°44 | 1♏30 | 25°23 | 27°22 | 12°10 | 11° 2 | 6°55 | 10°35 | 13°55 | 7°33 | 8°19 | 27°27 | 22°13 | T 19 |
| W20 | 1 54 48 | 26°49'13 | 5♏15 | 3° 9 | 26°36 | 27°57 | 12° 3 | 10°58 | 6°53 | 10°38 | 13°55 | 7°22 | 8°16 | 27°34 | 22°20 | W20 |
| T 21 | 1 58 45 | 27°48'38 | 18°59 | 4°47 | 27°50 | 28°32 | 11°55 | 10°53 | 6°50 | 10°40 | 13°56 | 7°12 | 8°13 | 27°40 | 22°28 | T 21 |
| F 22 | 2 2 41 | 28°48'05 | 2♐54 | 6°24 | 29° 3 | 29° 7 | 11°47 | 10°49 | 6°48 | 10°42 | 13°57 | 7° 5 | 8°10 | 27°47 | 22°36 | F 22 |
| S 23 | 2 6 38 | 29°47'34 | 16°55 | 8° 1 | 0♐16 | 29°42 | 11°40 | 10°45 | 6°45 | 10°44 | 13°57 | 7° 1 | 8° 7 | 27°54 | 22°44 | S 23 |
| S 24 | 2 10 34 | 0♏47'05 | 1♑ 0 | 9°37 | 1°30 | 0♍17 | 11°32 | 10°41 | 6°43 | 10°46 | 13°58 | 7°D 0 | 8° 3 | 28° 0 | 22°52 | S 24 |
| M25 | 2 14 31 | 1°46'38 | 15° 7 | 11°13 | 2°43 | 0°52 | 11°24 | 10°36 | 6°40 | 10°48 | 13°58 | 7° 0 | 8° 0 | 28° 7 | 23° 0 | M25 |
| T 26 | 2 18 27 | 2°46'12 | 29°14 | 12°48 | 3°56 | 1°27 | 11°16 | 10°32 | 6°38 | 10°50 | 13°59 | 7°R 0 | 7°57 | 28°14 | 23° 8 | T 26 |
| W27 | 2 22 24 | 3°45'48 | 13♒20 | 14°22 | 5°10 | 2° 2 | 11° 8 | 10°28 | 6°36 | 10°52 | 13°59 | 7° 0 | 7°54 | 28°20 | 23°16 | W27 |
| T 28 | 2 26 20 | 4°45'25 | 27°25 | 15°55 | 6°23 | 2°36 | 11° 0 | 10°24 | 6°33 | 10°55 | 14° 0 | 6°58 | 7°51 | 28°27 | 23°24 | T 28 |
| F 29 | 2 30 17 | 5°45'04 | 11♓26 | 17°28 | 7°36 | 3°10 | 10°52 | 10°20 | 6°31 | 10°57 | 14° 0 | 6°53 | 7°47 | 28°34 | 23°32 | F 29 |
| S 30 | 2 34 14 | 6°44'45 | 25°23 | 19° 1 | 8°49 | 3°45 | 10°44 | 10°16 | 6°28 | 10°59 | 14° 1 | 6°46 | 7°44 | 28°40 | 23°40 | S 30 |
| S 31 | 2 38 10 | 7♏44'27 | 9♈11 | 20♏33 | 10♐ 3 | 4♍19 | 10♉35 | 10♈12 | 6♉26 | 11♎ 1 | 14♌ 1 | 6♑37 | 7♑41 | 28♋47 | 23♏48 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s13 | 7s19 | 3n56 | 1n46 | 1n49 | 12s18 | 0n19 | 16n58 | 1n11 | 14n40 | 1s26 | 2n27 | 2s40 | 13n31 | 0s32 | 2s41 | 1n21 | 21n19 | 4n50 | 23s 2 | 23s 4 | 19n35 | 15s10 | 2n38 |
| S 2 | 3 36 | 1 25 | 4 35 | 1 1 | 1 48 | 12 45 | 0 17 | 16 48 | 1 12 | 14 39 | 1 26 | 2 25 | 2 40 | 13 30 | 0 32 | 2 42 | 1 21 | 21 19 | 4 50 | 23 3 | 23 4 | 19 33 | 15 12 | 2 38 |
| S 3 | 3 59 | 4n29 | 4 56 | 0 15 | 1 45 | 13 12 | 0 14 | 16 37 | 1 12 | 14 37 | 1 26 | 2 23 | 2 40 | 13 29 | 0 32 | 2 43 | 1 21 | 21 19 | 4 50 | 23 3 | 23 4 | 19 31 | 15 13 | 2 38 |
| M 4 | 4 22 | 10 4 | 4 59 | 0s31 | 1 43 | 13 39 | 0 11 | 16 27 | 1 13 | 14 35 | 1 26 | 2 21 | 2 40 | 13 29 | 0 32 | 2 44 | 1 21 | 21 19 | 4 50 | 23 4 | 23 4 | 19 29 | 15 15 | 2 38 |
| T 5 | 4 45 | 15 2 | 4 45 | 1 18 | 1 39 | 14 5 | 0 8 | 16 16 | 1 14 | 14 33 | 1 26 | 2 19 | 2 40 | 13 28 | 0 32 | 2 45 | 1 21 | 21 18 | 4 51 | 23 5 | 23 4 | 19 27 | 15 17 | 2 38 |
| W 6 | 5 8 | 19 8 | 4 15 | 2 4 | 1 35 | 14 31 | 0 6 | 16 5 | 1 15 | 14 32 | 1 26 | 2 17 | 2 40 | 13 27 | 0 32 | 2 46 | 1 21 | 21 18 | 4 51 | 23 6 | 23 5 | 19 25 | 15 19 | 2 38 |
| T 7 | 5 31 | 22 10 | 3 32 | 2 50 | 1 31 | 14 57 | 0 3 | 15 54 | 1 15 | 14 30 | 1 26 | 2 16 | 2 40 | 13 27 | 0 32 | 2 46 | 1 21 | 21 18 | 4 51 | 23 6 | 23 5 | 19 23 | 15 20 | 2 38 |
| F 8 | 5 53 | 24 0 | 2 40 | 3 37 | 1 27 | 15 22 | 0 0 | 15 44 | 1 16 | 14 28 | 1 26 | 2 14 | 2 40 | 13 26 | 0 32 | 2 47 | 1 21 | 21 18 | 4 51 | 23 7 | 23 5 | 19 21 | 15 22 | 2 38 |
| S 9 | 6 16 | 24 36 | 1 41 | 4 23 | 1 22 | 15 47 | 0s 3 | 15 33 | 1 17 | 14 26 | 1 26 | 2 12 | 2 40 | 13 25 | 0 32 | 2 48 | 1 21 | 21 18 | 4 51 | 23 7 | 23 5 | 19 19 | 15 24 | 2 39 |
| S 10 | 6 39 | 24 2 | 0 39 | 5 8 | 1 17 | 16 12 | 0 6 | 15 22 | 1 17 | 14 24 | 1 27 | 2 10 | 2 40 | 13 24 | 0 32 | 2 49 | 1 21 | 21 18 | 4 52 | 23 7 | 23 5 | 19 17 | 15 26 | 2 39 |
| M11 | 7 1 | 22 21 | 0s24 | 5 54 | 1 11 | 16 36 | 0 8 | 15 11 | 1 18 | 14 22 | 1 27 | 2 8 | 2 40 | 13 24 | 0 32 | 2 50 | 1 21 | 21 18 | 4 52 | 23 7 | 23 6 | 19 15 | 15 28 | 2 39 |
| T 12 | 7 24 | 19 43 | 1 26 | 6 39 | 1 5 | 17 0 | 0 11 | 14 59 | 1 19 | 14 20 | 1 27 | 2 7 | 2 40 | 13 23 | 0 32 | 2 51 | 1 21 | 21 18 | 4 52 | 23 7 | 23 6 | 19 12 | 15 29 | 2 39 |
| W13 | 7 46 | 16 16 | 2 23 | 7 23 | 0 59 | 17 23 | 0 14 | 14 48 | 1 20 | 14 18 | 1 27 | 2 5 | 2 40 | 13 22 | 0 32 | 2 52 | 1 21 | 21 18 | 4 52 | 23 7 | 23 6 | 19 10 | 15 31 | 2 39 |
| T 14 | 8 8 | 12 9 | 3 16 | 8 7 | 0 53 | 17 46 | 0 17 | 14 37 | 1 20 | 14 15 | 1 27 | 2 3 | 2 40 | 13 21 | 0 32 | 2 52 | 1 21 | 21 18 | 4 52 | 23 7 | 23 6 | 19 8 | 15 33 | 2 39 |
| F 15 | 8 30 | 7 30 | 4 0 | 8 51 | 0 47 | 18 9 | 0 20 | 14 26 | 1 21 | 14 13 | 1 27 | 2 1 | 2 40 | 13 21 | 0 32 | 2 53 | 1 21 | 21 18 | 4 52 | 23 8 | 23 7 | 19 6 | 15 35 | 2 39 |
| S 16 | 8 52 | 2 28 | 4 33 | 9 34 | 0 41 | 18 31 | 0 23 | 14 14 | 1 22 | 14 11 | 1 27 | 2 0 | 2 40 | 13 20 | 0 32 | 2 54 | 1 21 | 21 17 | 4 53 | 23 8 | 23 7 | 19 4 | 15 37 | 2 39 |
| S 17 | 9 14 | 2s45 | 4 55 | 10 16 | 0 34 | 18 53 | 0 26 | 14 3 | 1 22 | 14 9 | 1 27 | 1 58 | 2 40 | 13 19 | 0 32 | 2 55 | 1 21 | 21 17 | 4 53 | 23 9 | 23 7 | 19 2 | 15 39 | 2 40 |
| M18 | 9 36 | 7 59 | 5 2 | 10 58 | 0 27 | 19 14 | 0 29 | 13 52 | 1 23 | 14 6 | 1 27 | 1 56 | 2 40 | 13 18 | 0 32 | 2 56 | 1 21 | 21 17 | 4 53 | 23 9 | 23 7 | 19 0 | 15 40 | 2 40 |
| T 19 | 9 57 | 12 58 | 4 53 | 11 39 | 0 21 | 19 34 | 0 32 | 13 40 | 1 24 | 14 4 | 1 27 | 1 54 | 2 40 | 13 18 | 0 32 | 2 57 | 1 21 | 21 17 | 4 53 | 23 10 | 23 7 | 18 58 | 15 42 | 2 40 |
| W20 | 10 19 | 17 26 | 4 27 | 12 19 | 0 14 | 19 55 | 0 34 | 13 29 | 1 25 | 14 2 | 1 27 | 1 53 | 2 40 | 13 17 | 0 32 | 2 57 | 1 21 | 21 17 | 4 53 | 23 11 | 23 8 | 18 56 | 15 44 | 2 40 |
| T 21 | 10 40 | 21 3 | 3 46 | 12 58 | 0 7 | 20 14 | 0 37 | 13 17 | 1 25 | 14 0 | 1 27 | 1 51 | 2 39 | 13 16 | 0 32 | 2 58 | 1 21 | 21 17 | 4 54 | 23 11 | 23 8 | 18 54 | 15 46 | 2 40 |
| F 22 | 11 1 | 23 29 | 2 51 | 13 37 | 0 0 | 20 33 | 0 40 | 13 6 | 1 26 | 13 57 | 1 27 | 1 50 | 2 39 | 13 15 | 0 32 | 2 59 | 1 21 | 21 17 | 4 54 | 23 12 | 23 8 | 18 51 | 15 48 | 2 40 |
| S 23 | 11 22 | 24 29 | 1 45 | 14 15 | 0s 7 | 20 52 | 0 43 | 12 54 | 1 27 | 13 55 | 1 27 | 1 48 | 2 39 | 13 14 | 0 32 | 3 0 | 1 21 | 21 17 | 4 54 | 23 12 | 23 8 | 18 49 | 15 49 | 2 40 |
| S 24 | 11 43 | 23 55 | 0 32 | 14 52 | 0 14 | 21 10 | 0 46 | 12 42 | 1 27 | 13 52 | 1 27 | 1 46 | 2 39 | 13 14 | 0 32 | 3 1 | 1 21 | 21 17 | 4 54 | 23 12 | 23 8 | 18 47 | 15 51 | 2 41 |
| M25 | 12 4 | 21 49 | 0n43 | 15 29 | 0 20 | 21 27 | 0 49 | 12 31 | 1 28 | 13 50 | 1 27 | 1 45 | 2 39 | 13 13 | 0 32 | 3 1 | 1 21 | 21 17 | 4 54 | 23 12 | 23 8 | 18 45 | 15 53 | 2 41 |
| T 26 | 12 24 | 18 23 | 1 56 | 16 4 | 0 27 | 21 44 | 0 52 | 12 19 | 1 29 | 13 48 | 1 27 | 1 43 | 2 39 | 13 12 | 0 32 | 3 2 | 1 21 | 21 17 | 4 55 | 23 12 | 23 9 | 18 43 | 15 55 | 2 41 |
| W27 | 12 45 | 13 53 | 3 1 | 16 39 | 0 34 | 22 0 | 0 55 | 12 7 | 1 30 | 13 45 | 1 27 | 1 42 | 2 39 | 13 11 | 0 32 | 3 3 | 1 21 | 21 17 | 4 55 | 23 12 | 23 9 | 18 41 | 15 57 | 2 41 |
| T 28 | 13 5 | 8 39 | 3 55 | 17 13 | 0 41 | 22 16 | 0 57 | 11 56 | 1 30 | 13 43 | 1 27 | 1 40 | 2 39 | 13 11 | 0 32 | 3 4 | 1 21 | 21 17 | 4 55 | 23 12 | 23 9 | 18 39 | 15 58 | 2 41 |
| F 29 | 13 24 | 3 0 | 4 35 | 17 46 | 0 48 | 22 31 | 1 0 | 11 44 | 1 31 | 13 40 | 1 27 | 1 39 | 2 39 | 13 10 | 0 31 | 3 5 | 1 21 | 21 18 | 4 55 | 23 12 | 23 9 | 18 37 | 16 0 | 2 41 |
| S 30 | 13 44 | 2n44 | 4 59 | 18 18 | 0 54 | 22 46 | 1 3 | 11 32 | 1 32 | 13 38 | 1 27 | 1 37 | 2 39 | 13 9 | 0 31 | 3 5 | 1 21 | 21 18 | 4 55 | 23 13 | 23 9 | 18 34 | 16 2 | 2 42 |
| S 31 | 14s 4 | 8n17 | 5n 4 | 18s49 | 1s 1 | 22s59 | 1s 6 | 11n20 | 1n33 | 13n35 | 1s27 | 1n36 | 2s39 | 13n 8 | 0s31 | 3s 6 | 1n21 | 21n18 | 4n56 | 23s13 | 23s10 | 18n32 | 16s 4 | 2n42 |

Julian Day Number = 2611794.5, Delta T = 10m34s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'29, Lahiri = 29°59'30


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## NOVEMBER 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 42 7 | 8♏44'12 | 22♈47 | 22♏ 4 | 11♐16 | 4♍53 | 10°R27 | 10°R 8 | 6°R23 | 11♎ 3 | 14♌ 2 | 6°R27 | 7♑38 | 28♋54 | 23♏56 | M 1 |
| T 2 | 2 46 3 | 9°43'58 | 6♉10 | 23°35 | 12°29 | 5°27 | 10♉19 | 10♈ 5 | 6♉21 | 11° 5 | 14° 2 | 6♑17 | 7°35 | 29° 0 | 24° 4 | T 2 |
| W 3 | 2 50 0 | 10°43'46 | 19°16 | 25° 5 | 13°42 | 6° 1 | 10°11 | 10° 1 | 6°18 | 11° 7 | 14° 2 | 6° 8 | 7°32 | 29° 7 | 24°12 | W 3 |
| T 4 | 2 53 56 | 11°43'36 | 2♊ 5 | 26°35 | 14°55 | 6°35 | 10° 3 | 9°57 | 6°16 | 11° 9 | 14° 3 | 6° 1 | 7°28 | 29°14 | 24°20 | T 4 |
| F 5 | 2 57 53 | 12°43'28 | 14°36 | 28° 4 | 16° 8 | 7° 9 | 9°55 | 9°54 | 6°14 | 11°11 | 14° 3 | 5°56 | 7°25 | 29°20 | 24°28 | F 5 |
| S 6 | 3 1 49 | 13°43'23 | 26°51 | 29°32 | 17°21 | 7°42 | 9°47 | 9°50 | 6°11 | 11°13 | 14° 3 | 5°54 | 7°22 | 29°27 | 24°36 | S 6 |
| S 7 | 3 5 46 | 14°43'19 | 8♋53 | 1♐ 0 | 18°34 | 8°16 | 9°39 | 9°47 | 6° 9 | 11°15 | 14° 3 | 5°D53 | 7°19 | 29°33 | 24°44 | S 7 |
| M 8 | 3 9 43 | 15°43'18 | 20°46 | 2°28 | 19°47 | 8°49 | 9°31 | 9°44 | 6° 6 | 11°17 | 14° 4 | 5°54 | 7°16 | 29°40 | 24°53 | M 8 |
| T 9 | 3 13 39 | 16°43'18 | 2♌35 | 3°55 | 21° 0 | 9°23 | 9°23 | 9°40 | 6° 4 | 11°18 | 14° 4 | 5°56 | 7°13 | 29°47 | 25° 1 | T 9 |
| W10 | 3 17 36 | 17°43'21 | 14°24 | 5°21 | 22°13 | 9°56 | 9°15 | 9°37 | 6° 2 | 11°20 | 14° 4 | 5°R57 | 7° 9 | 29°53 | 25° 9 | W10 |
| T 11 | 3 21 32 | 18°43'26 | 26°19 | 6°46 | 23°26 | 10°29 | 9° 7 | 9°34 | 5°59 | 11°22 | 14° 4 | 5°56 | 7° 6 | 0♌ 0 | 25°17 | T 11 |
| F 12 | 3 25 29 | 19°43'32 | 8♍25 | 8°11 | 24°39 | 11° 2 | 8°59 | 9°31 | 5°57 | 11°24 | 14° 4 | 5°54 | 7° 3 | 0° 7 | 25°25 | F 12 |
| S 13 | 3 29 25 | 20°43'41 | 20°47 | 9°35 | 25°52 | 11°35 | 8°51 | 9°28 | 5°54 | 11°26 | 14° 4 | 5°50 | 7° 0 | 0°13 | 25°34 | S 13 |
| S 14 | 3 33 22 | 21°43'52 | 3♎29 | 10°59 | 27° 5 | 12° 7 | 8°43 | 9°25 | 5°52 | 11°28 | 14° 4 | 5°44 | 6°57 | 0°20 | 25°42 | S 14 |
| M15 | 3 37 18 | 22°44'05 | 16°33 | 12°21 | 28°18 | 12°40 | 8°35 | 9°23 | 5°50 | 11°29 | 14°R 4 | 5°38 | 6°53 | 0°27 | 25°50 | M15 |
| T 16 | 3 41 15 | 23°44'20 | 29°59 | 13°43 | 29°31 | 13°12 | 8°28 | 9°20 | 5°47 | 11°31 | 14° 4 | 5°30 | 6°50 | 0°33 | 25°58 | T 16 |
| W17 | 3 45 12 | 24°44'36 | 13♏48 | 15° 3 | 0♑44 | 13°45 | 8°20 | 9°17 | 5°45 | 11°33 | 14° 4 | 5°23 | 6°47 | 0°40 | 26° 6 | W17 |
| T 18 | 3 49 8 | 25°44'55 | 27°55 | 16°23 | 1°56 | 14°17 | 8°13 | 9°15 | 5°43 | 11°35 | 14° 4 | 5°17 | 6°44 | 0°47 | 26°15 | T 18 |
| F 19 | 3 53 5 | 26°45'15 | 12♐15 | 17°41 | 3° 9 | 14°49 | 8° 6 | 9°12 | 5°41 | 11°36 | 14° 4 | 5°13 | 6°41 | 0°53 | 26°23 | F 19 |
| S 20 | 3 57 1 | 27°45'37 | 26°44 | 18°58 | 4°22 | 15°21 | 7°58 | 9°10 | 5°38 | 11°38 | 14° 4 | 5°12 | 6°38 | 1° 0 | 26°31 | S 20 |
| S 21 | 4 0 58 | 28°46'00 | 11♑15 | 20°13 | 5°35 | 15°53 | 7°51 | 9° 8 | 5°36 | 11°40 | 14° 4 | 5°D11 | 6°34 | 1° 7 | 26°39 | S 21 |
| M22 | 4 4 54 | 29°46'25 | 25°43 | 21°26 | 6°47 | 16°24 | 7°44 | 9° 6 | 5°34 | 11°41 | 14° 3 | 5°12 | 6°31 | 1°13 | 26°48 | M22 |
| T 23 | 4 8 51 | 0♐46'51 | 10♒ 4 | 22°38 | 8° 0 | 16°56 | 7°37 | 9° 4 | 5°32 | 11°43 | 14° 3 | 5°14 | 6°28 | 1°20 | 26°56 | T 23 |
| W24 | 4 12 47 | 1°47'18 | 24°16 | 23°47 | 9°12 | 17°27 | 7°31 | 9° 2 | 5°30 | 11°45 | 14° 3 | 5°15 | 6°25 | 1°27 | 27° 4 | W24 |
| T 25 | 4 16 44 | 2°47'47 | 8♓17 | 24°54 | 10°25 | 17°58 | 7°24 | 9° 0 | 5°28 | 11°46 | 14° 3 | 5°R15 | 6°22 | 1°33 | 27°12 | T 25 |
| F 26 | 4 20 41 | 3°48'17 | 22° 6 | 25°57 | 11°38 | 18°29 | 7°17 | 8°58 | 5°26 | 11°48 | 14° 2 | 5°14 | 6°19 | 1°40 | 27°20 | F 26 |
| S 27 | 4 24 37 | 4°48'48 | 5♈43 | 26°58 | 12°50 | 19° 0 | 7°11 | 8°57 | 5°24 | 11°49 | 14° 2 | 5°11 | 6°15 | 1°47 | 27°29 | S 27 |
| S 28 | 4 28 34 | 5°49'20 | 19° 7 | 27°55 | 14° 2 | 19°31 | 7° 5 | 8°55 | 5°22 | 11°51 | 14° 2 | 5° 7 | 6°12 | 1°53 | 27°37 | S 28 |
| M29 | 4 32 30 | 6°49'53 | 2♉18 | 28°47 | 15°15 | 20° 2 | 6°59 | 8°54 | 5°20 | 11°52 | 14° 1 | 5° 2 | 6° 9 | 2° 0 | 27°45 | M29 |
| T 30 | 4 36 27 | 7♐50'28 | 15♉16 | 29♐35 | 16♑27 | 20♍32 | 6♉53 | 8♈53 | 5♉18 | 11♎54 | 14♌ 1 | 4♑58 | 6♑ 6 | 2♌ 7 | 27♏53 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s23 | 13n22 | 4n52 | 19s20 | 1s 7 | 23s12 | 1s 9 | 11n 9 | 1n33 | 13n33 | 1s27 | 1n35 | 2s38 | 13n 7 | 0s31 | 3s 7 | 1n21 | 21n18 | 4n56 | 23s14 | 23s10 | 18n30 | 16s 6 | 2n42 |
| T 2 | 14 42 | 17 42 | 4 25 | 19 49 | 1 14 | 23 25 | 1 11 | 10 57 | 1 34 | 13 30 | 1 27 | 1 33 | 2 38 | 13 7 | 0 31 | 3 8 | 1 21 | 21 18 | 4 56 | 23 14 | 23 10 | 18 28 | 16 7 | 2 42 |
| W 3 | 15 0 | 21 5 | 3 43 | 20 17 | 1 20 | 23 37 | 1 14 | 10 45 | 1 35 | 13 28 | 1 27 | 1 32 | 2 38 | 13 6 | 0 31 | 3 8 | 1 21 | 21 18 | 4 56 | 23 14 | 23 10 | 18 26 | 16 9 | 2 42 |
| T 4 | 15 19 | 23 20 | 2 51 | 20 44 | 1 26 | 23 48 | 1 17 | 10 33 | 1 36 | 13 25 | 1 27 | 1 31 | 2 38 | 13 5 | 0 31 | 3 9 | 1 21 | 21 18 | 4 56 | 23 15 | 23 10 | 18 24 | 16 11 | 2 43 |
| F 5 | 15 37 | 24 21 | 1 52 | 21 11 | 1 32 | 23 59 | 1 19 | 10 22 | 1 36 | 13 23 | 1 27 | 1 29 | 2 38 | 13 4 | 0 31 | 3 10 | 1 21 | 21 18 | 4 57 | 23 15 | 23 11 | 18 21 | 16 13 | 2 43 |
| S 6 | 15 55 | 24 9 | 0 49 | 21 36 | 1 38 | 24 8 | 1 22 | 10 10 | 1 37 | 13 21 | 1 26 | 1 28 | 2 38 | 13 3 | 0 31 | 3 11 | 1 21 | 21 18 | 4 57 | 23 15 | 23 11 | 18 19 | 16 14 | 2 43 |
| S 7 | 16 13 | 22 49 | 0s16 | 22 0 | 1 44 | 24 18 | 1 24 | 9 58 | 1 38 | 13 18 | 1 26 | 1 27 | 2 38 | 13 3 | 0 31 | 3 11 | 1 21 | 21 18 | 4 57 | 23 15 | 23 11 | 18 17 | 16 16 | 2 43 |
| M 8 | 16 30 | 20 28 | 1 20 | 22 23 | 1 49 | 24 26 | 1 27 | 9 46 | 1 39 | 13 16 | 1 26 | 1 26 | 2 37 | 13 2 | 0 31 | 3 12 | 1 21 | 21 19 | 4 57 | 23 15 | 23 11 | 18 15 | 16 18 | 2 43 |
| T 9 | 16 48 | 17 17 | 2 19 | 22 45 | 1 54 | 24 34 | 1 29 | 9 34 | 1 39 | 13 13 | 1 26 | 1 25 | 2 37 | 13 1 | 0 31 | 3 13 | 1 21 | 21 19 | 4 57 | 23 15 | 23 11 | 18 13 | 16 20 | 2 44 |
| W10 | 17 5 | 13 24 | 3 13 | 23 6 | 2 0 | 24 41 | 1 32 | 9 22 | 1 40 | 13 11 | 1 26 | 1 24 | 2 37 | 13 0 | 0 31 | 3 14 | 1 21 | 21 19 | 4 58 | 23 15 | 23 11 | 18 11 | 16 21 | 2 44 |
| T 11 | 17 21 | 8 58 | 3 59 | 23 26 | 2 4 | 24 47 | 1 34 | 9 11 | 1 41 | 13 8 | 1 26 | 1 23 | 2 37 | 12 59 | 0 31 | 3 14 | 1 21 | 21 19 | 4 58 | 23 15 | 23 12 | 18 8 | 16 23 | 2 44 |
| F 12 | 17 38 | 4 9 | 4 35 | 23 45 | 2 9 | 24 53 | 1 36 | 8 59 | 1 42 | 13 6 | 1 26 | 1 22 | 2 37 | 12 59 | 0 31 | 3 15 | 1 21 | 21 19 | 4 58 | 23 15 | 23 12 | 18 6 | 16 25 | 2 44 |
| S 13 | 17 54 | 0s56 | 4 59 | 24 2 | 2 13 | 24 58 | 1 39 | 8 47 | 1 43 | 13 4 | 1 26 | 1 21 | 2 37 | 12 58 | 0 31 | 3 16 | 1 21 | 21 19 | 4 58 | 23 15 | 23 12 | 18 4 | 16 26 | 2 45 |
| S 14 | 18 9 | 6 6 | 5 9 | 24 18 | 2 17 | 25 2 | 1 41 | 8 35 | 1 43 | 13 1 | 1 25 | 1 20 | 2 36 | 12 57 | 0 31 | 3 16 | 1 22 | 21 20 | 4 58 | 23 16 | 23 12 | 18 2 | 16 28 | 2 45 |
| M15 | 18 25 | 11 10 | 5 4 | 24 33 | 2 21 | 25 5 | 1 43 | 8 24 | 1 44 | 12 59 | 1 25 | 1 19 | 2 36 | 12 56 | 0 31 | 3 17 | 1 22 | 21 20 | 4 59 | 23 16 | 23 12 | 18 0 | 16 30 | 2 45 |
| T 16 | 18 40 | 15 50 | 4 42 | 24 47 | 2 25 | 25 8 | 1 45 | 8 12 | 1 45 | 12 57 | 1 25 | 1 18 | 2 36 | 12 56 | 0 31 | 3 18 | 1 22 | 21 20 | 4 59 | 23 16 | 23 12 | 17 57 | 16 31 | 2 45 |
| W17 | 18 55 | 19 48 | 4 3 | 25 0 | 2 28 | 25 10 | 1 47 | 8 0 | 1 46 | 12 55 | 1 25 | 1 17 | 2 36 | 12 55 | 0 31 | 3 18 | 1 22 | 21 20 | 4 59 | 23 16 | 23 13 | 17 55 | 16 33 | 2 46 |
| T 18 | 19 9 | 22 43 | 3 9 | 25 11 | 2 30 | 25 11 | 1 49 | 7 49 | 1 46 | 12 52 | 1 25 | 1 16 | 2 36 | 12 54 | 0 31 | 3 19 | 1 22 | 21 20 | 4 59 | 23 17 | 23 13 | 17 53 | 16 35 | 2 46 |
| F 19 | 19 23 | 24 13 | 2 2 | 25 21 | 2 33 | 25 12 | 1 51 | 7 37 | 1 47 | 12 50 | 1 25 | 1 15 | 2 35 | 12 54 | 0 31 | 3 20 | 1 22 | 21 21 | 4 59 | 23 17 | 23 13 | 17 51 | 16 36 | 2 46 |
| S 20 | 19 37 | 24 6 | 0 46 | 25 29 | 2 34 | 25 11 | 1 53 | 7 25 | 1 48 | 12 48 | 1 24 | 1 15 | 2 35 | 12 53 | 0 31 | 3 20 | 1 22 | 21 21 | 5 0 | 23 17 | 23 13 | 17 49 | 16 38 | 2 46 |
| S 21 | 19 50 | 22 22 | 0n33 | 25 37 | 2 36 | 25 10 | 1 55 | 7 14 | 1 49 | 12 46 | 1 24 | 1 14 | 2 35 | 12 52 | 0 31 | 3 21 | 1 22 | 21 21 | 5 0 | 23 17 | 23 13 | 17 46 | 16 40 | 2 47 |
| M22 | 20 3 | 19 9 | 1 50 | 25 43 | 2 37 | 25 9 | 1 56 | 7 2 | 1 50 | 12 44 | 1 24 | 1 13 | 2 35 | 12 51 | 0 31 | 3 21 | 1 22 | 21 21 | 5 0 | 23 17 | 23 13 | 17 44 | 16 41 | 2 47 |
| T 23 | 20 16 | 14 48 | 2 59 | 25 47 | 2 37 | 25 6 | 1 58 | 6 51 | 1 51 | 12 42 | 1 24 | 1 13 | 2 35 | 12 51 | 0 31 | 3 22 | 1 22 | 21 22 | 5 0 | 23 17 | 23 13 | 17 42 | 16 43 | 2 47 |
| W24 | 20 28 | 9 41 | 3 57 | 25 51 | 2 37 | 25 3 | 2 0 | 6 39 | 1 51 | 12 40 | 1 24 | 1 12 | 2 34 | 12 50 | 0 31 | 3 23 | 1 22 | 21 22 | 5 1 | 23 17 | 23 14 | 17 40 | 16 44 | 2 47 |
| T 25 | 20 40 | 4 7 | 4 39 | 25 53 | 2 36 | 24 59 | 2 1 | 6 28 | 1 52 | 12 38 | 1 23 | 1 12 | 2 34 | 12 49 | 0 31 | 3 23 | 1 22 | 21 22 | 5 1 | 23 17 | 23 14 | 17 37 | 16 46 | 2 48 |
| F 26 | 20 52 | 1n33 | 5 5 | 25 53 | 2 34 | 24 55 | 2 3 | 6 17 | 1 53 | 12 36 | 1 23 | 1 11 | 2 34 | 12 49 | 0 31 | 3 24 | 1 22 | 21 22 | 5 1 | 23 17 | 23 14 | 17 35 | 16 47 | 2 48 |
| S 27 | 21 3 | 7 3 | 5 13 | 25 52 | 2 32 | 24 49 | 2 4 | 6 5 | 1 54 | 12 34 | 1 23 | 1 11 | 2 34 | 12 48 | 0 31 | 3 24 | 1 22 | 21 23 | 5 1 | 23 17 | 23 14 | 17 33 | 16 49 | 2 48 |
| S 28 | 21 14 | 12 9 | 5 4 | 25 50 | 2 28 | 24 43 | 2 5 | 5 54 | 1 55 | 12 32 | 1 23 | 1 11 | 2 34 | 12 47 | 0 31 | 3 25 | 1 22 | 21 23 | 5 1 | 23 17 | 23 14 | 17 31 | 16 51 | 2 49 |
| M29 | 21 24 | 16 36 | 4 38 | 25 47 | 2 24 | 24 36 | 2 6 | 5 43 | 1 56 | 12 31 | 1 23 | 1 10 | 2 33 | 12 47 | 0 31 | 3 25 | 1 22 | 21 23 | 5 1 | 23 17 | 23 14 | 17 29 | 16 52 | 2 49 |
| T 30 | 21s34 | 20n11 | 3n59 | 25s42 | 2s19 | 24s29 | 2s 7 | 5n32 | 1n56 | 12n29 | 1s22 | 1n10 | 2s33 | 12n46 | 0s31 | 3s26 | 1n22 | 21n24 | 5n 2 | 23s17 | 23s15 | 17n26 | 16s54 | 2n49 |

Julian Day Number = 2611825.5, Delta T = 10m35s
Ecliptic obliquity = 23°22'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'33, Lahiri = 29°59'34


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# ASTRODIENST EPHEMERIS for the year 2438
# geocentric

## DECEMBER 2438 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 40 23 | 8♐51'04 | 28♉ 1 | 0♑18 | 17♑39 | 21♍ 2 | 6°R47 | 8°R51 | 5°R16 | 11♎55 | 14°R 1 | 4°R53 | 6♑ 3 | 2♌13 | 28♏ 1 | W 1 |
| T 2 | 4 44 20 | 9°51'42 | 10♊32 | 0°54 | 18°51 | 21°32 | 6♉41 | 8♈50 | 5♉14 | 11°56 | 14♌ 0 | 4♑50 | 5°59 | 2°20 | 28° 9 | T 2 |
| F 3 | 4 48 16 | 10°52'20 | 22°51 | 1°24 | 20° 4 | 22° 2 | 6°36 | 8°49 | 5°12 | 11°58 | 14° 0 | 4°48 | 5°56 | 2°27 | 28°17 | F 3 |
| S 4 | 4 52 13 | 11°53'01 | 4♋58 | 1°46 | 21°16 | 22°32 | 6°31 | 8°48 | 5°10 | 11°59 | 13°59 | 4°D48 | 5°53 | 2°33 | 28°25 | S 4 |
| S 5 | 4 56 10 | 12°53'42 | 16°56 | 2° 0 | 22°28 | 23° 2 | 6°26 | 8°48 | 5° 8 | 12° 0 | 13°59 | 4°48 | 5°50 | 2°40 | 28°33 | S 5 |
| M 6 | 5 0 6 | 13°54'25 | 28°47 | 2°R 5 | 23°40 | 23°31 | 6°21 | 8°47 | 5° 7 | 12° 2 | 13°58 | 4°50 | 5°47 | 2°47 | 28°42 | M 6 |
| T 7 | 5 4 3 | 14°55'10 | 10♌36 | 2° 0 | 24°52 | 24° 0 | 6°16 | 8°46 | 5° 5 | 12° 3 | 13°57 | 4°51 | 5°44 | 2°53 | 28°50 | T 7 |
| W 8 | 5 7 59 | 15°55'56 | 22°24 | 1°44 | 26° 4 | 24°29 | 6°11 | 8°46 | 5° 3 | 12° 4 | 13°57 | 4°53 | 5°40 | 3° 0 | 28°58 | W 8 |
| T 9 | 5 11 56 | 16°56'43 | 4♍18 | 1°18 | 27°15 | 24°58 | 6° 7 | 8°46 | 5° 1 | 12° 5 | 13°56 | 4°54 | 5°37 | 3° 7 | 29° 5 | T 9 |
| F 10 | 5 15 52 | 17°57'32 | 16°23 | 0°40 | 28°27 | 25°27 | 6° 3 | 8°45 | 5° 0 | 12° 6 | 13°56 | 4°R55 | 5°34 | 3°13 | 29°13 | F 10 |
| S 11 | 5 19 49 | 18°58'22 | 28°41 | 29♐51 | 29°39 | 25°56 | 5°59 | 8°45 | 4°58 | 12° 8 | 13°55 | 4°55 | 5°31 | 3°20 | 29°21 | S 11 |
| S 12 | 5 23 45 | 19°59'13 | 11♎20 | 28°52 | 0♒50 | 26°24 | 5°55 | 8°D45 | 4°57 | 12° 9 | 13°54 | 4°54 | 5°28 | 3°27 | 29°29 | S 12 |
| M13 | 5 27 42 | 21° 0'06 | 24°21 | 27°44 | 2° 2 | 26°52 | 5°51 | 8°45 | 4°55 | 12°10 | 13°54 | 4°52 | 5°25 | 3°33 | 29°37 | M13 |
| T 14 | 5 31 39 | 22° 1'00 | 7♏48 | 26°29 | 3°13 | 27°20 | 5°48 | 8°45 | 4°54 | 12°11 | 13°53 | 4°50 | 5°21 | 3°40 | 29°45 | T 14 |
| W15 | 5 35 35 | 23° 1'55 | 21°41 | 25° 8 | 4°25 | 27°47 | 5°44 | 8°46 | 4°52 | 12°12 | 13°52 | 4°49 | 5°18 | 3°47 | 29°53 | W15 |
| T 16 | 5 39 32 | 24° 2'52 | 5♐59 | 23°46 | 5°36 | 28°15 | 5°41 | 8°46 | 4°51 | 12°13 | 13°51 | 4°47 | 5°15 | 3°53 | 0♐ 0 | T 16 |
| F 17 | 5 43 28 | 25° 3'50 | 20°36 | 22°23 | 6°47 | 28°42 | 5°38 | 8°47 | 4°50 | 12°14 | 13°50 | 4°46 | 5°12 | 4° 0 | 0° 8 | F 17 |
| S 18 | 5 47 25 | 26° 4'48 | 5♑27 | 21° 4 | 7°59 | 29° 9 | 5°36 | 8°47 | 4°48 | 12°15 | 13°50 | 4°D46 | 5° 9 | 4° 7 | 0°16 | S 18 |
| S 19 | 5 51 21 | 27° 5'48 | 20°25 | 19°50 | 9°10 | 29°36 | 5°33 | 8°48 | 4°47 | 12°16 | 13°49 | 4°46 | 5° 5 | 4°13 | 0°24 | S 19 |
| M20 | 5 55 18 | 28° 6'48 | 5♒20 | 18°44 | 10°21 | 0♎ 2 | 5°31 | 8°49 | 4°46 | 12°16 | 13°48 | 4°47 | 5° 2 | 4°20 | 0°31 | M20 |
| T 21 | 5 59 15 | 29° 7'48 | 20° 5 | 17°48 | 11°32 | 0°29 | 5°29 | 8°50 | 4°45 | 12°17 | 13°47 | 4°47 | 4°59 | 4°27 | 0°39 | T 21 |
| W22 | 6 3 11 | 0♑ 8'49 | 4♓35 | 17° 2 | 12°43 | 0°55 | 5°27 | 8°51 | 4°44 | 12°18 | 13°46 | 4°48 | 4°56 | 4°33 | 0°46 | W22 |
| T 23 | 6 7 8 | 1° 9'51 | 18°46 | 16°27 | 13°53 | 1°20 | 5°25 | 8°52 | 4°43 | 12°19 | 13°45 | 4°48 | 4°53 | 4°40 | 0°54 | T 23 |
| F 24 | 6 11 4 | 2°10'53 | 2♈36 | 16° 3 | 15° 4 | 1°46 | 5°24 | 8°53 | 4°42 | 12°19 | 13°44 | 4°R48 | 4°50 | 4°47 | 1° 1 | F 24 |
| S 25 | 6 15 1 | 3°11'55 | 16° 6 | 15°50 | 16°14 | 2°11 | 5°23 | 8°55 | 4°41 | 12°20 | 13°43 | 4°48 | 4°46 | 4°53 | 1° 9 | S 25 |
| S 26 | 6 18 57 | 4°12'57 | 29°16 | 15°D48 | 17°25 | 2°36 | 5°22 | 8°56 | 4°40 | 12°21 | 13°42 | 4°48 | 4°43 | 5° 0 | 1°16 | S 26 |
| M27 | 6 22 54 | 5°14'00 | 12♉ 9 | 15°55 | 18°35 | 3° 1 | 5°21 | 8°58 | 4°39 | 12°21 | 13°41 | 4°D48 | 4°40 | 5° 7 | 1°23 | M27 |
| T 28 | 6 26 50 | 6°15'04 | 24°47 | 16°11 | 19°45 | 3°25 | 5°20 | 8°59 | 4°38 | 12°22 | 13°40 | 4°48 | 4°37 | 5°13 | 1°31 | T 28 |
| W29 | 6 30 47 | 7°16'07 | 7♊12 | 16°35 | 20°55 | 3°50 | 5°20 | 9° 1 | 4°37 | 12°22 | 13°39 | 4°49 | 4°34 | 5°20 | 1°38 | W29 |
| T 30 | 6 34 44 | 8°17'11 | 19°26 | 17° 7 | 22° 5 | 4°13 | 5°D20 | 9° 3 | 4°37 | 12°23 | 13°38 | 4°49 | 4°31 | 5°27 | 1°45 | T 30 |
| F 31 | 6 38 40 | 9♑18'16 | 1♋31 | 17♐45 | 23♒15 | 4♎37 | 5♉20 | 9♈ 5 | 4♉36 | 12♎23 | 13♌37 | 4°R49 | 4♑27 | 5♌33 | 1♐52 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21s43 | 22n44 | 3n 9 | 25s36 | 2s13 | 24s21 | 2s 9 | 5n20 | 1n57 | 12n27 | 1s22 | 1n10 | 2s33 | 12n45 | 0s31 | 3s26 | 1n22 | 21n24 | 5n 2 | 23s18 | 23s15 | 17n24 | 16s55 | 2n49 |
| T 2 | 21 53 | 24 7 | 2 10 | 25 28 | 2 5 | 24 12 | 2 9 | 5 9 | 1 58 | 12 26 | 1 22 | 1 9 | 2 33 | 12 45 | 0 31 | 3 27 | 1 22 | 21 24 | 5 2 | 23 18 | 23 15 | 17 22 | 16 57 | 2 50 |
| F 3 | 22 1 | 24 17 | 1 5 | 25 19 | 1 57 | 24 2 | 2 10 | 4 58 | 1 59 | 12 24 | 1 22 | 1 9 | 2 32 | 12 44 | 0 31 | 3 27 | 1 22 | 21 25 | 5 2 | 23 18 | 23 15 | 17 20 | 16 58 | 2 50 |
| S 4 | 22 10 | 23 16 | 0s 1 | 25 9 | 1 47 | 23 52 | 2 11 | 4 47 | 2 0 | 12 23 | 1 21 | 1 9 | 2 32 | 12 44 | 0 31 | 3 28 | 1 22 | 21 25 | 5 2 | 23 18 | 23 15 | 17 17 | 16 59 | 2 50 |
| S 5 | 22 17 | 21 13 | 1 7 | 24 58 | 1 36 | 23 41 | 2 12 | 4 37 | 2 1 | 12 21 | 1 21 | 1 9 | 2 32 | 12 43 | 0 31 | 3 28 | 1 22 | 21 25 | 5 3 | 23 18 | 23 15 | 17 15 | 17 1 | 2 51 |
| M 6 | 22 25 | 18 15 | 2 9 | 24 45 | 1 23 | 23 29 | 2 12 | 4 26 | 2 2 | 12 20 | 1 21 | 1 9 | 2 32 | 12 43 | 0 31 | 3 29 | 1 22 | 21 26 | 5 3 | 23 18 | 23 15 | 17 13 | 17 2 | 2 51 |
| T 7 | 22 32 | 14 34 | 3 5 | 24 31 | 1 9 | 23 17 | 2 13 | 4 15 | 2 2 | 12 19 | 1 21 | 1 9 | 2 31 | 12 42 | 0 31 | 3 29 | 1 22 | 21 26 | 5 3 | 23 18 | 23 16 | 17 10 | 17 4 | 2 51 |
| W 8 | 22 38 | 10 19 | 3 54 | 24 16 | 0 54 | 23 4 | 2 13 | 4 4 | 2 3 | 12 17 | 1 20 | 1 9 | 2 31 | 12 41 | 0 31 | 3 30 | 1 23 | 21 26 | 5 3 | 23 18 | 23 16 | 17 8 | 17 5 | 2 52 |
| T 9 | 22 45 | 5 40 | 4 33 | 23 59 | 0 37 | 22 50 | 2 14 | 3 54 | 2 4 | 12 16 | 1 20 | 1 9 | 2 31 | 12 41 | 0 31 | 3 30 | 1 23 | 21 27 | 5 3 | 23 18 | 23 16 | 17 6 | 17 6 | 2 52 |
| F 10 | 22 50 | 0 45 | 5 0 | 23 42 | 0 19 | 22 36 | 2 14 | 3 43 | 2 5 | 12 15 | 1 20 | 1 9 | 2 31 | 12 40 | 0 31 | 3 30 | 1 23 | 21 27 | 5 4 | 23 17 | 23 16 | 17 4 | 17 8 | 2 52 |
| S 11 | 22 56 | 4s18 | 5 15 | 23 23 | 0n 0 | 22 21 | 2 14 | 3 33 | 2 6 | 12 14 | 1 20 | 1 9 | 2 30 | 12 40 | 0 31 | 3 31 | 1 23 | 21 27 | 5 4 | 23 17 | 23 16 | 17 1 | 17 9 | 2 53 |
| S 12 | 23 0 | 9 18 | 5 15 | 23 2 | 0 20 | 22 6 | 2 14 | 3 22 | 2 7 | 12 13 | 1 19 | 1 10 | 2 30 | 12 39 | 0 31 | 3 31 | 1 23 | 21 28 | 5 4 | 23 18 | 23 16 | 16 59 | 17 10 | 2 53 |
| M13 | 23 5 | 14 3 | 4 59 | 22 41 | 0 40 | 21 50 | 2 14 | 3 12 | 2 8 | 12 12 | 1 19 | 1 10 | 2 30 | 12 39 | 0 31 | 3 32 | 1 23 | 21 28 | 5 4 | 23 18 | 23 16 | 16 57 | 17 12 | 2 53 |
| T 14 | 23 9 | 18 16 | 4 26 | 22 20 | 1 1 | 21 33 | 2 14 | 3 2 | 2 9 | 12 11 | 1 19 | 1 10 | 2 30 | 12 38 | 0 31 | 3 32 | 1 23 | 21 28 | 5 4 | 23 18 | 23 16 | 16 55 | 17 13 | 2 54 |
| W15 | 23 12 | 21 38 | 3 37 | 21 57 | 1 20 | 21 16 | 2 13 | 2 52 | 2 10 | 12 10 | 1 18 | 1 10 | 2 30 | 12 38 | 0 31 | 3 32 | 1 23 | 21 29 | 5 5 | 23 18 | 23 17 | 16 52 | 17 14 | 2 54 |
| T 16 | 23 15 | 23 46 | 2 33 | 21 35 | 1 39 | 20 58 | 2 13 | 2 42 | 2 11 | 12 9 | 1 18 | 1 11 | 2 29 | 12 38 | 0 31 | 3 33 | 1 23 | 21 29 | 5 5 | 23 18 | 23 17 | 16 50 | 17 16 | 2 55 |
| F 17 | 23 17 | 24 21 | 1 18 | 21 14 | 1 56 | 20 40 | 2 12 | 2 32 | 2 12 | 12 9 | 1 18 | 1 11 | 2 29 | 12 37 | 0 31 | 3 33 | 1 23 | 21 30 | 5 5 | 23 18 | 23 17 | 16 48 | 17 17 | 2 55 |
| S 18 | 23 19 | 23 12 | 0n 4 | 20 54 | 2 11 | 20 21 | 2 12 | 2 22 | 2 13 | 12 8 | 1 18 | 1 12 | 2 29 | 12 37 | 0 31 | 3 33 | 1 23 | 21 30 | 5 5 | 23 18 | 23 17 | 16 45 | 17 18 | 2 55 |
| S 19 | 23 21 | 20 25 | 1 26 | 20 36 | 2 24 | 20 2 | 2 11 | 2 12 | 2 14 | 12 8 | 1 17 | 1 12 | 2 29 | 12 36 | 0 31 | 3 33 | 1 23 | 21 31 | 5 5 | 23 18 | 23 17 | 16 43 | 17 19 | 2 56 |
| M20 | 23 22 | 16 16 | 2 42 | 20 20 | 2 35 | 19 42 | 2 10 | 2 3 | 2 15 | 12 7 | 1 17 | 1 13 | 2 28 | 12 36 | 0 30 | 3 34 | 1 23 | 21 31 | 5 5 | 23 18 | 23 17 | 16 41 | 17 20 | 2 56 |
| T 21 | 23 23 | 11 10 | 3 46 | 20 7 | 2 43 | 19 21 | 2 9 | 1 53 | 2 15 | 12 7 | 1 17 | 1 13 | 2 28 | 12 36 | 0 30 | 3 34 | 1 23 | 21 31 | 5 6 | 23 18 | 23 17 | 16 38 | 17 21 | 2 57 |
| W22 | 23 23 | 5 32 | 4 35 | 19 56 | 2 49 | 19 0 | 2 8 | 1 44 | 2 16 | 12 6 | 1 16 | 1 14 | 2 28 | 12 35 | 0 30 | 3 34 | 1 23 | 21 32 | 5 6 | 23 18 | 23 17 | 16 36 | 17 23 | 2 57 |
| T 23 | 23 23 | 0n15 | 5 6 | 19 49 | 2 53 | 18 39 | 2 7 | 1 34 | 2 17 | 12 6 | 1 16 | 1 15 | 2 28 | 12 35 | 0 30 | 3 35 | 1 23 | 21 32 | 5 6 | 23 18 | 23 18 | 16 34 | 17 24 | 2 57 |
| F 24 | 23 22 | 5 53 | 5 18 | 19 45 | 2 55 | 18 17 | 2 6 | 1 25 | 2 18 | 12 6 | 1 16 | 1 15 | 2 27 | 12 35 | 0 30 | 3 35 | 1 23 | 21 33 | 5 6 | 23 18 | 23 18 | 16 31 | 17 25 | 2 58 |
| S 25 | 23 21 | 11 7 | 5 12 | 19 44 | 2 55 | 17 54 | 2 4 | 1 16 | 2 19 | 12 6 | 1 15 | 1 16 | 2 27 | 12 34 | 0 30 | 3 35 | 1 23 | 21 33 | 5 6 | 23 18 | 23 18 | 16 29 | 17 26 | 2 58 |
| S 26 | 23 19 | 15 42 | 4 49 | 19 45 | 2 54 | 17 32 | 2 3 | 1 7 | 2 20 | 12 6 | 1 15 | 1 17 | 2 27 | 12 34 | 0 30 | 3 35 | 1 23 | 21 34 | 5 6 | 23 18 | 23 18 | 16 27 | 17 27 | 2 59 |
| M27 | 23 17 | 19 27 | 4 13 | 19 49 | 2 51 | 17 8 | 2 1 | 0 58 | 2 21 | 12 6 | 1 15 | 1 18 | 2 27 | 12 34 | 0 30 | 3 35 | 1 24 | 21 34 | 5 7 | 23 18 | 23 18 | 16 25 | 17 28 | 2 59 |
| T 28 | 23 14 | 22 14 | 3 25 | 19 54 | 2 47 | 16 45 | 1 59 | 0 49 | 2 22 | 12 6 | 1 14 | 1 19 | 2 26 | 12 34 | 0 30 | 3 36 | 1 24 | 21 34 | 5 7 | 23 18 | 23 18 | 16 22 | 17 29 | 2 59 |
| W29 | 23 11 | 23 53 | 2 28 | 20 2 | 2 42 | 16 21 | 1 58 | 0 41 | 2 23 | 12 6 | 1 14 | 1 20 | 2 26 | 12 33 | 0 30 | 3 36 | 1 24 | 21 35 | 5 7 | 23 18 | 23 18 | 16 20 | 17 30 | 3 0 |
| T 30 | 23 7 | 24 22 | 1 24 | 20 11 | 2 36 | 15 56 | 1 56 | 0 32 | 2 24 | 12 6 | 1 14 | 1 21 | 2 26 | 12 33 | 0 30 | 3 36 | 1 24 | 21 35 | 5 7 | 23 18 | 23 18 | 16 18 | 17 31 | 3 0 |
| F 31 | 23s 3 | 23n41 | 0n18 | 20s21 | 2n29 | 15s31 | 1s53 | 0n24 | 2n25 | 12n 7 | 1s14 | 1n22 | 2s26 | 12n33 | 0s30 | 3s36 | 1n24 | 21n36 | 5n 7 | 23s18 | 23s18 | 16n15 | 17s32 | 3n 1 |

Julian Day Number = 2611855.5, Delta T = 10m35s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'37, Lahiri = 29°59'39


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## JANUARY 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 42 37 | 10♑19'20 | 13♋30 | 18♐29 | 24♒25 | 5♎ 0 | 5♉20 | 9♈ 7 | 4°R35 | 12♎24 | 13°R36 | 4°R49 | 4♑24 | 5♌40 | 1♐59 | S 1 |
| S 2 | 6 46 33 | 11°20'26 | 25°22 | 19°18 | 25°34 | 5°23 | 5°21 | 9° 9 | 4♉35 | 12°24 | 13♌35 | 4♑49 | 4°21 | 5°47 | 2° 6 | S 2 |
| M 3 | 6 50 30 | 12°21'31 | 7♌12 | 20°11 | 26°43 | 5°46 | 5°21 | 9°12 | 4°34 | 12°25 | 13°34 | 4°48 | 4°18 | 5°53 | 2°13 | M 3 |
| T 4 | 6 54 26 | 13°22'37 | 19° 1 | 21° 9 | 27°53 | 6° 8 | 5°22 | 9°14 | 4°34 | 12°25 | 13°33 | 4°47 | 4°15 | 6° 0 | 2°20 | T 4 |
| W 5 | 6 58 23 | 14°23'43 | 0♍51 | 22°11 | 29° 2 | 6°30 | 5°23 | 9°17 | 4°33 | 12°25 | 13°31 | 4°45 | 4°11 | 6° 7 | 2°27 | W 5 |
| T 6 | 7 2 19 | 15°24'50 | 12°46 | 23°15 | 0♓11 | 6°52 | 5°24 | 9°19 | 4°33 | 12°26 | 13°30 | 4°44 | 4° 8 | 6°13 | 2°34 | T 6 |
| F 7 | 7 6 16 | 16°25'57 | 24°50 | 24°23 | 1°19 | 7°13 | 5°26 | 9°22 | 4°33 | 12°26 | 13°29 | 4°42 | 4° 5 | 6°20 | 2°40 | F 7 |
| S 8 | 7 10 13 | 17°27'04 | 7♎ 6 | 25°32 | 2°28 | 7°34 | 5°28 | 9°25 | 4°32 | 12°26 | 13°28 | 4°42 | 4° 2 | 6°27 | 2°47 | S 8 |
| S 9 | 7 14 9 | 18°28'12 | 19°39 | 26°45 | 3°36 | 7°55 | 5°30 | 9°28 | 4°32 | 12°26 | 13°27 | 4°D41 | 3°59 | 6°33 | 2°54 | S 9 |
| M10 | 7 18 6 | 19°29'20 | 2♏33 | 27°59 | 4°45 | 8°15 | 5°32 | 9°31 | 4°32 | 12°26 | 13°25 | 4°42 | 3°56 | 6°40 | 3° 0 | M10 |
| T 11 | 7 22 2 | 20°30'29 | 15°51 | 29°14 | 5°53 | 8°35 | 5°34 | 9°34 | 4°32 | 12°26 | 13°24 | 4°43 | 3°52 | 6°47 | 3° 7 | T 11 |
| W12 | 7 25 59 | 21°31'37 | 29°36 | 0♑32 | 7° 1 | 8°55 | 5°36 | 9°37 | 4°32 | 12°27 | 13°23 | 4°44 | 3°49 | 6°53 | 3°13 | W12 |
| T 13 | 7 29 55 | 22°32'47 | 13♐48 | 1°51 | 8° 8 | 9°14 | 5°39 | 9°40 | 4°D32 | 12°R27 | 13°22 | 4°45 | 3°46 | 7° 0 | 3°19 | T 13 |
| F 14 | 7 33 52 | 23°33'56 | 28°25 | 3°11 | 9°16 | 9°33 | 5°42 | 9°44 | 4°32 | 12°27 | 13°20 | 4°R46 | 3°43 | 7° 7 | 3°26 | F 14 |
| S 15 | 7 37 48 | 24°35'05 | 13♑23 | 4°32 | 10°23 | 9°51 | 5°45 | 9°47 | 4°32 | 12°27 | 13°19 | 4°46 | 3°40 | 7°13 | 3°32 | S 15 |
| S 16 | 7 41 45 | 25°36'14 | 28°34 | 5°55 | 11°30 | 10° 9 | 5°48 | 9°51 | 4°32 | 12°26 | 13°18 | 4°45 | 3°37 | 7°20 | 3°38 | S 16 |
| M17 | 7 45 42 | 26°37'23 | 13♒49 | 7°18 | 12°37 | 10°26 | 5°52 | 9°54 | 4°32 | 12°26 | 13°17 | 4°42 | 3°33 | 7°27 | 3°44 | M17 |
| T 18 | 7 49 38 | 27°38'32 | 28°56 | 8°42 | 13°44 | 10°43 | 5°56 | 9°58 | 4°33 | 12°26 | 13°15 | 4°39 | 3°30 | 7°33 | 3°50 | T 18 |
| W19 | 7 53 35 | 28°39'40 | 13♓48 | 10° 7 | 14°50 | 11° 0 | 6° 0 | 10° 2 | 4°33 | 12°26 | 13°14 | 4°36 | 3°27 | 7°40 | 3°56 | W19 |
| T 20 | 7 57 31 | 29°40'47 | 28°16 | 11°33 | 15°56 | 11°16 | 6° 4 | 10° 6 | 4°33 | 12°26 | 13°13 | 4°33 | 3°24 | 7°47 | 4° 2 | T 20 |
| F 21 | 8 1 28 | 0♒41'54 | 12♈19 | 13° 0 | 17° 2 | 11°32 | 6° 8 | 10°10 | 4°34 | 12°26 | 13°11 | 4°30 | 3°21 | 7°53 | 4° 8 | F 21 |
| S 22 | 8 5 24 | 1°43'00 | 25°53 | 14°27 | 18° 8 | 11°47 | 6°12 | 10°14 | 4°34 | 12°25 | 13°10 | 4°D29 | 3°17 | 8° 0 | 4°13 | S 22 |
| S 23 | 8 9 21 | 2°44'06 | 9♉ 3 | 15°55 | 19°13 | 12° 2 | 6°17 | 10°18 | 4°35 | 12°25 | 13° 9 | 4°29 | 3°14 | 8° 7 | 4°19 | S 23 |
| M24 | 8 13 17 | 3°45'11 | 21°49 | 17°23 | 20°18 | 12°16 | 6°22 | 10°23 | 4°35 | 12°25 | 13° 7 | 4°30 | 3°11 | 8°13 | 4°25 | M24 |
| T 25 | 8 17 14 | 4°46'15 | 4♊16 | 18°53 | 21°23 | 12°30 | 6°27 | 10°27 | 4°36 | 12°24 | 13° 6 | 4°32 | 3° 8 | 8°20 | 4°30 | T 25 |
| W26 | 8 21 11 | 5°47'18 | 16°29 | 20°22 | 22°28 | 12°43 | 6°32 | 10°32 | 4°37 | 12°24 | 13° 5 | 4°34 | 3° 5 | 8°27 | 4°35 | W26 |
| T 27 | 8 25 7 | 6°48'21 | 28°31 | 21°53 | 23°32 | 12°55 | 6°37 | 10°36 | 4°37 | 12°23 | 13° 3 | 4°R35 | 3° 2 | 8°33 | 4°41 | T 27 |
| F 28 | 8 29 4 | 7°49'23 | 10♋26 | 23°24 | 24°36 | 13° 8 | 6°43 | 10°41 | 4°38 | 12°23 | 13° 2 | 4°35 | 2°58 | 8°40 | 4°46 | F 28 |
| S 29 | 8 33 0 | 8°50'24 | 22°17 | 24°56 | 25°39 | 13°19 | 6°49 | 10°45 | 4°39 | 12°22 | 13° 0 | 4°33 | 2°55 | 8°47 | 4°51 | S 29 |
| S 30 | 8 36 57 | 9°51'24 | 4♌ 6 | 26°28 | 26°43 | 13°30 | 6°55 | 10°50 | 4°40 | 12°22 | 12°59 | 4°30 | 2°52 | 8°53 | 4°56 | S 30 |
| M31 | 8 40 53 | 10♒52'24 | 15♌56 | 28♑ 1 | 27♓46 | 13♎41 | 7♉ 1 | 10♈55 | 4♉41 | 12♎21 | 12♌58 | 4♑25 | 2♑49 | 9♌ 0 | 5♐ 1 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s59 | 21n54 | 0s48 | 20s32 | 2n22 | 15s 6 | 1s51 | 0n16 | 2n27 | 12n 7 | 1s13 | 1n23 | 2s25 | 12n33 | 0s30 | 3s36 | 1n24 | 21n36 | 5n 7 | 23s18 | 23s19 | 16n13 | 17s33 | 3n 1 |
| S 2 | 22 54 | 19 11 | 1 52 | 20 43 | 2 14 | 14 41 | 1 49 | 0 7 | 2 28 | 12 7 | 1 13 | 1 24 | 2 25 | 12 33 | 0 30 | 3 36 | 1 24 | 21 37 | 5 7 | 23 18 | 23 19 | 16 11 | 17 34 | 3 2 |
| M 3 | 22 49 | 15 41 | 2 50 | 20 55 | 2 6 | 14 15 | 1 47 | 0s 1 | 2 29 | 12 8 | 1 13 | 1 25 | 2 25 | 12 33 | 0 30 | 3 36 | 1 24 | 21 37 | 5 8 | 23 18 | 23 19 | 16 8 | 17 35 | 3 2 |
| T 4 | 22 43 | 11 35 | 3 42 | 21 7 | 1 58 | 13 49 | 1 44 | 0 8 | 2 30 | 12 9 | 1 12 | 1 26 | 2 25 | 12 32 | 0 30 | 3 36 | 1 24 | 21 38 | 5 8 | 23 18 | 23 19 | 16 6 | 17 36 | 3 2 |
| W 5 | 22 36 | 7 2 | 4 23 | 21 19 | 1 50 | 13 22 | 1 41 | 0 16 | 2 31 | 12 9 | 1 12 | 1 27 | 2 24 | 12 32 | 0 30 | 3 36 | 1 24 | 21 38 | 5 8 | 23 18 | 23 19 | 16 4 | 17 37 | 3 3 |
| T 6 | 22 30 | 2 13 | 4 54 | 21 31 | 1 41 | 12 55 | 1 38 | 0 24 | 2 32 | 12 10 | 1 12 | 1 28 | 2 24 | 12 32 | 0 30 | 3 37 | 1 24 | 21 39 | 5 8 | 23 18 | 23 19 | 16 1 | 17 37 | 3 3 |
| F 7 | 22 22 | 2s44 | 5 12 | 21 43 | 1 33 | 12 28 | 1 36 | 0 31 | 2 33 | 12 11 | 1 11 | 1 30 | 2 24 | 12 32 | 0 30 | 3 37 | 1 24 | 21 39 | 5 8 | 23 18 | 23 19 | 15 59 | 17 38 | 3 4 |
| S 8 | 22 15 | 7 40 | 5 17 | 21 54 | 1 24 | 12 1 | 1 32 | 0 38 | 2 34 | 12 12 | 1 11 | 1 31 | 2 24 | 12 32 | 0 30 | 3 37 | 1 24 | 21 40 | 5 8 | 23 18 | 23 19 | 15 56 | 17 39 | 3 4 |
| S 9 | 22 7 | 12 24 | 5 6 | 22 5 | 1 15 | 11 33 | 1 29 | 0 45 | 2 35 | 12 12 | 1 11 | 1 32 | 2 23 | 12 32 | 0 30 | 3 37 | 1 24 | 21 40 | 5 8 | 23 18 | 23 19 | 15 54 | 17 40 | 3 5 |
| M10 | 21 58 | 16 43 | 4 40 | 22 15 | 1 7 | 11 5 | 1 26 | 0 52 | 2 36 | 12 13 | 1 11 | 1 34 | 2 23 | 12 32 | 0 30 | 3 37 | 1 24 | 21 41 | 5 9 | 23 18 | 23 19 | 15 52 | 17 41 | 3 5 |
| T 11 | 21 49 | 20 21 | 3 59 | 22 25 | 0 58 | 10 37 | 1 23 | 0 59 | 2 37 | 12 14 | 1 10 | 1 35 | 2 23 | 12 32 | 0 30 | 3 37 | 1 24 | 21 41 | 5 9 | 23 18 | 23 20 | 15 49 | 17 41 | 3 6 |
| W12 | 21 40 | 22 59 | 3 3 | 22 33 | 0 49 | 10 9 | 1 19 | 1 6 | 2 38 | 12 16 | 1 10 | 1 37 | 2 23 | 12 32 | 0 30 | 3 37 | 1 24 | 21 42 | 5 9 | 23 18 | 23 20 | 15 47 | 17 42 | 3 6 |
| T 13 | 21 30 | 24 17 | 1 53 | 22 41 | 0 41 | 9 40 | 1 15 | 1 12 | 2 39 | 12 17 | 1 10 | 1 38 | 2 23 | 12 32 | 0 30 | 3 37 | 1 24 | 21 42 | 5 9 | 23 18 | 23 20 | 15 45 | 17 43 | 3 7 |
| F 14 | 21 20 | 23 57 | 0 35 | 22 48 | 0 32 | 9 11 | 1 12 | 1 19 | 2 41 | 12 18 | 1 9 | 1 40 | 2 22 | 12 32 | 0 30 | 3 36 | 1 24 | 21 43 | 5 9 | 23 18 | 23 20 | 15 42 | 17 43 | 3 7 |
| S 15 | 21 9 | 21 55 | 0n47 | 22 54 | 0 24 | 8 42 | 1 8 | 1 25 | 2 42 | 12 19 | 1 9 | 1 41 | 2 22 | 12 32 | 0 30 | 3 36 | 1 25 | 21 43 | 5 9 | 23 18 | 23 20 | 15 40 | 17 44 | 3 8 |
| S 16 | 20 58 | 18 19 | 2 8 | 22 59 | 0 16 | 8 13 | 1 4 | 1 31 | 2 43 | 12 21 | 1 9 | 1 43 | 2 22 | 12 32 | 0 30 | 3 36 | 1 25 | 21 44 | 5 9 | 23 18 | 23 20 | 15 38 | 17 45 | 3 8 |
| M17 | 20 47 | 13 28 | 3 19 | 23 3 | 0 8 | 7 44 | 1 0 | 1 36 | 2 44 | 12 22 | 1 8 | 1 45 | 2 22 | 12 32 | 0 30 | 3 36 | 1 25 | 21 44 | 5 9 | 23 18 | 23 20 | 15 35 | 17 45 | 3 9 |
| T 18 | 20 35 | 7 49 | 4 16 | 23 6 | 0s 0 | 7 14 | 0 55 | 1 42 | 2 45 | 12 24 | 1 8 | 1 46 | 2 21 | 12 32 | 0 30 | 3 36 | 1 25 | 21 44 | 5 10 | 23 18 | 23 20 | 15 33 | 17 46 | 3 9 |
| W19 | 20 23 | 1 50 | 4 54 | 23 8 | 0 8 | 6 45 | 0 51 | 1 47 | 2 46 | 12 25 | 1 8 | 1 48 | 2 21 | 12 33 | 0 30 | 3 36 | 1 25 | 21 45 | 5 10 | 23 18 | 23 20 | 15 30 | 17 47 | 3 10 |
| T 20 | 20 10 | 4n 6 | 5 13 | 23 8 | 0 15 | 6 15 | 0 47 | 1 53 | 2 47 | 12 27 | 1 8 | 1 50 | 2 21 | 12 33 | 0 30 | 3 36 | 1 25 | 21 45 | 5 10 | 23 18 | 23 20 | 15 28 | 17 47 | 3 10 |
| F 21 | 19 57 | 9 38 | 5 12 | 23 8 | 0 23 | 5 45 | 0 42 | 1 58 | 2 49 | 12 28 | 1 7 | 1 51 | 2 21 | 12 33 | 0 29 | 3 36 | 1 25 | 21 46 | 5 10 | 23 18 | 23 20 | 15 26 | 17 48 | 3 11 |
| S 22 | 19 44 | 14 32 | 4 53 | 23 6 | 0 30 | 5 15 | 0 37 | 2 2 | 2 50 | 12 30 | 1 7 | 1 53 | 2 21 | 12 33 | 0 29 | 3 36 | 1 25 | 21 46 | 5 10 | 23 18 | 23 20 | 15 23 | 17 48 | 3 11 |
| S 23 | 19 30 | 18 34 | 4 19 | 23 3 | 0 37 | 4 45 | 0 32 | 2 7 | 2 51 | 12 32 | 1 7 | 1 55 | 2 20 | 12 33 | 0 29 | 3 35 | 1 25 | 21 47 | 5 10 | 23 18 | 23 21 | 15 21 | 17 49 | 3 12 |
| M24 | 19 16 | 21 37 | 3 34 | 22 59 | 0 44 | 4 15 | 0 27 | 2 12 | 2 52 | 12 34 | 1 6 | 1 57 | 2 20 | 12 34 | 0 29 | 3 35 | 1 25 | 21 47 | 5 10 | 23 18 | 23 21 | 15 18 | 17 49 | 3 13 |
| T 25 | 19 2 | 23 33 | 2 39 | 22 53 | 0 50 | 3 45 | 0 22 | 2 16 | 2 53 | 12 36 | 1 6 | 1 59 | 2 20 | 12 34 | 0 29 | 3 35 | 1 25 | 21 48 | 5 10 | 23 18 | 23 21 | 15 16 | 17 49 | 3 13 |
| W26 | 18 47 | 24 19 | 1 38 | 22 47 | 0 57 | 3 15 | 0 17 | 2 20 | 2 55 | 12 38 | 1 6 | 2 1 | 2 20 | 12 34 | 0 29 | 3 35 | 1 25 | 21 48 | 5 10 | 23 18 | 23 21 | 15 14 | 17 50 | 3 14 |
| T 27 | 18 32 | 23 56 | 0 33 | 22 39 | 1 3 | 2 45 | 0 12 | 2 24 | 2 56 | 12 40 | 1 6 | 2 3 | 2 20 | 12 34 | 0 29 | 3 35 | 1 25 | 21 49 | 5 10 | 23 18 | 23 21 | 15 11 | 17 50 | 3 14 |
| F 28 | 18 16 | 22 26 | 0s32 | 22 29 | 1 9 | 2 14 | 0 7 | 2 27 | 2 57 | 12 42 | 1 5 | 2 5 | 2 19 | 12 35 | 0 29 | 3 34 | 1 25 | 21 49 | 5 11 | 23 18 | 23 21 | 15 9 | 17 51 | 3 15 |
| S 29 | 18 0 | 19 59 | 1 35 | 22 19 | 1 14 | 1 44 | 0 1 | 2 31 | 2 58 | 12 44 | 1 5 | 2 7 | 2 19 | 12 35 | 0 29 | 3 34 | 1 25 | 21 50 | 5 11 | 23 18 | 23 21 | 15 6 | 17 51 | 3 15 |
| S 30 | 17 44 | 16 41 | 2 34 | 22 7 | 1 20 | 1 14 | 0n 5 | 2 34 | 2 59 | 12 46 | 1 5 | 2 9 | 2 19 | 12 35 | 0 29 | 3 34 | 1 25 | 21 50 | 5 11 | 23 18 | 23 21 | 15 4 | 17 51 | 3 16 |
| M31 | 17s28 | 12n44 | 3s26 | 21s54 | 1s25 | 0s44 | 0n10 | 2s37 | 3n 0 | 12n48 | 1s 4 | 2n11 | 2s19 | 12n36 | 0s29 | 3s34 | 1n25 | 21n51 | 5n11 | 23s19 | 23s21 | 15n 2 | 17s52 | 3n17 |

Julian Day Number = 2611886.5, Delta T = 10m35s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'41, Lahiri = 29°59'43


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## FEBRUARY 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 44 50 | 11♒53'23 | 27♌47 | 29♑34 | 28♓48 | 13♎51 | 7♉ 7 | 11♈ 0 | 4♉42 | 12°R21 | 12°R56 | 4°R18 | 2♑46 | 9♌ 7 | 5♐ 6 | T 1 |
| W 2 | 8 48 47 | 12°54'21 | 9♍43 | 1♒ 8 | 29°50 | 14° 0 | 7°13 | 11° 5 | 4°43 | 12♎20 | 12♌55 | 4♑11 | 2°43 | 9°13 | 5°11 | W 2 |
| T 3 | 8 52 43 | 13°55'18 | 21°44 | 2°43 | 0♈52 | 14° 9 | 7°20 | 11°10 | 4°44 | 12°19 | 12°54 | 4° 3 | 2°39 | 9°20 | 5°16 | T 3 |
| F 4 | 8 56 40 | 14°56'15 | 3♎53 | 4°18 | 1°53 | 14°17 | 7°27 | 11°15 | 4°45 | 12°19 | 12°52 | 3°56 | 2°36 | 9°27 | 5°20 | F 4 |
| S 5 | 9 0 36 | 15°57'11 | 16°13 | 5°54 | 2°54 | 14°24 | 7°33 | 11°21 | 4°46 | 12°18 | 12°51 | 3°50 | 2°33 | 9°33 | 5°25 | S 5 |
| S 6 | 9 4 33 | 16°58'06 | 28°46 | 7°31 | 3°55 | 14°31 | 7°41 | 11°26 | 4°47 | 12°17 | 12°49 | 3°46 | 2°30 | 9°40 | 5°29 | S 6 |
| M 7 | 9 8 29 | 17°59'01 | 11♏35 | 9° 8 | 4°55 | 14°37 | 7°48 | 11°31 | 4°49 | 12°16 | 12°48 | 3°45 | 2°27 | 9°47 | 5°33 | M 7 |
| T 8 | 9 12 26 | 18°59'55 | 24°44 | 10°46 | 5°55 | 14°43 | 7°55 | 11°37 | 4°50 | 12°16 | 12°47 | 3°D44 | 2°23 | 9°53 | 5°38 | T 8 |
| W 9 | 9 16 22 | 20° 0'48 | 8♐16 | 12°25 | 6°54 | 14°48 | 8° 3 | 11°42 | 4°51 | 12°15 | 12°45 | 3°46 | 2°20 | 10° 0 | 5°42 | W 9 |
| T 10 | 9 20 19 | 21° 1'41 | 22°14 | 14° 4 | 7°52 | 14°52 | 8°10 | 11°48 | 4°53 | 12°14 | 12°44 | 3°47 | 2°17 | 10° 7 | 5°46 | T 10 |
| F 11 | 9 24 16 | 22° 2'33 | 6♑37 | 15°45 | 8°51 | 14°56 | 8°18 | 11°53 | 4°54 | 12°13 | 12°43 | 3°R47 | 2°14 | 10°13 | 5°50 | F 11 |
| S 12 | 9 28 12 | 23° 3'24 | 21°24 | 17°26 | 9°48 | 14°58 | 8°26 | 11°59 | 4°56 | 12°12 | 12°41 | 3°46 | 2°11 | 10°20 | 5°54 | S 12 |
| S 13 | 9 32 9 | 24° 4'14 | 6♒29 | 19° 7 | 10°45 | 15° 0 | 8°34 | 12° 5 | 4°57 | 12°11 | 12°40 | 3°42 | 2° 8 | 10°27 | 5°57 | S 13 |
| M14 | 9 36 5 | 25° 5'03 | 21°44 | 20°50 | 11°42 | 15° 2 | 8°43 | 12°11 | 4°59 | 12°10 | 12°39 | 3°36 | 2° 4 | 10°33 | 6° 1 | M14 |
| T 15 | 9 40 2 | 26° 5'51 | 6♓59 | 22°33 | 12°38 | 15°R 2 | 8°51 | 12°17 | 5° 1 | 12° 9 | 12°37 | 3°29 | 2° 1 | 10°40 | 6° 5 | T 15 |
| W16 | 9 43 58 | 27° 6'37 | 22° 2 | 24°17 | 13°34 | 15° 2 | 9° 0 | 12°23 | 5° 2 | 12° 8 | 12°36 | 3°20 | 1°58 | 10°47 | 6° 8 | W16 |
| T 17 | 9 47 55 | 28° 7'22 | 6♈44 | 26° 2 | 14°28 | 15° 1 | 9° 8 | 12°29 | 5° 4 | 12° 7 | 12°35 | 3°11 | 1°55 | 10°53 | 6°12 | T 17 |
| F 18 | 9 51 51 | 29° 8'06 | 21° 0 | 27°47 | 15°23 | 15° 0 | 9°17 | 12°35 | 5° 6 | 12° 6 | 12°33 | 3° 4 | 1°52 | 11° 0 | 6°15 | F 18 |
| S 19 | 9 55 48 | 0♓ 8'48 | 4♉45 | 29°34 | 16°16 | 14°57 | 9°26 | 12°41 | 5° 8 | 12° 5 | 12°32 | 2°59 | 1°48 | 11° 7 | 6°18 | S 19 |
| S 20 | 9 59 44 | 1° 9'28 | 18° 1 | 1♓21 | 17° 9 | 14°54 | 9°35 | 12°47 | 5°10 | 12° 4 | 12°31 | 2°56 | 1°45 | 11°13 | 6°21 | S 20 |
| M21 | 10 3 41 | 2°10'07 | 0♊50 | 3° 9 | 18° 1 | 14°50 | 9°44 | 12°53 | 5°11 | 12° 3 | 12°29 | 2°D55 | 1°42 | 11°20 | 6°24 | M21 |
| T 22 | 10 7 38 | 3°10'44 | 13°17 | 4°58 | 18°52 | 14°46 | 9°54 | 13° 0 | 5°13 | 12° 1 | 12°28 | 2°55 | 1°39 | 11°27 | 6°27 | T 22 |
| W23 | 10 11 34 | 4°11'19 | 25°26 | 6°47 | 19°43 | 14°40 | 10° 3 | 13° 6 | 5°15 | 12° 0 | 12°27 | 2°56 | 1°36 | 11°33 | 6°30 | W23 |
| T 24 | 10 15 31 | 5°11'53 | 7♋24 | 8°37 | 20°33 | 14°34 | 10°13 | 13°13 | 5°17 | 11°59 | 12°26 | 2°R56 | 1°33 | 11°40 | 6°32 | T 24 |
| F 25 | 10 19 27 | 6°12'25 | 19°14 | 10°28 | 21°21 | 14°27 | 10°23 | 13°19 | 5°20 | 11°58 | 12°24 | 2°55 | 1°29 | 11°47 | 6°35 | F 25 |
| S 26 | 10 23 24 | 7°12'56 | 1♌ 2 | 12°19 | 22° 9 | 14°19 | 10°33 | 13°26 | 5°22 | 11°56 | 12°23 | 2°51 | 1°26 | 11°53 | 6°37 | S 26 |
| S 27 | 10 27 20 | 8°13'24 | 12°50 | 14°11 | 22°57 | 14°11 | 10°43 | 13°32 | 5°24 | 11°55 | 12°22 | 2°44 | 1°23 | 12° 0 | 6°39 | S 27 |
| M28 | 10 31 17 | 9♓13'51 | 24♌42 | 16♓ 3 | 23♈43 | 14♎ 1 | 10♉53 | 13♈39 | 5♉26 | 11♎54 | 12♌21 | 2♑35 | 1♑20 | 12♌ 7 | 6♐42 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s11 | 8n18 | 4s10 | 21s40 | 1s30 | 0s14 | 0n16 | 2s39 | 3n 2 | 12n51 | 1s 4 | 2n13 | 2s19 | 12n36 | 0s29 | 3s33 | 1n25 | 21n51 | 5n11 | 23s19 | 23s21 | 14n59 | 17s52 | 3n17 |
| W 2 | 16 54 | 3 33 | 4 42 | 21 24 | 1 35 | 0n17 | 0 22 | 2 42 | 3 3 | 12 53 | 1 4 | 2 15 | 2 18 | 12 36 | 0 29 | 3 33 | 1 25 | 21 52 | 5 11 | 23 19 | 23 21 | 14 57 | 17 52 | 3 18 |
| T 3 | 16 37 | 1s22 | 5 3 | 21 7 | 1 39 | 0 47 | 0 28 | 2 44 | 3 4 | 12 55 | 1 4 | 2 17 | 2 18 | 12 37 | 0 29 | 3 33 | 1 26 | 21 52 | 5 11 | 23 19 | 23 21 | 14 54 | 17 52 | 3 18 |
| F 4 | 16 19 | 6 17 | 5 10 | 20 48 | 1 43 | 1 17 | 0 34 | 2 46 | 3 5 | 12 58 | 1 3 | 2 19 | 2 18 | 12 37 | 0 29 | 3 32 | 1 26 | 21 53 | 5 11 | 23 19 | 23 21 | 14 52 | 17 53 | 3 19 |
| S 5 | 16 1 | 11 1 | 5 2 | 20 29 | 1 47 | 1 47 | 0 41 | 2 48 | 3 6 | 13 0 | 1 3 | 2 22 | 2 18 | 12 37 | 0 29 | 3 32 | 1 26 | 21 53 | 5 11 | 23 20 | 23 21 | 14 49 | 17 53 | 3 19 |
| S 6 | 15 43 | 15 23 | 4 41 | 20 7 | 1 50 | 2 16 | 0 47 | 2 50 | 3 7 | 13 3 | 1 3 | 2 24 | 2 18 | 12 38 | 0 29 | 3 32 | 1 26 | 21 54 | 5 11 | 23 20 | 23 22 | 14 47 | 17 53 | 3 20 |
| M 7 | 15 24 | 19 9 | 4 5 | 19 45 | 1 53 | 2 46 | 0 54 | 2 51 | 3 9 | 13 5 | 1 3 | 2 26 | 2 18 | 12 38 | 0 29 | 3 31 | 1 26 | 21 54 | 5 11 | 23 20 | 23 22 | 14 45 | 17 53 | 3 21 |
| T 8 | 15 6 | 22 4 | 3 15 | 19 21 | 1 56 | 3 16 | 1 0 | 2 52 | 3 10 | 13 8 | 1 2 | 2 28 | 2 17 | 12 39 | 0 29 | 3 31 | 1 26 | 21 54 | 5 11 | 23 20 | 23 22 | 14 42 | 17 53 | 3 21 |
| W 9 | 14 47 | 23 50 | 2 14 | 18 56 | 1 59 | 3 45 | 1 7 | 2 53 | 3 11 | 13 11 | 1 2 | 2 31 | 2 17 | 12 39 | 0 29 | 3 31 | 1 26 | 21 55 | 5 11 | 23 20 | 23 22 | 14 40 | 17 53 | 3 22 |
| T 10 | 14 27 | 24 11 | 1 2 | 18 30 | 2 1 | 4 15 | 1 14 | 2 53 | 3 12 | 13 13 | 1 2 | 2 33 | 2 17 | 12 40 | 0 29 | 3 30 | 1 26 | 21 55 | 5 11 | 23 20 | 23 22 | 14 37 | 17 54 | 3 22 |
| F 11 | 14 8 | 22 58 | 0n15 | 18 2 | 2 3 | 4 44 | 1 21 | 2 54 | 3 13 | 13 16 | 1 2 | 2 35 | 2 17 | 12 40 | 0 29 | 3 30 | 1 26 | 21 56 | 5 12 | 23 20 | 23 22 | 14 35 | 17 54 | 3 23 |
| S 12 | 13 48 | 20 9 | 1 34 | 17 33 | 2 4 | 5 13 | 1 28 | 2 54 | 3 14 | 13 19 | 1 1 | 2 38 | 2 17 | 12 41 | 0 29 | 3 30 | 1 26 | 21 56 | 5 12 | 23 20 | 23 22 | 14 32 | 17 54 | 3 24 |
| S 13 | 13 28 | 15 55 | 2 47 | 17 2 | 2 5 | 5 42 | 1 35 | 2 53 | 3 15 | 13 22 | 1 1 | 2 40 | 2 17 | 12 41 | 0 29 | 3 29 | 1 26 | 21 57 | 5 12 | 23 20 | 23 22 | 14 30 | 17 54 | 3 24 |
| M14 | 13 8 | 10 37 | 3 49 | 16 30 | 2 6 | 6 11 | 1 42 | 2 53 | 3 17 | 13 25 | 1 1 | 2 43 | 2 16 | 12 42 | 0 29 | 3 29 | 1 26 | 21 57 | 5 12 | 23 20 | 23 22 | 14 28 | 17 54 | 3 25 |
| T 15 | 12 47 | 4 41 | 4 34 | 15 57 | 2 6 | 6 39 | 1 49 | 2 52 | 3 18 | 13 28 | 1 1 | 2 45 | 2 16 | 12 43 | 0 29 | 3 28 | 1 26 | 21 58 | 5 12 | 23 20 | 23 22 | 14 25 | 17 54 | 3 26 |
| W16 | 12 27 | 1n27 | 5 0 | 15 22 | 2 6 | 7 8 | 1 57 | 2 51 | 3 19 | 13 31 | 1 0 | 2 47 | 2 16 | 12 43 | 0 29 | 3 28 | 1 26 | 21 58 | 5 12 | 23 20 | 23 22 | 14 23 | 17 54 | 3 26 |
| T 17 | 12 6 | 7 21 | 5 5 | 14 46 | 2 5 | 7 36 | 2 4 | 2 50 | 3 20 | 13 33 | 1 0 | 2 50 | 2 16 | 12 44 | 0 29 | 3 27 | 1 26 | 21 58 | 5 12 | 23 21 | 23 22 | 14 20 | 17 54 | 3 27 |
| F 18 | 11 45 | 12 40 | 4 51 | 14 9 | 2 4 | 8 4 | 2 12 | 2 48 | 3 21 | 13 37 | 1 0 | 2 52 | 2 16 | 12 44 | 0 29 | 3 27 | 1 26 | 21 59 | 5 12 | 23 21 | 23 22 | 14 18 | 17 54 | 3 27 |
| S 19 | 11 24 | 17 10 | 4 21 | 13 31 | 2 3 | 8 31 | 2 19 | 2 47 | 3 22 | 13 40 | 1 0 | 2 55 | 2 16 | 12 45 | 0 29 | 3 26 | 1 26 | 21 59 | 5 12 | 23 21 | 23 22 | 14 15 | 17 53 | 3 28 |
| S 20 | 11 2 | 20 38 | 3 37 | 12 51 | 2 0 | 8 59 | 2 27 | 2 44 | 3 23 | 13 43 | 0 59 | 2 57 | 2 16 | 12 46 | 0 29 | 3 26 | 1 26 | 22 0 | 5 12 | 23 21 | 23 22 | 14 13 | 17 53 | 3 29 |
| M21 | 10 41 | 22 56 | 2 43 | 12 10 | 1 58 | 9 26 | 2 35 | 2 42 | 3 24 | 13 46 | 0 59 | 3 0 | 2 15 | 12 46 | 0 29 | 3 25 | 1 26 | 22 0 | 5 12 | 23 21 | 23 22 | 14 10 | 17 53 | 3 29 |
| T 22 | 10 19 | 24 3 | 1 43 | 11 27 | 1 55 | 9 53 | 2 42 | 2 39 | 3 25 | 13 49 | 0 59 | 3 3 | 2 15 | 12 47 | 0 28 | 3 25 | 1 26 | 22 0 | 5 12 | 23 21 | 23 22 | 14 8 | 17 53 | 3 30 |
| W23 | 9 57 | 23 58 | 0 40 | 10 43 | 1 51 | 10 19 | 2 50 | 2 37 | 3 25 | 13 52 | 0 59 | 3 5 | 2 15 | 12 48 | 0 28 | 3 24 | 1 26 | 22 1 | 5 12 | 23 21 | 23 22 | 14 6 | 17 53 | 3 31 |
| T 24 | 9 35 | 22 47 | 0s24 | 9 59 | 1 47 | 10 46 | 2 58 | 2 33 | 3 26 | 13 55 | 0 58 | 3 8 | 2 15 | 12 48 | 0 28 | 3 24 | 1 26 | 22 1 | 5 12 | 23 21 | 23 22 | 14 3 | 17 53 | 3 31 |
| F 25 | 9 13 | 20 35 | 1 26 | 9 12 | 1 43 | 11 11 | 3 6 | 2 30 | 3 27 | 13 59 | 0 58 | 3 10 | 2 15 | 12 49 | 0 28 | 3 23 | 1 26 | 22 2 | 5 12 | 23 21 | 23 22 | 14 1 | 17 52 | 3 32 |
| S 26 | 8 50 | 17 32 | 2 24 | 8 25 | 1 37 | 11 37 | 3 15 | 2 26 | 3 28 | 14 2 | 0 58 | 3 13 | 2 15 | 12 50 | 0 28 | 3 23 | 1 27 | 22 2 | 5 12 | 23 21 | 23 22 | 13 58 | 17 52 | 3 33 |
| S 27 | 8 28 | 13 47 | 3 16 | 7 37 | 1 31 | 12 2 | 3 23 | 2 22 | 3 29 | 14 5 | 0 58 | 3 16 | 2 15 | 12 51 | 0 28 | 3 22 | 1 27 | 22 2 | 5 12 | 23 21 | 23 23 | 13 56 | 17 52 | 3 33 |
| M28 | 8s 5 | 9n30 | 3s59 | 6s48 | 1s25 | 12n27 | 3n31 | 2s18 | 3n29 | 14n 9 | 0s58 | 3n18 | 2s15 | 12n51 | 0s28 | 3s22 | 1n27 | 22n 3 | 5n12 | 23s21 | 23s23 | 13n53 | 17s52 | 3n34 |

Julian Day Number = 2611917.5, Delta T = 10m35s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'46, Lahiri = 29°59'47


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## MARCH 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 13 | 10♓14'16 | 6♍39 | 17♓56 | 24♈28 | 13°R51 | 11♉ 3 | 13♈45 | 5♉28 | 11°R52 | 12°R19 | 2°R23 | 1♐17 | 12♌14 | 6♐44 | T 1 |
| W 2 | 10 39 10 | 11°14'40 | 18°44 | 19°48 | 25°12 | 13♎40 | 11°13 | 13°52 | 5°31 | 11♎51 | 12♌18 | 2♐10 | 1°14 | 12°20 | 6°46 | W 2 |
| T 3 | 10 43 7 | 12°15'02 | 0♎56 | 21°40 | 25°55 | 13°29 | 11°24 | 13°59 | 5°33 | 11°50 | 12°17 | 1°57 | 1°10 | 12°27 | 6°48 | T 3 |
| F 4 | 10 47 3 | 13°15'23 | 13°17 | 23°33 | 26°37 | 13°16 | 11°34 | 14° 6 | 5°35 | 11°48 | 12°16 | 1°44 | 1° 7 | 12°34 | 6°49 | F 4 |
| S 5 | 10 51 0 | 14°15'42 | 25°48 | 25°24 | 27°18 | 13° 3 | 11°45 | 14°12 | 5°38 | 11°47 | 12°15 | 1°34 | 1° 4 | 12°40 | 6°51 | S 5 |
| S 6 | 10 54 56 | 15°15'59 | 8♏30 | 27°14 | 27°57 | 12°49 | 11°56 | 14°19 | 5°40 | 11°45 | 12°14 | 1°26 | 1° 1 | 12°47 | 6°53 | S 6 |
| M 7 | 10 58 53 | 16°16'15 | 21°24 | 29° 4 | 28°36 | 12°35 | 12° 6 | 14°26 | 5°43 | 11°44 | 12°13 | 1°21 | 0°58 | 12°54 | 6°54 | M 7 |
| T 8 | 11 2 49 | 17°16'30 | 4♐34 | 0♈51 | 29°13 | 12°19 | 12°17 | 14°33 | 5°45 | 11°43 | 12°11 | 1°19 | 0°54 | 13° 0 | 6°55 | T 8 |
| W 9 | 11 6 46 | 18°16'44 | 18° 1 | 2°37 | 29°49 | 12° 3 | 12°28 | 14°40 | 5°48 | 11°41 | 12°10 | 1°D18 | 0°51 | 13° 7 | 6°57 | W 9 |
| T 10 | 11 10 42 | 19°16'55 | 1♑47 | 4°20 | 0♉23 | 11°46 | 12°40 | 14°47 | 5°50 | 11°40 | 12° 9 | 1°R18 | 0°48 | 13°14 | 6°58 | T 10 |
| F 11 | 11 14 39 | 20°17'06 | 15°54 | 6° 0 | 0°56 | 11°29 | 12°51 | 14°54 | 5°53 | 11°38 | 12° 8 | 1°18 | 0°45 | 13°20 | 6°59 | F 11 |
| S 12 | 11 18 36 | 21°17'15 | 0♒22 | 7°36 | 1°28 | 11°11 | 13° 2 | 15° 1 | 5°56 | 11°37 | 12° 7 | 1°15 | 0°42 | 13°27 | 7° 0 | S 12 |
| S 13 | 11 22 32 | 22°17'22 | 15° 8 | 9° 9 | 1°58 | 10°52 | 13°14 | 15° 8 | 5°58 | 11°35 | 12° 6 | 1°10 | 0°39 | 13°34 | 7° 0 | S 13 |
| M14 | 11 26 29 | 23°17'28 | 0♓ 5 | 10°36 | 2°26 | 10°33 | 13°25 | 15°15 | 6° 1 | 11°33 | 12° 5 | 1° 2 | 0°35 | 13°40 | 7° 1 | M14 |
| T 15 | 11 30 25 | 24°17'32 | 15° 7 | 11°59 | 2°53 | 10°13 | 13°37 | 15°22 | 6° 4 | 11°32 | 12° 4 | 0°52 | 0°32 | 13°47 | 7° 2 | T 15 |
| W16 | 11 34 22 | 25°17'34 | 0♈ 2 | 13°16 | 3°18 | 9°53 | 13°49 | 15°30 | 6° 6 | 11°30 | 12° 3 | 0°40 | 0°29 | 13°54 | 7° 2 | W16 |
| T 17 | 11 38 18 | 26°17'34 | 14°43 | 14°26 | 3°41 | 9°32 | 14° 0 | 15°37 | 6° 9 | 11°29 | 12° 2 | 0°28 | 0°26 | 14° 0 | 7° 2 | T 17 |
| F 18 | 11 42 15 | 27°17'32 | 29° 1 | 15°30 | 4° 3 | 9°11 | 14°12 | 15°44 | 6°12 | 11°27 | 12° 1 | 0°17 | 0°23 | 14° 7 | 7° 3 | F 18 |
| S 19 | 11 46 11 | 28°17'29 | 12♉51 | 16°26 | 4°22 | 8°49 | 14°24 | 15°51 | 6°15 | 11°26 | 12° 1 | 0° 9 | 0°20 | 14°14 | 7° 3 | S 19 |
| S 20 | 11 50 8 | 29°17'23 | 26°13 | 17°15 | 4°40 | 8°27 | 14°36 | 15°59 | 6°18 | 11°24 | 12° 0 | 0° 4 | 0°16 | 14°20 | 7°R 3 | S 20 |
| M21 | 11 54 5 | 0♈17'15 | 9♊ 7 | 17°55 | 4°55 | 8° 5 | 14°49 | 16° 6 | 6°21 | 11°22 | 11°59 | 0° 1 | 0°13 | 14°27 | 7° 3 | M21 |
| T 22 | 11 58 1 | 1°17'05 | 21°38 | 18°28 | 5° 9 | 7°42 | 15° 1 | 16°13 | 6°24 | 11°21 | 11°58 | 29♐59 | 0°10 | 14°34 | 7° 2 | T 22 |
| W23 | 12 1 58 | 2°16'52 | 3♋50 | 18°52 | 5°20 | 7°20 | 15°13 | 16°21 | 6°27 | 11°19 | 11°57 | 29°59 | 0° 7 | 14°40 | 7° 2 | W23 |
| T 24 | 12 5 54 | 3°16'38 | 15°49 | 19° 8 | 5°29 | 6°56 | 15°25 | 16°28 | 6°30 | 11°17 | 11°56 | 29°59 | 0° 4 | 14°47 | 7° 2 | T 24 |
| F 25 | 12 9 51 | 4°16'21 | 27°40 | 19°R15 | 5°36 | 6°33 | 15°38 | 16°35 | 6°33 | 11°16 | 11°56 | 29°58 | 0° 0 | 14°54 | 7° 1 | F 25 |
| S 26 | 12 13 47 | 5°16'02 | 9♌28 | 19°14 | 5°40 | 6°10 | 15°50 | 16°43 | 6°36 | 11°14 | 11°55 | 29°54 | 29♐57 | 15° 1 | 7° 0 | S 26 |
| S 27 | 12 17 44 | 6°15'41 | 21°18 | 19° 5 | 5°R42 | 5°46 | 16° 3 | 16°50 | 6°39 | 11°13 | 11°54 | 29°47 | 29°54 | 15° 7 | 7° 0 | S 27 |
| M28 | 12 21 40 | 7°15'17 | 3♍13 | 18°49 | 5°41 | 5°23 | 16°16 | 16°58 | 6°42 | 11°11 | 11°54 | 29°37 | 29°51 | 15°14 | 6°59 | M28 |
| T 29 | 12 25 37 | 8°14'51 | 15°17 | 18°24 | 5°38 | 4°59 | 16°28 | 17° 5 | 6°45 | 11° 9 | 11°53 | 29°26 | 29°48 | 15°21 | 6°58 | T 29 |
| W30 | 12 29 33 | 9°14'24 | 27°32 | 17°54 | 5°33 | 4°36 | 16°41 | 17°13 | 6°48 | 11° 8 | 11°52 | 29°12 | 29°45 | 15°27 | 6°57 | W30 |
| T 31 | 12 33 30 | 10♈13'54 | 9♎57 | 17♈17 | 5♉25 | 4♎13 | 16♉54 | 17♈20 | 6♉51 | 11♎ 6 | 11♌52 | 28♐58 | 29♐41 | 15♌34 | 6♐56 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s43 | 4n50 | 4s32 | 5s57 | 1s18 | 12n51 | 3n39 | 2s14 | 3n30 | 14n12 | 0s57 | 3n21 | 2s14 | 12n52 | 0s28 | 3s21 | 1n27 | 22n 3 | 5n12 | 23s22 | 23s23 | 13n51 | 17s51 | 3n35 |
| W 2 | 7 20 | 0s 3 | 4 53 | 5 6 | 1 10 | 13 15 | 3 48 | 2 9 | 3 31 | 14 15 | 0 57 | 3 24 | 2 14 | 12 53 | 0 28 | 3 21 | 1 27 | 22 3 | 5 12 | 23 22 | 23 23 | 13 48 | 17 51 | 3 35 |
| T 3 | 6 57 | 4 59 | 5 1 | 4 15 | 1 2 | 13 39 | 3 56 | 2 4 | 3 31 | 14 19 | 0 57 | 3 26 | 2 14 | 12 54 | 0 28 | 3 20 | 1 27 | 22 4 | 5 12 | 23 22 | 23 23 | 13 46 | 17 51 | 3 36 |
| F 4 | 6 34 | 9 46 | 4 55 | 3 22 | 0 53 | 14 2 | 4 4 | 1 59 | 3 32 | 14 22 | 0 57 | 3 29 | 2 14 | 12 55 | 0 28 | 3 20 | 1 27 | 22 4 | 5 12 | 23 22 | 23 23 | 13 43 | 17 50 | 3 37 |
| S 5 | 6 11 | 14 13 | 4 35 | 2 29 | 0 43 | 14 25 | 4 13 | 1 53 | 3 32 | 14 26 | 0 56 | 3 32 | 2 14 | 12 55 | 0 28 | 3 19 | 1 27 | 22 4 | 5 12 | 23 22 | 23 23 | 13 41 | 17 50 | 3 37 |
| S 6 | 5 48 | 18 6 | 4 1 | 1 36 | 0 33 | 14 47 | 4 21 | 1 47 | 3 32 | 14 29 | 0 56 | 3 34 | 2 14 | 12 56 | 0 28 | 3 18 | 1 27 | 22 5 | 5 12 | 23 22 | 23 23 | 13 38 | 17 49 | 3 38 |
| M 7 | 5 24 | 21 12 | 3 15 | 0 43 | 0 23 | 15 9 | 4 30 | 1 41 | 3 33 | 14 33 | 0 56 | 3 37 | 2 14 | 12 57 | 0 28 | 3 18 | 1 27 | 22 5 | 5 12 | 23 23 | 23 23 | 13 36 | 17 49 | 3 39 |
| T 8 | 5 1 | 23 14 | 2 17 | 0n10 | 0 11 | 15 30 | 4 38 | 1 35 | 3 33 | 14 36 | 0 56 | 3 40 | 2 14 | 12 58 | 0 28 | 3 17 | 1 27 | 22 5 | 5 12 | 23 23 | 23 23 | 13 33 | 17 49 | 3 39 |
| W 9 | 4 37 | 24 0 | 1 10 | 1 3 | 0n 1 | 15 51 | 4 47 | 1 29 | 3 33 | 14 40 | 0 56 | 3 43 | 2 14 | 12 59 | 0 28 | 3 17 | 1 27 | 22 6 | 5 12 | 23 23 | 23 23 | 13 31 | 17 48 | 3 40 |
| T 10 | 4 14 | 23 20 | 0n 3 | 1 55 | 0 13 | 16 11 | 4 55 | 1 22 | 3 33 | 14 43 | 0 55 | 3 45 | 2 14 | 13 0 | 0 28 | 3 16 | 1 27 | 22 6 | 5 12 | 23 23 | 23 23 | 13 28 | 17 48 | 3 41 |
| F 11 | 3 50 | 21 10 | 1 17 | 2 46 | 0 26 | 16 31 | 5 4 | 1 15 | 3 33 | 14 47 | 0 55 | 3 48 | 2 14 | 13 1 | 0 28 | 3 15 | 1 27 | 22 6 | 5 12 | 23 23 | 23 23 | 13 26 | 17 47 | 3 41 |
| S 12 | 3 27 | 17 38 | 2 27 | 3 36 | 0 39 | 16 50 | 5 12 | 1 8 | 3 33 | 14 50 | 0 55 | 3 51 | 2 13 | 13 1 | 0 28 | 3 15 | 1 27 | 22 6 | 5 12 | 23 23 | 23 23 | 13 23 | 17 47 | 3 42 |
| S 13 | 3 3 | 12 55 | 3 30 | 4 25 | 0 52 | 17 8 | 5 21 | 1 1 | 3 33 | 14 54 | 0 55 | 3 54 | 2 13 | 13 2 | 0 28 | 3 14 | 1 27 | 22 7 | 5 12 | 23 23 | 23 23 | 13 21 | 17 46 | 3 43 |
| M14 | 2 39 | 7 23 | 4 18 | 5 12 | 1 5 | 17 26 | 5 29 | 0 54 | 3 33 | 14 58 | 0 55 | 3 57 | 2 13 | 13 3 | 0 28 | 3 14 | 1 27 | 22 7 | 5 12 | 23 23 | 23 23 | 13 18 | 17 46 | 3 43 |
| T 15 | 2 16 | 1 24 | 4 49 | 5 56 | 1 19 | 17 43 | 5 38 | 0 46 | 3 33 | 15 1 | 0 55 | 3 59 | 2 13 | 13 4 | 0 28 | 3 13 | 1 27 | 22 7 | 5 12 | 23 23 | 23 23 | 13 16 | 17 45 | 3 44 |
| W16 | 1 52 | 4n37 | 5 0 | 6 39 | 1 33 | 18 0 | 5 46 | 0 39 | 3 33 | 15 5 | 0 54 | 4 2 | 2 13 | 13 5 | 0 28 | 3 12 | 1 27 | 22 7 | 5 12 | 23 23 | 23 23 | 13 13 | 17 44 | 3 45 |
| T 17 | 1 28 | 10 16 | 4 51 | 7 18 | 1 46 | 18 16 | 5 54 | 0 31 | 3 32 | 15 9 | 0 54 | 4 5 | 2 13 | 13 6 | 0 28 | 3 12 | 1 27 | 22 8 | 5 12 | 23 23 | 23 23 | 13 11 | 17 44 | 3 45 |
| F 18 | 1 4 | 15 12 | 4 24 | 7 55 | 1 59 | 18 31 | 6 2 | 0 23 | 3 32 | 15 12 | 0 54 | 4 8 | 2 13 | 13 7 | 0 28 | 3 11 | 1 27 | 22 8 | 5 12 | 23 23 | 23 23 | 13 8 | 17 43 | 3 46 |
| S 19 | 0 41 | 19 11 | 3 42 | 8 29 | 2 12 | 18 45 | 6 10 | 0 15 | 3 31 | 15 16 | 0 54 | 4 11 | 2 13 | 13 8 | 0 28 | 3 10 | 1 27 | 22 8 | 5 12 | 23 23 | 23 23 | 13 6 | 17 42 | 3 47 |
| S 20 | 0 17 | 21 59 | 2 48 | 8 59 | 2 24 | 18 58 | 6 18 | 0 7 | 3 30 | 15 20 | 0 54 | 4 14 | 2 13 | 13 9 | 0 28 | 3 10 | 1 27 | 22 8 | 5 12 | 23 23 | 23 23 | 13 3 | 17 42 | 3 47 |
| M21 | 0n 7 | 23 33 | 1 48 | 9 25 | 2 36 | 19 11 | 6 26 | 0n 1 | 3 30 | 15 23 | 0 53 | 4 16 | 2 13 | 13 10 | 0 28 | 3 9 | 1 27 | 22 9 | 5 12 | 23 23 | 23 23 | 13 1 | 17 41 | 3 48 |
| T 22 | 0 31 | 23 51 | 0 44 | 9 47 | 2 46 | 19 22 | 6 33 | 0 9 | 3 29 | 15 27 | 0 53 | 4 19 | 2 13 | 13 11 | 0 28 | 3 8 | 1 27 | 22 9 | 5 12 | 23 23 | 23 23 | 12 58 | 17 40 | 3 49 |
| W23 | 0 54 | 22 59 | 0s20 | 10 5 | 2 56 | 19 33 | 6 40 | 0 17 | 3 28 | 15 31 | 0 53 | 4 22 | 2 13 | 13 12 | 0 28 | 3 8 | 1 27 | 22 9 | 5 12 | 23 23 | 23 23 | 12 56 | 17 40 | 3 49 |
| T 24 | 1 18 | 21 5 | 1 23 | 10 19 | 3 5 | 19 43 | 6 47 | 0 25 | 3 27 | 15 35 | 0 53 | 4 25 | 2 13 | 13 13 | 0 28 | 3 7 | 1 27 | 22 9 | 5 12 | 23 23 | 23 23 | 12 53 | 17 39 | 3 50 |
| F 25 | 1 42 | 18 17 | 2 21 | 10 29 | 3 12 | 19 51 | 6 54 | 0 33 | 3 26 | 15 38 | 0 53 | 4 28 | 2 13 | 13 14 | 0 28 | 3 6 | 1 27 | 22 9 | 5 12 | 23 23 | 23 23 | 12 51 | 17 38 | 3 51 |
| S 26 | 2 5 | 14 45 | 3 13 | 10 34 | 3 18 | 19 59 | 7 1 | 0 41 | 3 24 | 15 42 | 0 53 | 4 31 | 2 13 | 13 15 | 0 28 | 3 6 | 1 27 | 22 10 | 5 12 | 23 23 | 23 23 | 12 48 | 17 37 | 3 51 |
| S 27 | 2 29 | 10 38 | 3 56 | 10 35 | 3 23 | 20 5 | 7 7 | 0 49 | 3 23 | 15 46 | 0 52 | 4 33 | 2 13 | 13 16 | 0 28 | 3 5 | 1 27 | 22 10 | 5 11 | 23 23 | 23 23 | 12 46 | 17 37 | 3 52 |
| M28 | 2 52 | 6 6 | 4 29 | 10 31 | 3 26 | 20 11 | 7 13 | 0 57 | 3 22 | 15 50 | 0 52 | 4 36 | 2 13 | 13 17 | 0 28 | 3 5 | 1 27 | 22 10 | 5 11 | 23 23 | 23 23 | 12 43 | 17 36 | 3 53 |
| T 29 | 3 16 | 1 18 | 4 51 | 10 23 | 3 27 | 20 15 | 7 18 | 1 5 | 3 20 | 15 53 | 0 52 | 4 39 | 2 13 | 13 18 | 0 28 | 3 4 | 1 27 | 22 10 | 5 11 | 23 23 | 23 23 | 12 41 | 17 35 | 3 53 |
| W30 | 3 39 | 3s37 | 5 0 | 10 11 | 3 27 | 20 18 | 7 23 | 1 13 | 3 19 | 15 57 | 0 52 | 4 42 | 2 13 | 13 19 | 0 28 | 3 3 | 1 27 | 22 10 | 5 11 | 23 23 | 23 23 | 12 38 | 17 34 | 3 54 |
| T 31 | 4n 3 | 8s27 | 4s55 | 9n55 | 3n24 | 20n19 | 7n28 | 1n21 | 3n17 | 16n 1 | 0s52 | 4n45 | 2s13 | 13n20 | 0s28 | 3s 3 | 1n27 | 22n10 | 5n11 | 23s23 | 23s23 | 12n36 | 17s33 | 3n55 |

Julian Day Number = 2611945.5, Delta T = 10m36s
Ecliptic obliquity = 23°22'57, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'49, Lahiri = 29°59'51


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## APRIL 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 37 27 | 11♈13'22 | 22♎35 | 16°R36 | 5°R15 | 3°R49 | 17♉ 7 | 17♈27 | 6♉54 | 11°R 4 | 11°R51 | 28°R46 | 29♐38 | 15♌41 | 6°R54 | F 1 |
| S 2 | 12 41 23 | 12°12'48 | 5♏23 | 15♈50 | 5♉ 2 | 3♎26 | 17°20 | 17°35 | 6°58 | 11♎ 3 | 11♌50 | 28♐35 | 29°35 | 15°47 | 6♐53 | S 2 |
| S 3 | 12 45 20 | 13°12'13 | 18°23 | 15° 2 | 4°46 | 3° 4 | 17°33 | 17°42 | 7° 1 | 11° 1 | 11°50 | 28°26 | 29°32 | 15°54 | 6°51 | S 3 |
| M 4 | 12 49 16 | 14°11'36 | 1♐34 | 14°11 | 4°29 | 2°41 | 17°46 | 17°50 | 7° 4 | 10°59 | 11°49 | 28°21 | 29°29 | 16° 1 | 6°50 | M 4 |
| T 5 | 12 53 13 | 15°10'56 | 14°56 | 13°20 | 4° 8 | 2°19 | 17°59 | 17°57 | 7° 7 | 10°58 | 11°49 | 28°18 | 29°25 | 16° 7 | 6°48 | T 5 |
| W 6 | 12 57 9 | 16°10'16 | 28°30 | 12°28 | 3°46 | 1°57 | 18°12 | 18° 5 | 7°10 | 10°56 | 11°48 | 28°D18 | 29°22 | 16°14 | 6°46 | W 6 |
| T 7 | 13 1 6 | 17° 9'33 | 12♑16 | 11°38 | 3°21 | 1°35 | 18°25 | 18°12 | 7°14 | 10°54 | 11°48 | 28°R18 | 29°19 | 16°21 | 6°45 | T 7 |
| F 8 | 13 5 2 | 18° 8'49 | 26°16 | 10°50 | 2°55 | 1°14 | 18°39 | 18°20 | 7°17 | 10°53 | 11°47 | 28°18 | 29°16 | 16°27 | 6°43 | F 8 |
| S 9 | 13 8 59 | 19° 8'03 | 10♒30 | 10° 5 | 2°26 | 0°54 | 18°52 | 18°27 | 7°20 | 10°51 | 11°47 | 28°16 | 29°13 | 16°34 | 6°41 | S 9 |
| S 10 | 13 12 56 | 20° 7'15 | 24°55 | 9°23 | 1°55 | 0°34 | 19° 5 | 18°35 | 7°24 | 10°49 | 11°47 | 28°12 | 29°10 | 16°41 | 6°38 | S 10 |
| M11 | 13 16 52 | 21° 6'25 | 9♓28 | 8°46 | 1°23 | 0°14 | 19°19 | 18°42 | 7°27 | 10°48 | 11°46 | 28° 5 | 29° 6 | 16°47 | 6°36 | M11 |
| T 12 | 13 20 49 | 22° 5'34 | 24° 4 | 8°13 | 0°50 | 29♍55 | 19°32 | 18°50 | 7°30 | 10°46 | 11°46 | 27°57 | 29° 3 | 16°54 | 6°34 | T 12 |
| W13 | 13 24 45 | 23° 4'41 | 8♈37 | 7°45 | 0°15 | 29°37 | 19°46 | 18°57 | 7°34 | 10°45 | 11°46 | 27°46 | 29° 0 | 17° 1 | 6°31 | W13 |
| T 14 | 13 28 42 | 24° 3'45 | 22°58 | 7°23 | 29♈39 | 29°19 | 19°59 | 19° 5 | 7°37 | 10°43 | 11°45 | 27°36 | 28°57 | 17° 8 | 6°29 | T 14 |
| F 15 | 13 32 38 | 25° 2'48 | 7♉ 3 | 7° 6 | 29° 2 | 29° 2 | 20°13 | 19°12 | 7°40 | 10°41 | 11°45 | 27°27 | 28°54 | 17°14 | 6°26 | F 15 |
| S 16 | 13 36 35 | 26° 1'49 | 20°45 | 6°54 | 28°25 | 28°45 | 20°27 | 19°20 | 7°44 | 10°40 | 11°45 | 27°20 | 28°51 | 17°21 | 6°23 | S 16 |
| S 17 | 13 40 31 | 27° 0'48 | 4♊ 4 | 6°48 | 27°47 | 28°29 | 20°40 | 19°27 | 7°47 | 10°38 | 11°45 | 27°15 | 28°47 | 17°28 | 6°21 | S 17 |
| M18 | 13 44 28 | 27°59'45 | 16°59 | 6°D47 | 27°10 | 28°14 | 20°54 | 19°35 | 7°51 | 10°37 | 11°45 | 27°12 | 28°44 | 17°34 | 6°18 | M18 |
| T 19 | 13 48 25 | 28°58'39 | 29°32 | 6°52 | 26°32 | 28° 0 | 21° 8 | 19°42 | 7°54 | 10°35 | 11°44 | 27°D12 | 28°41 | 17°41 | 6°15 | T 19 |
| W20 | 13 52 21 | 29°57'31 | 11♋47 | 7° 2 | 25°55 | 27°46 | 21°22 | 19°50 | 7°57 | 10°33 | 11°44 | 27°12 | 28°38 | 17°48 | 6°12 | W20 |
| T 21 | 13 56 18 | 0♉56'21 | 23°48 | 7°16 | 25°18 | 27°33 | 21°36 | 19°57 | 8° 1 | 10°32 | 11°44 | 27°13 | 28°35 | 17°54 | 6° 9 | T 21 |
| F 22 | 14 0 14 | 1°55'09 | 5♌41 | 7°36 | 24°43 | 27°21 | 21°49 | 20° 5 | 8° 4 | 10°30 | 11°44 | 27°R13 | 28°31 | 18° 1 | 6° 5 | F 22 |
| S 23 | 14 4 11 | 2°53'54 | 17°31 | 8° 0 | 24° 8 | 27°10 | 22° 3 | 20°12 | 8° 8 | 10°29 | 11°44 | 27°12 | 28°28 | 18° 8 | 6° 2 | S 23 |
| S 24 | 14 8 7 | 3°52'37 | 29°24 | 8°28 | 23°35 | 26°59 | 22°17 | 20°19 | 8°11 | 10°27 | 11°D44 | 27° 9 | 28°25 | 18°14 | 5°59 | S 24 |
| M25 | 14 12 4 | 4°51'18 | 11♍23 | 9° 1 | 23° 3 | 26°49 | 22°31 | 20°27 | 8°15 | 10°26 | 11°44 | 27° 3 | 28°22 | 18°21 | 5°55 | M25 |
| T 26 | 14 16 0 | 5°49'57 | 23°32 | 9°38 | 22°33 | 26°40 | 22°45 | 20°34 | 8°18 | 10°24 | 11°44 | 26°56 | 28°19 | 18°28 | 5°52 | T 26 |
| W27 | 14 19 57 | 6°48'34 | 5♎54 | 10°19 | 22° 5 | 26°32 | 22°59 | 20°41 | 8°21 | 10°23 | 11°44 | 26°47 | 28°16 | 18°35 | 5°48 | W27 |
| T 28 | 14 23 54 | 7°47'09 | 18°32 | 11° 3 | 21°38 | 26°25 | 23°13 | 20°49 | 8°25 | 10°22 | 11°44 | 26°38 | 28°12 | 18°41 | 5°45 | T 28 |
| F 29 | 14 27 50 | 8°45'41 | 1♏25 | 11°51 | 21°14 | 26°18 | 23°27 | 20°56 | 8°28 | 10°20 | 11°44 | 26°30 | 28° 9 | 18°48 | 5°41 | F 29 |
| S 30 | 14 31 47 | 9♉44'12 | 14♏33 | 12♈42 | 20♈52 | 26♍12 | 23♉41 | 21♈ 3 | 8♉32 | 10♎19 | 11♌44 | 26♐23 | 28♐ 6 | 18♌55 | 5♐37 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n26 | 13s 1 | 4s35 | 9n35 | 3n20 | 20n20 | 7n32 | 1n29 | 3n16 | 16n 5 | 0s52 | 4n48 | 2s13 | 13n21 | 0s28 | 3s 2 | 1n27 | 22n10 | 5n11 | 23s23 | 23s23 | 12n33 | 17s33 | 3n55 |
| S 2 | 4 49 | 17 5 | 4 1 | 9 12 | 3 14 | 20 18 | 7 35 | 1 36 | 3 14 | 16 8 | 0 52 | 4 51 | 2 13 | 13 22 | 0 28 | 3 1 | 1 27 | 22 10 | 5 11 | 23 22 | 23 23 | 12 31 | 17 32 | 3 56 |
| S 3 | 5 12 | 20 22 | 3 15 | 8 46 | 3 6 | 20 16 | 7 38 | 1 43 | 3 12 | 16 12 | 0 51 | 4 53 | 2 13 | 13 23 | 0 28 | 3 1 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 28 | 17 31 | 3 57 |
| M 4 | 5 35 | 22 39 | 2 17 | 8 18 | 2 57 | 20 12 | 7 41 | 1 51 | 3 10 | 16 16 | 0 51 | 4 56 | 2 13 | 13 24 | 0 28 | 3 0 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 26 | 17 30 | 3 57 |
| T 5 | 5 58 | 23 42 | 1 10 | 7 48 | 2 46 | 20 7 | 7 42 | 1 58 | 3 8 | 16 20 | 0 51 | 4 59 | 2 13 | 13 25 | 0 28 | 2 59 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 23 | 17 29 | 3 58 |
| W 6 | 6 21 | 23 21 | 0n 1 | 7 17 | 2 34 | 20 0 | 7 43 | 2 4 | 3 6 | 16 24 | 0 51 | 5 2 | 2 13 | 13 26 | 0 28 | 2 59 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 21 | 17 28 | 3 59 |
| T 7 | 6 43 | 21 36 | 1 14 | 6 45 | 2 21 | 19 51 | 7 44 | 2 11 | 3 4 | 16 27 | 0 51 | 5 5 | 2 13 | 13 28 | 0 28 | 2 58 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 18 | 17 27 | 3 59 |
| F 8 | 7 6 | 18 31 | 2 23 | 6 13 | 2 6 | 19 42 | 7 43 | 2 17 | 3 2 | 16 31 | 0 51 | 5 8 | 2 13 | 13 29 | 0 28 | 2 57 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 15 | 17 26 | 4 0 |
| S 9 | 7 28 | 14 17 | 3 24 | 5 41 | 1 51 | 19 30 | 7 42 | 2 24 | 3 0 | 16 35 | 0 51 | 5 10 | 2 13 | 13 30 | 0 27 | 2 57 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 13 | 17 25 | 4 0 |
| S 10 | 7 51 | 9 12 | 4 14 | 5 11 | 1 36 | 19 18 | 7 40 | 2 29 | 2 57 | 16 39 | 0 50 | 5 13 | 2 13 | 13 31 | 0 27 | 2 56 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 10 | 17 24 | 4 1 |
| M11 | 8 13 | 3 34 | 4 47 | 4 41 | 1 19 | 19 3 | 7 37 | 2 35 | 2 55 | 16 42 | 0 50 | 5 16 | 2 13 | 13 32 | 0 27 | 2 55 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 8 | 17 23 | 4 2 |
| T 12 | 8 35 | 2n17 | 5 2 | 4 13 | 1 3 | 18 48 | 7 33 | 2 41 | 2 53 | 16 46 | 0 50 | 5 19 | 2 13 | 13 33 | 0 27 | 2 55 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 5 | 17 22 | 4 2 |
| W13 | 8 57 | 7 58 | 4 57 | 3 47 | 0 47 | 18 31 | 7 28 | 2 46 | 2 50 | 16 50 | 0 50 | 5 22 | 2 13 | 13 34 | 0 27 | 2 54 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 3 | 17 21 | 4 3 |
| T 14 | 9 19 | 13 9 | 4 34 | 3 24 | 0 31 | 18 13 | 7 23 | 2 51 | 2 48 | 16 54 | 0 50 | 5 24 | 2 13 | 13 35 | 0 27 | 2 54 | 1 27 | 22 11 | 5 11 | 23 22 | 23 23 | 12 0 | 17 20 | 4 4 |
| F 15 | 9 40 | 17 31 | 3 54 | 3 2 | 0 15 | 17 54 | 7 17 | 2 55 | 2 46 | 16 57 | 0 50 | 5 27 | 2 13 | 13 36 | 0 27 | 2 53 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 58 | 17 19 | 4 4 |
| S 16 | 10 2 | 20 49 | 3 2 | 2 44 | 0s 1 | 17 34 | 7 9 | 2 59 | 2 43 | 17 1 | 0 50 | 5 30 | 2 13 | 13 37 | 0 27 | 2 52 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 55 | 17 18 | 4 5 |
| S 17 | 10 23 | 22 53 | 2 0 | 2 27 | 0 16 | 17 13 | 7 1 | 3 3 | 2 41 | 17 5 | 0 50 | 5 33 | 2 13 | 13 38 | 0 27 | 2 52 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 53 | 17 17 | 4 5 |
| M18 | 10 44 | 23 39 | 0 54 | 2 14 | 0 30 | 16 51 | 6 53 | 3 7 | 2 38 | 17 9 | 0 49 | 5 36 | 2 13 | 13 40 | 0 27 | 2 51 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 50 | 17 16 | 4 6 |
| T 19 | 11 5 | 23 10 | 0s13 | 2 3 | 0 44 | 16 28 | 6 43 | 3 10 | 2 35 | 17 12 | 0 49 | 5 38 | 2 13 | 13 41 | 0 27 | 2 50 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 47 | 17 15 | 4 6 |
| W20 | 11 26 | 21 35 | 1 17 | 1 54 | 0 57 | 16 5 | 6 33 | 3 13 | 2 33 | 17 16 | 0 49 | 5 41 | 2 13 | 13 42 | 0 27 | 2 50 | 1 27 | 22 11 | 5 10 | 23 21 | 23 23 | 11 45 | 17 14 | 4 7 |
| T 21 | 11 46 | 19 2 | 2 18 | 1 48 | 1 10 | 15 41 | 6 22 | 3 16 | 2 30 | 17 20 | 0 49 | 5 44 | 2 13 | 13 43 | 0 27 | 2 49 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 42 | 17 13 | 4 8 |
| F 22 | 12 7 | 15 43 | 3 11 | 1 45 | 1 22 | 15 17 | 6 10 | 3 19 | 2 28 | 17 23 | 0 49 | 5 47 | 2 13 | 13 44 | 0 27 | 2 49 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 40 | 17 12 | 4 8 |
| S 23 | 12 27 | 11 47 | 3 57 | 1 44 | 1 33 | 14 53 | 5 58 | 3 21 | 2 25 | 17 27 | 0 49 | 5 49 | 2 13 | 13 45 | 0 27 | 2 48 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 37 | 17 11 | 4 9 |
| S 24 | 12 47 | 7 25 | 4 32 | 1 46 | 1 44 | 14 29 | 5 46 | 3 22 | 2 22 | 17 31 | 0 49 | 5 52 | 2 13 | 13 46 | 0 27 | 2 48 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 35 | 17 10 | 4 9 |
| M25 | 13 7 | 2 43 | 4 55 | 1 49 | 1 54 | 14 5 | 5 33 | 3 24 | 2 20 | 17 34 | 0 49 | 5 55 | 2 13 | 13 47 | 0 27 | 2 47 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 32 | 17 9 | 4 10 |
| T 26 | 13 26 | 2s 7 | 5 6 | 1 55 | 2 3 | 13 41 | 5 19 | 3 25 | 2 17 | 17 38 | 0 48 | 5 57 | 2 13 | 13 48 | 0 27 | 2 46 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 30 | 17 7 | 4 10 |
| W27 | 13 45 | 6 58 | 5 3 | 2 4 | 2 11 | 13 18 | 5 5 | 3 26 | 2 15 | 17 42 | 0 48 | 6 0 | 2 13 | 13 50 | 0 27 | 2 46 | 1 27 | 22 11 | 5 10 | 23 21 | 23 22 | 11 27 | 17 6 | 4 11 |
| T 28 | 14 4 | 11 38 | 4 45 | 2 14 | 2 19 | 12 55 | 4 51 | 3 27 | 2 12 | 17 45 | 0 48 | 6 3 | 2 13 | 13 51 | 0 27 | 2 45 | 1 27 | 22 11 | 5 10 | 23 20 | 23 22 | 11 24 | 17 5 | 4 11 |
| F 29 | 14 23 | 15 53 | 4 12 | 2 26 | 2 26 | 12 33 | 4 37 | 3 27 | 2 9 | 17 49 | 0 48 | 6 5 | 2 13 | 13 52 | 0 27 | 2 45 | 1 27 | 22 11 | 5 10 | 23 20 | 23 22 | 11 22 | 17 4 | 4 12 |
| S 30 | 14n42 | 19s26 | 3s25 | 2n40 | 2s32 | 12n11 | 4n23 | 3n27 | 2n 7 | 17n52 | 0s48 | 6n 8 | 2s13 | 13n53 | 0s27 | 2s44 | 1n27 | 22n10 | 5n 9 | 23s20 | 23s22 | 11n19 | 17s 3 | 4n12 |

Julian Day Number = 2611976.5, Delta T = 10m36s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'54, Lahiri = 29°59'55


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## MAY 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 35 43 | 10♉42'41 | 27♏56 | 13♈36 | 20°R33 | 26°R 7 | 23♉55 | 21♈10 | 8♉35 | 10°R17 | 11♌45 | 26°R18 | 28♐ 3 | 19♌ 1 | 5°R33 | S 1 |
| M 2 | 14 39 40 | 11°41'09 | 11♐30 | 14°33 | 20♈16 | 26♍ 3 | 24° 9 | 21°18 | 8°39 | 10♎16 | 11°45 | 26♐15 | 28° 0 | 19° 8 | 5♐30 | M 2 |
| T 3 | 14 43 36 | 12°39'34 | 25°14 | 15°34 | 20° 1 | 25°59 | 24°24 | 21°25 | 8°42 | 10°15 | 11°45 | 26°D14 | 27°57 | 19°15 | 5°26 | T 3 |
| W 4 | 14 47 33 | 13°37'58 | 9♑ 7 | 16°37 | 19°48 | 25°56 | 24°38 | 21°32 | 8°45 | 10°13 | 11°45 | 26°14 | 27°53 | 19°21 | 5°22 | W 4 |
| T 5 | 14 51 29 | 14°36'21 | 23° 7 | 17°43 | 19°38 | 25°54 | 24°52 | 21°39 | 8°49 | 10°12 | 11°46 | 26°15 | 27°50 | 19°28 | 5°18 | T 5 |
| F 6 | 14 55 26 | 15°34'42 | 7♒13 | 18°51 | 19°31 | 25°53 | 25° 6 | 21°46 | 8°52 | 10°11 | 11°46 | 26°17 | 27°47 | 19°35 | 5°14 | F 6 |
| S 7 | 14 59 23 | 16°33'01 | 21°23 | 20° 2 | 19°26 | 25°D53 | 25°20 | 21°53 | 8°56 | 10° 9 | 11°46 | 26°R17 | 27°44 | 19°41 | 5°10 | S 7 |
| S 8 | 15 3 19 | 17°31'19 | 5♓36 | 21°16 | 19°23 | 25°53 | 25°35 | 22° 0 | 8°59 | 10° 8 | 11°47 | 26°15 | 27°41 | 19°48 | 5° 5 | S 8 |
| M 9 | 15 7 16 | 18°29'35 | 19°50 | 22°31 | 19°D23 | 25°54 | 25°49 | 22° 7 | 9° 3 | 10° 7 | 11°47 | 26°12 | 27°37 | 19°55 | 5° 1 | M 9 |
| T 10 | 15 11 12 | 19°27'50 | 4♈ 0 | 23°49 | 19°25 | 25°56 | 26° 3 | 22°14 | 9° 6 | 10° 6 | 11°47 | 26° 8 | 27°34 | 20° 2 | 4°57 | T 10 |
| W11 | 15 15 9 | 20°26'04 | 18° 5 | 25°10 | 19°30 | 25°58 | 26°17 | 22°21 | 9° 9 | 10° 5 | 11°48 | 26° 3 | 27°31 | 20° 8 | 4°53 | W11 |
| T 12 | 15 19 5 | 21°24'16 | 1♉59 | 26°32 | 19°36 | 26° 1 | 26°31 | 22°28 | 9°13 | 10° 3 | 11°48 | 25°57 | 27°28 | 20°15 | 4°48 | T 12 |
| F 13 | 15 23 2 | 22°22'26 | 15°39 | 27°57 | 19°45 | 26° 5 | 26°46 | 22°35 | 9°16 | 10° 2 | 11°49 | 25°52 | 27°25 | 20°22 | 4°44 | F 13 |
| S 14 | 15 26 58 | 23°20'35 | 29° 3 | 29°24 | 19°56 | 26°10 | 27° 0 | 22°42 | 9°20 | 10° 1 | 11°49 | 25°48 | 27°22 | 20°28 | 4°40 | S 14 |
| S 15 | 15 30 55 | 24°18'42 | 12♊ 8 | 0♉53 | 20° 9 | 26°15 | 27°14 | 22°49 | 9°23 | 10° 0 | 11°50 | 25°46 | 27°18 | 20°35 | 4°35 | S 15 |
| M16 | 15 34 52 | 25°16'48 | 24°54 | 2°24 | 20°24 | 26°21 | 27°28 | 22°55 | 9°26 | 9°59 | 11°50 | 25°D45 | 27°15 | 20°42 | 4°31 | M16 |
| T 17 | 15 38 48 | 26°14'51 | 7♋23 | 3°57 | 20°41 | 26°28 | 27°43 | 23° 2 | 9°30 | 9°58 | 11°51 | 25°46 | 27°12 | 20°48 | 4°26 | T 17 |
| W18 | 15 42 45 | 27°12'53 | 19°36 | 5°32 | 21° 0 | 26°35 | 27°57 | 23° 9 | 9°33 | 9°57 | 11°52 | 25°47 | 27° 9 | 20°55 | 4°22 | W18 |
| T 19 | 15 46 41 | 28°10'53 | 1♌38 | 7° 9 | 21°21 | 26°43 | 28°11 | 23°16 | 9°36 | 9°56 | 11°52 | 25°49 | 27° 6 | 21° 2 | 4°18 | T 19 |
| F 20 | 15 50 38 | 29° 8'52 | 13°33 | 8°48 | 21°44 | 26°51 | 28°25 | 23°22 | 9°40 | 9°55 | 11°53 | 25°50 | 27° 3 | 21° 8 | 4°13 | F 20 |
| S 21 | 15 54 34 | 0♊ 6'48 | 25°24 | 10°29 | 22° 8 | 27° 1 | 28°40 | 23°29 | 9°43 | 9°54 | 11°53 | 25°R51 | 26°59 | 21°15 | 4° 9 | S 21 |
| S 22 | 15 58 31 | 1° 4'43 | 7♍18 | 12°12 | 22°34 | 27°10 | 28°54 | 23°35 | 9°46 | 9°53 | 11°54 | 25°51 | 26°56 | 21°22 | 4° 4 | S 22 |
| M23 | 16 2 27 | 2° 2'36 | 19°18 | 13°58 | 23° 1 | 27°21 | 29° 8 | 23°42 | 9°49 | 9°52 | 11°55 | 25°50 | 26°53 | 21°29 | 4° 0 | M23 |
| T 24 | 16 6 24 | 3° 0'27 | 1♎30 | 15°45 | 23°30 | 27°32 | 29°22 | 23°48 | 9°53 | 9°51 | 11°56 | 25°48 | 26°50 | 21°35 | 3°55 | T 24 |
| W25 | 16 10 21 | 3°58'17 | 13°56 | 17°34 | 24° 1 | 27°43 | 29°37 | 23°54 | 9°56 | 9°51 | 11°56 | 25°45 | 26°47 | 21°42 | 3°51 | W25 |
| T 26 | 16 14 17 | 4°56'05 | 26°40 | 19°25 | 24°32 | 27°56 | 29°51 | 24° 1 | 9°59 | 9°50 | 11°57 | 25°42 | 26°43 | 21°49 | 3°46 | T 26 |
| F 27 | 16 18 14 | 5°53'51 | 9♏44 | 21°19 | 25° 6 | 28° 8 | 0♊ 5 | 24° 7 | 10° 2 | 9°49 | 11°58 | 25°39 | 26°40 | 21°55 | 3°42 | F 27 |
| S 28 | 16 22 10 | 6°51'36 | 23° 8 | 23°14 | 25°40 | 28°22 | 0°19 | 24°13 | 10° 5 | 9°48 | 11°59 | 25°36 | 26°37 | 22° 2 | 3°37 | S 28 |
| S 29 | 16 26 7 | 7°49'20 | 6♐50 | 25°12 | 26°16 | 28°35 | 0°33 | 24°19 | 10° 8 | 9°48 | 12° 0 | 25°35 | 26°34 | 22° 9 | 3°33 | S 29 |
| M30 | 16 30 3 | 8°47'02 | 20°49 | 27°11 | 26°53 | 28°50 | 0°48 | 24°25 | 10°12 | 9°47 | 12° 1 | 25°D34 | 26°31 | 22°15 | 3°28 | M30 |
| T 31 | 16 34 0 | 9♊44'43 | 5♑ 0 | 29♉12 | 27♈31 | 29♍ 4 | 1♊ 2 | 24♈31 | 10♉15 | 9♎46 | 12♌ 2 | 25♐34 | 26♐28 | 22♌22 | 3♐24 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n 0 | 22s 2 | 2s27 | 2n56 | 2s38 | 11n51 | 4n 9 | 3n26 | 2n 4 | 17n56 | 0s48 | 6n11 | 2s14 | 13n54 | 0s27 | 2s44 | 1n27 | 22n10 | 5n 9 | 23s20 | 23s22 | 11n17 | 17s 2 | 4n13 |
| M 2 | 15 18 | 23 25 | 1 19 | 3 14 | 2 42 | 11 31 | 3 54 | 3 26 | 2 2 | 18 0 | 0 48 | 6 13 | 2 14 | 13 55 | 0 27 | 2 43 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 14 | 17 1 | 4 13 |
| T 3 | 15 36 | 23 23 | 0 5 | 3 33 | 2 47 | 11 12 | 3 40 | 3 25 | 1 59 | 18 3 | 0 48 | 6 16 | 2 14 | 13 56 | 0 27 | 2 43 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 12 | 16 59 | 4 14 |
| W 4 | 15 54 | 21 55 | 1n 9 | 3 54 | 2 50 | 10 54 | 3 26 | 3 24 | 1 56 | 18 7 | 0 48 | 6 18 | 2 14 | 13 57 | 0 27 | 2 42 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 9 | 16 58 | 4 14 |
| T 5 | 16 11 | 19 6 | 2 21 | 4 16 | 2 53 | 10 37 | 3 11 | 3 22 | 1 54 | 18 10 | 0 48 | 6 21 | 2 14 | 13 58 | 0 27 | 2 42 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 6 | 16 57 | 4 15 |
| F 6 | 16 28 | 15 8 | 3 24 | 4 40 | 2 55 | 10 21 | 2 57 | 3 20 | 1 51 | 18 14 | 0 48 | 6 24 | 2 14 | 14 0 | 0 27 | 2 41 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 4 | 16 56 | 4 15 |
| S 7 | 16 45 | 10 18 | 4 15 | 5 5 | 2 57 | 10 7 | 2 44 | 3 18 | 1 49 | 18 17 | 0 47 | 6 26 | 2 14 | 14 1 | 0 27 | 2 41 | 1 27 | 22 10 | 5 9 | 23 20 | 23 22 | 11 1 | 16 55 | 4 16 |
| S 8 | 17 1 | 4 55 | 4 51 | 5 31 | 2 58 | 9 53 | 2 30 | 3 16 | 1 46 | 18 21 | 0 47 | 6 29 | 2 14 | 14 2 | 0 27 | 2 40 | 1 27 | 22 9 | 5 9 | 23 20 | 23 22 | 10 59 | 16 54 | 4 16 |
| M 9 | 17 17 | 0n43 | 5 9 | 5 59 | 2 58 | 9 40 | 2 16 | 3 13 | 1 44 | 18 24 | 0 47 | 6 31 | 2 14 | 14 3 | 0 27 | 2 40 | 1 27 | 22 9 | 5 9 | 23 20 | 23 22 | 10 56 | 16 53 | 4 17 |
| T 10 | 17 33 | 6 18 | 5 8 | 6 28 | 2 58 | 9 29 | 2 3 | 3 10 | 1 41 | 18 27 | 0 47 | 6 34 | 2 14 | 14 4 | 0 27 | 2 39 | 1 27 | 22 9 | 5 9 | 23 20 | 23 22 | 10 53 | 16 51 | 4 17 |
| W11 | 17 49 | 11 31 | 4 48 | 6 58 | 2 57 | 9 19 | 1 50 | 3 7 | 1 39 | 18 31 | 0 47 | 6 36 | 2 14 | 14 5 | 0 27 | 2 39 | 1 27 | 22 9 | 5 9 | 23 19 | 23 22 | 10 51 | 16 50 | 4 17 |
| T 12 | 18 4 | 16 4 | 4 12 | 7 29 | 2 56 | 9 9 | 1 38 | 3 3 | 1 37 | 18 34 | 0 47 | 6 38 | 2 15 | 14 6 | 0 27 | 2 39 | 1 27 | 22 9 | 5 9 | 23 19 | 23 21 | 10 48 | 16 49 | 4 18 |
| F 13 | 18 19 | 19 42 | 3 21 | 8 1 | 2 54 | 9 1 | 1 25 | 3 0 | 1 34 | 18 37 | 0 47 | 6 41 | 2 15 | 14 7 | 0 27 | 2 38 | 1 27 | 22 8 | 5 9 | 23 19 | 23 21 | 10 46 | 16 48 | 4 18 |
| S 14 | 18 34 | 22 11 | 2 21 | 8 33 | 2 51 | 8 54 | 1 13 | 2 56 | 1 32 | 18 41 | 0 47 | 6 43 | 2 15 | 14 8 | 0 27 | 2 38 | 1 27 | 22 8 | 5 9 | 23 19 | 23 21 | 10 43 | 16 47 | 4 19 |
| S 15 | 18 48 | 23 25 | 1 14 | 9 7 | 2 48 | 8 48 | 1 1 | 2 51 | 1 30 | 18 44 | 0 47 | 6 46 | 2 15 | 14 9 | 0 27 | 2 37 | 1 27 | 22 8 | 5 8 | 23 19 | 23 21 | 10 41 | 16 46 | 4 19 |
| M16 | 19 2 | 23 22 | 0 5 | 9 42 | 2 45 | 8 43 | 0 50 | 2 47 | 1 27 | 18 47 | 0 47 | 6 48 | 2 15 | 14 10 | 0 27 | 2 37 | 1 27 | 22 8 | 5 8 | 23 19 | 23 21 | 10 38 | 16 44 | 4 19 |
| T 17 | 19 16 | 22 7 | 1s 3 | 10 17 | 2 40 | 8 40 | 0 39 | 2 42 | 1 25 | 18 51 | 0 47 | 6 50 | 2 15 | 14 11 | 0 27 | 2 36 | 1 27 | 22 8 | 5 8 | 23 19 | 23 21 | 10 35 | 16 43 | 4 20 |
| W18 | 19 29 | 19 51 | 2 7 | 10 53 | 2 36 | 8 37 | 0 28 | 2 37 | 1 23 | 18 54 | 0 47 | 6 53 | 2 15 | 14 12 | 0 27 | 2 36 | 1 27 | 22 7 | 5 8 | 23 19 | 23 21 | 10 33 | 16 42 | 4 20 |
| T 19 | 19 42 | 16 45 | 3 4 | 11 30 | 2 30 | 8 35 | 0 17 | 2 32 | 1 20 | 18 57 | 0 46 | 6 55 | 2 15 | 14 13 | 0 27 | 2 36 | 1 27 | 22 7 | 5 8 | 23 19 | 23 21 | 10 30 | 16 41 | 4 20 |
| F 20 | 19 55 | 13 0 | 3 53 | 12 7 | 2 25 | 8 34 | 0 7 | 2 27 | 1 18 | 19 0 | 0 46 | 6 57 | 2 16 | 14 14 | 0 27 | 2 35 | 1 27 | 22 7 | 5 8 | 23 19 | 23 21 | 10 28 | 16 40 | 4 21 |
| S 21 | 20 8 | 8 45 | 4 31 | 12 44 | 2 18 | 8 33 | 0s 3 | 2 21 | 1 16 | 19 4 | 0 46 | 7 0 | 2 16 | 14 16 | 0 27 | 2 35 | 1 27 | 22 7 | 5 8 | 23 19 | 23 21 | 10 25 | 16 39 | 4 21 |
| S 22 | 20 20 | 4 11 | 4 58 | 13 22 | 2 12 | 8 34 | 0 12 | 2 15 | 1 14 | 19 7 | 0 46 | 7 2 | 2 16 | 14 17 | 0 27 | 2 35 | 1 27 | 22 6 | 5 8 | 23 19 | 23 21 | 10 22 | 16 38 | 4 21 |
| M23 | 20 31 | 0s34 | 5 12 | 14 1 | 2 4 | 8 36 | 0 21 | 2 9 | 1 12 | 19 10 | 0 46 | 7 4 | 2 16 | 14 18 | 0 27 | 2 34 | 1 27 | 22 6 | 5 8 | 23 19 | 23 21 | 10 20 | 16 37 | 4 22 |
| T 24 | 20 43 | 5 23 | 5 13 | 14 39 | 1 57 | 8 38 | 0 30 | 2 3 | 1 10 | 19 13 | 0 46 | 7 6 | 2 16 | 14 19 | 0 27 | 2 34 | 1 26 | 22 6 | 5 8 | 23 19 | 23 21 | 10 17 | 16 35 | 4 22 |
| W25 | 20 54 | 10 4 | 4 59 | 15 18 | 1 49 | 8 41 | 0 39 | 1 56 | 1 8 | 19 16 | 0 46 | 7 9 | 2 16 | 14 20 | 0 27 | 2 34 | 1 26 | 22 6 | 5 8 | 23 19 | 23 21 | 10 15 | 16 34 | 4 22 |
| T 26 | 21 4 | 14 27 | 4 30 | 15 56 | 1 40 | 8 45 | 0 47 | 1 49 | 1 5 | 19 19 | 0 46 | 7 11 | 2 16 | 14 21 | 0 27 | 2 34 | 1 26 | 22 5 | 5 8 | 23 19 | 23 20 | 10 12 | 16 33 | 4 22 |
| F 27 | 21 14 | 18 16 | 3 46 | 16 35 | 1 31 | 8 50 | 0 55 | 1 43 | 1 3 | 19 22 | 0 46 | 7 13 | 2 17 | 14 22 | 0 27 | 2 33 | 1 26 | 22 5 | 5 8 | 23 19 | 23 20 | 10 9 | 16 32 | 4 23 |
| S 28 | 21 24 | 21 15 | 2 50 | 17 13 | 1 22 | 8 55 | 1 3 | 1 35 | 1 1 | 19 25 | 0 46 | 7 15 | 2 17 | 14 23 | 0 27 | 2 33 | 1 26 | 22 5 | 5 8 | 23 19 | 23 20 | 10 7 | 16 31 | 4 23 |
| S 29 | 21 34 | 23 4 | 1 42 | 17 51 | 1 12 | 9 1 | 1 10 | 1 28 | 0 59 | 19 28 | 0 46 | 7 17 | 2 17 | 14 24 | 0 27 | 2 33 | 1 26 | 22 4 | 5 8 | 23 18 | 23 20 | 10 4 | 16 30 | 4 23 |
| M30 | 21 43 | 23 30 | 0 26 | 18 28 | 1 2 | 9 8 | 1 17 | 1 21 | 0 57 | 19 31 | 0 46 | 7 19 | 2 17 | 14 25 | 0 27 | 2 33 | 1 26 | 22 4 | 5 8 | 23 18 | 23 20 | 10 2 | 16 29 | 4 23 |
| T 31 | 21n52 | 22s25 | 0n52 | 19n 5 | 0s52 | 9n15 | 1s24 | 1n13 | 0n56 | 19n34 | 0s46 | 7n21 | 2s17 | 14n26 | 0s27 | 2s32 | 1n26 | 22n 4 | 5n 8 | 23s18 | 23s20 | 9n59 | 16s28 | 4n24 |

Julian Day Number = 2612006.5, Delta T = 10m36s
Ecliptic obliquity = 23°22'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°52'58, Lahiri = 29°59'59


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## JUNE 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 37 56 | 10♊42'23 | 19♑20 | 1♊15 | 28♈11 | 29♍20 | 1♊16 | 24♈37 | 10♉18 | 9°R46 | 12♌ 3 | 25♐35 | 26♐24 | 22♌29 | 3°R19 | W 1 |
| T 2 | 16 41 53 | 11°40'02 | 3♒43 | 3°20 | 28°51 | 29°36 | 1°30 | 24°43 | 10°21 | 9♎45 | 12° 3 | 25°36 | 26°21 | 22°36 | 3♐15 | T 2 |
| F 3 | 16 45 50 | 12°37'40 | 18° 6 | 5°26 | 29°32 | 29°52 | 1°44 | 24°49 | 10°24 | 9°44 | 12° 4 | 25°37 | 26°18 | 22°42 | 3°10 | F 3 |
| S 4 | 16 49 46 | 13°35'17 | 2♓25 | 7°34 | 0♉15 | 0♎ 9 | 1°58 | 24°55 | 10°27 | 9°44 | 12° 5 | 25°38 | 26°15 | 22°49 | 3° 6 | S 4 |
| S 5 | 16 53 43 | 14°32'53 | 16°37 | 9°43 | 0°58 | 0°26 | 2°12 | 25° 1 | 10°30 | 9°43 | 12° 6 | 25°R38 | 26°12 | 22°56 | 3° 2 | S 5 |
| M 6 | 16 57 39 | 15°30'28 | 0♈41 | 11°53 | 1°43 | 0°43 | 2°26 | 25° 7 | 10°33 | 9°43 | 12° 8 | 25°38 | 26° 9 | 23° 2 | 2°57 | M 6 |
| T 7 | 17 1 36 | 16°28'03 | 14°34 | 14° 4 | 2°28 | 1° 2 | 2°40 | 25°12 | 10°36 | 9°42 | 12° 9 | 25°37 | 26° 5 | 23° 9 | 2°53 | T 7 |
| W 8 | 17 5 32 | 17°25'36 | 28°14 | 16°16 | 3°14 | 1°20 | 2°54 | 25°18 | 10°39 | 9°42 | 12°10 | 25°36 | 26° 2 | 23°16 | 2°49 | W 8 |
| T 9 | 17 9 29 | 18°23'09 | 11♉42 | 18°28 | 4° 1 | 1°39 | 3° 8 | 25°23 | 10°42 | 9°42 | 12°11 | 25°35 | 25°59 | 23°22 | 2°44 | T 9 |
| F 10 | 17 13 25 | 19°20'41 | 24°56 | 20°40 | 4°49 | 1°59 | 3°22 | 25°29 | 10°45 | 9°41 | 12°12 | 25°34 | 25°56 | 23°29 | 2°40 | F 10 |
| S 11 | 17 17 22 | 20°18'12 | 7♊56 | 22°52 | 5°37 | 2°18 | 3°36 | 25°34 | 10°47 | 9°41 | 12°13 | 25°34 | 25°53 | 23°36 | 2°36 | S 11 |
| S 12 | 17 21 19 | 21°15'42 | 20°42 | 25° 4 | 6°26 | 2°39 | 3°50 | 25°40 | 10°50 | 9°41 | 12°14 | 25°D33 | 25°49 | 23°43 | 2°32 | S 12 |
| M13 | 17 25 15 | 22°13'12 | 3♋14 | 27°15 | 7°16 | 2°59 | 4° 4 | 25°45 | 10°53 | 9°40 | 12°15 | 25°33 | 25°46 | 23°49 | 2°28 | M13 |
| T 14 | 17 29 12 | 23°10'40 | 15°33 | 29°25 | 8° 7 | 3°20 | 4°18 | 25°50 | 10°56 | 9°40 | 12°17 | 25°34 | 25°43 | 23°56 | 2°24 | T 14 |
| W15 | 17 33 8 | 24° 8'07 | 27°41 | 1♋33 | 8°58 | 3°42 | 4°32 | 25°55 | 10°59 | 9°40 | 12°18 | 25°34 | 25°40 | 24° 3 | 2°20 | W15 |
| T 16 | 17 37 5 | 25° 5'34 | 9♌40 | 3°41 | 9°49 | 4° 4 | 4°45 | 26° 0 | 11° 1 | 9°40 | 12°19 | 25°34 | 25°37 | 24° 9 | 2°16 | T 16 |
| F 17 | 17 41 1 | 26° 2'59 | 21°34 | 5°46 | 10°42 | 4°26 | 4°59 | 26° 5 | 11° 4 | 9°40 | 12°20 | 25°R34 | 25°34 | 24°16 | 2°12 | F 17 |
| S 18 | 17 44 58 | 27° 0'23 | 3♍25 | 7°50 | 11°35 | 4°48 | 5°13 | 26°10 | 11° 7 | 9°40 | 12°22 | 25°34 | 25°30 | 24°23 | 2° 8 | S 18 |
| S 19 | 17 48 55 | 27°57'46 | 15°18 | 9°52 | 12°28 | 5°11 | 5°27 | 26°15 | 11° 9 | 9°39 | 12°23 | 25°34 | 25°27 | 24°29 | 2° 5 | S 19 |
| M20 | 17 52 51 | 28°55'09 | 27°18 | 11°52 | 13°22 | 5°34 | 5°40 | 26°20 | 11°12 | 9°39 | 12°24 | 25°D34 | 25°24 | 24°36 | 2° 1 | M20 |
| T 21 | 17 56 48 | 29°52'30 | 9♎28 | 13°50 | 14°17 | 5°58 | 5°54 | 26°24 | 11°14 | 9°D39 | 12°26 | 25°34 | 25°21 | 24°43 | 1°57 | T 21 |
| W22 | 18 0 44 | 0♋49'50 | 21°54 | 15°46 | 15°12 | 6°22 | 6° 7 | 26°29 | 11°17 | 9°39 | 12°27 | 25°34 | 25°18 | 24°50 | 1°54 | W22 |
| T 23 | 18 4 41 | 1°47'09 | 4♏38 | 17°39 | 16° 7 | 6°46 | 6°21 | 26°33 | 11°19 | 9°40 | 12°28 | 25°34 | 25°15 | 24°56 | 1°50 | T 23 |
| F 24 | 18 8 37 | 2°44'28 | 17°45 | 19°30 | 17° 3 | 7°11 | 6°34 | 26°38 | 11°22 | 9°40 | 12°30 | 25°35 | 25°11 | 25° 3 | 1°47 | F 24 |
| S 25 | 18 12 34 | 3°41'46 | 1♐16 | 21°19 | 18° 0 | 7°36 | 6°48 | 26°42 | 11°24 | 9°40 | 12°31 | 25°36 | 25° 8 | 25°10 | 1°43 | S 25 |
| S 26 | 18 16 30 | 4°39'03 | 15°10 | 23° 6 | 18°57 | 8° 1 | 7° 1 | 26°47 | 11°26 | 9°40 | 12°32 | 25°36 | 25° 5 | 25°16 | 1°40 | S 26 |
| M27 | 18 20 27 | 5°36'20 | 29°27 | 24°50 | 19°54 | 8°26 | 7°14 | 26°51 | 11°29 | 9°40 | 12°34 | 25°R36 | 25° 2 | 25°23 | 1°37 | M27 |
| T 28 | 18 24 24 | 6°33'36 | 14♑ 1 | 26°32 | 20°52 | 8°52 | 7°28 | 26°55 | 11°31 | 9°40 | 12°35 | 25°36 | 24°59 | 25°30 | 1°34 | T 28 |
| W29 | 18 28 20 | 7°30'51 | 28°46 | 28°11 | 21°50 | 9°18 | 7°41 | 26°59 | 11°33 | 9°41 | 12°37 | 25°35 | 24°55 | 25°37 | 1°31 | W29 |
| T 30 | 18 32 17 | 8♋28'06 | 13♒36 | 29♋48 | 22♉48 | 9♎44 | 7♊54 | 27♈ 3 | 11♉36 | 9♎41 | 12♌38 | 25♐34 | 24♐52 | 25♌43 | 1♐28 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 0 | 19s53 | 2n 8 | 19n41 | 0s42 | 9n23 | 1s31 | 1n 5 | 0n54 | 19n37 | 0s46 | 7n23 | 2s17 | 14n26 | 0s27 | 2s32 | 1n26 | 22n 3 | 5n 7 | 23s18 | 23s20 | 9n56 | 16s27 | 4n24 |
| T 2 | 22 8 | 16 6 | 3 16 | 20 16 | 0 31 | 9 32 | 1 37 | 0 57 | 0 52 | 19 40 | 0 46 | 7 25 | 2 18 | 14 27 | 0 27 | 2 32 | 1 26 | 22 3 | 5 7 | 23 19 | 23 20 | 9 54 | 16 26 | 4 24 |
| F 3 | 22 15 | 11 23 | 4 11 | 20 49 | 0 21 | 9 41 | 1 43 | 0 49 | 0 50 | 19 43 | 0 46 | 7 27 | 2 18 | 14 28 | 0 27 | 2 32 | 1 26 | 22 3 | 5 7 | 23 19 | 23 20 | 9 51 | 16 25 | 4 24 |
| S 4 | 22 23 | 6 3 | 4 51 | 21 21 | 0 10 | 9 50 | 1 49 | 0 41 | 0 48 | 19 46 | 0 46 | 7 29 | 2 18 | 14 29 | 0 27 | 2 32 | 1 26 | 22 2 | 5 7 | 23 19 | 23 20 | 9 49 | 16 24 | 4 25 |
| S 5 | 22 29 | 0 28 | 5 13 | 21 52 | 0n 1 | 10 0 | 1 54 | 0 32 | 0 46 | 19 49 | 0 45 | 7 31 | 2 18 | 14 30 | 0 27 | 2 31 | 1 26 | 22 2 | 5 7 | 23 19 | 23 20 | 9 46 | 16 23 | 4 25 |
| M 6 | 22 36 | 5n 6 | 5 15 | 22 21 | 0 11 | 10 10 | 2 0 | 0 24 | 0 44 | 19 51 | 0 45 | 7 33 | 2 18 | 14 31 | 0 27 | 2 31 | 1 26 | 22 2 | 5 7 | 23 19 | 23 20 | 9 43 | 16 22 | 4 25 |
| T 7 | 22 42 | 10 20 | 4 59 | 22 48 | 0 22 | 10 21 | 2 5 | 0 15 | 0 43 | 19 54 | 0 45 | 7 35 | 2 18 | 14 32 | 0 27 | 2 31 | 1 26 | 22 1 | 5 7 | 23 19 | 23 19 | 9 41 | 16 21 | 4 25 |
| W 8 | 22 47 | 14 58 | 4 27 | 23 12 | 0 32 | 10 32 | 2 9 | 0 6 | 0 41 | 19 57 | 0 45 | 7 37 | 2 19 | 14 33 | 0 27 | 2 31 | 1 26 | 22 1 | 5 7 | 23 19 | 23 19 | 9 38 | 16 20 | 4 25 |
| T 9 | 22 53 | 18 47 | 3 40 | 23 35 | 0 42 | 10 44 | 2 14 | 0s 3 | 0 39 | 20 0 | 0 45 | 7 38 | 2 19 | 14 34 | 0 27 | 2 31 | 1 26 | 22 1 | 5 7 | 23 18 | 23 19 | 9 36 | 16 19 | 4 25 |
| F 10 | 22 57 | 21 34 | 2 42 | 23 55 | 0 51 | 10 55 | 2 18 | 0 13 | 0 37 | 20 2 | 0 45 | 7 40 | 2 19 | 14 35 | 0 27 | 2 31 | 1 26 | 22 0 | 5 7 | 23 18 | 23 19 | 9 33 | 16 18 | 4 25 |
| S 11 | 23 2 | 23 10 | 1 36 | 24 12 | 1 0 | 11 7 | 2 22 | 0 22 | 0 36 | 20 5 | 0 45 | 7 42 | 2 19 | 14 36 | 0 27 | 2 31 | 1 26 | 22 0 | 5 7 | 23 18 | 23 19 | 9 30 | 16 17 | 4 26 |
| S 12 | 23 6 | 23 30 | 0 27 | 24 26 | 1 9 | 11 20 | 2 26 | 0 32 | 0 34 | 20 8 | 0 45 | 7 44 | 2 19 | 14 37 | 0 27 | 2 31 | 1 26 | 22 0 | 5 7 | 23 18 | 23 19 | 9 28 | 16 16 | 4 26 |
| M13 | 23 9 | 22 38 | 0s42 | 24 38 | 1 17 | 11 33 | 2 30 | 0 41 | 0 32 | 20 10 | 0 45 | 7 45 | 2 20 | 14 37 | 0 27 | 2 30 | 1 26 | 21 59 | 5 7 | 23 18 | 23 19 | 9 25 | 16 16 | 4 26 |
| T 14 | 23 12 | 20 41 | 1 49 | 24 47 | 1 25 | 11 46 | 2 33 | 0 51 | 0 31 | 20 13 | 0 45 | 7 47 | 2 20 | 14 38 | 0 27 | 2 30 | 1 26 | 21 59 | 5 7 | 23 18 | 23 19 | 9 23 | 16 15 | 4 26 |
| W15 | 23 15 | 17 49 | 2 49 | 24 54 | 1 31 | 11 59 | 2 36 | 1 1 | 0 29 | 20 15 | 0 45 | 7 49 | 2 20 | 14 39 | 0 27 | 2 30 | 1 26 | 21 58 | 5 7 | 23 18 | 23 19 | 9 20 | 16 14 | 4 26 |
| T 16 | 23 17 | 14 14 | 3 41 | 24 57 | 1 37 | 12 12 | 2 39 | 1 11 | 0 28 | 20 18 | 0 45 | 7 50 | 2 20 | 14 40 | 0 27 | 2 30 | 1 26 | 21 58 | 5 7 | 23 18 | 23 19 | 9 17 | 16 13 | 4 26 |
| F 17 | 23 19 | 10 8 | 4 23 | 24 58 | 1 43 | 12 26 | 2 42 | 1 21 | 0 26 | 20 20 | 0 45 | 7 52 | 2 20 | 14 41 | 0 27 | 2 30 | 1 26 | 21 58 | 5 7 | 23 18 | 23 18 | 9 15 | 16 12 | 4 26 |
| S 18 | 23 21 | 5 39 | 4 54 | 24 56 | 1 47 | 12 39 | 2 45 | 1 32 | 0 25 | 20 23 | 0 45 | 7 54 | 2 21 | 14 42 | 0 27 | 2 30 | 1 26 | 21 57 | 5 7 | 23 18 | 23 18 | 9 12 | 16 11 | 4 26 |
| S 19 | 23 22 | 0 59 | 5 12 | 24 52 | 1 51 | 12 53 | 2 47 | 1 42 | 0 23 | 20 25 | 0 45 | 7 55 | 2 21 | 14 42 | 0 27 | 2 30 | 1 26 | 21 57 | 5 7 | 23 18 | 23 18 | 9 9 | 16 11 | 4 26 |
| M20 | 23 23 | 3s47 | 5 17 | 24 45 | 1 54 | 13 7 | 2 49 | 1 53 | 0 22 | 20 28 | 0 45 | 7 57 | 2 21 | 14 43 | 0 27 | 2 30 | 1 25 | 21 57 | 5 7 | 23 18 | 23 18 | 9 7 | 16 10 | 4 26 |
| T 21 | 23 23 | 8 28 | 5 8 | 24 36 | 1 57 | 13 21 | 2 51 | 2 3 | 0 20 | 20 30 | 0 45 | 7 58 | 2 21 | 14 44 | 0 27 | 2 30 | 1 25 | 21 56 | 5 7 | 23 18 | 23 18 | 9 4 | 16 9 | 4 26 |
| W22 | 23 23 | 12 54 | 4 44 | 24 25 | 1 58 | 13 35 | 2 53 | 2 14 | 0 19 | 20 32 | 0 45 | 8 0 | 2 21 | 14 45 | 0 27 | 2 30 | 1 25 | 21 56 | 5 7 | 23 18 | 23 18 | 9 2 | 16 8 | 4 26 |
| T 23 | 23 22 | 16 54 | 4 6 | 24 11 | 1 59 | 13 50 | 2 55 | 2 25 | 0 17 | 20 35 | 0 45 | 8 1 | 2 22 | 14 45 | 0 27 | 2 31 | 1 25 | 21 55 | 5 7 | 23 18 | 23 18 | 8 59 | 16 8 | 4 26 |
| F 24 | 23 21 | 20 12 | 3 15 | 23 56 | 1 59 | 14 4 | 2 57 | 2 36 | 0 16 | 20 37 | 0 45 | 8 2 | 2 22 | 14 46 | 0 27 | 2 31 | 1 25 | 21 55 | 5 7 | 23 18 | 23 18 | 8 56 | 16 7 | 4 26 |
| S 25 | 23 20 | 22 30 | 2 11 | 23 39 | 1 59 | 14 18 | 2 58 | 2 47 | 0 14 | 20 39 | 0 45 | 8 4 | 2 22 | 14 47 | 0 27 | 2 31 | 1 25 | 21 54 | 5 7 | 23 19 | 23 18 | 8 54 | 16 6 | 4 26 |
| S 26 | 23 18 | 23 31 | 0 58 | 23 20 | 1 57 | 14 32 | 2 59 | 2 58 | 0 13 | 20 42 | 0 45 | 8 5 | 2 22 | 14 48 | 0 27 | 2 31 | 1 25 | 21 54 | 5 7 | 23 19 | 23 17 | 8 51 | 16 6 | 4 26 |
| M27 | 23 16 | 23 2 | 0n21 | 23 0 | 1 55 | 14 47 | 3 0 | 3 10 | 0 12 | 20 44 | 0 45 | 8 6 | 2 23 | 14 48 | 0 27 | 2 31 | 1 25 | 21 54 | 5 7 | 23 19 | 23 17 | 8 49 | 16 5 | 4 26 |
| T 28 | 23 13 | 20 59 | 1 40 | 22 38 | 1 53 | 15 1 | 3 1 | 3 21 | 0 10 | 20 46 | 0 45 | 8 8 | 2 23 | 14 49 | 0 27 | 2 31 | 1 25 | 21 53 | 5 7 | 23 19 | 23 17 | 8 46 | 16 5 | 4 26 |
| W29 | 23 10 | 17 32 | 2 53 | 22 15 | 1 49 | 15 15 | 3 2 | 3 32 | 0 9 | 20 48 | 0 45 | 8 9 | 2 23 | 14 50 | 0 27 | 2 31 | 1 25 | 21 53 | 5 7 | 23 18 | 23 17 | 8 43 | 16 4 | 4 26 |
| T 30 | 23n 7 | 12s56 | 3n55 | 21n51 | 1n45 | 15n29 | 3s 2 | 3s44 | 0n 8 | 20n50 | 0s45 | 8n10 | 2s23 | 14n50 | 0s27 | 2s31 | 1n25 | 21n52 | 5n 7 | 23s18 | 23s17 | 8n41 | 16s 4 | 4n26 |

Julian Day Number = 2612037.5, Delta T = 10m36s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'02, Lahiri = 30°00'03


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## JULY 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 36 13 | 9♋25'21 | 28♒23 | 1♌22 | 23♉47 | 10♎11 | 8♊ 7 | 27♈ 7 | 11♉38 | 9♎41 | 12♌40 | 25°R32 | 24♐49 | 25♌50 | 1°R25 | F 1 |
| S 2 | 18 40 10 | 10°22'36 | 12♓59 | 2°54 | 24°47 | 10°38 | 8°20 | 27°11 | 11°40 | 9°42 | 12°41 | 25♐31 | 24°46 | 25°57 | 1♐22 | S 2 |
| S 3 | 18 44 6 | 11°19'51 | 27°21 | 4°24 | 25°46 | 11° 5 | 8°33 | 27°14 | 11°42 | 9°42 | 12°43 | 25°30 | 24°43 | 26° 3 | 1°19 | S 3 |
| M 4 | 18 48 3 | 12°17'05 | 11♈26 | 5°51 | 26°46 | 11°32 | 8°46 | 27°18 | 11°44 | 9°42 | 12°44 | 25°D29 | 24°40 | 26°10 | 1°16 | M 4 |
| T 5 | 18 51 59 | 13°14'20 | 25°11 | 7°16 | 27°46 | 12° 0 | 8°59 | 27°22 | 11°46 | 9°43 | 12°46 | 25°29 | 24°36 | 26°17 | 1°14 | T 5 |
| W 6 | 18 55 56 | 14°11'35 | 8♉37 | 8°38 | 28°47 | 12°28 | 9°12 | 27°25 | 11°48 | 9°43 | 12°47 | 25°30 | 24°33 | 26°23 | 1°11 | W 6 |
| T 7 | 18 59 53 | 15° 8'50 | 21°46 | 9°58 | 29°48 | 12°56 | 9°25 | 27°28 | 11°50 | 9°44 | 12°49 | 25°32 | 24°30 | 26°30 | 1° 9 | T 7 |
| F 8 | 19 3 49 | 16° 6'05 | 4♊39 | 11°15 | 0♊49 | 13°25 | 9°37 | 27°32 | 11°52 | 9°44 | 12°50 | 25°33 | 24°27 | 26°37 | 1° 7 | F 8 |
| S 9 | 19 7 46 | 17° 3'20 | 17°18 | 12°29 | 1°51 | 13°53 | 9°50 | 27°35 | 11°54 | 9°45 | 12°52 | 25°34 | 24°24 | 26°44 | 1° 4 | S 9 |
| S 10 | 19 11 42 | 18° 0'35 | 29°45 | 13°41 | 2°52 | 14°22 | 10° 3 | 27°38 | 11°56 | 9°45 | 12°54 | 25°R34 | 24°21 | 26°50 | 1° 2 | S 10 |
| M11 | 19 15 39 | 18°57'50 | 12♋ 1 | 14°50 | 3°54 | 14°52 | 10°15 | 27°41 | 11°58 | 9°46 | 12°55 | 25°33 | 24°17 | 26°57 | 1° 0 | M11 |
| T 12 | 19 19 35 | 19°55'05 | 24° 9 | 15°56 | 4°57 | 15°21 | 10°28 | 27°44 | 11°59 | 9°47 | 12°57 | 25°31 | 24°14 | 27° 4 | 0°58 | T 12 |
| W13 | 19 23 32 | 20°52'20 | 6♌10 | 16°59 | 5°59 | 15°51 | 10°40 | 27°47 | 12° 1 | 9°48 | 12°58 | 25°28 | 24°11 | 27°10 | 0°56 | W13 |
| T 14 | 19 27 28 | 21°49'35 | 18° 5 | 17°59 | 7° 2 | 16°21 | 10°53 | 27°49 | 12° 3 | 9°48 | 13° 0 | 25°24 | 24° 8 | 27°17 | 0°54 | T 14 |
| F 15 | 19 31 25 | 22°46'50 | 29°57 | 18°56 | 8° 5 | 16°51 | 11° 5 | 27°52 | 12° 4 | 9°49 | 13° 2 | 25°19 | 24° 5 | 27°24 | 0°53 | F 15 |
| S 16 | 19 35 22 | 23°44'04 | 11♍47 | 19°50 | 9° 8 | 17°21 | 11°17 | 27°55 | 12° 6 | 9°50 | 13° 3 | 25°15 | 24° 1 | 27°31 | 0°51 | S 16 |
| S 17 | 19 39 18 | 24°41'19 | 23°40 | 20°40 | 10°12 | 17°52 | 11°29 | 27°57 | 12° 7 | 9°51 | 13° 5 | 25°11 | 23°58 | 27°37 | 0°50 | S 17 |
| M18 | 19 43 15 | 25°38'33 | 5♎39 | 21°27 | 11°16 | 18°22 | 11°41 | 27°59 | 12° 9 | 9°51 | 13° 7 | 25° 8 | 23°55 | 27°44 | 0°48 | M18 |
| T 19 | 19 47 11 | 26°35'48 | 17°47 | 22°11 | 12°20 | 18°53 | 11°53 | 28° 2 | 12°10 | 9°52 | 13° 8 | 25° 6 | 23°52 | 27°51 | 0°47 | T 19 |
| W20 | 19 51 8 | 27°33'02 | 0♏10 | 22°51 | 13°24 | 19°24 | 12° 5 | 28° 4 | 12°12 | 9°53 | 13°10 | 25°D 6 | 23°49 | 27°57 | 0°46 | W20 |
| T 21 | 19 55 4 | 28°30'16 | 12°50 | 23°26 | 14°28 | 19°56 | 12°17 | 28° 6 | 12°13 | 9°54 | 13°12 | 25° 6 | 23°46 | 28° 4 | 0°45 | T 21 |
| F 22 | 19 59 1 | 29°27'31 | 25°53 | 23°58 | 15°33 | 20°27 | 12°29 | 28° 8 | 12°14 | 9°55 | 13°13 | 25° 8 | 23°42 | 28°11 | 0°44 | F 22 |
| S 23 | 20 2 57 | 0♌24'45 | 9♐22 | 24°26 | 16°37 | 20°59 | 12°40 | 28°10 | 12°16 | 9°56 | 13°15 | 25° 9 | 23°39 | 28°18 | 0°43 | S 23 |
| S 24 | 20 6 54 | 1°22'00 | 23°18 | 24°49 | 17°42 | 21°31 | 12°52 | 28°12 | 12°17 | 9°57 | 13°17 | 25°R10 | 23°36 | 28°24 | 0°42 | S 24 |
| M25 | 20 10 51 | 2°19'15 | 7♑40 | 25° 8 | 18°47 | 22° 3 | 13° 3 | 28°13 | 12°18 | 9°58 | 13°18 | 25° 9 | 23°33 | 28°31 | 0°41 | M25 |
| T 26 | 20 14 47 | 3°16'30 | 22°26 | 25°22 | 19°53 | 22°36 | 13°15 | 28°15 | 12°19 | 9°59 | 13°20 | 25° 7 | 23°30 | 28°38 | 0°41 | T 26 |
| W27 | 20 18 44 | 4°13'45 | 7♒29 | 25°31 | 20°58 | 23° 8 | 13°26 | 28°16 | 12°20 | 10° 0 | 13°22 | 25° 3 | 23°27 | 28°44 | 0°40 | W27 |
| T 28 | 20 22 40 | 5°11'01 | 22°39 | 25°R36 | 22° 4 | 23°41 | 13°37 | 28°18 | 12°21 | 10° 2 | 13°24 | 24°58 | 23°23 | 28°51 | 0°40 | T 28 |
| F 29 | 20 26 37 | 6° 8'17 | 7♓47 | 25°36 | 23°10 | 24°14 | 13°49 | 28°19 | 12°22 | 10° 3 | 13°25 | 24°52 | 23°20 | 28°58 | 0°39 | F 29 |
| S 30 | 20 30 33 | 7° 5'34 | 22°44 | 25°31 | 24°16 | 24°47 | 14° 0 | 28°20 | 12°23 | 10° 4 | 13°27 | 24°46 | 23°17 | 29° 4 | 0°39 | S 30 |
| S 31 | 20 34 30 | 8♌ 2'52 | 7♈21 | 25♌21 | 25♊22 | 25♎20 | 14♊11 | 28♈21 | 12♉24 | 10♎ 5 | 13♌29 | 24♐42 | 23♐14 | 29♌11 | 0°D39 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 23n 3 | 7s36 | 4n41 | 21n26 | 1n40 | 15n44 | 3s 3 | 3s56 | 0n 6 | 20n52 | 0s45 | 8n11 | 2s24 | 14n51 | 0s27 | 2s31 | 1n25 | 21n52 | 5n 7 | 23s18 | 23s17 | 8n38 | 16s 3 | 4n26 | |
| S 2 | 22 59 | 1 55 | 5 8 | 21 0 | 1 35 | 15 58 | 3 3 | 4 7 | 0 5 | 20 54 | 0 45 | 8 12 | 2 24 | 14 52 | 0 28 | 2 32 | 1 25 | 21 51 | 5 7 | 23 18 | 23 17 | 8 35 | 16 2 | 4 26 | |
| S 3 | 22 54 | 3n47 | 5 16 | 20 33 | 1 29 | 16 11 | 3 3 | 4 19 | 0 4 | 20 57 | 0 45 | 8 13 | 2 24 | 14 52 | 0 28 | 2 32 | 1 25 | 21 51 | 5 7 | 23 18 | 23 17 | 8 33 | 16 2 | 4 26 | |
| M 4 | 22 49 | 9 10 | 5 4 | 20 6 | 1 22 | 16 25 | 3 3 | 4 31 | 0 2 | 20 59 | 0 45 | 8 15 | 2 24 | 14 53 | 0 28 | 2 32 | 1 25 | 21 51 | 5 7 | 23 18 | 23 16 | 8 30 | 16 2 | 4 26 | |
| T 5 | 22 44 | 13 59 | 4 35 | 19 37 | 1 15 | 16 39 | 3 3 | 4 43 | 0 1 | 21 1 | 0 45 | 8 16 | 2 25 | 14 54 | 0 28 | 2 32 | 1 25 | 21 50 | 5 7 | 23 18 | 23 16 | 8 28 | 16 1 | 4 26 | |
| W 6 | 22 38 | 17 59 | 3 51 | 19 9 | 1 8 | 16 52 | 3 2 | 4 55 | 0s 0 | 21 2 | 0 45 | 8 17 | 2 25 | 14 54 | 0 28 | 2 32 | 1 25 | 21 50 | 5 7 | 23 18 | 23 16 | 8 25 | 16 1 | 4 26 | |
| T 7 | 22 31 | 21 0 | 2 56 | 18 40 | 0 59 | 17 6 | 3 2 | 5 7 | 0 1 | 21 4 | 0 45 | 8 18 | 2 25 | 14 55 | 0 28 | 2 33 | 1 25 | 21 49 | 5 7 | 23 18 | 23 16 | 8 22 | 16 0 | 4 26 | |
| F 8 | 22 25 | 22 52 | 1 53 | 18 10 | 0 50 | 17 19 | 3 1 | 5 19 | 0 3 | 21 6 | 0 45 | 8 18 | 2 25 | 14 55 | 0 28 | 2 33 | 1 25 | 21 49 | 5 7 | 23 18 | 23 16 | 8 20 | 16 0 | 4 25 | |
| S 9 | 22 18 | 23 32 | 0 45 | 17 41 | 0 41 | 17 32 | 3 1 | 5 31 | 0 4 | 21 8 | 0 45 | 8 19 | 2 26 | 14 56 | 0 28 | 2 33 | 1 25 | 21 48 | 5 7 | 23 18 | 23 16 | 8 17 | 16 0 | 4 25 | |
| S 10 | 22 10 | 23 0 | 0s23 | 17 11 | 0 31 | 17 44 | 3 0 | 5 44 | 0 5 | 21 10 | 0 45 | 8 20 | 2 26 | 14 56 | 0 28 | 2 34 | 1 25 | 21 48 | 5 7 | 23 18 | 23 16 | 8 14 | 15 59 | 4 25 | |
| M11 | 22 3 | 21 21 | 1 29 | 16 41 | 0 21 | 17 57 | 2 59 | 5 56 | 0 6 | 21 12 | 0 45 | 8 21 | 2 26 | 14 57 | 0 28 | 2 34 | 1 25 | 21 47 | 5 7 | 23 18 | 23 16 | 8 12 | 15 59 | 4 25 | |
| T 12 | 21 54 | 18 45 | 2 31 | 16 11 | 0 10 | 18 9 | 2 58 | 6 8 | 0 7 | 21 14 | 0 45 | 8 22 | 2 26 | 14 57 | 0 28 | 2 34 | 1 25 | 21 47 | 5 7 | 23 18 | 23 15 | 8 9 | 15 59 | 4 25 | |
| W13 | 21 46 | 15 23 | 3 25 | 15 42 | 0s 1 | 18 21 | 2 57 | 6 21 | 0 8 | 21 15 | 0 45 | 8 23 | 2 27 | 14 58 | 0 28 | 2 34 | 1 25 | 21 47 | 5 7 | 23 18 | 23 15 | 8 6 | 15 58 | 4 25 | |
| T 14 | 21 37 | 11 25 | 4 9 | 15 12 | 0 12 | 18 33 | 2 56 | 6 33 | 0 10 | 21 17 | 0 45 | 8 23 | 2 27 | 14 58 | 0 28 | 2 35 | 1 25 | 21 46 | 5 7 | 23 18 | 23 15 | 8 4 | 15 58 | 4 25 | |
| F 15 | 21 28 | 7 3 | 4 43 | 14 44 | 0 24 | 18 44 | 2 54 | 6 46 | 0 11 | 21 19 | 0 45 | 8 24 | 2 27 | 14 59 | 0 28 | 2 35 | 1 24 | 21 46 | 5 7 | 23 18 | 23 15 | 8 1 | 15 58 | 4 25 | |
| S 16 | 21 18 | 2 26 | 5 4 | 14 15 | 0 37 | 18 55 | 2 53 | 6 59 | 0 12 | 21 20 | 0 45 | 8 25 | 2 27 | 14 59 | 0 28 | 2 35 | 1 24 | 21 45 | 5 7 | 23 18 | 23 15 | 7 59 | 15 58 | 4 24 | |
| S 17 | 21 8 | 2s17 | 5 12 | 13 47 | 0 49 | 19 6 | 2 51 | 7 11 | 0 13 | 21 22 | 0 45 | 8 25 | 2 28 | 15 0 | 0 28 | 2 36 | 1 24 | 21 45 | 5 7 | 23 18 | 23 15 | 7 56 | 15 58 | 4 24 | |
| M18 | 20 58 | 6 57 | 5 7 | 13 20 | 1 2 | 19 17 | 2 49 | 7 24 | 0 14 | 21 24 | 0 45 | 8 26 | 2 28 | 15 0 | 0 28 | 2 36 | 1 24 | 21 44 | 5 7 | 23 18 | 23 15 | 7 53 | 15 58 | 4 24 | |
| T 19 | 20 47 | 11 24 | 4 49 | 12 53 | 1 16 | 19 27 | 2 48 | 7 37 | 0 15 | 21 25 | 0 45 | 8 26 | 2 28 | 15 1 | 0 28 | 2 37 | 1 24 | 21 44 | 5 7 | 23 17 | 23 14 | 7 51 | 15 57 | 4 24 | |
| W20 | 20 36 | 15 30 | 4 16 | 12 28 | 1 29 | 19 37 | 2 46 | 7 49 | 0 16 | 21 27 | 0 45 | 8 27 | 2 28 | 15 1 | 0 28 | 2 37 | 1 24 | 21 43 | 5 7 | 23 17 | 23 14 | 7 48 | 15 57 | 4 24 | |
| T 21 | 20 25 | 19 0 | 3 31 | 12 3 | 1 43 | 19 46 | 2 44 | 8 2 | 0 17 | 21 28 | 0 45 | 8 27 | 2 29 | 15 2 | 0 28 | 2 37 | 1 24 | 21 43 | 5 7 | 23 17 | 23 14 | 7 45 | 15 57 | 4 24 | |
| F 22 | 20 13 | 21 39 | 2 33 | 11 40 | 1 57 | 19 55 | 2 42 | 8 15 | 0 18 | 21 30 | 0 45 | 8 28 | 2 29 | 15 2 | 0 28 | 2 38 | 1 24 | 21 42 | 5 7 | 23 18 | 23 14 | 7 43 | 15 57 | 4 24 | |
| S 23 | 20 1 | 23 12 | 1 25 | 11 17 | 2 11 | 20 4 | 2 40 | 8 28 | 0 19 | 21 31 | 0 45 | 8 28 | 2 29 | 15 2 | 0 28 | 2 38 | 1 24 | 21 42 | 5 7 | 23 18 | 23 14 | 7 40 | 15 57 | 4 23 | |
| S 24 | 19 48 | 23 23 | 0 10 | 10 57 | 2 25 | 20 12 | 2 38 | 8 41 | 0 20 | 21 33 | 0 45 | 8 29 | 2 29 | 15 3 | 0 28 | 2 39 | 1 24 | 21 42 | 5 7 | 23 18 | 23 14 | 7 38 | 15 57 | 4 23 | |
| M25 | 19 36 | 22 2 | 1n 8 | 10 37 | 2 39 | 20 20 | 2 35 | 8 54 | 0 21 | 21 34 | 0 45 | 8 29 | 2 30 | 15 3 | 0 28 | 2 39 | 1 24 | 21 41 | 5 7 | 23 18 | 23 13 | 7 35 | 15 57 | 4 23 | |
| T 26 | 19 23 | 19 10 | 2 23 | 10 19 | 2 53 | 20 27 | 2 33 | 9 7 | 0 22 | 21 36 | 0 45 | 8 29 | 2 30 | 15 3 | 0 28 | 2 40 | 1 24 | 21 41 | 5 7 | 23 18 | 23 13 | 7 32 | 15 57 | 4 23 | |
| W27 | 19 9 | 14 59 | 3 29 | 10 3 | 3 7 | 20 34 | 2 30 | 9 20 | 0 23 | 21 37 | 0 45 | 8 30 | 2 30 | 15 4 | 0 28 | 2 40 | 1 24 | 21 40 | 5 7 | 23 17 | 23 13 | 7 30 | 15 57 | 4 23 | |
| T 28 | 18 56 | 9 48 | 4 22 | 9 49 | 3 20 | 20 41 | 2 28 | 9 33 | 0 24 | 21 38 | 0 45 | 8 30 | 2 31 | 15 4 | 0 28 | 2 40 | 1 24 | 21 40 | 5 7 | 23 17 | 23 13 | 7 27 | 15 58 | 4 22 | |
| F 29 | 18 42 | 4 3 | 4 56 | 9 36 | 3 33 | 20 47 | 2 25 | 9 46 | 0 25 | 21 40 | 0 45 | 8 30 | 2 31 | 15 4 | 0 28 | 2 41 | 1 24 | 21 39 | 5 7 | 23 17 | 23 13 | 7 24 | 15 58 | 4 22 | |
| S 30 | 18 27 | 1n51 | 5 9 | 9 26 | 3 46 | 20 53 | 2 23 | 9 59 | 0 26 | 21 41 | 0 45 | 8 30 | 2 31 | 15 5 | 0 28 | 2 41 | 1 24 | 21 39 | 5 7 | 23 17 | 23 13 | 7 22 | 15 58 | 4 22 | |
| S 31 | 18n13 | 7n32 | 5n 2 | 9n18 | 3s58 | 20n58 | 2s20 | 10s12 | 0s27 | 21n42 | 0s45 | 8n30 | 2s31 | 15n 5 | 0s28 | 2s42 | 1n24 | 21n38 | 5n 7 | 23s17 | 23s13 | 7n19 | 15s58 | 4n22 | |

Julian Day Number = 2612067.5, Delta T = 10m37s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'06, Lahiri = 30°00'07


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## AUGUST 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 38 26 | 9♌ 0'10 | 21♈34 | 25°R 6 | 26♊29 | 25♎53 | 14♊21 | 28♈22 | 12♉25 | 10♎ 6 | 13♌31 | 24°R39 | 23♐11 | 29♌18 | 0♐39 | M 1 |
| T 2 | 20 42 23 | 9°57'30 | 5♉21 | 24♌46 | 27°35 | 26°27 | 14°32 | 28°23 | 12°26 | 10° 8 | 13°32 | 24°D37 | 23° 7 | 29°25 | 0°39 | T 2 |
| W 3 | 20 46 20 | 10°54'50 | 18°44 | 24°21 | 28°42 | 27° 1 | 14°43 | 28°24 | 12°27 | 10° 9 | 13°34 | 24♐37 | 23° 4 | 29°31 | 0°39 | W 3 |
| T 4 | 20 50 16 | 11°52'12 | 1♊43 | 23°52 | 29°49 | 27°35 | 14°54 | 28°24 | 12°27 | 10°10 | 13°36 | 24°39 | 23° 1 | 29°38 | 0°40 | T 4 |
| F 5 | 20 54 13 | 12°49'34 | 14°24 | 23°19 | 0♋56 | 28° 9 | 15° 4 | 28°25 | 12°28 | 10°12 | 13°37 | 24°40 | 22°58 | 29°45 | 0°40 | F 5 |
| S 6 | 20 58 9 | 13°46'57 | 26°49 | 22°43 | 2° 3 | 28°43 | 15°14 | 28°25 | 12°29 | 10°13 | 13°39 | 24°R40 | 22°55 | 29°51 | 0°41 | S 6 |
| S 7 | 21 2 6 | 14°44'22 | 9♋ 2 | 22° 3 | 3°10 | 29°17 | 15°25 | 28°26 | 12°29 | 10°15 | 13°41 | 24°39 | 22°52 | 29°58 | 0°41 | S 7 |
| M 8 | 21 6 2 | 15°41'47 | 21° 7 | 21°20 | 4°18 | 29°52 | 15°35 | 28°26 | 12°30 | 10°16 | 13°43 | 24°36 | 22°48 | 0♍ 5 | 0°42 | M 8 |
| T 9 | 21 9 59 | 16°39'13 | 3♌ 5 | 20°36 | 5°25 | 0♏27 | 15°45 | 28°26 | 12°30 | 10°17 | 13°44 | 24°30 | 22°45 | 0°12 | 0°43 | T 9 |
| W10 | 21 13 55 | 17°36'40 | 14°59 | 19°50 | 6°33 | 1° 2 | 15°55 | 28°R26 | 12°31 | 10°19 | 13°46 | 24°22 | 22°42 | 0°18 | 0°44 | W10 |
| T 11 | 21 17 52 | 18°34'08 | 26°51 | 19° 5 | 7°41 | 1°37 | 16° 5 | 28°26 | 12°31 | 10°20 | 13°48 | 24°13 | 22°39 | 0°25 | 0°45 | T 11 |
| F 12 | 21 21 49 | 19°31'37 | 8♍42 | 18°19 | 8°49 | 2°12 | 16°14 | 28°26 | 12°31 | 10°22 | 13°50 | 24° 2 | 22°36 | 0°32 | 0°46 | F 12 |
| S 13 | 21 25 45 | 20°29'07 | 20°34 | 17°35 | 9°57 | 2°47 | 16°24 | 28°26 | 12°31 | 10°24 | 13°51 | 23°52 | 22°32 | 0°38 | 0°47 | S 13 |
| S 14 | 21 29 42 | 21°26'37 | 2♎29 | 16°53 | 11° 5 | 3°23 | 16°34 | 28°25 | 12°32 | 10°25 | 13°53 | 23°42 | 22°29 | 0°45 | 0°49 | S 14 |
| M15 | 21 33 38 | 22°24'08 | 14°30 | 16°14 | 12°14 | 3°58 | 16°43 | 28°25 | 12°32 | 10°27 | 13°55 | 23°34 | 22°26 | 0°52 | 0°50 | M15 |
| T 16 | 21 37 35 | 23°21'40 | 26°38 | 15°39 | 13°22 | 4°34 | 16°52 | 28°24 | 12°32 | 10°28 | 13°56 | 23°29 | 22°23 | 0°59 | 0°52 | T 16 |
| W17 | 21 41 31 | 24°19'13 | 8♏59 | 15° 8 | 14°31 | 5°10 | 17° 1 | 28°24 | 12°32 | 10°30 | 13°58 | 23°25 | 22°20 | 1° 5 | 0°53 | W17 |
| T 18 | 21 45 28 | 25°16'47 | 21°36 | 14°43 | 15°39 | 5°46 | 17°10 | 28°23 | 12°R32 | 10°32 | 14° 0 | 23°D24 | 22°17 | 1°12 | 0°55 | T 18 |
| F 19 | 21 49 24 | 26°14'22 | 4♐34 | 14°23 | 16°48 | 6°23 | 17°19 | 28°22 | 12°32 | 10°33 | 14° 2 | 23°24 | 22°13 | 1°19 | 0°57 | F 19 |
| S 20 | 21 53 21 | 27°11'57 | 17°55 | 14° 9 | 17°57 | 6°59 | 17°28 | 28°21 | 12°32 | 10°35 | 14° 3 | 23°R25 | 22°10 | 1°25 | 0°59 | S 20 |
| S 21 | 21 57 18 | 28° 9'34 | 1♑44 | 14° 2 | 19° 6 | 7°35 | 17°37 | 28°20 | 12°32 | 10°37 | 14° 5 | 23°25 | 22° 7 | 1°32 | 1° 1 | S 21 |
| M22 | 22 1 14 | 29° 7'11 | 16° 1 | 14°D 2 | 20°15 | 8°12 | 17°45 | 28°19 | 12°32 | 10°39 | 14° 7 | 23°23 | 22° 4 | 1°39 | 1° 3 | M22 |
| T 23 | 22 5 11 | 0♍ 4'49 | 0♒44 | 14° 9 | 21°25 | 8°49 | 17°53 | 28°17 | 12°31 | 10°40 | 14° 8 | 23°19 | 22° 1 | 1°46 | 1° 5 | T 23 |
| W24 | 22 9 7 | 1° 2'29 | 15°49 | 14°23 | 22°34 | 9°26 | 18° 2 | 28°16 | 12°31 | 10°42 | 14°10 | 23°12 | 21°58 | 1°52 | 1° 8 | W24 |
| T 25 | 22 13 4 | 2° 0'09 | 1♓ 7 | 14°45 | 23°44 | 10° 3 | 18°10 | 28°15 | 12°31 | 10°44 | 14°12 | 23° 3 | 21°54 | 1°59 | 1°10 | T 25 |
| F 26 | 22 17 0 | 2°57'51 | 16°26 | 15°14 | 24°53 | 10°40 | 18°18 | 28°13 | 12°30 | 10°46 | 14°13 | 22°53 | 21°51 | 2° 6 | 1°12 | F 26 |
| S 27 | 22 20 57 | 3°55'34 | 1♈36 | 15°51 | 26° 3 | 11°17 | 18°26 | 28°11 | 12°30 | 10°48 | 14°15 | 22°44 | 21°48 | 2°12 | 1°15 | S 27 |
| S 28 | 22 24 53 | 4°53'18 | 16°26 | 16°34 | 27°13 | 11°55 | 18°33 | 28°10 | 12°29 | 10°50 | 14°17 | 22°35 | 21°45 | 2°19 | 1°18 | S 28 |
| M29 | 22 28 50 | 5°51'04 | 0♉51 | 17°25 | 28°23 | 12°32 | 18°41 | 28° 8 | 12°29 | 10°51 | 14°18 | 22°29 | 21°42 | 2°26 | 1°21 | M29 |
| T 30 | 22 32 47 | 6°48'52 | 14°45 | 18°23 | 29°33 | 13°10 | 18°48 | 28° 6 | 12°28 | 10°53 | 14°20 | 22°25 | 21°38 | 2°33 | 1°24 | T 30 |
| W31 | 22 36 43 | 7♍46'42 | 28♉11 | 19♌28 | 0♌43 | 13♏48 | 18♊56 | 28♈ 4 | 12♉28 | 10♎55 | 14♌22 | 22♐23 | 21♐35 | 2♍39 | 1♐27 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n58 | 12n39 | 4n36 | 9n12 | 4s10 | 21n 3 | 2s17 | 10s25 | 0s28 | 21n44 | 0s45 | 8n30 | 2s32 | 15n 5 | 0s28 | 2s42 | 1n24 | 21n38 | 5n 7 | 23s16 | 23s12 | 7n16 | 15s58 | 4n22 |
| T 2 | 17 43 | 16 58 | 3 55 | 9 9 | 4 20 | 21 7 | 2 14 | 10 38 | 0 29 | 21 45 | 0 45 | 8 30 | 2 32 | 15 5 | 0 28 | 2 43 | 1 24 | 21 37 | 5 7 | 23 16 | 23 12 | 7 14 | 15 58 | 4 21 |
| W 3 | 17 27 | 20 16 | 3 2 | 9 8 | 4 30 | 21 11 | 2 11 | 10 51 | 0 30 | 21 46 | 0 45 | 8 30 | 2 32 | 15 5 | 0 28 | 2 44 | 1 24 | 21 37 | 5 7 | 23 16 | 23 12 | 7 11 | 15 59 | 4 21 |
| T 4 | 17 11 | 22 26 | 2 1 | 9 9 | 4 38 | 21 14 | 2 8 | 11 4 | 0 30 | 21 47 | 0 45 | 8 30 | 2 32 | 15 6 | 0 28 | 2 44 | 1 24 | 21 37 | 5 8 | 23 16 | 23 12 | 7 9 | 15 59 | 4 21 |
| F 5 | 16 55 | 23 23 | 0 55 | 9 13 | 4 45 | 21 17 | 2 5 | 11 17 | 0 31 | 21 48 | 0 45 | 8 30 | 2 33 | 15 6 | 0 28 | 2 45 | 1 24 | 21 36 | 5 8 | 23 16 | 23 12 | 7 6 | 15 59 | 4 21 |
| S 6 | 16 39 | 23 9 | 0s12 | 9 19 | 4 51 | 21 20 | 2 2 | 11 30 | 0 32 | 21 49 | 0 45 | 8 30 | 2 33 | 15 6 | 0 28 | 2 45 | 1 24 | 21 36 | 5 8 | 23 16 | 23 12 | 7 3 | 16 0 | 4 21 |
| S 7 | 16 22 | 21 48 | 1 17 | 9 28 | 4 55 | 21 21 | 1 59 | 11 43 | 0 33 | 21 50 | 0 45 | 8 30 | 2 33 | 15 6 | 0 28 | 2 46 | 1 24 | 21 35 | 5 8 | 23 16 | 23 11 | 7 1 | 16 0 | 4 20 |
| M 8 | 16 6 | 19 28 | 2 17 | 9 39 | 4 58 | 21 23 | 1 56 | 11 56 | 0 34 | 21 52 | 0 45 | 8 30 | 2 34 | 15 6 | 0 28 | 2 46 | 1 24 | 21 35 | 5 8 | 23 16 | 23 11 | 6 58 | 16 0 | 4 20 |
| T 9 | 15 48 | 16 19 | 3 11 | 9 51 | 4 59 | 21 23 | 1 53 | 12 9 | 0 35 | 21 53 | 0 45 | 8 30 | 2 34 | 15 6 | 0 28 | 2 47 | 1 24 | 21 34 | 5 8 | 23 16 | 23 11 | 6 55 | 16 1 | 4 20 |
| W10 | 15 31 | 12 32 | 3 56 | 10 6 | 4 58 | 21 24 | 1 50 | 12 22 | 0 36 | 21 54 | 0 45 | 8 30 | 2 34 | 15 7 | 0 28 | 2 48 | 1 24 | 21 34 | 5 8 | 23 16 | 23 11 | 6 53 | 16 1 | 4 20 |
| T 11 | 15 13 | 8 17 | 4 31 | 10 23 | 4 56 | 21 23 | 1 47 | 12 34 | 0 36 | 21 55 | 0 45 | 8 29 | 2 34 | 15 7 | 0 28 | 2 48 | 1 24 | 21 33 | 5 8 | 23 15 | 23 11 | 6 50 | 16 1 | 4 20 |
| F 12 | 14 56 | 3 45 | 4 54 | 10 41 | 4 51 | 21 22 | 1 43 | 12 47 | 0 37 | 21 56 | 0 45 | 8 29 | 2 35 | 15 7 | 0 28 | 2 49 | 1 23 | 21 33 | 5 8 | 23 15 | 23 11 | 6 47 | 16 2 | 4 19 |
| S 13 | 14 38 | 0s56 | 5 4 | 11 0 | 4 45 | 21 21 | 1 40 | 13 0 | 0 38 | 21 56 | 0 45 | 8 29 | 2 35 | 15 7 | 0 28 | 2 50 | 1 23 | 21 33 | 5 8 | 23 14 | 23 10 | 6 45 | 16 2 | 4 19 |
| S 14 | 14 19 | 5 35 | 5 1 | 11 20 | 4 37 | 21 19 | 1 37 | 13 13 | 0 39 | 21 57 | 0 45 | 8 28 | 2 35 | 15 7 | 0 28 | 2 50 | 1 23 | 21 32 | 5 8 | 23 14 | 23 10 | 6 42 | 16 3 | 4 19 |
| M15 | 14 1 | 10 4 | 4 45 | 11 41 | 4 27 | 21 16 | 1 33 | 13 26 | 0 40 | 21 58 | 0 45 | 8 28 | 2 35 | 15 7 | 0 28 | 2 51 | 1 23 | 21 32 | 5 8 | 23 14 | 23 10 | 6 40 | 16 3 | 4 19 |
| T 16 | 13 42 | 14 13 | 4 15 | 12 2 | 4 16 | 21 13 | 1 30 | 13 39 | 0 40 | 21 59 | 0 45 | 8 27 | 2 36 | 15 7 | 0 28 | 2 51 | 1 23 | 21 31 | 5 8 | 23 13 | 23 10 | 6 37 | 16 4 | 4 18 |
| W17 | 13 23 | 17 50 | 3 34 | 12 23 | 4 3 | 21 10 | 1 26 | 13 52 | 0 41 | 22 0 | 0 45 | 8 27 | 2 36 | 15 7 | 0 28 | 2 52 | 1 23 | 21 31 | 5 9 | 23 13 | 23 10 | 6 34 | 16 4 | 4 18 |
| T 18 | 13 4 | 20 43 | 2 41 | 12 43 | 3 49 | 21 6 | 1 23 | 14 4 | 0 42 | 22 1 | 0 45 | 8 26 | 2 36 | 15 7 | 0 28 | 2 53 | 1 23 | 21 30 | 5 9 | 23 13 | 23 9 | 6 32 | 16 5 | 4 18 |
| F 19 | 12 44 | 22 37 | 1 39 | 13 3 | 3 34 | 21 1 | 1 19 | 14 17 | 0 43 | 22 2 | 0 45 | 8 26 | 2 36 | 15 7 | 0 28 | 2 53 | 1 23 | 21 30 | 5 9 | 23 13 | 23 9 | 6 29 | 16 6 | 4 18 |
| S 20 | 12 25 | 23 19 | 0 29 | 13 22 | 3 19 | 20 56 | 1 16 | 14 30 | 0 43 | 22 2 | 0 45 | 8 25 | 2 37 | 15 7 | 0 28 | 2 54 | 1 23 | 21 30 | 5 9 | 23 13 | 23 9 | 6 26 | 16 6 | 4 18 |
| S 21 | 12 5 | 22 38 | 0n44 | 13 40 | 3 2 | 20 50 | 1 12 | 14 42 | 0 44 | 22 3 | 0 45 | 8 25 | 2 37 | 15 7 | 0 28 | 2 55 | 1 23 | 21 29 | 5 9 | 23 13 | 23 9 | 6 24 | 16 7 | 4 17 |
| M22 | 11 45 | 20 29 | 1 57 | 13 56 | 2 45 | 20 43 | 1 9 | 14 55 | 0 45 | 22 4 | 0 45 | 8 24 | 2 37 | 15 7 | 0 28 | 2 56 | 1 23 | 21 29 | 5 9 | 23 13 | 23 9 | 6 21 | 16 7 | 4 17 |
| T 23 | 11 25 | 16 56 | 3 5 | 14 11 | 2 28 | 20 36 | 1 5 | 15 7 | 0 45 | 22 5 | 0 45 | 8 23 | 2 37 | 15 7 | 0 28 | 2 56 | 1 23 | 21 28 | 5 9 | 23 13 | 23 9 | 6 18 | 16 8 | 4 17 |
| W24 | 11 5 | 12 13 | 4 1 | 14 24 | 2 10 | 20 29 | 1 2 | 15 20 | 0 46 | 22 5 | 0 45 | 8 22 | 2 38 | 15 6 | 0 28 | 2 57 | 1 23 | 21 28 | 5 9 | 23 12 | 23 8 | 6 16 | 16 9 | 4 17 |
| T 25 | 10 44 | 6 41 | 4 40 | 14 34 | 1 53 | 20 21 | 0 58 | 15 32 | 0 47 | 22 6 | 0 45 | 8 22 | 2 38 | 15 6 | 0 28 | 2 58 | 1 23 | 21 28 | 5 9 | 23 12 | 23 8 | 6 13 | 16 9 | 4 16 |
| F 26 | 10 24 | 0 44 | 5 0 | 14 43 | 1 35 | 20 12 | 0 55 | 15 44 | 0 48 | 22 7 | 0 46 | 8 21 | 2 38 | 15 6 | 0 28 | 2 58 | 1 23 | 21 27 | 5 9 | 23 11 | 23 8 | 6 10 | 16 10 | 4 16 |
| S 27 | 10 3 | 5n12 | 4 58 | 14 49 | 1 18 | 20 3 | 0 51 | 15 57 | 0 48 | 22 7 | 0 46 | 8 20 | 2 38 | 15 6 | 0 28 | 2 59 | 1 23 | 21 27 | 5 10 | 23 11 | 23 8 | 6 8 | 16 11 | 4 16 |
| S 28 | 9 42 | 10 42 | 4 37 | 14 52 | 1 1 | 19 53 | 0 48 | 16 9 | 0 49 | 22 8 | 0 46 | 8 19 | 2 39 | 15 6 | 0 28 | 3 0 | 1 23 | 21 27 | 5 10 | 23 10 | 23 8 | 6 5 | 16 12 | 4 16 |
| M29 | 9 21 | 15 27 | 3 58 | 14 52 | 0 44 | 19 43 | 0 44 | 16 21 | 0 50 | 22 9 | 0 46 | 8 18 | 2 39 | 15 6 | 0 28 | 3 1 | 1 23 | 21 26 | 5 10 | 23 10 | 23 7 | 6 3 | 16 12 | 4 16 |
| T 30 | 8 59 | 19 11 | 3 5 | 14 50 | 0 28 | 19 32 | 0 41 | 16 33 | 0 50 | 22 9 | 0 46 | 8 17 | 2 39 | 15 6 | 0 28 | 3 1 | 1 23 | 21 26 | 5 10 | 23 10 | 23 7 | 6 0 | 16 13 | 4 15 |
| W31 | 8n38 | 21n44 | 2n 5 | 14n45 | 0s13 | 19n21 | 0s37 | 16s45 | 0s51 | 22n10 | 0s46 | 8n16 | 2s39 | 15n 5 | 0s28 | 3s 2 | 1n23 | 21n25 | 5n10 | 23s10 | 23s 7 | 5n57 | 16s14 | 4n15 |

Julian Day Number = 2612098.5, Delta T = 10m37s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'11, Lahiri = 30°00'11


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## SEPTEMBER 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 40 40 | 8♍44'33 | 11♊10 | 20♌38 | 1♌53 | 14♏26 | 19♊ 3 | 28°R 1 | 12°R27 | 10♎57 | 14♌23 | 22°D23 | 21♐32 | 2♍46 | 1♐30 | T 1 |
| F 2 | 22 44 36 | 9°42'26 | 23°47 | 21°55 | 3° 4 | 15° 4 | 19°10 | 27♈59 | 12♉26 | 10°59 | 14°25 | 22°R23 | 21°29 | 2°53 | 1°33 | F 2 |
| S 3 | 22 48 33 | 10°40'21 | 6♋ 7 | 23°18 | 4°14 | 15°42 | 19°16 | 27°57 | 12°26 | 11° 1 | 14°26 | 22♐22 | 21°26 | 2°59 | 1°36 | S 3 |
| S 4 | 22 52 29 | 11°38'17 | 18°13 | 24°45 | 5°25 | 16°20 | 19°23 | 27°54 | 12°25 | 11° 3 | 14°28 | 22°20 | 21°23 | 3° 6 | 1°40 | S 4 |
| M 5 | 22 56 26 | 12°36'15 | 0♌11 | 26°18 | 6°36 | 16°59 | 19°30 | 27°52 | 12°24 | 11° 5 | 14°30 | 22°15 | 21°19 | 3°13 | 1°43 | M 5 |
| T 6 | 23 0 22 | 13°34'15 | 12° 4 | 27°55 | 7°46 | 17°37 | 19°36 | 27°49 | 12°23 | 11° 7 | 14°31 | 22° 7 | 21°16 | 3°20 | 1°47 | T 6 |
| W 7 | 23 4 19 | 14°32'17 | 23°54 | 29°36 | 8°57 | 18°16 | 19°42 | 27°47 | 12°22 | 11° 9 | 14°33 | 21°57 | 21°13 | 3°26 | 1°50 | W 7 |
| T 8 | 23 8 16 | 15°30'20 | 5♍45 | 1♍20 | 10° 8 | 18°55 | 19°48 | 27°44 | 12°21 | 11°11 | 14°34 | 21°44 | 21°10 | 3°33 | 1°54 | T 8 |
| F 9 | 23 12 12 | 16°28'25 | 17°39 | 3° 6 | 11°19 | 19°34 | 19°54 | 27°41 | 12°20 | 11°13 | 14°36 | 21°30 | 21° 7 | 3°40 | 1°58 | F 9 |
| S 10 | 23 16 9 | 17°26'31 | 29°35 | 4°56 | 12°30 | 20°13 | 20° 0 | 27°38 | 12°19 | 11°15 | 14°37 | 21°16 | 21° 4 | 3°46 | 2° 2 | S 10 |
| S 11 | 23 20 5 | 18°24'39 | 11♎36 | 6°47 | 13°42 | 20°52 | 20° 5 | 27°35 | 12°18 | 11°17 | 14°39 | 21° 3 | 21° 0 | 3°53 | 2° 6 | S 11 |
| M12 | 23 24 2 | 19°22'49 | 23°43 | 8°40 | 14°53 | 21°31 | 20°11 | 27°32 | 12°17 | 11°19 | 14°40 | 20°52 | 20°57 | 4° 0 | 2°10 | M12 |
| T 13 | 23 27 58 | 20°21'00 | 5♏59 | 10°34 | 16° 4 | 22°10 | 20°16 | 27°29 | 12°16 | 11°22 | 14°42 | 20°43 | 20°54 | 4° 7 | 2°14 | T 13 |
| W14 | 23 31 55 | 21°19'13 | 18°24 | 12°29 | 17°16 | 22°50 | 20°21 | 27°25 | 12°14 | 11°24 | 14°43 | 20°38 | 20°51 | 4°13 | 2°18 | W14 |
| T 15 | 23 35 51 | 22°17'27 | 1♐ 3 | 14°24 | 18°27 | 23°30 | 20°26 | 27°22 | 12°13 | 11°26 | 14°45 | 20°35 | 20°48 | 4°20 | 2°23 | T 15 |
| F 16 | 23 39 48 | 23°15'43 | 13°59 | 16°19 | 19°39 | 24° 9 | 20°30 | 27°19 | 12°12 | 11°28 | 14°46 | 20°34 | 20°44 | 4°27 | 2°27 | F 16 |
| S 17 | 23 43 44 | 24°14'00 | 27°16 | 18°15 | 20°51 | 24°49 | 20°35 | 27°15 | 12°10 | 11°30 | 14°47 | 20°34 | 20°41 | 4°33 | 2°32 | S 17 |
| S 18 | 23 47 41 | 25°12'19 | 10♑55 | 20°10 | 22° 2 | 25°29 | 20°39 | 27°11 | 12° 9 | 11°32 | 14°49 | 20°34 | 20°38 | 4°40 | 2°36 | S 18 |
| M19 | 23 51 38 | 26°10'39 | 25° 1 | 22° 5 | 23°14 | 26° 9 | 20°44 | 27° 8 | 12° 7 | 11°34 | 14°50 | 20°32 | 20°35 | 4°47 | 2°41 | M19 |
| T 20 | 23 55 34 | 27° 9'01 | 9♒31 | 23°59 | 24°26 | 26°49 | 20°47 | 27° 4 | 12° 6 | 11°37 | 14°52 | 20°27 | 20°32 | 4°54 | 2°46 | T 20 |
| W21 | 23 59 31 | 28° 7'24 | 24°24 | 25°53 | 25°38 | 27°29 | 20°51 | 27° 0 | 12° 4 | 11°39 | 14°53 | 20°20 | 20°29 | 5° 0 | 2°51 | W21 |
| T 22 | 0 3 27 | 29° 5'49 | 9♓32 | 27°45 | 26°50 | 28°10 | 20°55 | 26°57 | 12° 3 | 11°41 | 14°54 | 20°10 | 20°25 | 5° 7 | 2°55 | T 22 |
| F 23 | 0 7 24 | 0♎ 4'15 | 24°46 | 29°37 | 28° 3 | 28°50 | 20°58 | 26°53 | 12° 1 | 11°43 | 14°56 | 20° 0 | 20°22 | 5°14 | 3° 0 | F 23 |
| S 24 | 0 11 20 | 1° 2'43 | 9♈54 | 1♎28 | 29°15 | 29°31 | 21° 2 | 26°49 | 12° 0 | 11°45 | 14°57 | 19°49 | 20°19 | 5°20 | 3° 5 | S 24 |
| S 25 | 0 15 17 | 2° 1'14 | 24°48 | 3°19 | 0♍27 | 0♐11 | 21° 5 | 26°45 | 11°58 | 11°47 | 14°58 | 19°39 | 20°16 | 5°27 | 3°11 | S 25 |
| M26 | 0 19 13 | 2°59'46 | 9♉17 | 5° 8 | 1°40 | 0°52 | 21° 8 | 26°41 | 11°56 | 11°50 | 14°59 | 19°32 | 20°13 | 5°34 | 3°16 | M26 |
| T 27 | 0 23 10 | 3°58'20 | 23°19 | 6°56 | 2°52 | 1°33 | 21°10 | 26°36 | 11°54 | 11°52 | 15° 1 | 19°27 | 20° 9 | 5°41 | 3°21 | T 27 |
| W28 | 0 27 7 | 4°56'57 | 6♊50 | 8°43 | 4° 5 | 2°14 | 21°13 | 26°32 | 11°53 | 11°54 | 15° 2 | 19°25 | 20° 6 | 5°47 | 3°26 | W28 |
| T 29 | 0 31 3 | 5°55'36 | 19°54 | 10°29 | 5°17 | 2°55 | 21°15 | 26°28 | 11°51 | 11°56 | 15° 3 | 19°D24 | 20° 3 | 5°54 | 3°32 | T 29 |
| F 30 | 0 35 0 | 6♎54'17 | 2♋34 | 12♎15 | 6♍30 | 3♐36 | 21♊17 | 26♈24 | 11♉49 | 11♎59 | 15♌ 4 | 19°R25 | 20♐ 0 | 6♍ 1 | 3♐37 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n16 | 23n 2 | 0n59 | 14n36 | 0n 2 | 19n 9 | 0s34 | 16s57 | 0s52 | 22n10 | 0s46 | 8n16 | 2s40 | 15n 5 | 0s28 | 3s 3 | 1n23 | 21n25 | 5n10 | 23s10 | 23s 7 | 5n55 | 16s15 | 4n15 |
| F 2 | 7 55 | 23 7 | 0s 7 | 14 25 | 0 15 | 18 56 | 0 30 | 17 9 | 0 52 | 22 11 | 0 46 | 8 15 | 2 40 | 15 5 | 0 28 | 3 4 | 1 23 | 21 25 | 5 10 | 23 10 | 23 7 | 5 52 | 16 16 | 4 15 |
| S 3 | 7 33 | 22 2 | 1 12 | 14 10 | 0 28 | 18 43 | 0 27 | 17 21 | 0 53 | 22 11 | 0 46 | 8 13 | 2 40 | 15 5 | 0 28 | 3 5 | 1 23 | 21 24 | 5 10 | 23 10 | 23 6 | 5 49 | 16 17 | 4 15 |
| S 4 | 7 11 | 19 58 | 2 12 | 13 52 | 0 40 | 18 30 | 0 23 | 17 32 | 0 53 | 22 12 | 0 46 | 8 12 | 2 40 | 15 4 | 0 28 | 3 5 | 1 23 | 21 24 | 5 11 | 23 10 | 23 6 | 5 47 | 16 17 | 4 14 |
| M 5 | 6 49 | 17 2 | 3 6 | 13 31 | 0 51 | 18 16 | 0 20 | 17 44 | 0 54 | 22 12 | 0 46 | 8 11 | 2 41 | 15 4 | 0 28 | 3 6 | 1 23 | 21 24 | 5 11 | 23 9 | 23 6 | 5 44 | 16 18 | 4 14 |
| T 6 | 6 27 | 13 27 | 3 50 | 13 8 | 1 1 | 18 1 | 0 16 | 17 55 | 0 55 | 22 13 | 0 46 | 8 10 | 2 41 | 15 4 | 0 29 | 3 7 | 1 23 | 21 23 | 5 11 | 23 9 | 23 6 | 5 41 | 16 19 | 4 14 |
| W 7 | 6 4 | 9 21 | 4 25 | 12 41 | 1 10 | 17 46 | 0 13 | 18 7 | 0 55 | 22 13 | 0 46 | 8 9 | 2 41 | 15 4 | 0 29 | 3 8 | 1 23 | 21 23 | 5 11 | 23 8 | 23 6 | 5 39 | 16 20 | 4 14 |
| T 8 | 5 42 | 4 54 | 4 48 | 12 12 | 1 18 | 17 31 | 0 10 | 18 18 | 0 56 | 22 14 | 0 46 | 8 8 | 2 41 | 15 3 | 0 29 | 3 9 | 1 23 | 21 23 | 5 11 | 23 7 | 23 5 | 5 36 | 16 21 | 4 14 |
| F 9 | 5 20 | 0 17 | 4 59 | 11 40 | 1 25 | 17 14 | 0 6 | 18 29 | 0 56 | 22 14 | 0 46 | 8 7 | 2 41 | 15 3 | 0 29 | 3 9 | 1 23 | 21 22 | 5 11 | 23 7 | 23 5 | 5 34 | 16 22 | 4 13 |
| S 10 | 4 57 | 4s22 | 4 56 | 11 6 | 1 31 | 16 58 | 0 3 | 18 40 | 0 57 | 22 14 | 0 46 | 8 5 | 2 42 | 15 3 | 0 29 | 3 10 | 1 23 | 21 22 | 5 11 | 23 6 | 23 5 | 5 31 | 16 23 | 4 13 |
| S 11 | 4 34 | 8 53 | 4 41 | 10 29 | 1 36 | 16 41 | 0n 0 | 18 51 | 0 57 | 22 15 | 0 46 | 8 4 | 2 42 | 15 2 | 0 29 | 3 11 | 1 23 | 21 22 | 5 12 | 23 5 | 23 5 | 5 28 | 16 24 | 4 13 |
| M12 | 4 12 | 13 6 | 4 12 | 9 51 | 1 40 | 16 23 | 0 4 | 19 2 | 0 58 | 22 15 | 0 46 | 8 3 | 2 42 | 15 2 | 0 29 | 3 12 | 1 23 | 21 21 | 5 12 | 23 4 | 23 4 | 5 26 | 16 25 | 4 13 |
| T 13 | 3 49 | 16 49 | 3 32 | 9 11 | 1 43 | 16 5 | 0 7 | 19 13 | 0 59 | 22 15 | 0 46 | 8 1 | 2 42 | 15 1 | 0 29 | 3 13 | 1 23 | 21 21 | 5 12 | 23 3 | 23 4 | 5 23 | 16 26 | 4 13 |
| W14 | 3 26 | 19 51 | 2 41 | 8 29 | 1 46 | 15 47 | 0 10 | 19 23 | 0 59 | 22 16 | 0 46 | 8 0 | 2 42 | 15 1 | 0 29 | 3 14 | 1 23 | 21 21 | 5 12 | 23 3 | 23 4 | 5 20 | 16 27 | 4 12 |
| T 15 | 3 3 | 21 58 | 1 41 | 7 46 | 1 47 | 15 28 | 0 13 | 19 34 | 1 0 | 22 16 | 0 46 | 7 59 | 2 43 | 15 1 | 0 29 | 3 14 | 1 23 | 21 21 | 5 12 | 23 3 | 23 4 | 5 18 | 16 28 | 4 12 |
| F 16 | 2 40 | 23 0 | 0 35 | 7 2 | 1 48 | 15 9 | 0 16 | 19 44 | 1 0 | 22 16 | 0 46 | 7 57 | 2 43 | 15 0 | 0 29 | 3 15 | 1 23 | 21 20 | 5 12 | 23 3 | 23 4 | 5 15 | 16 29 | 4 12 |
| S 17 | 2 17 | 22 46 | 0n35 | 6 17 | 1 48 | 14 49 | 0 19 | 19 54 | 1 1 | 22 16 | 0 47 | 7 56 | 2 43 | 15 0 | 0 29 | 3 16 | 1 23 | 21 20 | 5 12 | 23 3 | 23 3 | 5 12 | 16 30 | 4 12 |
| S 18 | 1 54 | 21 11 | 1 45 | 5 31 | 1 47 | 14 29 | 0 22 | 20 5 | 1 1 | 22 17 | 0 47 | 7 55 | 2 43 | 14 59 | 0 29 | 3 17 | 1 23 | 21 20 | 5 13 | 23 3 | 23 3 | 5 10 | 16 31 | 4 12 |
| M19 | 1 31 | 18 16 | 2 51 | 4 45 | 1 45 | 14 8 | 0 25 | 20 15 | 1 2 | 22 17 | 0 47 | 7 53 | 2 43 | 14 59 | 0 29 | 3 18 | 1 23 | 21 19 | 5 13 | 23 3 | 23 3 | 5 7 | 16 32 | 4 11 |
| T 20 | 1 8 | 14 10 | 3 48 | 3 58 | 1 43 | 13 47 | 0 28 | 20 24 | 1 2 | 22 17 | 0 47 | 7 52 | 2 43 | 14 58 | 0 29 | 3 19 | 1 23 | 21 19 | 5 13 | 23 2 | 23 3 | 5 5 | 16 33 | 4 11 |
| W21 | 0 45 | 9 6 | 4 31 | 3 11 | 1 41 | 13 26 | 0 31 | 20 34 | 1 3 | 22 17 | 0 47 | 7 50 | 2 44 | 14 58 | 0 29 | 3 19 | 1 23 | 21 19 | 5 13 | 23 2 | 23 2 | 5 2 | 16 34 | 4 11 |
| T 22 | 0 22 | 3 25 | 4 56 | 2 23 | 1 38 | 13 4 | 0 34 | 20 44 | 1 3 | 22 18 | 0 47 | 7 49 | 2 44 | 14 58 | 0 29 | 3 20 | 1 23 | 21 19 | 5 13 | 23 1 | 23 2 | 4 59 | 16 35 | 4 11 |
| F 23 | 0s 2 | 2n31 | 5 0 | 1 35 | 1 34 | 12 42 | 0 37 | 20 53 | 1 4 | 22 18 | 0 47 | 7 47 | 2 44 | 14 57 | 0 29 | 3 21 | 1 23 | 21 19 | 5 13 | 23 0 | 23 2 | 4 57 | 16 36 | 4 11 |
| S 24 | 0 25 | 8 15 | 4 43 | 0 48 | 1 30 | 12 20 | 0 40 | 21 2 | 1 4 | 22 18 | 0 47 | 7 46 | 2 44 | 14 56 | 0 29 | 3 22 | 1 23 | 21 18 | 5 14 | 23 0 | 23 2 | 4 54 | 16 37 | 4 11 |
| S 25 | 0 48 | 13 24 | 4 7 | 0s 0 | 1 26 | 11 57 | 0 42 | 21 11 | 1 4 | 22 18 | 0 47 | 7 44 | 2 44 | 14 56 | 0 29 | 3 23 | 1 23 | 21 18 | 5 14 | 22 59 | 23 2 | 4 51 | 16 38 | 4 11 |
| M26 | 1 11 | 17 38 | 3 15 | 0 48 | 1 21 | 11 33 | 0 45 | 21 20 | 1 5 | 22 18 | 0 47 | 7 42 | 2 44 | 14 55 | 0 29 | 3 24 | 1 23 | 21 18 | 5 14 | 22 58 | 23 1 | 4 49 | 16 40 | 4 10 |
| T 27 | 1 35 | 20 43 | 2 14 | 1 35 | 1 16 | 11 10 | 0 47 | 21 29 | 1 5 | 22 18 | 0 47 | 7 41 | 2 44 | 14 55 | 0 29 | 3 25 | 1 23 | 21 18 | 5 14 | 22 58 | 23 1 | 4 46 | 16 41 | 4 10 |
| W28 | 1 58 | 22 29 | 1 6 | 2 22 | 1 11 | 10 46 | 0 50 | 21 38 | 1 6 | 22 19 | 0 47 | 7 39 | 2 45 | 14 54 | 0 29 | 3 25 | 1 23 | 21 17 | 5 14 | 22 58 | 23 1 | 4 43 | 16 42 | 4 10 |
| T 29 | 2 21 | 22 57 | 0s 3 | 3 9 | 1 5 | 10 22 | 0 52 | 21 46 | 1 6 | 22 19 | 0 47 | 7 38 | 2 45 | 14 54 | 0 29 | 3 26 | 1 23 | 21 17 | 5 14 | 22 58 | 23 1 | 4 41 | 16 43 | 4 10 |
| F 30 | 2s44 | 22n12 | 1s 9 | 3s55 | 0n59 | 9n57 | 0n55 | 21s55 | 1s 7 | 22n19 | 0s47 | 7n36 | 2s45 | 14n53 | 0s29 | 3s27 | 1n23 | 21n17 | 5n15 | 22s58 | 23s 0 | 4n38 | 16s44 | 4n10 |

Julian Day Number = 2612129.5, Delta T = 10m37s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'15, Lahiri = 30°00'15


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## OCTOBER 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 38 56 | 7♎53'00 | 14♋54 | 13♎59 | 7♍43 | 4♐17 | 21♊19 | 26°R19 | 11°R47 | 12♎ 1 | 15♌ 5 | 19°R24 | 19♐57 | 6♍ 8 | 3♐43 | S 1 |
| S 2 | 0 42 53 | 8°51'46 | 27° 0 | 15°42 | 8°56 | 4°59 | 21°21 | 26♈15 | 11♉45 | 12° 3 | 15° 7 | 19♐23 | 19°54 | 6°14 | 3°49 | S 2 |
| M 3 | 0 46 49 | 9°50'33 | 8♌56 | 17°25 | 10° 9 | 5°40 | 21°22 | 26°11 | 11°43 | 12° 5 | 15° 8 | 19°19 | 19°50 | 6°21 | 3°54 | M 3 |
| T 4 | 0 50 46 | 10°49'23 | 20°47 | 19° 6 | 11°22 | 6°22 | 21°24 | 26° 6 | 11°41 | 12° 7 | 15° 9 | 19°13 | 19°47 | 6°28 | 4° 0 | T 4 |
| W 5 | 0 54 42 | 11°48'15 | 2♍38 | 20°46 | 12°35 | 7° 3 | 21°25 | 26° 2 | 11°39 | 12°10 | 15°10 | 19° 4 | 19°44 | 6°34 | 4° 6 | W 5 |
| T 6 | 0 58 39 | 12°47'09 | 14°31 | 22°26 | 13°48 | 7°45 | 21°26 | 25°57 | 11°37 | 12°12 | 15°11 | 18°53 | 19°41 | 6°41 | 4°12 | T 6 |
| F 7 | 1 2 36 | 13°46'05 | 26°28 | 24° 5 | 15° 1 | 8°27 | 21°26 | 25°53 | 11°35 | 12°14 | 15°12 | 18°40 | 19°38 | 6°48 | 4°18 | F 7 |
| S 8 | 1 6 32 | 14°45'03 | 8♎32 | 25°42 | 16°14 | 9° 9 | 21°27 | 25°48 | 11°33 | 12°16 | 15°13 | 18°28 | 19°35 | 6°55 | 4°24 | S 8 |
| S 9 | 1 10 29 | 15°44'03 | 20°43 | 27°19 | 17°28 | 9°51 | 21°27 | 25°43 | 11°31 | 12°19 | 15°14 | 18°17 | 19°31 | 7° 1 | 4°30 | S 9 |
| M10 | 1 14 25 | 16°43'05 | 3♏ 2 | 28°55 | 18°41 | 10°33 | 21°R27 | 25°39 | 11°29 | 12°21 | 15°15 | 18° 7 | 19°28 | 7° 8 | 4°36 | M10 |
| T 11 | 1 18 22 | 17°42'10 | 15°31 | 0♏31 | 19°55 | 11°15 | 21°27 | 25°34 | 11°26 | 12°23 | 15°16 | 18° 0 | 19°25 | 7°15 | 4°42 | T 11 |
| W12 | 1 22 18 | 18°41'16 | 28° 9 | 2° 5 | 21° 8 | 11°57 | 21°27 | 25°29 | 11°24 | 12°25 | 15°17 | 17°56 | 19°22 | 7°21 | 4°48 | W12 |
| T 13 | 1 26 15 | 19°40'24 | 11♐ 0 | 3°39 | 22°22 | 12°40 | 21°26 | 25°25 | 11°22 | 12°27 | 15°18 | 17°54 | 19°19 | 7°28 | 4°55 | T 13 |
| F 14 | 1 30 11 | 20°39'34 | 24° 4 | 5°12 | 23°35 | 13°22 | 21°26 | 25°20 | 11°20 | 12°30 | 15°19 | 17°D54 | 19°15 | 7°35 | 5° 1 | F 14 |
| S 15 | 1 34 8 | 21°38'45 | 7♑23 | 6°44 | 24°49 | 14° 5 | 21°25 | 25°15 | 11°18 | 12°32 | 15°19 | 17°54 | 19°12 | 7°42 | 5° 7 | S 15 |
| S 16 | 1 38 5 | 22°37'59 | 21° 0 | 8°15 | 26° 3 | 14°47 | 21°24 | 25°11 | 11°15 | 12°34 | 15°20 | 17°R55 | 19° 9 | 7°48 | 5°14 | S 16 |
| M17 | 1 42 1 | 23°37'14 | 4♒57 | 9°46 | 27°16 | 15°30 | 21°23 | 25° 6 | 11°13 | 12°36 | 15°21 | 17°54 | 19° 6 | 7°55 | 5°20 | M17 |
| T 18 | 1 45 58 | 24°36'30 | 19°12 | 11°15 | 28°30 | 16°13 | 21°21 | 25° 1 | 11°11 | 12°38 | 15°22 | 17°52 | 19° 3 | 8° 2 | 5°27 | T 18 |
| W19 | 1 49 54 | 25°35'48 | 3♓46 | 12°44 | 29°44 | 16°56 | 21°19 | 24°56 | 11° 8 | 12°41 | 15°23 | 17°47 | 19° 0 | 8° 8 | 5°33 | W19 |
| T 20 | 1 53 51 | 26°35'09 | 18°32 | 14°13 | 0♎58 | 17°39 | 21°17 | 24°52 | 11° 6 | 12°43 | 15°23 | 17°41 | 18°56 | 8°15 | 5°40 | T 20 |
| F 21 | 1 57 47 | 27°34'30 | 3♈25 | 15°40 | 2°12 | 18°22 | 21°15 | 24°47 | 11° 4 | 12°45 | 15°24 | 17°33 | 18°53 | 8°22 | 5°47 | F 21 |
| S 22 | 2 1 44 | 28°33'54 | 18°15 | 17° 7 | 3°26 | 19° 5 | 21°13 | 24°42 | 11° 1 | 12°47 | 15°25 | 17°25 | 18°50 | 8°29 | 5°54 | S 22 |
| S 23 | 2 5 40 | 29°33'20 | 2♉56 | 18°33 | 4°40 | 19°48 | 21°11 | 24°38 | 10°59 | 12°49 | 15°25 | 17°18 | 18°47 | 8°35 | 6° 0 | S 23 |
| M24 | 2 9 37 | 0♏32'48 | 17°18 | 19°58 | 5°54 | 20°32 | 21° 8 | 24°33 | 10°56 | 12°51 | 15°26 | 17°13 | 18°44 | 8°42 | 6° 7 | M24 |
| T 25 | 2 13 33 | 1°32'18 | 1♊17 | 21°22 | 7° 8 | 21°15 | 21° 5 | 24°28 | 10°54 | 12°54 | 15°27 | 17°10 | 18°41 | 8°49 | 6°14 | T 25 |
| W26 | 2 17 30 | 2°31'50 | 14°51 | 22°45 | 8°22 | 21°59 | 21° 2 | 24°24 | 10°52 | 12°56 | 15°27 | 17°D 9 | 18°37 | 8°56 | 6°21 | W26 |
| T 27 | 2 21 27 | 3°31'24 | 27°58 | 24° 7 | 9°37 | 22°42 | 20°59 | 24°19 | 10°49 | 12°58 | 15°28 | 17° 9 | 18°34 | 9° 2 | 6°28 | T 27 |
| F 28 | 2 25 23 | 4°31'01 | 10♋42 | 25°29 | 10°51 | 23°26 | 20°55 | 24°14 | 10°47 | 13° 0 | 15°28 | 17°10 | 18°31 | 9° 9 | 6°35 | F 28 |
| S 29 | 2 29 20 | 5°30'39 | 23° 6 | 26°49 | 12° 5 | 24° 9 | 20°52 | 24°10 | 10°44 | 13° 2 | 15°29 | 17°12 | 18°28 | 9°16 | 6°42 | S 29 |
| S 30 | 2 33 16 | 6°30'20 | 5♌14 | 28° 9 | 13°20 | 24°53 | 20°48 | 24° 5 | 10°42 | 13° 4 | 15°29 | 17°R13 | 18°25 | 9°22 | 6°49 | S 30 |
| M31 | 2 37 13 | 7♏30'04 | 17♌12 | 29♏27 | 14♎34 | 25♐37 | 20♊44 | 24♈ 1 | 10♉39 | 13♎ 6 | 15♌30 | 17♐12 | 18♐21 | 9♍29 | 6♐56 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 3s 7 | 20n23 | 2s11 | 4s41 | 0n53 | 9n32 | 0n57 | 22s 3 | 1s 7 | 22n19 | 0s47 | 7n34 | 2s45 | 14n53 | 0s29 | 3s28 | 1n23 | 21n17 | 5n15 | 22s58 | 23s 0 | 4n36 | 16s45 | 4n10 | S 1 |
| S 2 | 3 30 | 17 40 | 3 5 | 5 27 | 0 47 | 9 7 | 0 59 | 22 11 | 1 7 | 22 19 | 0 47 | 7 33 | 2 45 | 14 52 | 0 29 | 3 29 | 1 23 | 21 17 | 5 15 | 22 57 | 23 0 | 4 33 | 16 46 | 4 10 | S 2 |
| M 3 | 3 53 | 14 16 | 3 51 | 6 12 | 0 40 | 8 42 | 1 2 | 22 19 | 1 8 | 22 19 | 0 47 | 7 31 | 2 45 | 14 51 | 0 29 | 3 30 | 1 23 | 21 17 | 5 15 | 22 57 | 23 0 | 4 30 | 16 48 | 4 9 | M 3 |
| T 4 | 4 16 | 10 19 | 4 26 | 6 56 | 0 34 | 8 16 | 1 4 | 22 26 | 1 8 | 22 19 | 0 47 | 7 29 | 2 45 | 14 51 | 0 29 | 3 31 | 1 23 | 21 16 | 5 15 | 22 57 | 22 59 | 4 28 | 16 49 | 4 9 | T 4 |
| W 5 | 4 39 | 6 0 | 4 50 | 7 40 | 0 27 | 7 50 | 1 6 | 22 34 | 1 9 | 22 19 | 0 47 | 7 28 | 2 45 | 14 50 | 0 29 | 3 31 | 1 23 | 21 16 | 5 16 | 22 56 | 22 59 | 4 25 | 16 50 | 4 9 | W 5 |
| T 6 | 5 2 | 1 27 | 5 1 | 8 24 | 0 20 | 7 24 | 1 8 | 22 41 | 1 9 | 22 19 | 0 47 | 7 26 | 2 45 | 14 50 | 0 29 | 3 32 | 1 23 | 21 16 | 5 16 | 22 55 | 22 59 | 4 22 | 16 51 | 4 9 | T 6 |
| F 7 | 5 25 | 3s11 | 4 59 | 9 7 | 0 13 | 6 58 | 1 10 | 22 48 | 1 9 | 22 19 | 0 47 | 7 24 | 2 45 | 14 49 | 0 29 | 3 33 | 1 23 | 21 16 | 5 16 | 22 54 | 22 59 | 4 20 | 16 52 | 4 9 | F 7 |
| S 8 | 5 48 | 7 44 | 4 44 | 9 49 | 0 6 | 6 31 | 1 12 | 22 55 | 1 10 | 22 19 | 0 47 | 7 22 | 2 46 | 14 48 | 0 29 | 3 34 | 1 23 | 21 16 | 5 16 | 22 53 | 22 58 | 4 17 | 16 53 | 4 9 | S 8 |
| S 9 | 6 11 | 12 1 | 4 16 | 10 30 | 0s 1 | 6 4 | 1 14 | 23 2 | 1 10 | 22 19 | 0 48 | 7 21 | 2 46 | 14 48 | 0 29 | 3 35 | 1 23 | 21 16 | 5 16 | 22 52 | 22 58 | 4 14 | 16 55 | 4 9 | S 9 |
| M10 | 6 33 | 15 52 | 3 35 | 11 11 | 0 8 | 5 37 | 1 15 | 23 8 | 1 10 | 22 19 | 0 48 | 7 19 | 2 46 | 14 47 | 0 29 | 3 36 | 1 23 | 21 16 | 5 17 | 22 51 | 22 58 | 4 12 | 16 56 | 4 9 | M10 |
| T 11 | 6 56 | 19 3 | 2 44 | 11 51 | 0 15 | 5 10 | 1 17 | 23 14 | 1 11 | 22 19 | 0 48 | 7 17 | 2 46 | 14 46 | 0 29 | 3 37 | 1 23 | 21 16 | 5 17 | 22 50 | 22 58 | 4 9 | 16 57 | 4 9 | T 11 |
| W12 | 7 18 | 21 23 | 1 43 | 12 31 | 0 22 | 4 43 | 1 19 | 23 20 | 1 11 | 22 19 | 0 48 | 7 16 | 2 46 | 14 46 | 0 29 | 3 37 | 1 23 | 21 15 | 5 17 | 22 50 | 22 57 | 4 7 | 16 58 | 4 9 | W12 |
| T 13 | 7 41 | 22 39 | 0 37 | 13 10 | 0 29 | 4 15 | 1 20 | 23 26 | 1 11 | 22 19 | 0 48 | 7 14 | 2 46 | 14 45 | 0 29 | 3 38 | 1 23 | 21 15 | 5 17 | 22 50 | 22 57 | 4 4 | 16 59 | 4 8 | T 13 |
| F 14 | 8 3 | 22 42 | 0n33 | 13 47 | 0 36 | 3 47 | 1 22 | 23 32 | 1 12 | 22 19 | 0 48 | 7 12 | 2 46 | 14 44 | 0 29 | 3 39 | 1 23 | 21 15 | 5 17 | 22 50 | 22 57 | 4 1 | 17 1 | 4 8 | F 14 |
| S 15 | 8 25 | 21 28 | 1 43 | 14 25 | 0 43 | 3 20 | 1 23 | 23 37 | 1 12 | 22 19 | 0 48 | 7 10 | 2 46 | 14 44 | 0 29 | 3 40 | 1 23 | 21 15 | 5 17 | 22 50 | 22 57 | 3 59 | 17 2 | 4 8 | S 15 |
| S 16 | 8 47 | 18 59 | 2 48 | 15 1 | 0 50 | 2 52 | 1 24 | 23 43 | 1 12 | 22 19 | 0 48 | 7 9 | 2 46 | 14 43 | 0 29 | 3 41 | 1 23 | 21 15 | 5 18 | 22 50 | 22 56 | 3 56 | 17 3 | 4 8 | S 16 |
| M17 | 9 9 | 15 21 | 3 45 | 15 37 | 0 57 | 2 23 | 1 26 | 23 48 | 1 12 | 22 18 | 0 48 | 7 7 | 2 46 | 14 42 | 0 29 | 3 42 | 1 23 | 21 15 | 5 18 | 22 50 | 22 56 | 3 53 | 17 4 | 4 8 | M17 |
| T 18 | 9 31 | 10 45 | 4 29 | 16 11 | 1 4 | 1 55 | 1 27 | 23 52 | 1 13 | 22 18 | 0 48 | 7 5 | 2 46 | 14 41 | 0 29 | 3 43 | 1 23 | 21 15 | 5 18 | 22 50 | 22 56 | 3 51 | 17 5 | 4 8 | T 18 |
| W19 | 9 52 | 5 29 | 4 57 | 16 45 | 1 11 | 1 27 | 1 28 | 23 57 | 1 13 | 22 18 | 0 48 | 7 4 | 2 46 | 14 41 | 0 29 | 3 43 | 1 23 | 21 15 | 5 18 | 22 49 | 22 56 | 3 48 | 17 6 | 4 8 | W19 |
| T 20 | 10 14 | 0n11 | 5 6 | 17 18 | 1 18 | 0 59 | 1 29 | 24 1 | 1 13 | 22 18 | 0 48 | 7 2 | 2 46 | 14 40 | 0 29 | 3 44 | 1 23 | 21 15 | 5 19 | 22 49 | 22 55 | 3 46 | 17 8 | 4 8 | T 20 |
| F 21 | 10 35 | 5 52 | 4 55 | 17 50 | 1 25 | 0 30 | 1 30 | 24 6 | 1 13 | 22 18 | 0 48 | 7 0 | 2 46 | 14 39 | 0 29 | 3 45 | 1 23 | 21 15 | 5 19 | 22 48 | 22 55 | 3 43 | 17 9 | 4 8 | F 21 |
| S 22 | 10 56 | 11 12 | 4 24 | 18 22 | 1 31 | 0 2 | 1 31 | 24 9 | 1 14 | 22 18 | 0 48 | 6 58 | 2 46 | 14 38 | 0 29 | 3 46 | 1 23 | 21 15 | 5 19 | 22 47 | 22 55 | 3 40 | 17 10 | 4 8 | S 22 |
| S 23 | 11 17 | 15 50 | 3 35 | 18 52 | 1 38 | 0s27 | 1 32 | 24 13 | 1 14 | 22 17 | 0 48 | 6 57 | 2 46 | 14 38 | 0 29 | 3 47 | 1 23 | 21 15 | 5 19 | 22 47 | 22 55 | 3 38 | 17 11 | 4 8 | S 23 |
| M24 | 11 38 | 19 25 | 2 34 | 19 21 | 1 44 | 0 56 | 1 32 | 24 17 | 1 14 | 22 17 | 0 48 | 6 55 | 2 46 | 14 37 | 0 29 | 3 47 | 1 23 | 21 15 | 5 19 | 22 46 | 22 54 | 3 35 | 17 12 | 4 8 | M24 |
| T 25 | 11 59 | 21 45 | 1 25 | 19 50 | 1 50 | 1 24 | 1 33 | 24 20 | 1 14 | 22 17 | 0 48 | 6 53 | 2 46 | 14 36 | 0 29 | 3 48 | 1 23 | 21 15 | 5 20 | 22 46 | 22 54 | 3 32 | 17 14 | 4 8 | T 25 |
| W26 | 12 19 | 22 44 | 0 12 | 20 17 | 1 56 | 1 53 | 1 33 | 24 23 | 1 15 | 22 17 | 0 48 | 6 52 | 2 46 | 14 36 | 0 29 | 3 49 | 1 23 | 21 15 | 5 20 | 22 46 | 22 54 | 3 30 | 17 15 | 4 8 | W26 |
| T 27 | 12 40 | 22 24 | 0s58 | 20 43 | 2 2 | 2 21 | 1 34 | 24 26 | 1 15 | 22 17 | 0 48 | 6 50 | 2 46 | 14 35 | 0 29 | 3 50 | 1 23 | 21 15 | 5 20 | 22 46 | 22 53 | 3 27 | 17 16 | 4 8 | T 27 |
| F 28 | 13 0 | 20 53 | 2 4 | 21 9 | 2 7 | 2 50 | 1 34 | 24 28 | 1 15 | 22 16 | 0 48 | 6 48 | 2 46 | 14 34 | 0 29 | 3 51 | 1 23 | 21 15 | 5 20 | 22 46 | 22 53 | 3 25 | 17 17 | 4 8 | F 28 |
| S 29 | 13 20 | 18 25 | 3 2 | 21 33 | 2 13 | 3 19 | 1 35 | 24 30 | 1 15 | 22 16 | 0 48 | 6 47 | 2 45 | 14 33 | 0 29 | 3 51 | 1 23 | 21 15 | 5 20 | 22 46 | 22 53 | 3 22 | 17 18 | 4 8 | S 29 |
| S 30 | 13 39 | 15 10 | 3 51 | 21 56 | 2 18 | 3 47 | 1 35 | 24 32 | 1 15 | 22 16 | 0 48 | 6 45 | 2 45 | 14 33 | 0 29 | 3 52 | 1 23 | 21 15 | 5 21 | 22 46 | 22 53 | 3 19 | 17 19 | 4 8 | S 30 |
| M31 | 13s59 | 11n22 | 4s29 | 22s18 | 2s23 | 4s16 | 1n35 | 24s34 | 1s16 | 22n16 | 0s48 | 6n44 | 2s45 | 14n32 | 0s29 | 3s53 | 1n23 | 21n15 | 5n21 | 22s46 | 22s52 | 3n17 | 17s21 | 4n 8 | M31 |

Julian Day Number = 2612159.5, Delta T = 10m38s
Ecliptic obliquity = 23°22'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'19, Lahiri = 30°00'19


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## NOVEMBER 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 9 | 8♏29'49 | 29♌ 5 | 0♐44 | 15♎48 | 26♐21 | 20°R40 | 23°R56 | 10°R37 | 13♎ 8 | 15♌30 | 17°R10 | 18♐18 | 9♍36 | 7♐ 4 | T 1 |
| W 2 | 2 45 6 | 9°29'37 | 10♍57 | 1°59 | 17° 3 | 27° 5 | 20♊35 | 23♈52 | 10♉35 | 13°10 | 15°31 | 17♐ 6 | 18°15 | 9°43 | 7°11 | W 2 |
| T 3 | 2 49 2 | 10°29'26 | 22°52 | 3°13 | 18°17 | 27°49 | 20°31 | 23°47 | 10°32 | 13°12 | 15°31 | 17° 0 | 18°12 | 9°49 | 7°18 | T 3 |
| F 4 | 2 52 59 | 11°29'18 | 4♎53 | 4°26 | 19°32 | 28°33 | 20°26 | 23°43 | 10°30 | 13°14 | 15°31 | 16°54 | 18° 9 | 9°56 | 7°25 | F 4 |
| S 5 | 2 56 56 | 12°29'12 | 17° 4 | 5°36 | 20°47 | 29°17 | 20°21 | 23°38 | 10°27 | 13°16 | 15°32 | 16°48 | 18° 6 | 10° 3 | 7°33 | S 5 |
| S 6 | 3 0 52 | 13°29'08 | 29°26 | 6°45 | 22° 1 | 0♑ 2 | 20°16 | 23°34 | 10°25 | 13°18 | 15°32 | 16°42 | 18° 2 | 10° 9 | 7°40 | S 6 |
| M 7 | 3 4 49 | 14°29'06 | 12♏ 1 | 7°51 | 23°16 | 0°46 | 20°11 | 23°30 | 10°22 | 13°20 | 15°32 | 16°37 | 17°59 | 10°16 | 7°47 | M 7 |
| T 8 | 3 8 45 | 15°29'06 | 24°47 | 8°56 | 24°31 | 1°31 | 20° 5 | 23°26 | 10°20 | 13°22 | 15°33 | 16°33 | 17°56 | 10°23 | 7°55 | T 8 |
| W 9 | 3 12 42 | 16°29'07 | 7♐46 | 9°57 | 25°45 | 2°15 | 20° 0 | 23°21 | 10°17 | 13°24 | 15°33 | 16°31 | 17°53 | 10°30 | 8° 2 | W 9 |
| T 10 | 3 16 38 | 17°29'11 | 20°58 | 10°56 | 27° 0 | 3° 0 | 19°54 | 23°17 | 10°15 | 13°26 | 15°33 | 16°D31 | 17°50 | 10°36 | 8°10 | T 10 |
| F 11 | 3 20 35 | 18°29'16 | 4♑21 | 11°51 | 28°15 | 3°44 | 19°48 | 23°13 | 10°13 | 13°28 | 15°33 | 16°32 | 17°46 | 10°43 | 8°17 | F 11 |
| S 12 | 3 24 31 | 19°29'23 | 17°56 | 12°42 | 29°30 | 4°29 | 19°42 | 23° 9 | 10°10 | 13°30 | 15°33 | 16°34 | 17°43 | 10°50 | 8°25 | S 12 |
| S 13 | 3 28 28 | 20°29'31 | 1♒43 | 13°30 | 0♏45 | 5°14 | 19°36 | 23° 5 | 10° 8 | 13°32 | 15°33 | 16°35 | 17°40 | 10°57 | 8°32 | S 13 |
| M14 | 3 32 25 | 21°29'41 | 15°40 | 14°12 | 2° 0 | 5°59 | 19°29 | 23° 1 | 10° 5 | 13°34 | 15°33 | 16°R36 | 17°37 | 11° 3 | 8°40 | M14 |
| T 15 | 3 36 21 | 22°29'52 | 29°49 | 14°50 | 3°14 | 6°44 | 19°23 | 22°58 | 10° 3 | 13°36 | 15°33 | 16°36 | 17°34 | 11°10 | 8°47 | T 15 |
| W16 | 3 40 18 | 23°30'05 | 14♓ 5 | 15°21 | 4°29 | 7°29 | 19°16 | 22°54 | 10° 1 | 13°37 | 15°R33 | 16°35 | 17°31 | 11°17 | 8°55 | W16 |
| T 17 | 3 44 14 | 24°30'19 | 28°28 | 15°47 | 5°44 | 8°14 | 19°10 | 22°50 | 9°58 | 13°39 | 15°33 | 16°33 | 17°27 | 11°23 | 9° 2 | T 17 |
| F 18 | 3 48 11 | 25°30'35 | 12♈53 | 16° 5 | 6°59 | 8°59 | 19° 3 | 22°47 | 9°56 | 13°41 | 15°33 | 16°30 | 17°24 | 11°30 | 9°10 | F 18 |
| S 19 | 3 52 7 | 26°30'52 | 27°15 | 16°15 | 8°14 | 9°44 | 18°56 | 22°43 | 9°54 | 13°43 | 15°33 | 16°27 | 17°21 | 11°37 | 9°18 | S 19 |
| S 20 | 3 56 4 | 27°31'10 | 11♉30 | 16°R17 | 9°29 | 10°29 | 18°49 | 22°40 | 9°51 | 13°45 | 15°33 | 16°24 | 17°18 | 11°44 | 9°25 | S 20 |
| M21 | 4 0 0 | 28°31'30 | 25°31 | 16°10 | 10°44 | 11°15 | 18°41 | 22°36 | 9°49 | 13°46 | 15°33 | 16°22 | 17°15 | 11°50 | 9°33 | M21 |
| T 22 | 4 3 57 | 29°31'52 | 9♊15 | 15°53 | 11°59 | 12° 0 | 18°34 | 22°33 | 9°47 | 13°48 | 15°33 | 16°21 | 17°12 | 11°57 | 9°41 | T 22 |
| W23 | 4 7 54 | 0♐32'16 | 22°40 | 15°25 | 13°14 | 12°45 | 18°27 | 22°30 | 9°44 | 13°50 | 15°33 | 16°D21 | 17° 8 | 12° 4 | 9°48 | W23 |
| T 24 | 4 11 50 | 1°32'41 | 5♋44 | 14°48 | 14°30 | 13°31 | 18°19 | 22°27 | 9°42 | 13°51 | 15°33 | 16°22 | 17° 5 | 12°10 | 9°56 | T 24 |
| F 25 | 4 15 47 | 2°33'08 | 18°28 | 14° 0 | 15°45 | 14°16 | 18°12 | 22°24 | 9°40 | 13°53 | 15°32 | 16°23 | 17° 2 | 12°17 | 10° 4 | F 25 |
| S 26 | 4 19 43 | 3°33'37 | 0♌54 | 13° 2 | 17° 0 | 15° 2 | 18° 4 | 22°21 | 9°38 | 13°54 | 15°32 | 16°25 | 16°59 | 12°24 | 10°11 | S 26 |
| S 27 | 4 23 40 | 4°34'07 | 13° 5 | 11°56 | 18°15 | 15°48 | 17°56 | 22°18 | 9°36 | 13°56 | 15°32 | 16°26 | 16°56 | 12°31 | 10°19 | S 27 |
| M28 | 4 27 36 | 5°34'39 | 25° 5 | 10°43 | 19°30 | 16°33 | 17°48 | 22°15 | 9°33 | 13°58 | 15°32 | 16°26 | 16°52 | 12°37 | 10°27 | M28 |
| T 29 | 4 31 33 | 6°35'13 | 6♍59 | 9°24 | 20°45 | 17°19 | 17°41 | 22°12 | 9°31 | 13°59 | 15°31 | 16°R27 | 16°49 | 12°44 | 10°35 | T 29 |
| W30 | 4 35 30 | 7♐35'48 | 18♍52 | 8♐ 2 | 22♏ 1 | 18♑ 5 | 17♊33 | 22♈10 | 9♉29 | 14♎ 1 | 15♌31 | 16♐26 | 16♐46 | 12♍51 | 10♐42 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s18 | 7n 9 | 4s55 | 22s39 | 2s27 | 4s44 | 1n35 | 24s36 | 1s16 | 22n15 | 0s48 | 6n42 | 2s45 | 14n31 | 0s29 | 3s54 | 1n23 | 21n15 | 5n21 | 22s46 | 22s52 | 3n14 | 17s22 | 4n 8 |
| W 2 | 14 37 | 2 41 | 5 9 | 22 59 | 2 32 | 5 13 | 1 35 | 24 37 | 1 16 | 22 15 | 0 48 | 6 41 | 2 45 | 14 30 | 0 29 | 3 55 | 1 23 | 21 15 | 5 21 | 22 45 | 22 52 | 3 11 | 17 23 | 4 8 |
| T 3 | 14 56 | 1s54 | 5 9 | 23 18 | 2 35 | 5 41 | 1 35 | 24 38 | 1 16 | 22 15 | 0 48 | 6 39 | 2 45 | 14 29 | 0 29 | 3 55 | 1 23 | 21 15 | 5 21 | 22 45 | 22 52 | 3 9 | 17 24 | 4 8 |
| F 4 | 15 15 | 6 27 | 4 55 | 23 35 | 2 39 | 6 9 | 1 35 | 24 39 | 1 16 | 22 14 | 0 48 | 6 38 | 2 45 | 14 29 | 0 29 | 3 56 | 1 23 | 21 16 | 5 22 | 22 44 | 22 51 | 3 6 | 17 25 | 4 8 |
| S 5 | 15 33 | 10 49 | 4 29 | 23 51 | 2 42 | 6 37 | 1 35 | 24 39 | 1 16 | 22 14 | 0 48 | 6 36 | 2 45 | 14 28 | 0 29 | 3 57 | 1 23 | 21 16 | 5 22 | 22 44 | 22 51 | 3 4 | 17 26 | 4 8 |
| S 6 | 15 51 | 14 49 | 3 49 | 24 6 | 2 45 | 7 5 | 1 35 | 24 39 | 1 16 | 22 14 | 0 48 | 6 35 | 2 45 | 14 27 | 0 29 | 3 58 | 1 23 | 21 16 | 5 22 | 22 43 | 22 51 | 3 1 | 17 27 | 4 8 |
| M 7 | 16 9 | 18 13 | 2 57 | 24 19 | 2 47 | 7 33 | 1 35 | 24 39 | 1 16 | 22 13 | 0 48 | 6 33 | 2 45 | 14 26 | 0 29 | 3 58 | 1 23 | 21 16 | 5 22 | 22 43 | 22 50 | 2 58 | 17 28 | 4 8 |
| T 8 | 16 26 | 20 48 | 1 56 | 24 31 | 2 49 | 8 1 | 1 34 | 24 39 | 1 17 | 22 13 | 0 48 | 6 32 | 2 45 | 14 26 | 0 29 | 3 59 | 1 23 | 21 16 | 5 23 | 22 42 | 22 50 | 2 56 | 17 30 | 4 8 |
| W 9 | 16 44 | 22 20 | 0 48 | 24 41 | 2 50 | 8 28 | 1 34 | 24 38 | 1 17 | 22 13 | 0 48 | 6 30 | 2 44 | 14 25 | 0 29 | 4 0 | 1 23 | 21 16 | 5 23 | 22 42 | 22 50 | 2 53 | 17 31 | 4 8 |
| T 10 | 17 1 | 22 40 | 0n24 | 24 51 | 2 51 | 8 56 | 1 33 | 24 38 | 1 17 | 22 12 | 0 48 | 6 29 | 2 44 | 14 24 | 0 29 | 4 1 | 1 24 | 21 16 | 5 23 | 22 42 | 22 50 | 2 51 | 17 32 | 4 8 |
| F 11 | 17 17 | 21 42 | 1 36 | 24 58 | 2 50 | 9 23 | 1 33 | 24 37 | 1 17 | 22 12 | 0 48 | 6 27 | 2 44 | 14 23 | 0 29 | 4 1 | 1 24 | 21 16 | 5 23 | 22 42 | 22 49 | 2 48 | 17 33 | 4 8 |
| S 12 | 17 34 | 19 28 | 2 44 | 25 4 | 2 50 | 9 50 | 1 32 | 24 35 | 1 17 | 22 11 | 0 48 | 6 26 | 2 44 | 14 23 | 0 29 | 4 2 | 1 24 | 21 17 | 5 23 | 22 42 | 22 49 | 2 45 | 17 34 | 4 8 |
| S 13 | 17 50 | 16 6 | 3 43 | 25 9 | 2 48 | 10 17 | 1 31 | 24 34 | 1 17 | 22 11 | 0 48 | 6 25 | 2 44 | 14 22 | 0 29 | 4 3 | 1 24 | 21 17 | 5 24 | 22 42 | 22 49 | 2 43 | 17 35 | 4 8 |
| M14 | 18 6 | 11 48 | 4 30 | 25 11 | 2 45 | 10 43 | 1 31 | 24 32 | 1 17 | 22 10 | 0 48 | 6 24 | 2 44 | 14 21 | 0 29 | 4 3 | 1 24 | 21 17 | 5 24 | 22 43 | 22 48 | 2 40 | 17 36 | 4 9 |
| T 15 | 18 21 | 6 48 | 5 1 | 25 12 | 2 42 | 11 9 | 1 30 | 24 30 | 1 17 | 22 10 | 0 48 | 6 22 | 2 44 | 14 20 | 0 29 | 4 4 | 1 24 | 21 17 | 5 24 | 22 43 | 22 48 | 2 37 | 17 37 | 4 9 |
| W16 | 18 36 | 1 25 | 5 14 | 25 11 | 2 37 | 11 35 | 1 29 | 24 27 | 1 17 | 22 9 | 0 48 | 6 21 | 2 43 | 14 20 | 0 29 | 4 5 | 1 24 | 21 17 | 5 24 | 22 42 | 22 48 | 2 35 | 17 38 | 4 9 |
| T 17 | 18 51 | 4n 6 | 5 8 | 25 8 | 2 32 | 12 1 | 1 28 | 24 25 | 1 17 | 22 9 | 0 48 | 6 20 | 2 43 | 14 19 | 0 29 | 4 5 | 1 24 | 21 18 | 5 24 | 22 42 | 22 47 | 2 32 | 17 39 | 4 9 |
| F 18 | 19 6 | 9 24 | 4 42 | 25 3 | 2 25 | 12 27 | 1 27 | 24 22 | 1 17 | 22 8 | 0 48 | 6 19 | 2 43 | 14 18 | 0 29 | 4 6 | 1 24 | 21 18 | 5 25 | 22 42 | 22 47 | 2 30 | 17 40 | 4 9 |
| S 19 | 19 20 | 14 11 | 3 58 | 24 56 | 2 17 | 12 52 | 1 26 | 24 19 | 1 17 | 22 8 | 0 47 | 6 18 | 2 43 | 14 18 | 0 29 | 4 7 | 1 24 | 21 18 | 5 25 | 22 42 | 22 47 | 2 27 | 17 41 | 4 9 |
| S 20 | 19 34 | 18 6 | 3 1 | 24 47 | 2 7 | 13 17 | 1 25 | 24 15 | 1 17 | 22 7 | 0 47 | 6 17 | 2 43 | 14 17 | 0 29 | 4 7 | 1 24 | 21 18 | 5 25 | 22 41 | 22 47 | 2 24 | 17 42 | 4 9 |
| M21 | 19 47 | 20 55 | 1 53 | 24 35 | 1 56 | 13 41 | 1 23 | 24 11 | 1 17 | 22 7 | 0 47 | 6 15 | 2 43 | 14 16 | 0 29 | 4 8 | 1 24 | 21 19 | 5 25 | 22 41 | 22 46 | 2 22 | 17 43 | 4 9 |
| T 22 | 20 0 | 22 26 | 0 39 | 24 20 | 1 43 | 14 6 | 1 22 | 24 7 | 1 17 | 22 6 | 0 47 | 6 14 | 2 42 | 14 15 | 0 29 | 4 8 | 1 24 | 21 19 | 5 26 | 22 41 | 22 46 | 2 19 | 17 44 | 4 9 |
| W23 | 20 13 | 22 36 | 0s35 | 24 3 | 1 29 | 14 30 | 1 21 | 24 3 | 1 17 | 22 6 | 0 47 | 6 13 | 2 42 | 14 15 | 0 29 | 4 9 | 1 24 | 21 19 | 5 26 | 22 41 | 22 46 | 2 17 | 17 45 | 4 10 |
| T 24 | 20 25 | 21 30 | 1 45 | 23 43 | 1 13 | 14 53 | 1 19 | 23 59 | 1 17 | 22 5 | 0 47 | 6 12 | 2 42 | 14 14 | 0 28 | 4 10 | 1 24 | 21 19 | 5 26 | 22 41 | 22 45 | 2 14 | 17 46 | 4 10 |
| F 25 | 20 37 | 19 20 | 2 48 | 23 21 | 0 56 | 15 16 | 1 18 | 23 54 | 1 17 | 22 5 | 0 47 | 6 11 | 2 42 | 14 13 | 0 28 | 4 10 | 1 24 | 21 20 | 5 26 | 22 41 | 22 45 | 2 11 | 17 47 | 4 10 |
| S 26 | 20 49 | 16 18 | 3 42 | 22 55 | 0 37 | 15 39 | 1 16 | 23 49 | 1 17 | 22 4 | 0 47 | 6 11 | 2 42 | 14 13 | 0 28 | 4 11 | 1 24 | 21 20 | 5 26 | 22 41 | 22 45 | 2 9 | 17 48 | 4 10 |
| S 27 | 21 0 | 12 37 | 4 25 | 22 27 | 0 17 | 16 1 | 1 15 | 23 44 | 1 17 | 22 3 | 0 47 | 6 10 | 2 41 | 14 12 | 0 28 | 4 11 | 1 24 | 21 20 | 5 27 | 22 41 | 22 44 | 2 6 | 17 49 | 4 10 |
| M28 | 21 11 | 8 29 | 4 55 | 21 57 | 0n 3 | 16 23 | 1 13 | 23 38 | 1 17 | 22 3 | 0 47 | 6 9 | 2 41 | 14 11 | 0 28 | 4 12 | 1 24 | 21 20 | 5 27 | 22 42 | 22 44 | 2 4 | 17 50 | 4 10 |
| T 29 | 21 21 | 4 5 | 5 12 | 21 25 | 0 23 | 16 45 | 1 11 | 23 32 | 1 17 | 22 2 | 0 47 | 6 8 | 2 41 | 14 11 | 0 28 | 4 13 | 1 24 | 21 21 | 5 27 | 22 42 | 22 44 | 2 1 | 17 51 | 4 10 |
| W30 | 21s31 | 0s28 | 5s16 | 20s53 | 0n44 | 17s 6 | 1n10 | 23s26 | 1s17 | 22n 2 | 0s47 | 6n 7 | 2s41 | 14n10 | 0s28 | 4s13 | 1n24 | 21n21 | 5n27 | 22s42 | 22s44 | 1n58 | 17s52 | 4n11 |

Julian Day Number = 2612190.5, Delta T = 10m38s
Ecliptic obliquity = 23°22'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'23, Lahiri = 30°00'24


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# ASTRODIENST EPHEMERIS for the year 2439
# geocentric

## DECEMBER 2439 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 39 26 | 8♐36'26 | 0♎47 | 6°R41 | 23♏16 | 18♑51 | 17°R25 | 22°R 7 | 9°R27 | 14♎ 2 | 15°R31 | 16°R26 | 16♐43 | 12♍58 | 10♐50 | T 1 |
| F 2 | 4 43 23 | 9°37'04 | 12°51 | 5♐22 | 24°31 | 19°37 | 17♊17 | 22♈ 5 | 9♉25 | 14° 4 | 15♌30 | 16♐25 | 16°40 | 13° 4 | 10°58 | F 2 |
| S 3 | 4 47 19 | 10°37'45 | 25° 5 | 4° 8 | 25°46 | 20°23 | 17° 9 | 22° 2 | 9°23 | 14° 5 | 15°30 | 16°24 | 16°37 | 13°11 | 11° 6 | S 3 |
| S 4 | 4 51 16 | 11°38'27 | 7♏35 | 3° 2 | 27° 2 | 21° 9 | 17° 0 | 22° 0 | 9°21 | 14° 6 | 15°29 | 16°23 | 16°33 | 13°18 | 11°13 | S 4 |
| M 5 | 4 55 12 | 12°39'11 | 20°21 | 2° 5 | 28°17 | 21°55 | 16°52 | 21°58 | 9°19 | 14° 8 | 15°29 | 16°23 | 16°30 | 13°24 | 11°21 | M 5 |
| T 6 | 4 59 9 | 13°39'56 | 3♐24 | 1°18 | 29°32 | 22°41 | 16°44 | 21°56 | 9°17 | 14° 9 | 15°28 | 16°23 | 16°27 | 13°31 | 11°29 | T 6 |
| W 7 | 5 3 5 | 14°40'42 | 16°46 | 0°43 | 0♐48 | 23°27 | 16°36 | 21°54 | 9°15 | 14°10 | 15°28 | 16°D23 | 16°24 | 13°38 | 11°36 | W 7 |
| T 8 | 5 7 2 | 15°41'29 | 0♑23 | 0°20 | 2° 3 | 24°13 | 16°28 | 21°52 | 9°14 | 14°12 | 15°27 | 16°23 | 16°21 | 13°45 | 11°44 | T 8 |
| F 9 | 5 10 59 | 16°42'18 | 14°14 | 0° 8 | 3°18 | 24°59 | 16°20 | 21°50 | 9°12 | 14°13 | 15°27 | 16°R23 | 16°18 | 13°51 | 11°52 | F 9 |
| S 10 | 5 14 55 | 17°43'08 | 28°16 | 0°D 7 | 4°34 | 25°46 | 16°11 | 21°49 | 9°10 | 14°14 | 15°26 | 16°23 | 16°14 | 13°58 | 12° 0 | S 10 |
| S 11 | 5 18 52 | 18°43'58 | 12♒25 | 0°16 | 5°49 | 26°32 | 16° 3 | 21°47 | 9° 8 | 14°15 | 15°25 | 16°22 | 16°11 | 14° 5 | 12° 7 | S 11 |
| M12 | 5 22 48 | 19°44'50 | 26°38 | 0°35 | 7° 4 | 27°18 | 15°55 | 21°46 | 9° 7 | 14°17 | 15°25 | 16°22 | 16° 8 | 14°12 | 12°15 | M12 |
| T 13 | 5 26 45 | 20°45'42 | 10♓52 | 1° 2 | 8°20 | 28° 5 | 15°47 | 21°45 | 9° 5 | 14°18 | 15°24 | 16°22 | 16° 5 | 14°18 | 12°23 | T 13 |
| W14 | 5 30 41 | 21°46'35 | 25° 4 | 1°37 | 9°35 | 28°51 | 15°39 | 21°43 | 9° 3 | 14°19 | 15°23 | 16°D22 | 16° 2 | 14°25 | 12°30 | W14 |
| T 15 | 5 34 38 | 22°47'28 | 9♈12 | 2°20 | 10°50 | 29°38 | 15°31 | 21°42 | 9° 2 | 14°20 | 15°23 | 16°22 | 15°58 | 14°32 | 12°38 | T 15 |
| F 16 | 5 38 34 | 23°48'22 | 23°14 | 3° 8 | 12° 6 | 0♒24 | 15°23 | 21°41 | 9° 0 | 14°21 | 15°22 | 16°23 | 15°55 | 14°38 | 12°46 | F 16 |
| S 17 | 5 42 31 | 24°49'17 | 7♉ 8 | 4° 1 | 13°21 | 1°11 | 15°15 | 21°40 | 8°59 | 14°22 | 15°21 | 16°23 | 15°52 | 14°45 | 12°53 | S 17 |
| S 18 | 5 46 28 | 25°50'13 | 20°52 | 5° 0 | 14°37 | 1°58 | 15° 7 | 21°40 | 8°57 | 14°23 | 15°20 | 16°24 | 15°49 | 14°52 | 13° 1 | S 18 |
| M19 | 5 50 24 | 26°51'09 | 4♊25 | 6° 2 | 15°52 | 2°44 | 14°59 | 21°39 | 8°56 | 14°24 | 15°20 | 16°25 | 15°46 | 14°59 | 13° 8 | M19 |
| T 20 | 5 54 21 | 27°52'07 | 17°46 | 7° 9 | 17° 8 | 3°31 | 14°51 | 21°38 | 8°54 | 14°25 | 15°19 | 16°R25 | 15°43 | 15° 5 | 13°16 | T 20 |
| W21 | 5 58 17 | 28°53'04 | 0♋52 | 8°18 | 18°23 | 4°18 | 14°43 | 21°38 | 8°53 | 14°26 | 15°18 | 16°25 | 15°39 | 15°12 | 13°23 | W21 |
| T 22 | 6 2 14 | 29°54'03 | 13°43 | 9°30 | 19°38 | 5° 4 | 14°36 | 21°38 | 8°52 | 14°27 | 15°17 | 16°23 | 15°36 | 15°19 | 13°31 | T 22 |
| F 23 | 6 6 10 | 0♑55'03 | 26°20 | 10°45 | 20°54 | 5°51 | 14°28 | 21°37 | 8°50 | 14°27 | 15°16 | 16°22 | 15°33 | 15°25 | 13°38 | F 23 |
| S 24 | 6 10 7 | 1°56'03 | 8♌43 | 12° 1 | 22° 9 | 6°38 | 14°21 | 21°37 | 8°49 | 14°28 | 15°15 | 16°19 | 15°30 | 15°32 | 13°46 | S 24 |
| S 25 | 6 14 3 | 2°57'04 | 20°53 | 13°20 | 23°25 | 7°25 | 14°13 | 21°D37 | 8°48 | 14°29 | 15°14 | 16°17 | 15°27 | 15°39 | 13°53 | S 25 |
| M26 | 6 18 0 | 3°58'06 | 2♍54 | 14°40 | 24°40 | 8°12 | 14° 6 | 21°37 | 8°47 | 14°30 | 15°13 | 16°14 | 15°24 | 15°46 | 14° 1 | M26 |
| T 27 | 6 21 57 | 4°59'08 | 14°48 | 16° 1 | 25°56 | 8°59 | 13°59 | 21°37 | 8°46 | 14°30 | 15°12 | 16°12 | 15°20 | 15°52 | 14° 8 | T 27 |
| W28 | 6 25 53 | 6° 0'12 | 26°40 | 17°24 | 27°11 | 9°46 | 13°52 | 21°38 | 8°45 | 14°31 | 15°11 | 16°11 | 15°17 | 15°59 | 14°16 | W28 |
| T 29 | 6 29 50 | 7° 1'16 | 8♎34 | 18°47 | 28°27 | 10°32 | 13°45 | 21°38 | 8°44 | 14°32 | 15°10 | 16°D10 | 15°14 | 16° 6 | 14°23 | T 29 |
| F 30 | 6 33 46 | 8° 2'21 | 20°35 | 20°12 | 29°42 | 11°19 | 13°38 | 21°39 | 8°43 | 14°32 | 15° 9 | 16°11 | 15°11 | 16°13 | 14°30 | F 30 |
| S 31 | 6 37 43 | 9♑ 3'27 | 2♏49 | 21♐38 | 0♑58 | 12♒ 6 | 13♊31 | 21♈39 | 8♉42 | 14♎33 | 15♌ 8 | 16♐12 | 15♐ 8 | 16♍19 | 14♐37 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s41 | 5s 0 | 5s 7 | 20s20 | 1n 3 | 17s27 | 1n 8 | 23s20 | 1s17 | 22n 1 | 0s47 | 6n 7 | 2s40 | 14n 9 | 0s28 | 4s14 | 1n24 | 21n21 | 5n27 | 22s42 | 22s43 | 1n56 | 17s53 | 4n11 |
| F 2 | 21 50 | 9 25 | 4 44 | 19 48 | 1 22 | 17 47 | 1 6 | 23 13 | 1 17 | 22 0 | 0 46 | 6 6 | 2 40 | 14 9 | 0 28 | 4 14 | 1 24 | 21 22 | 5 28 | 22 41 | 22 43 | 1 53 | 17 53 | 4 11 |
| S 3 | 21 59 | 13 32 | 4 8 | 19 18 | 1 39 | 18 7 | 1 4 | 23 6 | 1 17 | 22 0 | 0 46 | 6 5 | 2 40 | 14 8 | 0 28 | 4 15 | 1 24 | 21 22 | 5 28 | 22 41 | 22 43 | 1 51 | 17 54 | 4 11 |
| S 4 | 22 8 | 17 8 | 3 19 | 18 51 | 1 54 | 18 26 | 1 2 | 22 59 | 1 17 | 21 59 | 0 46 | 6 5 | 2 40 | 14 8 | 0 28 | 4 15 | 1 24 | 21 22 | 5 28 | 22 41 | 22 42 | 1 48 | 17 55 | 4 11 |
| M 5 | 22 16 | 20 2 | 2 19 | 18 28 | 2 7 | 18 45 | 1 1 | 22 52 | 1 17 | 21 58 | 0 46 | 6 4 | 2 40 | 14 7 | 0 28 | 4 16 | 1 24 | 21 23 | 5 28 | 22 41 | 22 42 | 1 45 | 17 56 | 4 12 |
| T 6 | 22 23 | 21 57 | 1 11 | 18 8 | 2 17 | 19 3 | 0 59 | 22 44 | 1 17 | 21 58 | 0 46 | 6 4 | 2 39 | 14 6 | 0 28 | 4 16 | 1 25 | 21 23 | 5 29 | 22 41 | 22 42 | 1 43 | 17 57 | 4 12 |
| W 7 | 22 30 | 22 41 | 0n 2 | 17 52 | 2 26 | 19 21 | 0 57 | 22 36 | 1 16 | 21 57 | 0 46 | 6 3 | 2 39 | 14 6 | 0 28 | 4 17 | 1 25 | 21 23 | 5 29 | 22 41 | 22 41 | 1 40 | 17 58 | 4 12 |
| T 8 | 22 37 | 22 6 | 1 17 | 17 41 | 2 32 | 19 38 | 0 55 | 22 28 | 1 16 | 21 56 | 0 46 | 6 3 | 2 39 | 14 5 | 0 28 | 4 17 | 1 25 | 21 24 | 5 29 | 22 41 | 22 41 | 1 38 | 17 58 | 4 12 |
| F 9 | 22 43 | 20 10 | 2 29 | 17 34 | 2 37 | 19 54 | 0 52 | 22 20 | 1 16 | 21 56 | 0 46 | 6 2 | 2 39 | 14 5 | 0 28 | 4 17 | 1 25 | 21 24 | 5 29 | 22 41 | 22 41 | 1 35 | 17 59 | 4 12 |
| S 10 | 22 49 | 17 0 | 3 32 | 17 32 | 2 39 | 20 10 | 0 50 | 22 11 | 1 16 | 21 55 | 0 45 | 6 2 | 2 38 | 14 4 | 0 28 | 4 18 | 1 25 | 21 24 | 5 29 | 22 41 | 22 40 | 1 33 | 18 0 | 4 13 |
| S 11 | 22 54 | 12 49 | 4 23 | 17 33 | 2 40 | 20 26 | 0 48 | 22 2 | 1 16 | 21 54 | 0 45 | 6 2 | 2 38 | 14 4 | 0 28 | 4 18 | 1 25 | 21 25 | 5 30 | 22 41 | 22 40 | 1 30 | 18 1 | 4 13 |
| M12 | 22 59 | 7 55 | 4 59 | 17 37 | 2 40 | 20 41 | 0 46 | 21 53 | 1 16 | 21 53 | 0 45 | 6 1 | 2 38 | 14 3 | 0 28 | 4 19 | 1 25 | 21 25 | 5 30 | 22 41 | 22 40 | 1 27 | 18 1 | 4 13 |
| T 13 | 23 4 | 2 36 | 5 16 | 17 44 | 2 38 | 20 55 | 0 44 | 21 44 | 1 16 | 21 53 | 0 45 | 6 1 | 2 38 | 14 3 | 0 28 | 4 19 | 1 25 | 21 26 | 5 30 | 22 41 | 22 39 | 1 25 | 18 2 | 4 13 |
| W14 | 23 8 | 2n51 | 5 13 | 17 54 | 2 35 | 21 9 | 0 42 | 21 34 | 1 15 | 21 52 | 0 45 | 6 1 | 2 37 | 14 2 | 0 28 | 4 19 | 1 25 | 21 26 | 5 30 | 22 41 | 22 39 | 1 22 | 18 3 | 4 14 |
| T 15 | 23 11 | 8 7 | 4 52 | 18 6 | 2 31 | 21 22 | 0 39 | 21 24 | 1 15 | 21 51 | 0 45 | 6 1 | 2 37 | 14 2 | 0 28 | 4 20 | 1 25 | 21 26 | 5 30 | 22 41 | 22 39 | 1 20 | 18 3 | 4 14 |
| F 16 | 23 14 | 12 56 | 4 14 | 18 20 | 2 27 | 21 35 | 0 37 | 21 14 | 1 15 | 21 51 | 0 45 | 6 0 | 2 37 | 14 1 | 0 28 | 4 20 | 1 25 | 21 27 | 5 31 | 22 41 | 22 38 | 1 17 | 18 4 | 4 14 |
| S 17 | 23 17 | 17 1 | 3 21 | 18 35 | 2 22 | 21 46 | 0 35 | 21 4 | 1 15 | 21 50 | 0 44 | 6 0 | 2 36 | 14 1 | 0 28 | 4 21 | 1 25 | 21 27 | 5 31 | 22 41 | 22 38 | 1 14 | 18 5 | 4 15 |
| S 18 | 23 19 | 20 8 | 2 17 | 18 51 | 2 16 | 21 58 | 0 32 | 20 53 | 1 15 | 21 49 | 0 44 | 6 0 | 2 36 | 14 0 | 0 28 | 4 21 | 1 25 | 21 28 | 5 31 | 22 41 | 22 38 | 1 12 | 18 5 | 4 15 |
| M19 | 23 21 | 22 3 | 1 6 | 19 8 | 2 9 | 22 8 | 0 30 | 20 42 | 1 14 | 21 48 | 0 44 | 6 0 | 2 36 | 14 0 | 0 28 | 4 21 | 1 25 | 21 28 | 5 31 | 22 41 | 22 37 | 1 9 | 18 6 | 4 15 |
| T 20 | 23 22 | 22 42 | 0s 7 | 19 26 | 2 3 | 22 18 | 0 28 | 20 31 | 1 14 | 21 48 | 0 44 | 6 0 | 2 36 | 13 59 | 0 28 | 4 21 | 1 25 | 21 29 | 5 31 | 22 41 | 22 37 | 1 7 | 18 7 | 4 15 |
| W21 | 23 23 | 22 4 | 1 19 | 19 44 | 1 55 | 22 27 | 0 25 | 20 20 | 1 14 | 21 47 | 0 44 | 6 0 | 2 35 | 13 59 | 0 28 | 4 22 | 1 25 | 21 29 | 5 31 | 22 41 | 22 37 | 1 4 | 18 7 | 4 16 |
| T 22 | 23 23 | 20 16 | 2 25 | 20 2 | 1 48 | 22 36 | 0 23 | 20 9 | 1 14 | 21 46 | 0 44 | 6 1 | 2 35 | 13 59 | 0 28 | 4 22 | 1 25 | 21 29 | 5 32 | 22 41 | 22 36 | 1 2 | 18 8 | 4 16 |
| F 23 | 23 23 | 17 31 | 3 23 | 20 21 | 1 41 | 22 44 | 0 21 | 19 57 | 1 14 | 21 46 | 0 43 | 6 1 | 2 35 | 13 58 | 0 28 | 4 22 | 1 25 | 21 30 | 5 32 | 22 41 | 22 36 | 0 59 | 18 8 | 4 16 |
| S 24 | 23 22 | 14 1 | 4 10 | 20 39 | 1 33 | 22 51 | 0 18 | 19 45 | 1 13 | 21 45 | 0 43 | 6 1 | 2 35 | 13 58 | 0 28 | 4 23 | 1 25 | 21 30 | 5 32 | 22 41 | 22 36 | 0 56 | 18 9 | 4 17 |
| S 25 | 23 21 | 10 0 | 4 45 | 20 56 | 1 25 | 22 57 | 0 16 | 19 33 | 1 13 | 21 44 | 0 43 | 6 1 | 2 34 | 13 58 | 0 28 | 4 23 | 1 26 | 21 31 | 5 32 | 22 41 | 22 35 | 0 54 | 18 10 | 4 17 |
| M26 | 23 19 | 5 39 | 5 7 | 21 13 | 1 17 | 23 3 | 0 13 | 19 21 | 1 13 | 21 44 | 0 43 | 6 1 | 2 34 | 13 57 | 0 28 | 4 23 | 1 26 | 21 31 | 5 32 | 22 40 | 22 35 | 0 51 | 18 10 | 4 17 |
| T 27 | 23 17 | 1 7 | 5 15 | 21 30 | 1 9 | 23 8 | 0 11 | 19 8 | 1 13 | 21 43 | 0 43 | 6 2 | 2 34 | 13 57 | 0 28 | 4 23 | 1 26 | 21 32 | 5 33 | 22 40 | 22 35 | 0 49 | 18 11 | 4 18 |
| W28 | 23 15 | 3s25 | 5 10 | 21 46 | 1 1 | 23 13 | 0 8 | 18 55 | 1 12 | 21 42 | 0 42 | 6 2 | 2 34 | 13 57 | 0 28 | 4 23 | 1 26 | 21 32 | 5 33 | 22 40 | 22 34 | 0 46 | 18 11 | 4 18 |
| T 29 | 23 12 | 7 51 | 4 52 | 22 2 | 0 53 | 23 16 | 0 6 | 18 42 | 1 12 | 21 42 | 0 42 | 6 3 | 2 33 | 13 56 | 0 28 | 4 24 | 1 26 | 21 33 | 5 33 | 22 40 | 22 34 | 0 44 | 18 12 | 4 18 |
| F 30 | 23 8 | 12 2 | 4 20 | 22 16 | 0 45 | 23 19 | 0 4 | 18 29 | 1 12 | 21 41 | 0 42 | 6 3 | 2 33 | 13 56 | 0 28 | 4 24 | 1 26 | 21 33 | 5 33 | 22 40 | 22 34 | 0 41 | 18 12 | 4 19 |
| S 31 | 23s 4 | 15s49 | 3s37 | 22s30 | 0n37 | 23s22 | 0n 1 | 18s16 | 1s11 | 21n41 | 0s42 | 6n 4 | 2s33 | 13n56 | 0s28 | 4s24 | 1n26 | 21n34 | 5n33 | 22s40 | 22s33 | 0n38 | 18s12 | 4n19 |

Julian Day Number = 2612220.5, Delta T = 10m38s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'27, Lahiri = 30°00'28


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## JANUARY 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 41 39 | 10♉ 4'33 | 15♏18 | 23♐ 4 | 2♉13 | 12♒53 | 13°R25 | 21♈40 | 8°R41 | 14♎33 | 15°R 7 | 16♐14 | 15♐ 4 | 16♍26 | 14♐45 | S 1 |
| M 2 | 6 45 36 | 11° 5'40 | 28° 8 | 24°31 | 3°29 | 13°41 | 13♊18 | 21°41 | 8♉40 | 14°34 | 15♌ 6 | 16°16 | 15° 1 | 16°33 | 14°52 | M 2 |
| T 3 | 6 49 32 | 12° 6'48 | 11♐21 | 25°58 | 4°44 | 14°28 | 13°12 | 21°42 | 8°40 | 14°34 | 15° 5 | 16°R17 | 14°58 | 16°39 | 14°59 | T 3 |
| W 4 | 6 53 29 | 13° 7'56 | 24°57 | 27°26 | 6° 0 | 15°15 | 13° 6 | 21°43 | 8°39 | 14°35 | 15° 4 | 16°16 | 14°55 | 16°46 | 15° 6 | W 4 |
| T 5 | 6 57 26 | 14° 9'05 | 8♉56 | 28°55 | 7°15 | 16° 2 | 13° 0 | 21°44 | 8°38 | 14°35 | 15° 3 | 16°15 | 14°52 | 16°53 | 15°13 | T 5 |
| F 6 | 7 1 22 | 15°10'14 | 23°14 | 0♉24 | 8°31 | 16°49 | 12°54 | 21°45 | 8°38 | 14°35 | 15° 1 | 16°12 | 14°49 | 17° 0 | 15°20 | F 6 |
| S 7 | 7 5 19 | 16°11'23 | 7♒46 | 1°54 | 9°46 | 17°36 | 12°49 | 21°47 | 8°37 | 14°36 | 15° 0 | 16° 8 | 14°45 | 17° 6 | 15°27 | S 7 |
| S 8 | 7 9 15 | 17°12'32 | 22°25 | 3°24 | 11° 2 | 18°23 | 12°43 | 21°48 | 8°37 | 14°36 | 14°59 | 16° 3 | 14°42 | 17°13 | 15°34 | S 8 |
| M 9 | 7 13 12 | 18°13'40 | 7♓ 4 | 4°54 | 12°17 | 19°11 | 12°38 | 21°50 | 8°36 | 14°36 | 14°58 | 15°58 | 14°39 | 17°20 | 15°41 | M 9 |
| T 10 | 7 17 8 | 19°14'49 | 21°37 | 6°25 | 13°33 | 19°58 | 12°32 | 21°52 | 8°36 | 14°37 | 14°57 | 15°54 | 14°36 | 17°27 | 15°48 | T 10 |
| W11 | 7 21 5 | 20°15'57 | 5♈59 | 7°56 | 14°48 | 20°45 | 12°27 | 21°54 | 8°36 | 14°37 | 14°55 | 15°52 | 14°33 | 17°33 | 15°55 | W11 |
| T 12 | 7 25 1 | 21°17'05 | 20° 6 | 9°28 | 16° 3 | 21°32 | 12°23 | 21°55 | 8°35 | 14°37 | 14°54 | 15°D51 | 14°30 | 17°40 | 16° 2 | T 12 |
| F 13 | 7 28 58 | 22°18'13 | 3♉58 | 11° 0 | 17°19 | 22°20 | 12°18 | 21°58 | 8°35 | 14°37 | 14°53 | 15°51 | 14°26 | 17°47 | 16° 8 | F 13 |
| S 14 | 7 32 55 | 23°19'20 | 17°34 | 12°32 | 18°34 | 23° 7 | 12°13 | 22° 0 | 8°35 | 14°37 | 14°52 | 15°53 | 14°23 | 17°53 | 16°15 | S 14 |
| S 15 | 7 36 51 | 24°20'27 | 0♊56 | 14° 5 | 19°50 | 23°54 | 12° 9 | 22° 2 | 8°35 | 14°37 | 14°50 | 15°54 | 14°20 | 18° 0 | 16°22 | S 15 |
| M16 | 7 40 48 | 25°21'34 | 14° 4 | 15°38 | 21° 5 | 24°41 | 12° 5 | 22° 4 | 8°35 | 14°R37 | 14°49 | 15°R55 | 14°17 | 18° 7 | 16°28 | M16 |
| T 17 | 7 44 44 | 26°22'40 | 26°59 | 17°12 | 22°21 | 25°29 | 12° 1 | 22° 7 | 8°D35 | 14°37 | 14°48 | 15°55 | 14°14 | 18°14 | 16°35 | T 17 |
| W18 | 7 48 41 | 27°23'46 | 9♋44 | 18°46 | 23°36 | 26°16 | 11°57 | 22° 9 | 8°35 | 14°37 | 14°47 | 15°52 | 14°10 | 18°20 | 16°41 | W18 |
| T 19 | 7 52 37 | 28°24'52 | 22°18 | 20°20 | 24°52 | 27° 3 | 11°54 | 22°12 | 8°35 | 14°37 | 14°45 | 15°47 | 14° 7 | 18°27 | 16°48 | T 19 |
| F 20 | 7 56 34 | 29°25'57 | 4♌41 | 21°55 | 26° 7 | 27°51 | 11°51 | 22°15 | 8°35 | 14°37 | 14°44 | 15°40 | 14° 4 | 18°34 | 16°54 | F 20 |
| S 21 | 8 0 31 | 0♒27'02 | 16°55 | 23°31 | 27°23 | 28°38 | 11°47 | 22°18 | 8°35 | 14°37 | 14°43 | 15°32 | 14° 1 | 18°41 | 17° 0 | S 21 |
| S 22 | 8 4 27 | 1°28'07 | 29° 1 | 25° 6 | 28°38 | 29°25 | 11°44 | 22°21 | 8°35 | 14°36 | 14°41 | 15°23 | 13°58 | 18°47 | 17° 6 | S 22 |
| M23 | 8 8 24 | 2°29'11 | 10♍59 | 26°43 | 29°54 | 0♓13 | 11°42 | 22°24 | 8°36 | 14°36 | 14°40 | 15°14 | 13°55 | 18°54 | 17°13 | M23 |
| T 24 | 8 12 20 | 3°30'15 | 22°52 | 28°20 | 1♒ 9 | 1° 0 | 11°39 | 22°27 | 8°36 | 14°36 | 14°39 | 15° 6 | 13°51 | 19° 1 | 17°19 | T 24 |
| W25 | 8 16 17 | 4°31'19 | 4♎43 | 29°57 | 2°25 | 1°47 | 11°37 | 22°30 | 8°37 | 14°36 | 14°37 | 14°59 | 13°48 | 19° 7 | 17°25 | W25 |
| T 26 | 8 20 13 | 5°32'22 | 16°36 | 1♒35 | 3°40 | 2°34 | 11°35 | 22°33 | 8°37 | 14°35 | 14°36 | 14°55 | 13°45 | 19°14 | 17°31 | T 26 |
| F 27 | 8 24 10 | 6°33'25 | 28°34 | 3°13 | 4°55 | 3°22 | 11°33 | 22°37 | 8°37 | 14°35 | 14°35 | 14°52 | 13°42 | 19°21 | 17°37 | F 27 |
| S 28 | 8 28 6 | 7°34'28 | 10♏43 | 4°52 | 6°11 | 4° 9 | 11°31 | 22°40 | 8°38 | 14°35 | 14°33 | 14°D52 | 13°39 | 19°28 | 17°43 | S 28 |
| S 29 | 8 32 3 | 8°35'30 | 23° 8 | 6°32 | 7°26 | 4°56 | 11°29 | 22°44 | 8°39 | 14°34 | 14°32 | 14°53 | 13°36 | 19°34 | 17°48 | S 29 |
| M30 | 8 36 0 | 9°36'33 | 5♐54 | 8°12 | 8°42 | 5°44 | 11°28 | 22°48 | 8°39 | 14°34 | 14°30 | 14°54 | 13°32 | 19°41 | 17°54 | M30 |
| T 31 | 8 39 56 | 10♒37'34 | 19♐ 4 | 9♒53 | 9♒57 | 6♓31 | 11♊27 | 22♈52 | 8♉40 | 14♎33 | 14♌29 | 14°R54 | 13♐29 | 19♍48 | 18♐ 0 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 0 | 18s58 | 2s42 | 22s43 | 0n30 | 23s23 | 0s 1 | 18s 2 | 1s11 | 21n40 | 0s42 | 6n 4 | 2s32 | 13n56 | 0s28 | 4s24 | 1n26 | 21n34 | 5n33 | 22s40 | 22s33 | 0n36 | 18s13 | 4n19 |
| M 2 | 22 55 | 21 17 | 1 38 | 22 54 | 0 22 | 23 24 | 0 4 | 17 49 | 1 11 | 21 39 | 0 41 | 6 5 | 2 32 | 13 55 | 0 28 | 4 24 | 1 26 | 21 34 | 5 34 | 22 40 | 22 33 | 0 33 | 18 13 | 4 20 |
| T 3 | 22 50 | 22 32 | 0 27 | 23 5 | 0 14 | 23 24 | 0 6 | 17 35 | 1 11 | 21 39 | 0 41 | 6 5 | 2 32 | 13 55 | 0 28 | 4 24 | 1 26 | 21 35 | 5 34 | 22 41 | 22 32 | 0 31 | 18 14 | 4 20 |
| W 4 | 22 44 | 22 30 | 0n47 | 23 15 | 0 7 | 23 23 | 0 9 | 17 21 | 1 10 | 21 38 | 0 41 | 6 6 | 2 32 | 13 55 | 0 27 | 4 25 | 1 26 | 21 35 | 5 34 | 22 41 | 22 32 | 0 28 | 18 14 | 4 21 |
| T 5 | 22 38 | 21 4 | 2 1 | 23 24 | 0s 1 | 23 22 | 0 11 | 17 6 | 1 10 | 21 38 | 0 41 | 6 7 | 2 31 | 13 55 | 0 27 | 4 25 | 1 26 | 21 36 | 5 34 | 22 40 | 22 31 | 0 26 | 18 14 | 4 21 |
| F 6 | 22 31 | 18 17 | 3 9 | 23 31 | 0 8 | 23 20 | 0 13 | 16 52 | 1 10 | 21 37 | 0 41 | 6 7 | 2 31 | 13 55 | 0 27 | 4 25 | 1 26 | 21 36 | 5 34 | 22 40 | 22 31 | 0 23 | 18 15 | 4 21 |
| S 7 | 22 24 | 14 20 | 4 5 | 23 38 | 0 15 | 23 17 | 0 16 | 16 37 | 1 9 | 21 37 | 0 40 | 6 8 | 2 31 | 13 55 | 0 27 | 4 25 | 1 26 | 21 37 | 5 34 | 22 40 | 22 31 | 0 20 | 18 15 | 4 22 |
| S 8 | 22 17 | 9 30 | 4 46 | 23 43 | 0 23 | 23 14 | 0 18 | 16 22 | 1 9 | 21 36 | 0 40 | 6 9 | 2 30 | 13 54 | 0 27 | 4 25 | 1 26 | 21 37 | 5 34 | 22 39 | 22 30 | 0 18 | 18 15 | 4 22 |
| M 9 | 22 9 | 4 7 | 5 8 | 23 47 | 0 29 | 23 9 | 0 21 | 16 7 | 1 9 | 21 36 | 0 40 | 6 10 | 2 30 | 13 54 | 0 27 | 4 25 | 1 26 | 21 38 | 5 35 | 22 39 | 22 30 | 0 15 | 18 16 | 4 23 |
| T 10 | 22 0 | 1n26 | 5 10 | 23 50 | 0 36 | 23 4 | 0 23 | 15 52 | 1 8 | 21 35 | 0 40 | 6 11 | 2 30 | 13 54 | 0 27 | 4 25 | 1 26 | 21 38 | 5 35 | 22 38 | 22 30 | 0 13 | 18 16 | 4 23 |
| W11 | 21 51 | 6 51 | 4 53 | 23 51 | 0 43 | 22 59 | 0 25 | 15 37 | 1 8 | 21 35 | 0 40 | 6 12 | 2 30 | 13 54 | 0 27 | 4 25 | 1 26 | 21 39 | 5 35 | 22 38 | 22 29 | 0 10 | 18 16 | 4 23 |
| T 12 | 21 42 | 11 49 | 4 18 | 23 52 | 0 49 | 22 52 | 0 27 | 15 21 | 1 7 | 21 34 | 0 39 | 6 13 | 2 29 | 13 54 | 0 27 | 4 25 | 1 27 | 21 39 | 5 35 | 22 38 | 22 29 | 0 8 | 18 17 | 4 24 |
| F 13 | 21 32 | 16 5 | 3 29 | 23 51 | 0 55 | 22 45 | 0 30 | 15 6 | 1 7 | 21 34 | 0 39 | 6 14 | 2 29 | 13 54 | 0 27 | 4 25 | 1 27 | 21 40 | 5 35 | 22 38 | 22 29 | 0 5 | 18 17 | 4 24 |
| S 14 | 21 22 | 19 24 | 2 28 | 23 48 | 1 1 | 22 37 | 0 32 | 14 50 | 1 7 | 21 34 | 0 39 | 6 15 | 2 29 | 13 54 | 0 27 | 4 25 | 1 27 | 21 40 | 5 35 | 22 38 | 22 28 | 0 3 | 18 17 | 4 25 |
| S 15 | 21 12 | 21 37 | 1 21 | 23 45 | 1 7 | 22 29 | 0 34 | 14 34 | 1 6 | 21 33 | 0 39 | 6 16 | 2 29 | 13 54 | 0 27 | 4 25 | 1 27 | 21 41 | 5 35 | 22 38 | 22 28 | 0 0 | 18 17 | 4 25 |
| M16 | 21 1 | 22 36 | 0 10 | 23 40 | 1 13 | 22 20 | 0 36 | 14 18 | 1 6 | 21 33 | 0 38 | 6 17 | 2 28 | 13 54 | 0 27 | 4 25 | 1 27 | 21 41 | 5 36 | 22 38 | 22 27 | 0s 3 | 18 17 | 4 26 |
| T 17 | 20 50 | 22 21 | 1s 0 | 23 34 | 1 18 | 22 10 | 0 39 | 14 2 | 1 5 | 21 33 | 0 38 | 6 18 | 2 28 | 13 54 | 0 27 | 4 25 | 1 27 | 21 42 | 5 36 | 22 38 | 22 27 | 0 5 | 18 18 | 4 26 |
| W18 | 20 38 | 20 56 | 2 5 | 23 27 | 1 23 | 21 59 | 0 41 | 13 45 | 1 5 | 21 32 | 0 38 | 6 19 | 2 28 | 13 54 | 0 27 | 4 25 | 1 27 | 21 42 | 5 36 | 22 38 | 22 27 | 0 8 | 18 18 | 4 27 |
| T 19 | 20 26 | 18 31 | 3 4 | 23 18 | 1 28 | 21 48 | 0 43 | 13 29 | 1 5 | 21 32 | 0 38 | 6 20 | 2 28 | 13 54 | 0 27 | 4 25 | 1 27 | 21 43 | 5 36 | 22 38 | 22 26 | 0 10 | 18 18 | 4 27 |
| F 20 | 20 13 | 15 17 | 3 53 | 23 8 | 1 33 | 21 36 | 0 45 | 13 12 | 1 4 | 21 32 | 0 38 | 6 22 | 2 27 | 13 54 | 0 27 | 4 25 | 1 27 | 21 43 | 5 36 | 22 37 | 22 26 | 0 13 | 18 18 | 4 28 |
| S 21 | 20 0 | 11 26 | 4 30 | 22 56 | 1 37 | 21 24 | 0 47 | 12 55 | 1 4 | 21 32 | 0 37 | 6 23 | 2 27 | 13 54 | 0 27 | 4 24 | 1 27 | 21 44 | 5 36 | 22 36 | 22 26 | 0 15 | 18 18 | 4 28 |
| S 22 | 19 47 | 7 11 | 4 55 | 22 43 | 1 41 | 21 11 | 0 49 | 12 38 | 1 3 | 21 32 | 0 37 | 6 24 | 2 27 | 13 54 | 0 27 | 4 24 | 1 27 | 21 44 | 5 36 | 22 35 | 22 25 | 0 18 | 18 18 | 4 29 |
| M23 | 19 33 | 2 42 | 5 6 | 22 29 | 1 45 | 20 57 | 0 51 | 12 21 | 1 3 | 21 31 | 0 37 | 6 26 | 2 26 | 13 55 | 0 27 | 4 24 | 1 27 | 21 45 | 5 36 | 22 34 | 22 25 | 0 20 | 18 18 | 4 29 |
| T 24 | 19 19 | 1s50 | 5 4 | 22 13 | 1 48 | 20 43 | 0 53 | 12 4 | 1 3 | 21 31 | 0 37 | 6 27 | 2 26 | 13 55 | 0 27 | 4 24 | 1 27 | 21 45 | 5 36 | 22 33 | 22 24 | 0 23 | 18 18 | 4 30 |
| W25 | 19 5 | 6 18 | 4 49 | 21 56 | 1 52 | 20 28 | 0 55 | 11 47 | 1 2 | 21 31 | 0 36 | 6 29 | 2 26 | 13 55 | 0 27 | 4 24 | 1 27 | 21 46 | 5 37 | 22 32 | 22 24 | 0 25 | 18 18 | 4 30 |
| T 26 | 18 50 | 10 32 | 4 22 | 21 37 | 1 55 | 20 12 | 0 56 | 11 29 | 1 2 | 21 31 | 0 36 | 6 30 | 2 26 | 13 55 | 0 27 | 4 24 | 1 27 | 21 46 | 5 37 | 22 32 | 22 24 | 0 28 | 18 18 | 4 31 |
| F 27 | 18 35 | 14 24 | 3 43 | 21 17 | 1 57 | 19 56 | 0 58 | 11 12 | 1 1 | 21 31 | 0 36 | 6 32 | 2 25 | 13 55 | 0 27 | 4 24 | 1 27 | 21 47 | 5 37 | 22 32 | 22 23 | 0 30 | 18 18 | 4 31 |
| S 28 | 18 20 | 17 44 | 2 53 | 20 56 | 2 0 | 19 39 | 1 0 | 10 54 | 1 1 | 21 31 | 0 36 | 6 33 | 2 25 | 13 55 | 0 27 | 4 23 | 1 27 | 21 47 | 5 37 | 22 32 | 22 23 | 0 33 | 18 18 | 4 32 |
| S 29 | 18 4 | 20 21 | 1 54 | 20 33 | 2 2 | 19 22 | 1 2 | 10 37 | 1 0 | 21 31 | 0 36 | 6 35 | 2 25 | 13 56 | 0 27 | 4 23 | 1 27 | 21 48 | 5 37 | 22 32 | 22 23 | 0 36 | 18 18 | 4 32 |
| M30 | 17 48 | 22 2 | 0 48 | 20 9 | 2 3 | 19 4 | 1 3 | 10 19 | 1 0 | 21 31 | 0 35 | 6 36 | 2 25 | 13 56 | 0 27 | 4 23 | 1 27 | 21 48 | 5 37 | 22 32 | 22 22 | 0 38 | 18 18 | 4 33 |
| T 31 | 17s32 | 22s34 | 0n22 | 19s44 | 2s 4 | 18s45 | 1s 5 | 10s 1 | 0s59 | 21n31 | 0s35 | 6n38 | 2s24 | 13n56 | 0s27 | 4s23 | 1n28 | 21n49 | 5n37 | 22s32 | 22s22 | 0s41 | 18s18 | 4n33 |

Julian Day Number = 2612251.5, Delta T = 10m38s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'32, Lahiri = 30°00'32


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## FEBRUARY 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 43 53 | 11♒38'36 | 2♉43 | 11♒34 | 11♒13 | 7♓18 | 11°R26 | 22♈56 | 8♉41 | 14°R33 | 14°R28 | 14°R53 | 13♐26 | 19♍54 | 18♐ 6 | W 1 |
| T 2 | 8 47 49 | 12°39'36 | 16°49 | 13°16 | 12°28 | 8° 6 | 11♊25 | 23° 0 | 8°42 | 14♎32 | 14♌26 | 14♐49 | 13°23 | 20° 1 | 18°11 | T 2 |
| F 3 | 8 51 46 | 13°40'36 | 1♒22 | 14°59 | 13°43 | 8°53 | 11°25 | 23° 4 | 8°42 | 14°32 | 14°25 | 14°42 | 13°20 | 20° 8 | 18°17 | F 3 |
| S 4 | 8 55 42 | 14°41'36 | 16°15 | 16°42 | 14°59 | 9°40 | 11°24 | 23° 8 | 8°43 | 14°31 | 14°24 | 14°34 | 13°16 | 20°15 | 18°22 | S 4 |
| S 5 | 8 59 39 | 15°42'34 | 1♓20 | 18°26 | 16°14 | 10°28 | 11°D24 | 23°12 | 8°44 | 14°30 | 14°22 | 14°24 | 13°13 | 20°21 | 18°27 | S 5 |
| M 6 | 9 3 35 | 16°43'31 | 16°27 | 20°10 | 17°30 | 11°15 | 11°24 | 23°16 | 8°45 | 14°30 | 14°21 | 14°14 | 13°10 | 20°28 | 18°32 | M 6 |
| T 7 | 9 7 32 | 17°44'27 | 1♈25 | 21°55 | 18°45 | 12° 2 | 11°25 | 23°21 | 8°46 | 14°29 | 14°19 | 14° 6 | 13° 7 | 20°35 | 18°38 | T 7 |
| W 8 | 9 11 29 | 18°45'22 | 16° 6 | 23°41 | 20° 0 | 12°50 | 11°25 | 23°25 | 8°48 | 14°28 | 14°18 | 13°59 | 13° 4 | 20°42 | 18°43 | W 8 |
| T 9 | 9 15 25 | 19°46'16 | 0♉26 | 25°27 | 21°16 | 13°37 | 11°26 | 23°30 | 8°49 | 14°27 | 14°17 | 13°55 | 13° 1 | 20°48 | 18°48 | T 9 |
| F 10 | 9 19 22 | 20°47'08 | 14°22 | 27°13 | 22°31 | 14°24 | 11°27 | 23°35 | 8°50 | 14°27 | 14°15 | 13°54 | 12°57 | 20°55 | 18°53 | F 10 |
| S 11 | 9 23 18 | 21°48'00 | 27°55 | 29° 0 | 23°46 | 15°11 | 11°28 | 23°40 | 8°51 | 14°26 | 14°14 | 13°D54 | 12°54 | 21° 2 | 18°57 | S 11 |
| S 12 | 9 27 15 | 22°48'49 | 11♊ 6 | 0♓47 | 25° 2 | 15°59 | 11°29 | 23°44 | 8°53 | 14°25 | 14°13 | 13°R54 | 12°51 | 21° 8 | 19° 2 | S 12 |
| M13 | 9 31 11 | 23°49'38 | 24° 0 | 2°34 | 26°17 | 16°46 | 11°31 | 23°49 | 8°54 | 14°24 | 14°11 | 13°54 | 12°48 | 21°15 | 19° 7 | M13 |
| T 14 | 9 35 8 | 24°50'25 | 6♋39 | 4°22 | 27°32 | 17°33 | 11°32 | 23°54 | 8°55 | 14°23 | 14°10 | 13°51 | 12°45 | 21°22 | 19°12 | T 14 |
| W15 | 9 39 4 | 25°51'10 | 19° 6 | 6° 9 | 28°47 | 18°20 | 11°34 | 23°59 | 8°57 | 14°22 | 14° 8 | 13°46 | 12°42 | 21°29 | 19°16 | W15 |
| T 16 | 9 43 1 | 26°51'54 | 1♌23 | 7°56 | 0♓ 3 | 19° 7 | 11°36 | 24° 5 | 8°58 | 14°21 | 14° 7 | 13°38 | 12°38 | 21°35 | 19°21 | T 16 |
| F 17 | 9 46 58 | 27°52'37 | 13°33 | 9°42 | 1°18 | 19°54 | 11°39 | 24°10 | 9° 0 | 14°20 | 14° 6 | 13°27 | 12°35 | 21°42 | 19°25 | F 17 |
| S 18 | 9 50 54 | 28°53'18 | 25°37 | 11°28 | 2°33 | 20°41 | 11°41 | 24°15 | 9° 1 | 14°19 | 14° 4 | 13°14 | 12°32 | 21°49 | 19°29 | S 18 |
| S 19 | 9 54 51 | 29°53'58 | 7♍36 | 13°13 | 3°48 | 21°29 | 11°44 | 24°21 | 9° 3 | 14°18 | 14° 3 | 13° 0 | 12°29 | 21°55 | 19°33 | S 19 |
| M20 | 9 58 47 | 0♓54'37 | 19°31 | 14°56 | 5° 4 | 22°16 | 11°47 | 24°26 | 9° 5 | 14°17 | 14° 2 | 12°46 | 12°26 | 22° 2 | 19°37 | M20 |
| T 21 | 10 2 44 | 1°55'14 | 1♎23 | 16°38 | 6°19 | 23° 3 | 11°50 | 24°31 | 9° 7 | 14°16 | 14° 0 | 12°32 | 12°22 | 22° 9 | 19°41 | T 21 |
| W22 | 10 6 40 | 2°55'50 | 13°14 | 18°17 | 7°34 | 23°50 | 11°53 | 24°37 | 9° 8 | 14°15 | 13°59 | 12°21 | 12°19 | 22°16 | 19°45 | W22 |
| T 23 | 10 10 37 | 3°56'25 | 25° 7 | 19°53 | 8°49 | 24°37 | 11°57 | 24°43 | 9°10 | 14°14 | 13°58 | 12°13 | 12°16 | 22°22 | 19°49 | T 23 |
| F 24 | 10 14 33 | 4°56'59 | 7♏ 5 | 21°27 | 10° 4 | 25°24 | 12° 0 | 24°48 | 9°12 | 14°12 | 13°57 | 12° 7 | 12°13 | 22°29 | 19°53 | F 24 |
| S 25 | 10 18 30 | 5°57'31 | 19°12 | 22°56 | 11°19 | 26°11 | 12° 4 | 24°54 | 9°14 | 14°11 | 13°55 | 12° 5 | 12°10 | 22°36 | 19°57 | S 25 |
| S 26 | 10 22 26 | 6°58'03 | 1♐33 | 24°21 | 12°35 | 26°58 | 12° 8 | 25° 0 | 9°16 | 14°10 | 13°54 | 12° 4 | 12° 7 | 22°42 | 20° 0 | S 26 |
| M27 | 10 26 23 | 7°58'33 | 14°13 | 25°41 | 13°50 | 27°45 | 12°13 | 25° 6 | 9°18 | 14° 9 | 13°53 | 12° 4 | 12° 3 | 22°49 | 20° 4 | M27 |
| T 28 | 10 30 20 | 8°59'02 | 27°16 | 26°55 | 15° 5 | 28°31 | 12°17 | 25°12 | 9°20 | 14° 7 | 13°52 | 12° 3 | 12° 0 | 22°56 | 20° 7 | T 28 |
| W29 | 10 34 16 | 9♓59'29 | 10♉47 | 28♓ 3 | 16♓20 | 29♓18 | 12♊22 | 25♈18 | 9♉22 | 14♎ 6 | 13♌50 | 12♐ 1 | 11♐57 | 23♍ 3 | 20♐10 | W29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s15 | 21s47 | 1n34 | 19s17 | 2s 5 | 18s26 | 1s 6 | 9s43 | 0s59 | 21n31 | 0s35 | 6n40 | 2s24 | 13n56 | 0s27 | 4s22 | 1n28 | 21n49 | 5n37 | 22s32 | 22s21 | 0s43 | 18s18 | 4n34 |
| T 2 | 16 58 | 19 39 | 2 42 | 18 48 | 2 6 | 18 7 | 1 8 | 9 25 | 0 58 | 21 31 | 0 35 | 6 41 | 2 24 | 13 57 | 0 27 | 4 22 | 1 28 | 21 50 | 5 37 | 22 31 | 22 21 | 0 46 | 18 18 | 4 34 |
| F 3 | 16 41 | 16 12 | 3 42 | 18 18 | 2 6 | 17 46 | 1 9 | 9 7 | 0 58 | 21 32 | 0 34 | 6 43 | 2 24 | 13 57 | 0 27 | 4 22 | 1 28 | 21 50 | 5 37 | 22 30 | 22 21 | 0 48 | 18 18 | 4 35 |
| S 4 | 16 23 | 11 40 | 4 28 | 17 47 | 2 5 | 17 26 | 1 11 | 8 49 | 0 57 | 21 32 | 0 34 | 6 45 | 2 24 | 13 57 | 0 27 | 4 22 | 1 28 | 21 51 | 5 37 | 22 29 | 22 20 | 0 51 | 18 18 | 4 36 |
| S 5 | 16 5 | 6 22 | 4 56 | 17 14 | 2 4 | 17 5 | 1 12 | 8 30 | 0 57 | 21 32 | 0 34 | 6 46 | 2 23 | 13 58 | 0 27 | 4 21 | 1 28 | 21 51 | 5 37 | 22 28 | 22 20 | 0 53 | 18 18 | 4 36 |
| M 6 | 15 47 | 0 41 | 5 3 | 16 40 | 2 3 | 16 43 | 1 13 | 8 12 | 0 56 | 21 32 | 0 34 | 6 48 | 2 23 | 13 58 | 0 26 | 4 21 | 1 28 | 21 52 | 5 38 | 22 27 | 22 19 | 0 56 | 18 18 | 4 37 |
| T 7 | 15 29 | 5n 0 | 4 50 | 16 5 | 2 1 | 16 21 | 1 15 | 7 53 | 0 56 | 21 33 | 0 33 | 6 50 | 2 23 | 13 58 | 0 26 | 4 21 | 1 28 | 21 52 | 5 38 | 22 26 | 22 19 | 0 58 | 18 17 | 4 37 |
| W 8 | 15 10 | 10 17 | 4 18 | 15 28 | 1 59 | 15 59 | 1 16 | 7 35 | 0 55 | 21 33 | 0 33 | 6 52 | 2 23 | 13 59 | 0 26 | 4 20 | 1 28 | 21 53 | 5 38 | 22 25 | 22 19 | 1 1 | 18 17 | 4 38 |
| T 9 | 14 51 | 14 52 | 3 30 | 14 50 | 1 56 | 15 36 | 1 17 | 7 16 | 0 55 | 21 33 | 0 33 | 6 54 | 2 22 | 13 59 | 0 26 | 4 20 | 1 28 | 21 53 | 5 38 | 22 25 | 22 18 | 1 3 | 18 17 | 4 38 |
| F 10 | 14 32 | 18 30 | 2 30 | 14 10 | 1 53 | 15 12 | 1 18 | 6 58 | 0 54 | 21 33 | 0 33 | 6 56 | 2 22 | 14 0 | 0 26 | 4 20 | 1 28 | 21 54 | 5 38 | 22 25 | 22 18 | 1 6 | 18 17 | 4 39 |
| S 11 | 14 12 | 21 1 | 1 24 | 13 29 | 1 49 | 14 49 | 1 19 | 6 39 | 0 54 | 21 34 | 0 33 | 6 58 | 2 22 | 14 0 | 0 26 | 4 19 | 1 28 | 21 54 | 5 38 | 22 25 | 22 17 | 1 8 | 18 17 | 4 40 |
| S 12 | 13 53 | 22 18 | 0 15 | 12 47 | 1 44 | 14 24 | 1 20 | 6 20 | 0 53 | 21 34 | 0 32 | 7 0 | 2 22 | 14 0 | 0 26 | 4 19 | 1 28 | 21 55 | 5 38 | 22 25 | 22 17 | 1 11 | 18 16 | 4 40 |
| M13 | 13 33 | 22 21 | 0s53 | 12 4 | 1 39 | 14 0 | 1 21 | 6 1 | 0 53 | 21 35 | 0 32 | 7 2 | 2 21 | 14 1 | 0 26 | 4 18 | 1 28 | 21 55 | 5 38 | 22 25 | 22 17 | 1 13 | 18 16 | 4 41 |
| T 14 | 13 13 | 21 15 | 1 58 | 11 20 | 1 33 | 13 35 | 1 22 | 5 43 | 0 52 | 21 35 | 0 32 | 7 4 | 2 21 | 14 1 | 0 26 | 4 18 | 1 28 | 21 56 | 5 38 | 22 24 | 22 16 | 1 16 | 18 16 | 4 42 |
| W15 | 12 52 | 19 8 | 2 55 | 10 35 | 1 27 | 13 9 | 1 23 | 5 24 | 0 52 | 21 36 | 0 32 | 7 6 | 2 21 | 14 2 | 0 26 | 4 18 | 1 28 | 21 56 | 5 38 | 22 24 | 22 16 | 1 18 | 18 16 | 4 42 |
| T 16 | 12 32 | 16 10 | 3 43 | 9 48 | 1 20 | 12 44 | 1 23 | 5 5 | 0 51 | 21 36 | 0 31 | 7 8 | 2 21 | 14 2 | 0 26 | 4 17 | 1 28 | 21 56 | 5 38 | 22 23 | 22 15 | 1 21 | 18 15 | 4 43 |
| F 17 | 12 11 | 12 33 | 4 21 | 9 1 | 1 12 | 12 18 | 1 24 | 4 46 | 0 50 | 21 37 | 0 31 | 7 10 | 2 21 | 14 3 | 0 26 | 4 17 | 1 28 | 21 57 | 5 38 | 22 22 | 22 15 | 1 23 | 18 15 | 4 43 |
| S 18 | 11 50 | 8 27 | 4 46 | 8 13 | 1 3 | 11 51 | 1 25 | 4 27 | 0 50 | 21 37 | 0 31 | 7 12 | 2 20 | 14 3 | 0 26 | 4 16 | 1 28 | 21 57 | 5 38 | 22 20 | 22 15 | 1 26 | 18 15 | 4 44 |
| S 19 | 11 29 | 4 4 | 4 59 | 7 25 | 0 54 | 11 25 | 1 25 | 4 8 | 0 49 | 21 38 | 0 31 | 7 14 | 2 20 | 14 4 | 0 26 | 4 16 | 1 28 | 21 58 | 5 38 | 22 18 | 22 14 | 1 28 | 18 14 | 4 45 |
| M20 | 11 7 | 0s26 | 4 58 | 6 36 | 0 44 | 10 58 | 1 26 | 3 49 | 0 49 | 21 38 | 0 31 | 7 16 | 2 20 | 14 5 | 0 26 | 4 15 | 1 28 | 21 58 | 5 38 | 22 16 | 22 14 | 1 31 | 18 14 | 4 45 |
| T 21 | 10 46 | 4 54 | 4 44 | 5 47 | 0 34 | 10 30 | 1 26 | 3 30 | 0 48 | 21 39 | 0 30 | 7 19 | 2 20 | 14 5 | 0 26 | 4 15 | 1 29 | 21 59 | 5 38 | 22 15 | 22 13 | 1 33 | 18 14 | 4 46 |
| W22 | 10 24 | 9 11 | 4 18 | 4 58 | 0 22 | 10 3 | 1 26 | 3 10 | 0 48 | 21 40 | 0 30 | 7 21 | 2 20 | 14 6 | 0 26 | 4 15 | 1 29 | 21 59 | 5 38 | 22 13 | 22 13 | 1 36 | 18 13 | 4 47 |
| T 23 | 10 2 | 13 7 | 3 41 | 4 9 | 0 10 | 9 35 | 1 27 | 2 51 | 0 47 | 21 40 | 0 30 | 7 23 | 2 19 | 14 6 | 0 26 | 4 14 | 1 29 | 21 59 | 5 38 | 22 12 | 22 13 | 1 38 | 18 13 | 4 47 |
| F 24 | 9 40 | 16 35 | 2 54 | 3 21 | 0n 2 | 9 7 | 1 27 | 2 32 | 0 46 | 21 41 | 0 30 | 7 25 | 2 19 | 14 7 | 0 26 | 4 14 | 1 29 | 22 0 | 5 38 | 22 11 | 22 12 | 1 41 | 18 13 | 4 48 |
| S 25 | 9 18 | 19 22 | 1 58 | 2 34 | 0 15 | 8 38 | 1 27 | 2 13 | 0 46 | 21 42 | 0 30 | 7 28 | 2 19 | 14 8 | 0 26 | 4 13 | 1 29 | 22 0 | 5 38 | 22 11 | 22 12 | 1 43 | 18 12 | 4 49 |
| S 26 | 8 56 | 21 19 | 0 55 | 1 48 | 0 29 | 8 10 | 1 27 | 1 54 | 0 45 | 21 42 | 0 29 | 7 30 | 2 19 | 14 8 | 0 26 | 4 13 | 1 29 | 22 1 | 5 38 | 22 11 | 22 11 | 1 46 | 18 12 | 4 49 |
| M27 | 8 34 | 22 16 | 0n11 | 1 3 | 0 43 | 7 41 | 1 27 | 1 35 | 0 45 | 21 43 | 0 29 | 7 32 | 2 19 | 14 9 | 0 26 | 4 12 | 1 29 | 22 1 | 5 38 | 22 11 | 22 11 | 1 48 | 18 11 | 4 50 |
| T 28 | 8 11 | 22 2 | 1 19 | 0 20 | 0 58 | 7 12 | 1 27 | 1 16 | 0 44 | 21 44 | 0 29 | 7 35 | 2 19 | 14 10 | 0 26 | 4 12 | 1 29 | 22 1 | 5 38 | 22 11 | 22 10 | 1 51 | 18 11 | 4 51 |
| W29 | 7s48 | 20s32 | 2n25 | 0n20 | 1n12 | 6s43 | 1s27 | 0s56 | 0s44 | 21n45 | 0s29 | 7n37 | 2s18 | 14n10 | 0s26 | 4s11 | 1n29 | 22n 2 | 5n38 | 22s11 | 22s10 | 1s53 | 18s11 | 4n51 |

Julian Day Number = 2612282.5, Delta T = 10m39s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'36, Lahiri = 30°00'36


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## MARCH 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 38 13 | 10♓59'56 | 24♉49 | 29♓ 3 | 17♓35 | 0♈ 5 | 12♊26 | 25♈24 | 9♉24 | 14°R 5 | 13°R49 | 11°R57 | 11♐54 | 23♍ 9 | 20♐13 | T 1 |
| F 2 | 10 42 9 | 12° 0'21 | 9♒20 | 29°56 | 18°50 | 0°52 | 12°31 | 25°30 | 9°26 | 14♎ 4 | 13♎48 | 11♐49 | 11°51 | 23°16 | 20°17 | F 2 |
| S 3 | 10 46 6 | 13° 0'44 | 24°16 | 0♈41 | 20° 5 | 1°39 | 12°36 | 25°37 | 9°28 | 14° 2 | 13°47 | 11°39 | 11°48 | 23°23 | 20°20 | S 3 |
| S 4 | 10 50 2 | 14° 1'06 | 9♓30 | 1°16 | 21°20 | 2°26 | 12°42 | 25°43 | 9°31 | 14° 1 | 13°46 | 11°28 | 11°44 | 23°30 | 20°22 | S 4 |
| M 5 | 10 53 59 | 15° 1'26 | 24°50 | 1°43 | 22°35 | 3°12 | 12°47 | 25°49 | 9°33 | 13°59 | 13°44 | 11°16 | 11°41 | 23°36 | 20°25 | M 5 |
| T 6 | 10 57 55 | 16° 1'44 | 10♈ 6 | 2° 0 | 23°50 | 3°59 | 12°53 | 25°55 | 9°35 | 13°58 | 13°43 | 11° 6 | 11°38 | 23°43 | 20°28 | T 6 |
| W 7 | 11 1 52 | 17° 2'01 | 25° 6 | 2°R 7 | 25° 5 | 4°46 | 12°58 | 26° 2 | 9°38 | 13°57 | 13°42 | 10°58 | 11°35 | 23°50 | 20°30 | W 7 |
| T 8 | 11 5 49 | 18° 2'16 | 9♉42 | 2° 5 | 26°20 | 5°32 | 13° 4 | 26° 8 | 9°40 | 13°55 | 13°41 | 10°52 | 11°32 | 23°56 | 20°33 | T 8 |
| F 9 | 11 9 45 | 19° 2'28 | 23°51 | 1°54 | 27°35 | 6°19 | 13°11 | 26°15 | 9°43 | 13°54 | 13°40 | 10°50 | 11°28 | 24° 3 | 20°35 | F 9 |
| S 10 | 11 13 42 | 20° 2'39 | 7♊32 | 1°33 | 28°50 | 7° 5 | 13°17 | 26°22 | 9°45 | 13°52 | 13°39 | 10°D49 | 11°25 | 24°10 | 20°38 | S 10 |
| S 11 | 11 17 38 | 21° 2'48 | 20°46 | 1° 4 | 0♈ 5 | 7°52 | 13°23 | 26°28 | 9°48 | 13°51 | 13°38 | 10°R49 | 11°22 | 24°17 | 20°40 | S 11 |
| M12 | 11 21 35 | 22° 2'54 | 3♋38 | 0°27 | 1°20 | 8°38 | 13°30 | 26°35 | 9°50 | 13°49 | 13°37 | 10°48 | 11°19 | 24°23 | 20°42 | M12 |
| T 13 | 11 25 31 | 23° 2'59 | 16°11 | 29♓43 | 2°34 | 9°25 | 13°37 | 26°42 | 9°53 | 13°48 | 13°36 | 10°46 | 11°16 | 24°30 | 20°44 | T 13 |
| W14 | 11 29 28 | 24° 3'01 | 28°29 | 28°53 | 3°49 | 10°11 | 13°44 | 26°48 | 9°55 | 13°46 | 13°35 | 10°42 | 11°13 | 24°37 | 20°46 | W14 |
| T 15 | 11 33 24 | 25° 3'01 | 10♌37 | 27°59 | 5° 4 | 10°58 | 13°51 | 26°55 | 9°58 | 13°45 | 13°34 | 10°34 | 11° 9 | 24°43 | 20°48 | T 15 |
| F 16 | 11 37 21 | 26° 2'59 | 22°38 | 27° 2 | 6°19 | 11°44 | 13°58 | 27° 2 | 10° 1 | 13°43 | 13°33 | 10°24 | 11° 6 | 24°50 | 20°49 | F 16 |
| S 17 | 11 41 18 | 27° 2'55 | 4♍34 | 26° 3 | 7°33 | 12°30 | 14° 5 | 27° 9 | 10° 3 | 13°42 | 13°32 | 10°12 | 11° 3 | 24°57 | 20°51 | S 17 |
| S 18 | 11 45 14 | 28° 2'50 | 16°28 | 25° 4 | 8°48 | 13°17 | 14°13 | 27°16 | 10° 6 | 13°40 | 13°31 | 9°58 | 11° 0 | 25° 4 | 20°52 | S 18 |
| M19 | 11 49 11 | 29° 2'42 | 28°20 | 24° 5 | 10° 3 | 14° 3 | 14°20 | 27°23 | 10° 9 | 13°38 | 13°30 | 9°45 | 10°57 | 25°10 | 20°54 | M19 |
| T 20 | 11 53 7 | 0♈ 2'32 | 10♎13 | 23° 9 | 11°17 | 14°49 | 14°28 | 27°30 | 10°12 | 13°37 | 13°29 | 9°32 | 10°53 | 25°17 | 20°55 | T 20 |
| W21 | 11 57 4 | 1° 2'20 | 22° 7 | 22°16 | 12°32 | 15°35 | 14°36 | 27°37 | 10°14 | 13°35 | 13°28 | 9°21 | 10°50 | 25°24 | 20°56 | W21 |
| T 22 | 12 1 0 | 2° 2'07 | 4♏ 5 | 21°26 | 13°47 | 16°21 | 14°44 | 27°44 | 10°17 | 13°34 | 13°27 | 9°13 | 10°47 | 25°30 | 20°57 | T 22 |
| F 23 | 12 4 57 | 3° 1'52 | 16° 8 | 20°42 | 15° 1 | 17° 8 | 14°52 | 27°51 | 10°20 | 13°32 | 13°27 | 9° 8 | 10°44 | 25°37 | 20°58 | F 23 |
| S 24 | 12 8 53 | 4° 1'35 | 28°19 | 20° 3 | 16°16 | 17°54 | 15° 1 | 27°58 | 10°23 | 13°30 | 13°26 | 9° 5 | 10°41 | 25°44 | 20°59 | S 24 |
| S 25 | 12 12 50 | 5° 1'16 | 10♐43 | 19°30 | 17°30 | 18°40 | 15° 9 | 28° 5 | 10°26 | 13°29 | 13°25 | 9°D 5 | 10°38 | 25°51 | 21° 0 | S 25 |
| M26 | 12 16 47 | 6° 0'56 | 23°22 | 19° 3 | 18°45 | 19°26 | 15°18 | 28°12 | 10°29 | 13°27 | 13°24 | 9° 5 | 10°34 | 25°57 | 21° 0 | M26 |
| T 27 | 12 20 43 | 7° 0'34 | 6♑22 | 18°42 | 19°59 | 20°11 | 15°26 | 28°20 | 10°32 | 13°25 | 13°23 | 9°R 6 | 10°31 | 26° 4 | 21° 1 | T 27 |
| W28 | 12 24 40 | 8° 0'10 | 19°46 | 18°28 | 21°14 | 20°57 | 15°35 | 28°27 | 10°35 | 13°24 | 13°23 | 9° 5 | 10°28 | 26°11 | 21° 1 | W28 |
| T 29 | 12 28 36 | 8°59'45 | 3♒36 | 18°19 | 22°28 | 21°43 | 15°44 | 28°34 | 10°38 | 13°22 | 13°22 | 9° 3 | 10°25 | 26°18 | 21° 2 | T 29 |
| F 30 | 12 32 33 | 9°59'17 | 17°55 | 18°D17 | 23°43 | 22°29 | 15°53 | 28°42 | 10°41 | 13°21 | 13°21 | 8°58 | 10°22 | 26°24 | 21° 2 | F 30 |
| S 31 | 12 36 29 | 10♈58'49 | 2♓39 | 18♓20 | 24♈57 | 23♈15 | 16♊ 3 | 28♈49 | 10♉44 | 13♎19 | 13♌21 | 8♐51 | 10♐19 | 26♍31 | 21♐ 2 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s25 | 17s45 | 3n25 | 0n58 | 1n27 | 6s14 | 1s27 | 0s37 | 0s43 | 21n46 | 0s29 | 7n39 | 2s18 | 14n11 | 0s26 | 4s10 | 1n29 | 22n 2 | 5n38 | 22s10 | 22s10 | 1s56 | 18s10 | 4n52 |
| F 2 | 7 3 | 13 48 | 4 14 | 1 32 | 1 42 | 5 44 | 1 26 | 0 18 | 0 42 | 21 46 | 0 28 | 7 42 | 2 18 | 14 12 | 0 26 | 4 10 | 1 29 | 22 2 | 5 38 | 22 9 | 22 9 | 1 58 | 18 10 | 4 53 |
| S 3 | 6 39 | 8 53 | 4 47 | 2 4 | 1 57 | 5 14 | 1 26 | 0n 1 | 0 42 | 21 47 | 0 28 | 7 44 | 2 18 | 14 12 | 0 26 | 4 9 | 1 29 | 22 3 | 5 38 | 22 8 | 22 9 | 2 1 | 18 9 | 4 53 |
| S 4 | 6 16 | 3 21 | 5 0 | 2 31 | 2 11 | 4 45 | 1 26 | 0 20 | 0 41 | 21 48 | 0 28 | 7 46 | 2 18 | 14 13 | 0 26 | 4 9 | 1 29 | 22 3 | 5 38 | 22 6 | 22 8 | 2 3 | 18 9 | 4 54 |
| M 5 | 5 53 | 2n25 | 4 52 | 2 54 | 2 25 | 4 15 | 1 25 | 0 39 | 0 40 | 21 49 | 0 28 | 7 49 | 2 18 | 14 14 | 0 26 | 4 8 | 1 29 | 22 3 | 5 38 | 22 5 | 22 8 | 2 6 | 18 8 | 4 55 |
| T 6 | 5 30 | 8 1 | 4 23 | 3 13 | 2 39 | 3 45 | 1 25 | 0 58 | 0 40 | 21 50 | 0 28 | 7 51 | 2 17 | 14 15 | 0 26 | 4 8 | 1 29 | 22 4 | 5 38 | 22 3 | 22 8 | 2 8 | 18 8 | 4 55 |
| W 7 | 5 7 | 13 3 | 3 36 | 3 28 | 2 51 | 3 14 | 1 24 | 1 17 | 0 39 | 21 51 | 0 27 | 7 54 | 2 17 | 14 15 | 0 26 | 4 7 | 1 29 | 22 4 | 5 38 | 22 2 | 22 7 | 2 11 | 18 7 | 4 56 |
| T 8 | 4 43 | 17 9 | 2 36 | 3 37 | 3 3 | 2 44 | 1 24 | 1 36 | 0 39 | 21 52 | 0 27 | 7 56 | 2 17 | 14 16 | 0 26 | 4 7 | 1 29 | 22 4 | 5 38 | 22 1 | 22 7 | 2 13 | 18 7 | 4 57 |
| F 9 | 4 20 | 20 7 | 1 28 | 3 42 | 3 13 | 2 14 | 1 23 | 1 55 | 0 38 | 21 53 | 0 27 | 7 59 | 2 17 | 14 17 | 0 26 | 4 6 | 1 29 | 22 5 | 5 38 | 22 1 | 22 6 | 2 15 | 18 6 | 4 58 |
| S 10 | 3 56 | 21 48 | 0 17 | 3 42 | 3 21 | 1 43 | 1 22 | 2 14 | 0 37 | 21 54 | 0 27 | 8 1 | 2 17 | 14 18 | 0 26 | 4 5 | 1 29 | 22 5 | 5 38 | 22 1 | 22 6 | 2 18 | 18 5 | 4 58 |
| S 11 | 3 32 | 22 11 | 0s52 | 3 36 | 3 28 | 1 13 | 1 21 | 2 33 | 0 37 | 21 55 | 0 27 | 8 4 | 2 17 | 14 19 | 0 26 | 4 5 | 1 29 | 22 5 | 5 38 | 22 1 | 22 5 | 2 20 | 18 5 | 4 59 |
| M12 | 3 9 | 21 22 | 1 58 | 3 26 | 3 33 | 0 42 | 1 21 | 2 52 | 0 36 | 21 56 | 0 26 | 8 6 | 2 17 | 14 19 | 0 26 | 4 4 | 1 29 | 22 6 | 5 38 | 22 1 | 22 5 | 2 23 | 18 4 | 5 0 |
| T 13 | 2 45 | 19 30 | 2 55 | 3 12 | 3 37 | 0 12 | 1 20 | 3 11 | 0 36 | 21 57 | 0 26 | 8 9 | 2 16 | 14 20 | 0 26 | 4 4 | 1 29 | 22 6 | 5 38 | 22 0 | 22 4 | 2 25 | 18 4 | 5 0 |
| W14 | 2 21 | 16 46 | 3 44 | 2 53 | 3 38 | 0n19 | 1 19 | 3 29 | 0 35 | 21 58 | 0 26 | 8 11 | 2 16 | 14 21 | 0 25 | 4 3 | 1 29 | 22 6 | 5 38 | 22 0 | 22 4 | 2 28 | 18 3 | 5 1 |
| T 15 | 1 58 | 13 20 | 4 21 | 2 31 | 3 37 | 0 49 | 1 18 | 3 48 | 0 34 | 21 59 | 0 26 | 8 14 | 2 16 | 14 22 | 0 25 | 4 2 | 1 29 | 22 6 | 5 38 | 21 59 | 22 4 | 2 30 | 18 3 | 5 2 |
| F 16 | 1 34 | 9 25 | 4 47 | 2 6 | 3 34 | 1 20 | 1 16 | 4 7 | 0 34 | 22 0 | 0 26 | 8 16 | 2 16 | 14 23 | 0 25 | 4 2 | 1 29 | 22 7 | 5 38 | 21 57 | 22 3 | 2 33 | 18 2 | 5 3 |
| S 17 | 1 10 | 5 10 | 4 59 | 1 38 | 3 29 | 1 50 | 1 15 | 4 25 | 0 33 | 22 1 | 0 25 | 8 19 | 2 16 | 14 24 | 0 25 | 4 1 | 1 29 | 22 7 | 5 38 | 21 55 | 22 3 | 2 35 | 18 1 | 5 3 |
| S 18 | 0 46 | 0 44 | 4 59 | 1 8 | 3 22 | 2 21 | 1 14 | 4 44 | 0 32 | 22 2 | 0 25 | 8 22 | 2 16 | 14 25 | 0 25 | 4 0 | 1 29 | 22 7 | 5 38 | 21 53 | 22 2 | 2 38 | 18 1 | 5 4 |
| M19 | 0 23 | 3s42 | 4 45 | 0 37 | 3 13 | 2 51 | 1 13 | 5 2 | 0 32 | 22 3 | 0 25 | 8 24 | 2 16 | 14 25 | 0 25 | 4 0 | 1 29 | 22 7 | 5 38 | 21 51 | 22 2 | 2 40 | 18 0 | 5 5 |
| T 20 | 0n 1 | 8 1 | 4 19 | 0 5 | 3 3 | 3 22 | 1 11 | 5 21 | 0 31 | 22 4 | 0 25 | 8 27 | 2 16 | 14 26 | 0 25 | 3 59 | 1 29 | 22 8 | 5 38 | 21 50 | 22 1 | 2 42 | 17 59 | 5 6 |
| W21 | 0 25 | 12 2 | 3 42 | 0s26 | 2 52 | 3 52 | 1 10 | 5 39 | 0 30 | 22 5 | 0 25 | 8 29 | 2 16 | 14 27 | 0 25 | 3 59 | 1 29 | 22 8 | 5 38 | 21 48 | 22 1 | 2 45 | 17 59 | 5 6 |
| T 22 | 0 48 | 15 35 | 2 55 | 0 57 | 2 39 | 4 22 | 1 8 | 5 58 | 0 30 | 22 6 | 0 25 | 8 32 | 2 15 | 14 28 | 0 25 | 3 58 | 1 29 | 22 8 | 5 38 | 21 47 | 22 1 | 2 47 | 17 58 | 5 7 |
| F 23 | 1 12 | 18 31 | 1 59 | 1 27 | 2 25 | 4 52 | 1 7 | 6 16 | 0 29 | 22 7 | 0 24 | 8 35 | 2 15 | 14 29 | 0 25 | 3 57 | 1 29 | 22 8 | 5 38 | 21 46 | 22 0 | 2 50 | 17 57 | 5 8 |
| S 24 | 1 36 | 20 40 | 0 57 | 1 55 | 2 11 | 5 22 | 1 5 | 6 34 | 0 28 | 22 8 | 0 24 | 8 37 | 2 15 | 14 30 | 0 25 | 3 57 | 1 29 | 22 8 | 5 38 | 21 46 | 22 0 | 2 52 | 17 57 | 5 8 |
| S 25 | 1 59 | 21 51 | 0n 9 | 2 22 | 1 56 | 5 52 | 1 4 | 6 52 | 0 28 | 22 10 | 0 24 | 8 40 | 2 15 | 14 31 | 0 25 | 3 56 | 1 29 | 22 9 | 5 38 | 21 45 | 21 59 | 2 55 | 17 56 | 5 9 |
| M26 | 2 23 | 21 58 | 1 16 | 2 46 | 1 41 | 6 22 | 1 2 | 7 10 | 0 27 | 22 11 | 0 24 | 8 42 | 2 15 | 14 32 | 0 25 | 3 55 | 1 29 | 22 9 | 5 38 | 21 46 | 21 59 | 2 57 | 17 55 | 5 10 |
| T 27 | 2 47 | 20 54 | 2 20 | 3 9 | 1 26 | 6 52 | 1 0 | 7 28 | 0 26 | 22 12 | 0 24 | 8 45 | 2 15 | 14 33 | 0 25 | 3 55 | 1 30 | 22 9 | 5 38 | 21 46 | 21 58 | 3 0 | 17 55 | 5 11 |
| W28 | 3 10 | 18 38 | 3 19 | 3 28 | 1 10 | 7 21 | 0 59 | 7 46 | 0 26 | 22 13 | 0 24 | 8 48 | 2 15 | 14 34 | 0 25 | 3 54 | 1 30 | 22 9 | 5 38 | 21 46 | 21 58 | 3 2 | 17 54 | 5 11 |
| T 29 | 3 33 | 15 16 | 4 9 | 3 46 | 0 55 | 7 51 | 0 57 | 8 3 | 0 25 | 22 14 | 0 23 | 8 50 | 2 15 | 14 35 | 0 25 | 3 53 | 1 30 | 22 9 | 5 38 | 21 45 | 21 57 | 3 4 | 17 53 | 5 12 |
| F 30 | 3 57 | 10 54 | 4 45 | 4 0 | 0 40 | 8 20 | 0 55 | 8 21 | 0 25 | 22 15 | 0 23 | 8 53 | 2 15 | 14 36 | 0 25 | 3 53 | 1 30 | 22 9 | 5 37 | 21 44 | 21 57 | 3 7 | 17 53 | 5 13 |
| S 31 | 4n20 | 5s47 | 5n 3 | 4s12 | 0n26 | 8n49 | 0s53 | 8n38 | 0s24 | 22n16 | 0s23 | 8n56 | 2s15 | 14n37 | 0s25 | 3s52 | 1n30 | 22n 9 | 5n37 | 21s43 | 21s56 | 3s 9 | 17s52 | 5n14 |

Julian Day Number = 2612311.5, Delta T = 10m39s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'40, Lahiri = 30°00'40


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## APRIL 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 40 26 | 11♈58'18 | 17♓43 | 18♓29 | 26♈12 | 24♈ 0 | 16♊12 | 28♈56 | 10♉47 | 13°R17 | 13°R20 | 8°R42 | 10♐15 | 26♍38 | 21°R 2 | S 1 |
| M 2 | 12 44 22 | 12°57'45 | 2♈58 | 18°43 | 27°26 | 24°46 | 16°21 | 29° 4 | 10°50 | 13♎16 | 13♌19 | 8♐34 | 10°12 | 26°44 | 21♐ 2 | M 2 |
| T 3 | 12 48 19 | 13°57'11 | 18°13 | 19° 3 | 28°40 | 25°32 | 16°31 | 29°11 | 10°53 | 13°14 | 13°19 | 8°26 | 10° 9 | 26°51 | 21° 2 | T 3 |
| W 4 | 12 52 15 | 14°56'34 | 3♉18 | 19°27 | 29°54 | 26°17 | 16°41 | 29°18 | 10°57 | 13°12 | 13°18 | 8°19 | 10° 6 | 26°58 | 21° 2 | W 4 |
| T 5 | 12 56 12 | 15°55'55 | 18° 3 | 19°56 | 1♉ 9 | 27° 3 | 16°51 | 29°26 | 11° 0 | 13°11 | 13°18 | 8°15 | 10° 3 | 27° 5 | 21° 1 | T 5 |
| F 6 | 13 0 9 | 16°55'14 | 2♊23 | 20°29 | 2°23 | 27°48 | 17° 1 | 29°33 | 11° 3 | 13° 9 | 13°17 | 8°D14 | 9°59 | 27°11 | 21° 1 | F 6 |
| S 7 | 13 4 5 | 17°54'32 | 16°14 | 21° 7 | 3°37 | 28°34 | 17°11 | 29°41 | 11° 6 | 13° 7 | 13°17 | 8°14 | 9°56 | 27°18 | 21° 0 | S 7 |
| S 8 | 13 8 2 | 18°53'46 | 29°37 | 21°48 | 4°51 | 29°19 | 17°21 | 29°48 | 11° 9 | 13° 6 | 13°16 | 8°15 | 9°53 | 27°25 | 20°59 | S 8 |
| M 9 | 13 11 58 | 19°52'59 | 12♋34 | 22°33 | 6° 6 | 0♉ 5 | 17°31 | 29°56 | 11°13 | 13° 4 | 13°16 | 8°16 | 9°50 | 27°31 | 20°59 | M 9 |
| T 10 | 13 15 55 | 20°52'09 | 25°10 | 23°21 | 7°20 | 0°50 | 17°41 | 0♉ 3 | 11°16 | 13° 2 | 13°16 | 8°R16 | 9°47 | 27°38 | 20°58 | T 10 |
| W11 | 13 19 51 | 21°51'17 | 7♌28 | 24°13 | 8°34 | 1°35 | 17°52 | 0°11 | 11°19 | 13° 1 | 13°15 | 8°15 | 9°44 | 27°45 | 20°57 | W11 |
| T 12 | 13 23 48 | 22°50'22 | 19°34 | 25° 8 | 9°48 | 2°20 | 18° 2 | 0°18 | 11°23 | 12°59 | 13°15 | 8°11 | 9°40 | 27°52 | 20°56 | T 12 |
| F 13 | 13 27 44 | 23°49'25 | 1♍32 | 26° 5 | 11° 2 | 3° 6 | 18°13 | 0°26 | 11°26 | 12°57 | 13°15 | 8° 6 | 9°37 | 27°58 | 20°54 | F 13 |
| S 14 | 13 31 41 | 24°48'26 | 13°25 | 27° 6 | 12°16 | 3°51 | 18°24 | 0°34 | 11°29 | 12°56 | 13°14 | 7°59 | 9°34 | 28° 5 | 20°53 | S 14 |
| S 15 | 13 35 38 | 25°47'25 | 25°16 | 28° 9 | 13°30 | 4°36 | 18°34 | 0°41 | 11°33 | 12°54 | 13°14 | 7°51 | 9°31 | 28°12 | 20°52 | S 15 |
| M16 | 13 39 34 | 26°46'22 | 7♎ 8 | 29°15 | 14°44 | 5°21 | 18°45 | 0°49 | 11°36 | 12°53 | 13°14 | 7°43 | 9°28 | 28°18 | 20°50 | M16 |
| T 17 | 13 43 31 | 27°45'16 | 19° 4 | 0♈23 | 15°57 | 6° 6 | 18°56 | 0°56 | 11°39 | 12°51 | 13°13 | 7°36 | 9°24 | 28°25 | 20°49 | T 17 |
| W18 | 13 47 27 | 28°44'09 | 1♏ 4 | 1°34 | 17°11 | 6°51 | 19° 8 | 1° 4 | 11°43 | 12°49 | 13°13 | 7°30 | 9°21 | 28°32 | 20°47 | W18 |
| T 19 | 13 51 24 | 29°42'59 | 13°10 | 2°47 | 18°25 | 7°36 | 19°19 | 1°11 | 11°46 | 12°48 | 13°13 | 7°25 | 9°18 | 28°39 | 20°45 | T 19 |
| F 20 | 13 55 20 | 0♉41'48 | 25°24 | 4° 2 | 19°39 | 8°20 | 19°30 | 1°19 | 11°49 | 12°46 | 13°13 | 7°23 | 9°15 | 28°45 | 20°43 | F 20 |
| S 21 | 13 59 17 | 1°40'35 | 7♐47 | 5°19 | 20°53 | 9° 5 | 19°41 | 1°27 | 11°53 | 12°45 | 13°13 | 7°D22 | 9°12 | 28°52 | 20°41 | S 21 |
| S 22 | 14 3 13 | 2°39'20 | 20°22 | 6°38 | 22° 6 | 9°50 | 19°53 | 1°34 | 11°56 | 12°43 | 13°13 | 7°23 | 9° 9 | 28°59 | 20°39 | S 22 |
| M23 | 14 7 10 | 3°38'04 | 3♑11 | 7°59 | 23°20 | 10°35 | 20° 4 | 1°42 | 12° 0 | 12°42 | 13°13 | 7°24 | 9° 5 | 29° 5 | 20°37 | M23 |
| T 24 | 14 11 7 | 4°36'46 | 16°17 | 9°22 | 24°34 | 11°19 | 20°16 | 1°49 | 12° 3 | 12°40 | 13°13 | 7°26 | 9° 2 | 29°12 | 20°35 | T 24 |
| W25 | 14 15 3 | 5°35'26 | 29°41 | 10°47 | 25°47 | 12° 4 | 20°28 | 1°57 | 12° 6 | 12°39 | 13°D13 | 7°R27 | 8°59 | 29°19 | 20°33 | W25 |
| T 26 | 14 19 0 | 6°34'04 | 13♒26 | 12°14 | 27° 1 | 12°48 | 20°39 | 2° 5 | 12°10 | 12°37 | 13°13 | 7°27 | 8°56 | 29°26 | 20°30 | T 26 |
| F 27 | 14 22 56 | 7°32'41 | 27°33 | 13°43 | 28°14 | 13°33 | 20°51 | 2°12 | 12°13 | 12°36 | 13°13 | 7°25 | 8°53 | 29°32 | 20°28 | F 27 |
| S 28 | 14 26 53 | 8°31'16 | 12♓ 0 | 15°13 | 29°28 | 14°17 | 21° 3 | 2°20 | 12°17 | 12°34 | 13°13 | 7°23 | 8°50 | 29°39 | 20°25 | S 28 |
| S 29 | 14 30 49 | 9°29'50 | 26°44 | 16°46 | 0♊41 | 15° 2 | 21°15 | 2°27 | 12°20 | 12°33 | 13°13 | 7°19 | 8°46 | 29°46 | 20°23 | S 29 |
| M30 | 14 34 46 | 10♉28'22 | 11♈38 | 18♈20 | 1♊55 | 15♉46 | 21♊27 | 2♉35 | 12♉24 | 12♎31 | 13♌13 | 7♐15 | 8♐43 | 29♍52 | 20♐20 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n43 | 0s13 | 5n 1 | 4s22 | 0n12 | 9n18 | 0s51 | 8n56 | 0s23 | 22n17 | 0s23 | 8n58 | 2s15 | 14n38 | 0s25 | 3s51 | 1n30 | 22n10 | 5n37 | 21s42 | 21s56 | 3s12 | 17s51 | 5n14 |
| M 2 | 5 6 | 5n26 | 4 38 | 4 29 | 0s 2 | 9 46 | 0 49 | 9 13 | 0 23 | 22 18 | 0 23 | 9 1 | 2 14 | 14 39 | 0 25 | 3 51 | 1 30 | 22 10 | 5 37 | 21 41 | 21 56 | 3 14 | 17 50 | 5 15 |
| T 3 | 5 29 | 10 45 | 3 55 | 4 34 | 0 15 | 10 15 | 0 47 | 9 30 | 0 22 | 22 20 | 0 23 | 9 4 | 2 14 | 14 40 | 0 25 | 3 50 | 1 30 | 22 10 | 5 37 | 21 39 | 21 55 | 3 17 | 17 50 | 5 16 |
| W 4 | 5 52 | 15 21 | 2 56 | 4 36 | 0 28 | 10 43 | 0 45 | 9 48 | 0 21 | 22 21 | 0 22 | 9 6 | 2 14 | 14 41 | 0 25 | 3 49 | 1 30 | 22 10 | 5 37 | 21 38 | 21 55 | 3 19 | 17 49 | 5 16 |
| T 5 | 6 15 | 18 52 | 1 46 | 4 36 | 0 40 | 11 11 | 0 43 | 10 5 | 0 21 | 22 22 | 0 22 | 9 9 | 2 14 | 14 42 | 0 25 | 3 49 | 1 30 | 22 10 | 5 37 | 21 38 | 21 54 | 3 21 | 17 48 | 5 17 |
| F 6 | 6 38 | 21 6 | 0 31 | 4 33 | 0 52 | 11 38 | 0 40 | 10 22 | 0 20 | 22 23 | 0 22 | 9 12 | 2 14 | 14 43 | 0 25 | 3 48 | 1 30 | 22 10 | 5 37 | 21 38 | 21 54 | 3 24 | 17 47 | 5 18 |
| S 7 | 7 1 | 21 58 | 0s43 | 4 29 | 1 3 | 12 6 | 0 38 | 10 38 | 0 19 | 22 24 | 0 22 | 9 14 | 2 14 | 14 44 | 0 25 | 3 48 | 1 30 | 22 10 | 5 37 | 21 38 | 21 53 | 3 26 | 17 47 | 5 19 |
| S 8 | 7 23 | 21 30 | 1 53 | 4 22 | 1 13 | 12 33 | 0 36 | 10 55 | 0 19 | 22 25 | 0 22 | 9 17 | 2 14 | 14 45 | 0 25 | 3 47 | 1 30 | 22 10 | 5 37 | 21 38 | 21 53 | 3 29 | 17 46 | 5 19 |
| M 9 | 7 45 | 19 54 | 2 54 | 4 14 | 1 23 | 12 59 | 0 34 | 11 12 | 0 18 | 22 26 | 0 22 | 9 20 | 2 14 | 14 46 | 0 25 | 3 46 | 1 30 | 22 10 | 5 37 | 21 38 | 21 52 | 3 31 | 17 45 | 5 20 |
| T 10 | 8 8 | 17 21 | 3 46 | 4 3 | 1 33 | 13 26 | 0 31 | 11 28 | 0 17 | 22 27 | 0 21 | 9 22 | 2 14 | 14 47 | 0 25 | 3 46 | 1 30 | 22 10 | 5 37 | 21 38 | 21 52 | 3 34 | 17 44 | 5 21 |
| W11 | 8 30 | 14 5 | 4 25 | 3 50 | 1 41 | 13 52 | 0 29 | 11 44 | 0 17 | 22 29 | 0 21 | 9 25 | 2 14 | 14 48 | 0 25 | 3 45 | 1 30 | 22 10 | 5 37 | 21 38 | 21 51 | 3 36 | 17 44 | 5 21 |
| T 12 | 8 52 | 10 17 | 4 52 | 3 36 | 1 49 | 14 18 | 0 27 | 12 0 | 0 16 | 22 30 | 0 21 | 9 28 | 2 14 | 14 49 | 0 25 | 3 44 | 1 30 | 22 10 | 5 37 | 21 37 | 21 51 | 3 38 | 17 43 | 5 22 |
| F 13 | 9 13 | 6 8 | 5 6 | 3 20 | 1 57 | 14 43 | 0 24 | 12 16 | 0 15 | 22 31 | 0 21 | 9 30 | 2 14 | 14 50 | 0 25 | 3 44 | 1 30 | 22 10 | 5 37 | 21 36 | 21 50 | 3 41 | 17 42 | 5 23 |
| S 14 | 9 35 | 1 47 | 5 7 | 3 3 | 2 4 | 15 8 | 0 22 | 12 32 | 0 15 | 22 32 | 0 21 | 9 33 | 2 14 | 14 51 | 0 25 | 3 43 | 1 30 | 22 10 | 5 36 | 21 35 | 21 50 | 3 43 | 17 41 | 5 23 |
| S 15 | 9 57 | 2s38 | 4 54 | 2 43 | 2 10 | 15 33 | 0 19 | 12 48 | 0 14 | 22 33 | 0 21 | 9 36 | 2 14 | 14 52 | 0 25 | 3 43 | 1 30 | 22 10 | 5 36 | 21 34 | 21 49 | 3 46 | 17 41 | 5 24 |
| M16 | 10 18 | 6 57 | 4 29 | 2 22 | 2 16 | 15 57 | 0 17 | 13 4 | 0 13 | 22 34 | 0 21 | 9 38 | 2 14 | 14 53 | 0 25 | 3 42 | 1 30 | 22 10 | 5 36 | 21 33 | 21 49 | 3 48 | 17 40 | 5 25 |
| T 17 | 10 39 | 11 1 | 3 52 | 2 0 | 2 21 | 16 21 | 0 14 | 13 19 | 0 13 | 22 35 | 0 20 | 9 41 | 2 14 | 14 54 | 0 25 | 3 41 | 1 30 | 22 10 | 5 36 | 21 31 | 21 48 | 3 50 | 17 39 | 5 26 |
| W18 | 11 0 | 14 42 | 3 4 | 1 36 | 2 26 | 16 44 | 0 12 | 13 35 | 0 12 | 22 36 | 0 20 | 9 43 | 2 14 | 14 55 | 0 25 | 3 41 | 1 30 | 22 10 | 5 36 | 21 30 | 21 48 | 3 53 | 17 38 | 5 26 |
| T 19 | 11 21 | 17 47 | 2 8 | 1 11 | 2 30 | 17 7 | 0 9 | 13 50 | 0 11 | 22 37 | 0 20 | 9 46 | 2 14 | 14 56 | 0 25 | 3 40 | 1 30 | 22 10 | 5 36 | 21 30 | 21 48 | 3 55 | 17 37 | 5 27 |
| F 20 | 11 41 | 20 7 | 1 5 | 0 45 | 2 33 | 17 30 | 0 7 | 14 5 | 0 11 | 22 38 | 0 20 | 9 49 | 2 14 | 14 57 | 0 25 | 3 39 | 1 30 | 22 10 | 5 36 | 21 29 | 21 47 | 3 58 | 17 37 | 5 28 |
| S 21 | 12 2 | 21 31 | 0n 2 | 0 17 | 2 36 | 17 52 | 0 4 | 14 20 | 0 10 | 22 39 | 0 20 | 9 51 | 2 14 | 14 58 | 0 25 | 3 39 | 1 30 | 22 10 | 5 36 | 21 29 | 21 47 | 4 0 | 17 36 | 5 28 |
| S 22 | 12 22 | 21 52 | 1 10 | 0n12 | 2 38 | 18 14 | 0 2 | 14 35 | 0 9 | 22 40 | 0 20 | 9 54 | 2 14 | 14 59 | 0 25 | 3 38 | 1 30 | 22 10 | 5 36 | 21 29 | 21 46 | 4 2 | 17 35 | 5 29 |
| M23 | 12 42 | 21 4 | 2 16 | 0 42 | 2 40 | 18 35 | 0n 1 | 14 49 | 0 9 | 22 41 | 0 20 | 9 57 | 2 14 | 15 0 | 0 25 | 3 38 | 1 30 | 22 10 | 5 36 | 21 30 | 21 46 | 4 5 | 17 34 | 5 30 |
| T 24 | 13 2 | 19 8 | 3 17 | 1 14 | 2 42 | 18 55 | 0 4 | 15 4 | 0 8 | 22 42 | 0 19 | 9 59 | 2 14 | 15 1 | 0 25 | 3 37 | 1 30 | 22 10 | 5 36 | 21 30 | 21 45 | 4 7 | 17 34 | 5 30 |
| W25 | 13 21 | 16 8 | 4 8 | 1 46 | 2 42 | 19 16 | 0 6 | 15 18 | 0 7 | 22 43 | 0 19 | 10 2 | 2 14 | 15 2 | 0 25 | 3 37 | 1 29 | 22 10 | 5 36 | 21 30 | 21 45 | 4 9 | 17 33 | 5 31 |
| T 26 | 13 41 | 12 10 | 4 46 | 2 20 | 2 42 | 19 35 | 0 9 | 15 32 | 0 7 | 22 44 | 0 19 | 10 4 | 2 14 | 15 3 | 0 25 | 3 36 | 1 29 | 22 10 | 5 36 | 21 30 | 21 44 | 4 12 | 17 32 | 5 31 |
| F 27 | 14 0 | 7 28 | 5 8 | 2 54 | 2 42 | 19 55 | 0 12 | 15 46 | 0 6 | 22 45 | 0 19 | 10 7 | 2 14 | 15 4 | 0 25 | 3 35 | 1 29 | 22 10 | 5 35 | 21 30 | 21 44 | 4 14 | 17 31 | 5 32 |
| S 28 | 14 19 | 2 14 | 5 12 | 3 30 | 2 41 | 20 13 | 0 14 | 16 0 | 0 5 | 22 46 | 0 19 | 10 9 | 2 14 | 15 5 | 0 25 | 3 35 | 1 29 | 22 10 | 5 35 | 21 29 | 21 43 | 4 17 | 17 30 | 5 33 |
| S 29 | 14 37 | 3n13 | 4 55 | 4 7 | 2 40 | 20 31 | 0 17 | 16 14 | 0 5 | 22 47 | 0 19 | 10 12 | 2 14 | 15 7 | 0 25 | 3 34 | 1 29 | 22 10 | 5 35 | 21 29 | 21 43 | 4 19 | 17 30 | 5 33 |
| M30 | 14n56 | 8n34 | 4n19 | 4n44 | 2s38 | 20n49 | 0n20 | 16n27 | 0s 4 | 22n48 | 0s19 | 10n15 | 2s14 | 15n 8 | 0s25 | 3s34 | 1n29 | 22n10 | 5n35 | 21s28 | 21s42 | 4s21 | 17s29 | 5n34 |

Julian Day Number = 2612342.5, Delta T = 10m39s
Ecliptic obliquity = 23°22'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'44, Lahiri = 30°00'45


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## MAY 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 38 42 | 11♉26'52 | 26♈36 | 19♈56 | 3♊ 8 | 16♉30 | 21♊39 | 2♉42 | 12♉27 | 12°R30 | 13♌13 | 7°R12 | 8♐40 | 29♍59 | 20°R17 | T 1 |
| W 2 | 14 42 39 | 12°25'20 | 11♉28 | 21°33 | 4°22 | 17°15 | 21°51 | 2°50 | 12°31 | 12♎29 | 13°13 | 7♐ 9 | 8°37 | 0♎ 6 | 20♐14 | W 2 |
| T 3 | 14 46 36 | 13°23'47 | 26° 6 | 23°13 | 5°35 | 17°59 | 22° 4 | 2°57 | 12°34 | 12°27 | 13°14 | 7° 8 | 8°34 | 0°13 | 20°11 | T 3 |
| F 4 | 14 50 32 | 14°22'12 | 10♊24 | 24°54 | 6°48 | 18°43 | 22°16 | 3° 5 | 12°37 | 12°26 | 13°14 | 7°D 7 | 8°30 | 0°19 | 20° 8 | F 4 |
| S 5 | 14 54 29 | 15°20'35 | 24°18 | 26°37 | 8° 2 | 19°27 | 22°28 | 3°12 | 12°41 | 12°25 | 13°14 | 7° 8 | 8°27 | 0°26 | 20° 5 | S 5 |
| S 6 | 14 58 25 | 16°18'56 | 7♋46 | 28°21 | 9°15 | 20°11 | 22°41 | 3°20 | 12°44 | 12°23 | 13°14 | 7° 9 | 8°24 | 0°33 | 20° 2 | S 6 |
| M 7 | 15 2 22 | 17°17'15 | 20°50 | 0♌ 8 | 10°28 | 20°55 | 22°53 | 3°27 | 12°48 | 12°22 | 13°15 | 7°11 | 8°21 | 0°39 | 19°59 | M 7 |
| T 8 | 15 6 18 | 18°15'32 | 3♌31 | 1°56 | 11°41 | 21°39 | 23° 6 | 3°35 | 12°51 | 12°21 | 13°15 | 7°12 | 8°18 | 0°46 | 19°56 | T 8 |
| W 9 | 15 10 15 | 19°13'47 | 15°53 | 3°46 | 12°55 | 22°23 | 23°18 | 3°42 | 12°55 | 12°19 | 13°15 | 7°R13 | 8°15 | 0°53 | 19°52 | W 9 |
| T 10 | 15 14 11 | 20°12'00 | 28° 1 | 5°38 | 14° 8 | 23° 7 | 23°31 | 3°50 | 12°58 | 12°18 | 13°16 | 7°12 | 8°11 | 1° 0 | 19°49 | T 10 |
| F 11 | 15 18 8 | 21°10'11 | 10♍ 0 | 7°31 | 15°21 | 23°50 | 23°44 | 3°57 | 13° 2 | 12°17 | 13°16 | 7°12 | 8° 8 | 1° 6 | 19°45 | F 11 |
| S 12 | 15 22 5 | 22° 8'19 | 21°52 | 9°26 | 16°34 | 24°34 | 23°56 | 4° 4 | 13° 5 | 12°16 | 13°17 | 7°10 | 8° 5 | 1°13 | 19°42 | S 12 |
| S 13 | 15 26 1 | 23° 6'26 | 3♎44 | 11°23 | 17°47 | 25°18 | 24° 9 | 4°12 | 13° 8 | 12°15 | 13°17 | 7° 8 | 8° 2 | 1°20 | 19°38 | S 13 |
| M14 | 15 29 58 | 24° 4'32 | 15°38 | 13°22 | 19° 0 | 26° 1 | 24°22 | 4°19 | 13°12 | 12°13 | 13°18 | 7° 6 | 7°59 | 1°26 | 19°35 | M14 |
| T 15 | 15 33 54 | 25° 2'35 | 27°37 | 15°23 | 20°13 | 26°45 | 24°35 | 4°26 | 13°15 | 12°12 | 13°18 | 7° 4 | 7°56 | 1°33 | 19°31 | T 15 |
| W16 | 15 37 51 | 26° 0'37 | 9♏45 | 17°25 | 21°25 | 27°28 | 24°48 | 4°33 | 13°19 | 12°11 | 13°19 | 7° 3 | 7°52 | 1°40 | 19°27 | W16 |
| T 17 | 15 41 47 | 26°58'37 | 22° 2 | 19°29 | 22°38 | 28°12 | 25° 1 | 4°41 | 13°22 | 12°10 | 13°19 | 7° 2 | 7°49 | 1°47 | 19°23 | T 17 |
| F 18 | 15 45 44 | 27°56'35 | 4♐31 | 21°34 | 23°51 | 28°55 | 25°14 | 4°48 | 13°25 | 12° 9 | 13°20 | 7°D 2 | 7°46 | 1°53 | 19°19 | F 18 |
| S 19 | 15 49 40 | 28°54'32 | 17°13 | 23°41 | 25° 4 | 29°39 | 25°27 | 4°55 | 13°29 | 12° 8 | 13°20 | 7° 2 | 7°43 | 2° 0 | 19°15 | S 19 |
| S 20 | 15 53 37 | 29°52'28 | 0♑ 7 | 25°49 | 26°17 | 0♊22 | 25°40 | 5° 2 | 13°32 | 12° 7 | 13°21 | 7° 2 | 7°40 | 2° 7 | 19°12 | S 20 |
| M21 | 15 57 34 | 0♊50'22 | 13°15 | 27°58 | 27°29 | 1° 5 | 25°53 | 5° 9 | 13°35 | 12° 6 | 13°22 | 7° 3 | 7°36 | 2°13 | 19° 8 | M21 |
| T 22 | 16 1 30 | 1°48'15 | 26°37 | 0♊ 8 | 28°42 | 1°48 | 26° 7 | 5°16 | 13°39 | 12° 5 | 13°22 | 7° 3 | 7°33 | 2°20 | 19° 4 | T 22 |
| W23 | 16 5 27 | 2°46'07 | 10♒13 | 2°19 | 29°54 | 2°31 | 26°20 | 5°23 | 13°42 | 12° 4 | 13°23 | 7° 4 | 7°30 | 2°27 | 18°59 | W23 |
| T 24 | 16 9 23 | 3°43'57 | 24° 3 | 4°30 | 1♋ 7 | 3°15 | 26°33 | 5°31 | 13°45 | 12° 3 | 13°24 | 7° 4 | 7°27 | 2°33 | 18°55 | T 24 |
| F 25 | 16 13 20 | 4°41'46 | 8♓ 6 | 6°41 | 2°19 | 3°58 | 26°46 | 5°37 | 13°49 | 12° 2 | 13°25 | 7°R 4 | 7°24 | 2°40 | 18°51 | F 25 |
| S 26 | 16 17 16 | 5°39'35 | 22°21 | 8°53 | 3°32 | 4°41 | 27° 0 | 5°44 | 13°52 | 12° 2 | 13°25 | 7° 4 | 7°21 | 2°47 | 18°47 | S 26 |
| S 27 | 16 21 13 | 6°37'22 | 6♈46 | 11° 4 | 4°44 | 5°24 | 27°13 | 5°51 | 13°55 | 12° 1 | 13°26 | 7°D 4 | 7°17 | 2°54 | 18°43 | S 27 |
| M28 | 16 25 9 | 7°35'08 | 21°16 | 13°14 | 5°57 | 6° 6 | 27°27 | 5°58 | 13°58 | 12° 0 | 13°27 | 7° 4 | 7°14 | 3° 0 | 18°39 | M28 |
| T 29 | 16 29 6 | 8°32'53 | 5♉47 | 15°24 | 7° 9 | 6°49 | 27°40 | 6° 5 | 14° 2 | 11°59 | 13°28 | 7° 4 | 7°11 | 3° 7 | 18°34 | T 29 |
| W30 | 16 33 3 | 9°30'37 | 20°14 | 17°32 | 8°21 | 7°32 | 27°53 | 6°12 | 14° 5 | 11°58 | 13°29 | 7° 4 | 7° 8 | 3°14 | 18°30 | W30 |
| T 31 | 16 36 59 | 10♊28'20 | 4♊31 | 19♊39 | 9♋34 | 8♊15 | 28♊ 7 | 6♉19 | 14♉ 8 | 11♎58 | 13♌30 | 7°R 4 | 7♐ 5 | 3♎20 | 18♐26 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n14 | 13n25 | 3n24 | 5n22 | 2s35 | 21n 6 | 0n22 | 16n41 | 0s 3 | 22n49 | 0s18 | 10n17 | 2s14 | 15n 9 | 0s25 | 3s33 | 1n29 | 22n10 | 5n35 | 21s28 | 21s42 | 4s24 | 17s28 | 5n34 |
| W 2 | 15 32 | 17 24 | 2 16 | 6 2 | 2 32 | 21 22 | 0 25 | 16 54 | 0 3 | 22 50 | 0 18 | 10 20 | 2 14 | 15 10 | 0 25 | 3 33 | 1 29 | 22 9 | 5 35 | 21 27 | 21 41 | 4 26 | 17 27 | 5 35 |
| T 3 | 15 49 | 20 12 | 1 0 | 6 41 | 2 29 | 21 38 | 0 28 | 17 7 | 0 2 | 22 50 | 0 18 | 10 22 | 2 14 | 15 11 | 0 25 | 3 32 | 1 29 | 22 9 | 5 35 | 21 27 | 21 41 | 4 28 | 17 26 | 5 36 |
| F 4 | 16 7 | 21 39 | 0s18 | 7 22 | 2 25 | 21 53 | 0 30 | 17 20 | 0 1 | 22 51 | 0 18 | 10 25 | 2 14 | 15 12 | 0 25 | 3 32 | 1 29 | 22 9 | 5 35 | 21 27 | 21 40 | 4 31 | 17 26 | 5 36 |
| S 5 | 16 24 | 21 42 | 1 33 | 8 3 | 2 20 | 22 8 | 0 33 | 17 32 | 0 1 | 22 52 | 0 18 | 10 27 | 2 14 | 15 13 | 0 25 | 3 31 | 1 29 | 22 9 | 5 35 | 21 27 | 21 40 | 4 33 | 17 25 | 5 37 |
| S 6 | 16 41 | 20 29 | 2 41 | 8 45 | 2 15 | 22 22 | 0 35 | 17 45 | 0 0 | 22 53 | 0 18 | 10 30 | 2 14 | 15 14 | 0 25 | 3 31 | 1 29 | 22 9 | 5 35 | 21 27 | 21 39 | 4 35 | 17 24 | 5 37 |
| M 7 | 16 57 | 18 11 | 3 38 | 9 28 | 2 10 | 22 35 | 0 38 | 17 57 | 0n 1 | 22 54 | 0 18 | 10 32 | 2 14 | 15 15 | 0 25 | 3 30 | 1 29 | 22 9 | 5 35 | 21 27 | 21 39 | 4 38 | 17 23 | 5 38 |
| T 8 | 17 13 | 15 3 | 4 23 | 10 11 | 2 4 | 22 48 | 0 41 | 18 9 | 0 1 | 22 55 | 0 18 | 10 35 | 2 14 | 15 16 | 0 25 | 3 30 | 1 29 | 22 8 | 5 35 | 21 28 | 21 38 | 4 40 | 17 23 | 5 38 |
| W 9 | 17 29 | 11 21 | 4 54 | 10 54 | 1 57 | 23 0 | 0 43 | 18 21 | 0 2 | 22 55 | 0 17 | 10 37 | 2 14 | 15 17 | 0 25 | 3 29 | 1 29 | 22 8 | 5 35 | 21 28 | 21 38 | 4 43 | 17 22 | 5 39 |
| T 10 | 17 45 | 7 15 | 5 12 | 11 38 | 1 50 | 23 12 | 0 46 | 18 33 | 0 2 | 22 56 | 0 17 | 10 39 | 2 14 | 15 18 | 0 25 | 3 29 | 1 29 | 22 8 | 5 34 | 21 28 | 21 37 | 4 45 | 17 21 | 5 39 |
| F 11 | 18 0 | 2 56 | 5 15 | 12 22 | 1 43 | 23 23 | 0 48 | 18 44 | 0 3 | 22 57 | 0 17 | 10 42 | 2 14 | 15 19 | 0 25 | 3 28 | 1 29 | 22 8 | 5 34 | 21 27 | 21 37 | 4 47 | 17 20 | 5 40 |
| S 12 | 18 16 | 1s28 | 5 5 | 13 6 | 1 35 | 23 33 | 0 51 | 18 56 | 0 4 | 22 57 | 0 17 | 10 44 | 2 14 | 15 20 | 0 25 | 3 28 | 1 29 | 22 8 | 5 34 | 21 27 | 21 36 | 4 50 | 17 19 | 5 40 |
| S 13 | 18 30 | 5 48 | 4 42 | 13 50 | 1 26 | 23 42 | 0 53 | 19 7 | 0 4 | 22 58 | 0 17 | 10 47 | 2 14 | 15 21 | 0 25 | 3 28 | 1 29 | 22 7 | 5 34 | 21 27 | 21 36 | 4 52 | 17 19 | 5 41 |
| M14 | 18 45 | 9 57 | 4 7 | 14 35 | 1 18 | 23 51 | 0 56 | 19 18 | 0 5 | 22 59 | 0 17 | 10 49 | 2 14 | 15 22 | 0 25 | 3 27 | 1 29 | 22 7 | 5 34 | 21 27 | 21 35 | 4 54 | 17 18 | 5 41 |
| T 15 | 18 59 | 13 44 | 3 21 | 15 19 | 1 9 | 23 59 | 0 58 | 19 28 | 0 6 | 22 59 | 0 17 | 10 51 | 2 14 | 15 23 | 0 25 | 3 27 | 1 29 | 22 7 | 5 34 | 21 26 | 21 35 | 4 57 | 17 17 | 5 42 |
| W16 | 19 13 | 17 0 | 2 25 | 16 2 | 0 59 | 24 7 | 1 1 | 19 39 | 0 6 | 23 0 | 0 17 | 10 54 | 2 14 | 15 24 | 0 25 | 3 26 | 1 29 | 22 7 | 5 34 | 21 26 | 21 34 | 4 59 | 17 16 | 5 42 |
| T 17 | 19 26 | 19 33 | 1 22 | 16 46 | 0 50 | 24 14 | 1 3 | 19 49 | 0 7 | 23 1 | 0 17 | 10 56 | 2 15 | 15 25 | 0 25 | 3 26 | 1 29 | 22 7 | 5 34 | 21 26 | 21 34 | 5 1 | 17 16 | 5 43 |
| F 18 | 19 39 | 21 13 | 0 14 | 17 28 | 0 40 | 24 20 | 1 5 | 20 0 | 0 8 | 23 1 | 0 16 | 10 58 | 2 15 | 15 26 | 0 25 | 3 26 | 1 29 | 22 6 | 5 34 | 21 26 | 21 33 | 5 4 | 17 15 | 5 43 |
| S 19 | 19 52 | 21 50 | 0n56 | 18 10 | 0 29 | 24 25 | 1 8 | 20 10 | 0 8 | 23 2 | 0 16 | 11 1 | 2 15 | 15 27 | 0 25 | 3 25 | 1 29 | 22 6 | 5 34 | 21 26 | 21 33 | 5 6 | 17 14 | 5 44 |
| S 20 | 20 4 | 21 18 | 2 5 | 18 51 | 0 19 | 24 30 | 1 10 | 20 19 | 0 9 | 23 2 | 0 16 | 11 3 | 2 15 | 15 28 | 0 25 | 3 25 | 1 29 | 22 6 | 5 34 | 21 26 | 21 32 | 5 8 | 17 14 | 5 44 |
| M21 | 20 17 | 19 37 | 3 8 | 19 31 | 0 8 | 24 34 | 1 12 | 20 29 | 0 10 | 23 3 | 0 16 | 11 5 | 2 15 | 15 29 | 0 25 | 3 24 | 1 29 | 22 6 | 5 34 | 21 26 | 21 32 | 5 11 | 17 13 | 5 44 |
| T 22 | 20 28 | 16 50 | 4 2 | 20 10 | 0n 2 | 24 37 | 1 14 | 20 38 | 0 10 | 23 3 | 0 16 | 11 8 | 2 15 | 15 30 | 0 25 | 3 24 | 1 29 | 22 5 | 5 34 | 21 26 | 21 31 | 5 13 | 17 12 | 5 45 |
| W23 | 20 40 | 13 5 | 4 43 | 20 47 | 0 13 | 24 39 | 1 17 | 20 47 | 0 11 | 23 4 | 0 16 | 11 10 | 2 15 | 15 31 | 0 25 | 3 24 | 1 29 | 22 5 | 5 33 | 21 26 | 21 31 | 5 15 | 17 11 | 5 45 |
| T 24 | 20 51 | 8 36 | 5 9 | 21 22 | 0 23 | 24 41 | 1 19 | 20 56 | 0 11 | 23 4 | 0 16 | 11 12 | 2 15 | 15 32 | 0 25 | 3 23 | 1 29 | 22 5 | 5 33 | 21 26 | 21 30 | 5 18 | 17 11 | 5 46 |
| F 25 | 21 1 | 3 36 | 5 17 | 21 55 | 0 33 | 24 42 | 1 21 | 21 5 | 0 12 | 23 5 | 0 16 | 11 14 | 2 15 | 15 33 | 0 25 | 3 23 | 1 29 | 22 4 | 5 33 | 21 26 | 21 29 | 5 20 | 17 10 | 5 46 |
| S 26 | 21 12 | 1n40 | 5 6 | 22 26 | 0 43 | 24 43 | 1 23 | 21 14 | 0 13 | 23 5 | 0 16 | 11 16 | 2 15 | 15 34 | 0 25 | 3 23 | 1 29 | 22 4 | 5 33 | 21 26 | 21 29 | 5 22 | 17 9 | 5 46 |
| S 27 | 21 22 | 6 54 | 4 36 | 22 55 | 0 53 | 24 42 | 1 25 | 21 22 | 0 13 | 23 6 | 0 15 | 11 19 | 2 15 | 15 35 | 0 25 | 3 23 | 1 29 | 22 4 | 5 33 | 21 26 | 21 28 | 5 25 | 17 9 | 5 47 |
| M28 | 21 31 | 11 47 | 3 48 | 23 22 | 1 2 | 24 41 | 1 27 | 21 30 | 0 14 | 23 6 | 0 15 | 11 21 | 2 15 | 15 36 | 0 25 | 3 22 | 1 29 | 22 3 | 5 33 | 21 26 | 21 28 | 5 27 | 17 8 | 5 47 |
| T 29 | 21 41 | 16 1 | 2 45 | 23 46 | 1 11 | 24 40 | 1 29 | 21 38 | 0 15 | 23 6 | 0 15 | 11 23 | 2 16 | 15 37 | 0 25 | 3 22 | 1 29 | 22 3 | 5 33 | 21 26 | 21 27 | 5 29 | 17 7 | 5 47 |
| W30 | 21 49 | 19 14 | 1 32 | 24 7 | 1 20 | 24 37 | 1 30 | 21 46 | 0 15 | 23 7 | 0 15 | 11 25 | 2 16 | 15 38 | 0 25 | 3 22 | 1 29 | 22 3 | 5 33 | 21 26 | 21 27 | 5 31 | 17 7 | 5 48 |
| T 31 | 21n58 | 21n13 | 0n14 | 24n26 | 1n28 | 24n34 | 1n32 | 21n53 | 0n16 | 23n 7 | 0s15 | 11n27 | 2s16 | 15n39 | 0s25 | 3s22 | 1n29 | 22n 3 | 5n33 | 21s26 | 21s26 | 5s34 | 17s 6 | 5n48 |

Julian Day Number = 2612372.5, Delta T = 10m39s
Ecliptic obliquity = 23°22'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'48, Lahiri = 30°00'49


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## JUNE 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 40 56 | 11♊26'01 | 18♊34 | 21♊45 | 10♋46 | 8♊58 | 28♊20 | 6♉25 | 14♉11 | 11°R57 | 13♌31 | 7°R 4 | 7♐ 2 | 3♎27 | 18°R22 | F 1 |
| S 2 | 16 44 52 | 12°23'42 | 2♋19 | 23°49 | 11°58 | 9°40 | 28°34 | 6°32 | 14°14 | 11♎56 | 13°32 | 7♐ 4 | 6°58 | 3°34 | 18♐17 | S 2 |
| S 3 | 16 48 49 | 13°21'21 | 15°43 | 25°50 | 13°10 | 10°23 | 28°48 | 6°39 | 14°17 | 11°56 | 13°33 | 7° 3 | 6°55 | 3°41 | 18°13 | S 3 |
| M 4 | 16 52 45 | 14°18'59 | 28°46 | 27°50 | 14°22 | 11° 5 | 29° 1 | 6°45 | 14°20 | 11°55 | 13°34 | 7° 2 | 6°52 | 3°47 | 18° 9 | M 4 |
| T 5 | 16 56 42 | 15°16'35 | 11♌29 | 29°47 | 15°34 | 11°48 | 29°15 | 6°52 | 14°24 | 11°55 | 13°35 | 7° 1 | 6°49 | 3°54 | 18° 4 | T 5 |
| W 6 | 17 0 38 | 16°14'10 | 23°54 | 1♋41 | 16°46 | 12°30 | 29°28 | 6°58 | 14°27 | 11°54 | 13°36 | 7° 1 | 6°46 | 4° 1 | 18° 0 | W 6 |
| T 7 | 17 4 35 | 17°11'44 | 6♍ 4 | 3°33 | 17°58 | 13°13 | 29°42 | 7° 5 | 14°30 | 11°54 | 13°37 | 7° 0 | 6°42 | 4° 7 | 17°56 | T 7 |
| F 8 | 17 8 32 | 18° 9'16 | 18° 4 | 5°23 | 19°10 | 13°55 | 29°56 | 7°11 | 14°33 | 11°53 | 13°38 | 7°D 0 | 6°39 | 4°14 | 17°51 | F 8 |
| S 9 | 17 12 28 | 19° 6'47 | 29°58 | 7°10 | 20°22 | 14°37 | 0♋ 9 | 7°17 | 14°36 | 11°53 | 13°39 | 7° 0 | 6°36 | 4°21 | 17°47 | S 9 |
| S 10 | 17 16 25 | 20° 4'17 | 11♎50 | 8°54 | 21°33 | 15°19 | 0°23 | 7°24 | 14°39 | 11°52 | 13°40 | 7° 1 | 6°33 | 4°28 | 17°43 | S 10 |
| M11 | 17 20 21 | 21° 1'45 | 23°46 | 10°36 | 22°45 | 16° 2 | 0°37 | 7°30 | 14°42 | 11°52 | 13°41 | 7° 2 | 6°30 | 4°34 | 17°38 | M11 |
| T 12 | 17 24 18 | 21°59'13 | 5♏48 | 12°14 | 23°57 | 16°44 | 0°51 | 7°36 | 14°44 | 11°52 | 13°42 | 7° 3 | 6°27 | 4°41 | 17°34 | T 12 |
| W13 | 17 28 14 | 22°56'39 | 18° 2 | 13°50 | 25° 8 | 17°26 | 1° 4 | 7°42 | 14°47 | 11°51 | 13°43 | 7° 4 | 6°23 | 4°48 | 17°30 | W13 |
| T 14 | 17 32 11 | 23°54'04 | 0♐30 | 15°24 | 26°20 | 18° 8 | 1°18 | 7°48 | 14°50 | 11°51 | 13°45 | 7° 5 | 6°20 | 4°54 | 17°25 | T 14 |
| F 15 | 17 36 7 | 24°51'28 | 13°14 | 16°54 | 27°31 | 18°50 | 1°32 | 7°54 | 14°53 | 11°51 | 13°46 | 7°R 5 | 6°17 | 5° 1 | 17°21 | F 15 |
| S 16 | 17 40 4 | 25°48'52 | 26°15 | 18°21 | 28°43 | 19°32 | 1°46 | 8° 0 | 14°56 | 11°51 | 13°47 | 7° 4 | 6°14 | 5° 8 | 17°17 | S 16 |
| S 17 | 17 44 1 | 26°46'15 | 9♑33 | 19°46 | 29°54 | 20°14 | 1°59 | 8° 6 | 14°59 | 11°50 | 13°48 | 7° 2 | 6°11 | 5°14 | 17°12 | S 17 |
| M18 | 17 47 57 | 27°43'37 | 23° 6 | 21° 8 | 1♌ 5 | 20°55 | 2°13 | 8°12 | 15° 1 | 11°50 | 13°50 | 7° 0 | 6° 8 | 5°21 | 17° 8 | M18 |
| T 19 | 17 51 54 | 28°40'58 | 6♒53 | 22°26 | 2°17 | 21°37 | 2°27 | 8°18 | 15° 4 | 11°50 | 13°51 | 6°57 | 6° 4 | 5°28 | 17° 4 | T 19 |
| W20 | 17 55 50 | 29°38'19 | 20°50 | 23°42 | 3°28 | 22°19 | 2°41 | 8°23 | 15° 7 | 11°50 | 13°52 | 6°54 | 6° 1 | 5°35 | 17° 0 | W20 |
| T 21 | 17 59 47 | 0♋35'39 | 4♓56 | 24°54 | 4°39 | 23° 1 | 2°55 | 8°29 | 15° 9 | 11°50 | 13°54 | 6°51 | 5°58 | 5°41 | 16°56 | T 21 |
| F 22 | 18 3 43 | 1°32'59 | 19° 6 | 26° 4 | 5°50 | 23°42 | 3° 8 | 8°35 | 15°12 | 11°D50 | 13°55 | 6°50 | 5°55 | 5°48 | 16°52 | F 22 |
| S 23 | 18 7 40 | 2°30'18 | 3♈19 | 27°10 | 7° 1 | 24°24 | 3°22 | 8°40 | 15°15 | 11°50 | 13°56 | 6°D49 | 5°52 | 5°55 | 16°48 | S 23 |
| S 24 | 18 11 36 | 3°27'37 | 17°32 | 28°13 | 8°12 | 25° 5 | 3°36 | 8°46 | 15°17 | 11°50 | 13°58 | 6°50 | 5°48 | 6° 1 | 16°44 | S 24 |
| M25 | 18 15 33 | 4°24'56 | 1♉43 | 29°13 | 9°23 | 25°47 | 3°50 | 8°51 | 15°20 | 11°50 | 13°59 | 6°51 | 5°45 | 6° 8 | 16°40 | M25 |
| T 26 | 18 19 30 | 5°22'15 | 15°49 | 0♌10 | 10°33 | 26°28 | 4° 4 | 8°56 | 15°22 | 11°50 | 14° 0 | 6°53 | 5°42 | 6°15 | 16°36 | T 26 |
| W27 | 18 23 26 | 6°19'34 | 29°49 | 1° 2 | 11°44 | 27°10 | 4°17 | 9° 2 | 15°25 | 11°50 | 14° 2 | 6°54 | 5°39 | 6°22 | 16°32 | W27 |
| T 28 | 18 27 23 | 7°16'52 | 13♊40 | 1°52 | 12°55 | 27°51 | 4°31 | 9° 7 | 15°27 | 11°51 | 14° 3 | 6°R54 | 5°36 | 6°28 | 16°28 | T 28 |
| F 29 | 18 31 19 | 8°14'10 | 27°19 | 2°37 | 14° 5 | 28°32 | 4°45 | 9°12 | 15°30 | 11°51 | 14° 5 | 6°52 | 5°33 | 6°35 | 16°24 | F 29 |
| S 30 | 18 35 16 | 9♋11'28 | 10♋46 | 3♌19 | 15♌16 | 29♊14 | 4♋59 | 9♉17 | 15♉32 | 11♎51 | 14♌ 6 | 6♐49 | 5♐29 | 6♎42 | 16♐20 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 6 | 21n50 | 1s 3 | 24n42 | 1n35 | 24n30 | 1n34 | 22n 1 | 0n16 | 23n 7 | 0s15 | 11n29 | 2s16 | 15n40 | 0s25 | 3s21 | 1n29 | 22n 2 | 5n33 | 21s26 | 21s26 | 5s36 | 17s 5 | 5n48 |
| S 2 | 22 14 | 21 6 | 2 15 | 24 55 | 1 41 | 24 26 | 1 35 | 22 8 | 0 17 | 23 8 | 0 15 | 11 31 | 2 16 | 15 41 | 0 25 | 3 21 | 1 28 | 22 2 | 5 33 | 21 26 | 21 25 | 5 38 | 17 5 | 5 49 |
| S 3 | 22 21 | 19 11 | 3 18 | 25 6 | 1 47 | 24 20 | 1 37 | 22 14 | 0 18 | 23 8 | 0 15 | 11 33 | 2 16 | 15 42 | 0 25 | 3 21 | 1 28 | 22 2 | 5 33 | 21 26 | 21 25 | 5 41 | 17 4 | 5 49 |
| M 4 | 22 28 | 16 18 | 4 9 | 25 14 | 1 52 | 24 15 | 1 39 | 22 21 | 0 18 | 23 8 | 0 15 | 11 35 | 2 16 | 15 43 | 0 25 | 3 21 | 1 28 | 22 1 | 5 33 | 21 26 | 21 24 | 5 43 | 17 3 | 5 49 |
| T 5 | 22 34 | 12 43 | 4 46 | 25 20 | 1 57 | 24 8 | 1 40 | 22 27 | 0 19 | 23 8 | 0 14 | 11 37 | 2 16 | 15 44 | 0 25 | 3 21 | 1 28 | 22 1 | 5 33 | 21 26 | 21 24 | 5 45 | 17 3 | 5 49 |
| W 6 | 22 40 | 8 40 | 5 8 | 25 23 | 2 0 | 24 1 | 1 41 | 22 34 | 0 19 | 23 8 | 0 14 | 11 39 | 2 17 | 15 44 | 0 25 | 3 20 | 1 28 | 22 0 | 5 33 | 21 26 | 21 23 | 5 48 | 17 2 | 5 49 |
| T 7 | 22 46 | 4 21 | 5 17 | 25 23 | 2 3 | 23 53 | 1 43 | 22 40 | 0 20 | 23 9 | 0 14 | 11 41 | 2 17 | 15 45 | 0 25 | 3 20 | 1 28 | 22 0 | 5 33 | 21 26 | 21 23 | 5 50 | 17 2 | 5 50 |
| F 8 | 22 51 | 0s 4 | 5 11 | 25 21 | 2 5 | 23 44 | 1 44 | 22 45 | 0 21 | 23 9 | 0 14 | 11 43 | 2 17 | 15 46 | 0 25 | 3 20 | 1 28 | 22 0 | 5 32 | 21 25 | 21 22 | 5 52 | 17 1 | 5 50 |
| S 9 | 22 56 | 4 27 | 4 52 | 25 18 | 2 7 | 23 35 | 1 45 | 22 51 | 0 21 | 23 9 | 0 14 | 11 45 | 2 17 | 15 47 | 0 25 | 3 20 | 1 28 | 21 59 | 5 32 | 21 26 | 21 22 | 5 54 | 17 1 | 5 50 |
| S 10 | 23 1 | 8 39 | 4 20 | 25 12 | 2 7 | 23 25 | 1 46 | 22 56 | 0 22 | 23 9 | 0 14 | 11 47 | 2 17 | 15 48 | 0 25 | 3 20 | 1 28 | 21 59 | 5 32 | 21 26 | 21 21 | 5 57 | 17 0 | 5 50 |
| M11 | 23 5 | 12 34 | 3 37 | 25 4 | 2 7 | 23 14 | 1 47 | 23 1 | 0 22 | 23 9 | 0 14 | 11 49 | 2 17 | 15 49 | 0 25 | 3 20 | 1 28 | 21 59 | 5 32 | 21 26 | 21 20 | 5 59 | 16 59 | 5 50 |
| T 12 | 23 8 | 16 1 | 2 44 | 24 54 | 2 6 | 23 3 | 1 48 | 23 6 | 0 23 | 23 9 | 0 14 | 11 51 | 2 17 | 15 50 | 0 25 | 3 20 | 1 28 | 21 58 | 5 32 | 21 26 | 21 20 | 6 1 | 16 59 | 5 51 |
| W13 | 23 12 | 18 49 | 1 43 | 24 43 | 2 4 | 22 51 | 1 49 | 23 11 | 0 24 | 23 9 | 0 14 | 11 53 | 2 18 | 15 50 | 0 25 | 3 20 | 1 28 | 21 58 | 5 32 | 21 26 | 21 19 | 6 3 | 16 58 | 5 51 |
| T 14 | 23 14 | 20 48 | 0 36 | 24 30 | 2 1 | 22 38 | 1 50 | 23 15 | 0 24 | 23 9 | 0 14 | 11 54 | 2 18 | 15 51 | 0 25 | 3 19 | 1 28 | 21 57 | 5 32 | 21 26 | 21 19 | 6 6 | 16 58 | 5 51 |
| F 15 | 23 17 | 21 46 | 0n34 | 24 16 | 1 58 | 22 25 | 1 51 | 23 19 | 0 25 | 23 9 | 0 13 | 11 56 | 2 18 | 15 52 | 0 25 | 3 19 | 1 28 | 21 57 | 5 32 | 21 26 | 21 18 | 6 8 | 16 57 | 5 51 |
| S 16 | 23 19 | 21 36 | 1 44 | 24 0 | 1 54 | 22 11 | 1 52 | 23 23 | 0 25 | 23 9 | 0 13 | 11 58 | 2 18 | 15 53 | 0 25 | 3 19 | 1 28 | 21 57 | 5 32 | 21 26 | 21 18 | 6 10 | 16 57 | 5 51 |
| S 17 | 23 20 | 20 13 | 2 49 | 23 43 | 1 49 | 21 57 | 1 52 | 23 27 | 0 26 | 23 9 | 0 13 | 12 0 | 2 18 | 15 54 | 0 25 | 3 19 | 1 28 | 21 56 | 5 32 | 21 26 | 21 17 | 6 13 | 16 56 | 5 51 |
| M18 | 23 22 | 17 41 | 3 47 | 23 25 | 1 43 | 21 42 | 1 53 | 23 31 | 0 27 | 23 9 | 0 13 | 12 1 | 2 18 | 15 55 | 0 25 | 3 19 | 1 28 | 21 56 | 5 32 | 21 26 | 21 17 | 6 15 | 16 56 | 5 51 |
| T 19 | 23 22 | 14 7 | 4 32 | 23 7 | 1 37 | 21 27 | 1 53 | 23 34 | 0 27 | 23 8 | 0 13 | 12 3 | 2 18 | 15 55 | 0 25 | 3 19 | 1 28 | 21 55 | 5 32 | 21 25 | 21 16 | 6 17 | 16 56 | 5 51 |
| W20 | 23 23 | 9 44 | 5 2 | 22 47 | 1 30 | 21 10 | 1 54 | 23 37 | 0 28 | 23 8 | 0 13 | 12 5 | 2 19 | 15 56 | 0 25 | 3 19 | 1 28 | 21 55 | 5 32 | 21 25 | 21 16 | 6 19 | 16 55 | 5 51 |
| T 21 | 23 23 | 4 48 | 5 14 | 22 27 | 1 22 | 20 54 | 1 54 | 23 40 | 0 28 | 23 8 | 0 13 | 12 6 | 2 19 | 15 57 | 0 25 | 3 19 | 1 28 | 21 55 | 5 32 | 21 24 | 21 15 | 6 22 | 16 55 | 5 51 |
| F 22 | 23 22 | 0n25 | 5 7 | 22 5 | 1 14 | 20 37 | 1 54 | 23 43 | 0 29 | 23 8 | 0 13 | 12 8 | 2 19 | 15 58 | 0 25 | 3 19 | 1 28 | 21 54 | 5 32 | 21 24 | 21 14 | 6 24 | 16 54 | 5 51 |
| S 23 | 23 21 | 5 37 | 4 41 | 21 44 | 1 5 | 20 19 | 1 54 | 23 45 | 0 29 | 23 8 | 0 13 | 12 9 | 2 19 | 15 58 | 0 25 | 3 19 | 1 28 | 21 54 | 5 32 | 21 24 | 21 14 | 6 26 | 16 54 | 5 51 |
| S 24 | 23 20 | 10 32 | 3 58 | 21 22 | 0 55 | 20 1 | 1 54 | 23 47 | 0 30 | 23 7 | 0 13 | 12 11 | 2 19 | 15 59 | 0 25 | 3 19 | 1 28 | 21 53 | 5 32 | 21 24 | 21 13 | 6 28 | 16 53 | 5 51 |
| M25 | 23 18 | 14 52 | 3 1 | 21 0 | 0 45 | 19 42 | 1 54 | 23 49 | 0 31 | 23 7 | 0 12 | 12 13 | 2 19 | 16 0 | 0 25 | 3 20 | 1 28 | 21 53 | 5 32 | 21 24 | 21 13 | 6 31 | 16 53 | 5 51 |
| T 26 | 23 16 | 18 20 | 1 53 | 20 37 | 0 34 | 19 22 | 1 54 | 23 51 | 0 31 | 23 7 | 0 12 | 12 14 | 2 20 | 16 1 | 0 25 | 3 20 | 1 27 | 21 52 | 5 32 | 21 24 | 21 12 | 6 33 | 16 53 | 5 51 |
| W27 | 23 14 | 20 42 | 0 39 | 20 14 | 0 22 | 19 3 | 1 54 | 23 53 | 0 32 | 23 6 | 0 12 | 12 16 | 2 20 | 16 1 | 0 25 | 3 20 | 1 27 | 21 52 | 5 32 | 21 24 | 21 12 | 6 35 | 16 52 | 5 51 |
| T 28 | 23 11 | 21 46 | 0s37 | 19 52 | 0 10 | 18 42 | 1 53 | 23 54 | 0 32 | 23 6 | 0 12 | 12 17 | 2 20 | 16 2 | 0 25 | 3 20 | 1 27 | 21 51 | 5 32 | 21 24 | 21 11 | 6 37 | 16 52 | 5 51 |
| F 29 | 23 8 | 21 32 | 1 49 | 19 29 | 0s 2 | 18 22 | 1 53 | 23 55 | 0 33 | 23 6 | 0 12 | 12 18 | 2 20 | 16 3 | 0 25 | 3 20 | 1 27 | 21 51 | 5 32 | 21 24 | 21 11 | 6 40 | 16 52 | 5 51 |
| S 30 | 23n 4 | 20n 3 | 2s54 | 19n 7 | 0s16 | 18n 0 | 1n52 | 23n56 | 0n33 | 23n 5 | 0s12 | 12n20 | 2s20 | 16n 3 | 0s25 | 3s20 | 1n27 | 21n51 | 5n32 | 21s24 | 21s10 | 6s42 | 16s51 | 5n51 |

Julian Day Number = 2612403.5, Delta T = 10m40s
Ecliptic obliquity = 23°22'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'53, Lahiri = 30°00'53


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## JULY 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 39 12 | 10♋ 8'45 | 23♋56 | 3♌57 | 16♌26 | 29♊55 | 5♋12 | 9♉22 | 15♉34 | 11♎51 | 14♌ 8 | 6°R45 | 5♐26 | 6♎48 | 16°R16 | S 1 |
| M 2 | 18 43 9 | 11° 6'02 | 6♌51 | 4°31 | 17°37 | 0♋36 | 5°26 | 9°27 | 15°37 | 11°52 | 14° 9 | 6♐39 | 5°23 | 6°55 | 16♐13 | M 2 |
| T 3 | 18 47 6 | 12° 3'18 | 19°29 | 5° 0 | 18°47 | 1°17 | 5°40 | 9°32 | 15°39 | 11°52 | 14°11 | 6°33 | 5°20 | 7° 2 | 16° 9 | T 3 |
| W 4 | 18 51 2 | 13° 0'34 | 1♍51 | 5°26 | 19°57 | 1°58 | 5°54 | 9°36 | 15°41 | 11°52 | 14°12 | 6°28 | 5°17 | 7° 8 | 16° 5 | W 4 |
| T 5 | 18 54 59 | 13°57'49 | 14° 1 | 5°47 | 21° 8 | 2°39 | 6° 7 | 9°41 | 15°43 | 11°53 | 14°14 | 6°23 | 5°14 | 7°15 | 16° 2 | T 5 |
| F 6 | 18 58 55 | 14°55'04 | 26° 0 | 6° 4 | 22°18 | 3°20 | 6°21 | 9°46 | 15°45 | 11°53 | 14°15 | 6°20 | 5°10 | 7°22 | 15°59 | F 6 |
| S 7 | 19 2 52 | 15°52'19 | 7♎53 | 6°16 | 23°28 | 4° 1 | 6°35 | 9°50 | 15°47 | 11°54 | 14°17 | 6°18 | 5° 7 | 7°29 | 15°55 | S 7 |
| S 8 | 19 6 48 | 16°49'33 | 19°45 | 6°23 | 24°38 | 4°42 | 6°48 | 9°55 | 15°50 | 11°54 | 14°19 | 6°D17 | 5° 4 | 7°35 | 15°52 | S 8 |
| M 9 | 19 10 45 | 17°46'47 | 1♏40 | 6°R26 | 25°47 | 5°23 | 7° 2 | 9°59 | 15°52 | 11°55 | 14°20 | 6°18 | 5° 1 | 7°42 | 15°49 | M 9 |
| T 10 | 19 14 41 | 18°44'00 | 13°44 | 6°24 | 26°57 | 6° 4 | 7°16 | 10° 3 | 15°54 | 11°55 | 14°22 | 6°20 | 4°58 | 7°49 | 15°45 | T 10 |
| W11 | 19 18 38 | 19°41'13 | 26° 0 | 6°17 | 28° 7 | 6°44 | 7°29 | 10° 7 | 15°55 | 11°56 | 14°23 | 6°21 | 4°54 | 7°55 | 15°42 | W11 |
| T 12 | 19 22 35 | 20°38'26 | 8♐35 | 6° 6 | 29°16 | 7°25 | 7°43 | 10°11 | 15°57 | 11°56 | 14°25 | 6°R21 | 4°51 | 8° 2 | 15°39 | T 12 |
| F 13 | 19 26 31 | 21°35'39 | 21°29 | 5°51 | 0♍26 | 8° 6 | 7°57 | 10°15 | 15°59 | 11°57 | 14°27 | 6°20 | 4°48 | 8° 9 | 15°36 | F 13 |
| S 14 | 19 30 28 | 22°32'51 | 4♑46 | 5°31 | 1°35 | 8°46 | 8°10 | 10°19 | 16° 1 | 11°58 | 14°28 | 6°17 | 4°45 | 8°15 | 15°33 | S 14 |
| S 15 | 19 34 24 | 23°30'04 | 18°25 | 5° 7 | 2°44 | 9°27 | 8°24 | 10°23 | 16° 3 | 11°59 | 14°30 | 6°12 | 4°42 | 8°22 | 15°30 | S 15 |
| M16 | 19 38 21 | 24°27'17 | 2♒23 | 4°40 | 3°54 | 10° 7 | 8°37 | 10°27 | 16° 5 | 11°59 | 14°31 | 6° 6 | 4°39 | 8°29 | 15°28 | M16 |
| T 17 | 19 42 17 | 25°24'29 | 16°38 | 4° 9 | 5° 3 | 10°48 | 8°51 | 10°31 | 16° 6 | 12° 0 | 14°33 | 5°58 | 4°35 | 8°36 | 15°25 | T 17 |
| W18 | 19 46 14 | 26°21'42 | 1♓ 2 | 3°35 | 6°12 | 11°28 | 9° 4 | 10°34 | 16° 8 | 12° 1 | 14°35 | 5°51 | 4°32 | 8°42 | 15°22 | W18 |
| T 19 | 19 50 10 | 27°18'56 | 15°31 | 2°59 | 7°21 | 12° 8 | 9°17 | 10°38 | 16°10 | 12° 2 | 14°36 | 5°44 | 4°29 | 8°49 | 15°20 | T 19 |
| F 20 | 19 54 7 | 28°16'10 | 29°59 | 2°21 | 8°29 | 12°49 | 9°31 | 10°41 | 16°11 | 12° 3 | 14°38 | 5°39 | 4°26 | 8°56 | 15°17 | F 20 |
| S 21 | 19 58 4 | 29°13'24 | 14♈20 | 1°42 | 9°38 | 13°29 | 9°44 | 10°45 | 16°13 | 12° 3 | 14°40 | 5°36 | 4°23 | 9° 2 | 15°15 | S 21 |
| S 22 | 20 2 0 | 0♌10'39 | 28°32 | 1° 2 | 10°46 | 14° 9 | 9°57 | 10°48 | 16°14 | 12° 4 | 14°42 | 5°D35 | 4°20 | 9° 9 | 15°13 | S 22 |
| M23 | 20 5 57 | 1° 7'54 | 12♉34 | 0°22 | 11°55 | 14°49 | 10°11 | 10°51 | 16°16 | 12° 5 | 14°43 | 5°35 | 4°16 | 9°16 | 15°10 | M23 |
| T 24 | 20 9 53 | 2° 5'11 | 26°23 | 29♋44 | 13° 3 | 15°30 | 10°24 | 10°54 | 16°17 | 12° 6 | 14°45 | 5°36 | 4°13 | 9°22 | 15° 8 | T 24 |
| W25 | 20 13 50 | 3° 2'28 | 10♊ 1 | 29° 6 | 14°11 | 16°10 | 10°37 | 10°57 | 16°18 | 12° 7 | 14°47 | 5°R36 | 4°10 | 9°29 | 15° 6 | W25 |
| T 26 | 20 17 46 | 3°59'45 | 23°28 | 28°31 | 15°20 | 16°50 | 10°50 | 11° 0 | 16°20 | 12° 8 | 14°48 | 5°35 | 4° 7 | 9°36 | 15° 4 | T 26 |
| F 27 | 20 21 43 | 4°57'04 | 6♋44 | 27°59 | 16°28 | 17°30 | 11° 4 | 11° 3 | 16°21 | 12° 9 | 14°50 | 5°31 | 4° 4 | 9°43 | 15° 2 | F 27 |
| S 28 | 20 25 39 | 5°54'23 | 19°48 | 27°30 | 17°35 | 18°10 | 11°17 | 11° 5 | 16°22 | 12°11 | 14°52 | 5°25 | 4° 0 | 9°49 | 15° 0 | S 28 |
| S 29 | 20 29 36 | 6°51'42 | 2♌41 | 27° 5 | 18°43 | 18°50 | 11°30 | 11° 8 | 16°23 | 12°12 | 14°54 | 5°16 | 3°57 | 9°56 | 14°59 | S 29 |
| M30 | 20 33 33 | 7°49'02 | 15°21 | 26°45 | 19°51 | 19°30 | 11°43 | 11°10 | 16°24 | 12°13 | 14°55 | 5° 6 | 3°54 | 10° 3 | 14°57 | M30 |
| T 31 | 20 37 29 | 8♌46'23 | 27♌48 | 26♋29 | 20♍58 | 20♋ 9 | 11♋56 | 11♉13 | 16♉25 | 12♎14 | 14♌57 | 4♐55 | 3♐51 | 10♎ 9 | 14♐56 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 0 | 17n31 | 3s49 | 18n45 | 0s29 | 17n39 | 1n52 | 23n57 | 0n34 | 23n 5 | 0s12 | 12n21 | 2s21 | 16n 4 | 0s25 | 3s20 | 1n27 | 21n50 | 5n32 | 21s23 | 21s 9 | 6s44 | 16s51 | 5n51 |
| M 2 | 22 55 | 14 9 | 4 30 | 18 23 | 0 43 | 17 17 | 1 51 | 23 57 | 0 34 | 23 4 | 0 12 | 12 23 | 2 21 | 16 5 | 0 25 | 3 20 | 1 27 | 21 50 | 5 32 | 21 22 | 21 9 | 6 46 | 16 51 | 5 51 |
| T 3 | 22 50 | 10 14 | 4 57 | 18 2 | 0 58 | 16 54 | 1 50 | 23 57 | 0 35 | 23 4 | 0 12 | 12 24 | 2 21 | 16 5 | 0 25 | 3 21 | 1 27 | 21 49 | 5 32 | 21 21 | 21 8 | 6 48 | 16 50 | 5 51 |
| W 4 | 22 45 | 5 58 | 5 10 | 17 41 | 1 13 | 16 31 | 1 49 | 23 57 | 0 36 | 23 3 | 0 12 | 12 25 | 2 21 | 16 6 | 0 25 | 3 21 | 1 27 | 21 49 | 5 32 | 21 20 | 21 8 | 6 51 | 16 50 | 5 51 |
| T 5 | 22 39 | 1 32 | 5 8 | 17 22 | 1 28 | 16 8 | 1 48 | 23 57 | 0 36 | 23 3 | 0 12 | 12 26 | 2 21 | 16 7 | 0 25 | 3 21 | 1 27 | 21 48 | 5 32 | 21 19 | 21 7 | 6 53 | 16 50 | 5 51 |
| F 6 | 22 33 | 2s54 | 4 53 | 17 3 | 1 43 | 15 44 | 1 47 | 23 57 | 0 37 | 23 2 | 0 11 | 12 28 | 2 22 | 16 7 | 0 25 | 3 21 | 1 27 | 21 48 | 5 32 | 21 19 | 21 7 | 6 55 | 16 50 | 5 51 |
| S 7 | 22 26 | 7 11 | 4 25 | 16 45 | 1 59 | 15 20 | 1 46 | 23 56 | 0 37 | 23 2 | 0 11 | 12 29 | 2 22 | 16 8 | 0 25 | 3 21 | 1 27 | 21 47 | 5 32 | 21 18 | 21 6 | 6 57 | 16 50 | 5 51 |
| S 8 | 22 19 | 11 11 | 3 46 | 16 28 | 2 14 | 14 56 | 1 45 | 23 56 | 0 38 | 23 1 | 0 11 | 12 30 | 2 22 | 16 8 | 0 25 | 3 22 | 1 27 | 21 47 | 5 32 | 21 18 | 21 5 | 7 0 | 16 49 | 5 50 |
| M 9 | 22 12 | 14 47 | 2 57 | 16 12 | 2 30 | 14 31 | 1 44 | 23 55 | 0 38 | 23 0 | 0 11 | 12 31 | 2 22 | 16 9 | 0 25 | 3 22 | 1 27 | 21 46 | 5 32 | 21 18 | 21 5 | 7 2 | 16 49 | 5 50 |
| T 10 | 22 4 | 17 49 | 2 0 | 15 57 | 2 45 | 14 6 | 1 42 | 23 53 | 0 39 | 23 0 | 0 11 | 12 32 | 2 22 | 16 9 | 0 25 | 3 22 | 1 27 | 21 46 | 5 32 | 21 19 | 21 4 | 7 4 | 16 49 | 5 50 |
| W11 | 21 56 | 20 7 | 0 56 | 15 44 | 3 1 | 13 40 | 1 41 | 23 52 | 0 39 | 22 59 | 0 11 | 12 33 | 2 23 | 16 10 | 0 25 | 3 22 | 1 27 | 21 45 | 5 32 | 21 19 | 21 4 | 7 6 | 16 49 | 5 50 |
| T 12 | 21 48 | 21 29 | 0n12 | 15 32 | 3 16 | 13 15 | 1 39 | 23 50 | 0 40 | 22 58 | 0 11 | 12 35 | 2 23 | 16 11 | 0 25 | 3 23 | 1 27 | 21 45 | 5 32 | 21 19 | 21 3 | 7 8 | 16 49 | 5 50 |
| F 13 | 21 39 | 21 46 | 1 21 | 15 22 | 3 30 | 12 48 | 1 37 | 23 48 | 0 40 | 22 58 | 0 11 | 12 36 | 2 23 | 16 11 | 0 25 | 3 23 | 1 27 | 21 45 | 5 32 | 21 19 | 21 3 | 7 11 | 16 49 | 5 50 |
| S 14 | 21 30 | 20 51 | 2 27 | 15 13 | 3 44 | 12 22 | 1 35 | 23 46 | 0 41 | 22 57 | 0 11 | 12 37 | 2 23 | 16 12 | 0 25 | 3 23 | 1 27 | 21 44 | 5 32 | 21 18 | 21 2 | 7 13 | 16 48 | 5 49 |
| S 15 | 21 20 | 18 42 | 3 27 | 15 6 | 3 57 | 11 55 | 1 33 | 23 44 | 0 41 | 22 56 | 0 11 | 12 38 | 2 24 | 16 12 | 0 25 | 3 24 | 1 27 | 21 44 | 5 32 | 21 17 | 21 1 | 7 15 | 16 48 | 5 49 |
| M16 | 21 11 | 15 25 | 4 16 | 15 1 | 4 9 | 11 28 | 1 31 | 23 42 | 0 42 | 22 56 | 0 11 | 12 39 | 2 24 | 16 13 | 0 25 | 3 24 | 1 27 | 21 43 | 5 32 | 21 16 | 21 1 | 7 17 | 16 48 | 5 49 |
| T 17 | 21 0 | 11 12 | 4 50 | 14 57 | 4 21 | 11 1 | 1 29 | 23 39 | 0 42 | 22 55 | 0 10 | 12 39 | 2 24 | 16 13 | 0 25 | 3 24 | 1 27 | 21 43 | 5 32 | 21 15 | 21 0 | 7 19 | 16 48 | 5 49 |
| W18 | 20 50 | 6 19 | 5 6 | 14 55 | 4 31 | 10 34 | 1 27 | 23 36 | 0 43 | 22 54 | 0 10 | 12 40 | 2 24 | 16 14 | 0 25 | 3 25 | 1 27 | 21 42 | 5 32 | 21 14 | 21 0 | 7 22 | 16 48 | 5 49 |
| T 19 | 20 39 | 1 3 | 5 2 | 14 54 | 4 39 | 10 6 | 1 25 | 23 33 | 0 43 | 22 53 | 0 10 | 12 41 | 2 24 | 16 14 | 0 25 | 3 25 | 1 27 | 21 42 | 5 32 | 21 13 | 20 59 | 7 24 | 16 48 | 5 48 |
| F 20 | 20 27 | 4n16 | 4 40 | 14 56 | 4 47 | 9 38 | 1 22 | 23 30 | 0 44 | 22 52 | 0 10 | 12 42 | 2 25 | 16 14 | 0 25 | 3 25 | 1 26 | 21 41 | 5 32 | 21 12 | 20 59 | 7 26 | 16 48 | 5 48 |
| S 21 | 20 16 | 9 19 | 4 0 | 14 59 | 4 53 | 9 10 | 1 20 | 23 26 | 0 45 | 22 51 | 0 10 | 12 43 | 2 25 | 16 15 | 0 25 | 3 26 | 1 26 | 21 41 | 5 32 | 21 11 | 20 58 | 7 28 | 16 48 | 5 48 |
| S 22 | 20 4 | 13 49 | 3 5 | 15 3 | 4 57 | 8 42 | 1 17 | 23 23 | 0 45 | 22 50 | 0 10 | 12 44 | 2 25 | 16 15 | 0 25 | 3 26 | 1 26 | 21 40 | 5 32 | 21 11 | 20 57 | 7 30 | 16 48 | 5 48 |
| M23 | 19 51 | 17 29 | 2 0 | 15 9 | 4 59 | 8 13 | 1 14 | 23 19 | 0 46 | 22 50 | 0 10 | 12 44 | 2 25 | 16 16 | 0 25 | 3 26 | 1 26 | 21 40 | 5 32 | 21 11 | 20 57 | 7 32 | 16 48 | 5 47 |
| T 24 | 19 39 | 20 6 | 0 49 | 15 16 | 5 0 | 7 45 | 1 11 | 23 15 | 0 46 | 22 49 | 0 10 | 12 45 | 2 26 | 16 16 | 0 25 | 3 27 | 1 26 | 21 39 | 5 32 | 21 11 | 20 56 | 7 35 | 16 48 | 5 47 |
| W25 | 19 26 | 21 31 | 0s24 | 15 24 | 4 59 | 7 16 | 1 9 | 23 11 | 0 47 | 22 48 | 0 10 | 12 46 | 2 26 | 16 16 | 0 25 | 3 27 | 1 26 | 21 39 | 5 32 | 21 11 | 20 56 | 7 37 | 16 48 | 5 47 |
| T 26 | 19 13 | 21 39 | 1 34 | 15 34 | 4 57 | 6 47 | 1 6 | 23 6 | 0 47 | 22 47 | 0 10 | 12 46 | 2 26 | 16 17 | 0 25 | 3 28 | 1 26 | 21 38 | 5 32 | 21 11 | 20 55 | 7 39 | 16 48 | 5 46 |
| F 27 | 18 59 | 20 34 | 2 38 | 15 44 | 4 52 | 6 17 | 1 2 | 23 1 | 0 48 | 22 46 | 0 10 | 12 47 | 2 26 | 16 17 | 0 25 | 3 28 | 1 26 | 21 38 | 5 32 | 21 10 | 20 54 | 7 41 | 16 48 | 5 46 |
| S 28 | 18 45 | 18 25 | 3 33 | 15 55 | 4 47 | 5 48 | 0 59 | 22 57 | 0 48 | 22 45 | 0 10 | 12 48 | 2 27 | 16 17 | 0 25 | 3 29 | 1 26 | 21 37 | 5 32 | 21 9 | 20 54 | 7 43 | 16 49 | 5 46 |
| S 29 | 18 31 | 15 21 | 4 16 | 16 7 | 4 39 | 5 19 | 0 56 | 22 52 | 0 49 | 22 44 | 0 9 | 12 48 | 2 27 | 16 18 | 0 25 | 3 29 | 1 26 | 21 37 | 5 32 | 21 8 | 20 53 | 7 45 | 16 49 | 5 46 |
| M30 | 18 16 | 11 39 | 4 45 | 16 20 | 4 31 | 4 49 | 0 53 | 22 47 | 0 49 | 22 43 | 0 9 | 12 49 | 2 27 | 16 18 | 0 25 | 3 30 | 1 26 | 21 36 | 5 32 | 21 6 | 20 53 | 7 48 | 16 49 | 5 45 |
| T 31 | 18n 1 | 7n30 | 5s 1 | 16n32 | 4s21 | 4n19 | 0n49 | 22n41 | 0n49 | 22n42 | 0s 9 | 12n49 | 2s27 | 16n18 | 0s25 | 3s30 | 1n26 | 21n36 | 5n32 | 21s 4 | 20s52 | 7s50 | 16s49 | 5n45 |

Julian Day Number = 2612433.5, Delta T = 10m40s
Ecliptic obliquity = 23°22'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°53'57, Lahiri = 30°00'57


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## AUGUST 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 41 26 | 9♌43'44 | 10♍ 3 | 26°R19 | 22♍ 6 | 20♋49 | 12♋ 9 | 11♉15 | 16♉26 | 12♎15 | 14♌59 | 4°R43 | 3♐48 | 10♎16 | 14°R54 | W 1 |
| T 2 | 20 45 22 | 10°41'05 | 22° 8 | 26°D15 | 23°13 | 21°29 | 12°22 | 11°17 | 16°27 | 12°16 | 15° 1 | 4♐33 | 3°45 | 10°23 | 14♐53 | T 2 |
| F 3 | 20 49 19 | 11°38'27 | 4♎ 4 | 26♋16 | 24°20 | 22° 9 | 12°34 | 11°19 | 16°28 | 12°18 | 15° 2 | 4°25 | 3°41 | 10°29 | 14°52 | F 3 |
| S 4 | 20 53 15 | 12°35'49 | 15°56 | 26°23 | 25°27 | 22°48 | 12°47 | 11°21 | 16°29 | 12°19 | 15° 4 | 4°20 | 3°38 | 10°36 | 14°50 | S 4 |
| S 5 | 20 57 12 | 13°33'12 | 27°45 | 26°36 | 26°34 | 23°28 | 13° 0 | 11°23 | 16°30 | 12°20 | 15° 6 | 4°16 | 3°35 | 10°43 | 14°49 | S 5 |
| M 6 | 21 1 8 | 14°30'36 | 9♏38 | 26°55 | 27°40 | 24° 8 | 13°13 | 11°25 | 16°31 | 12°22 | 15° 8 | 4°D15 | 3°32 | 10°49 | 14°48 | M 6 |
| T 7 | 21 5 5 | 15°28'00 | 21°40 | 27°21 | 28°47 | 24°47 | 13°25 | 11°27 | 16°31 | 12°23 | 15° 9 | 4°15 | 3°29 | 10°56 | 14°48 | T 7 |
| W 8 | 21 9 2 | 16°25'24 | 3♐56 | 27°53 | 29°53 | 25°27 | 13°38 | 11°28 | 16°32 | 12°25 | 15°11 | 4°R16 | 3°25 | 11° 3 | 14°47 | W 8 |
| T 9 | 21 12 58 | 17°22'49 | 16°31 | 28°31 | 0♎59 | 26° 6 | 13°50 | 11°30 | 16°33 | 12°26 | 15°13 | 4°15 | 3°22 | 11°10 | 14°46 | T 9 |
| F 10 | 21 16 55 | 18°20'15 | 29°29 | 29°16 | 2° 5 | 26°46 | 14° 3 | 11°31 | 16°33 | 12°27 | 15°15 | 4°13 | 3°19 | 11°16 | 14°46 | F 10 |
| S 11 | 21 20 51 | 19°17'42 | 12♑54 | 0♌ 6 | 3°11 | 27°25 | 14°15 | 11°33 | 16°34 | 12°29 | 15°16 | 4° 8 | 3°16 | 11°23 | 14°45 | S 11 |
| S 12 | 21 24 48 | 20°15'09 | 26°45 | 1° 3 | 4°17 | 28° 4 | 14°28 | 11°34 | 16°34 | 12°30 | 15°18 | 4° 1 | 3°13 | 11°30 | 14°45 | S 12 |
| M13 | 21 28 44 | 21°12'37 | 11♒ 2 | 2° 5 | 5°22 | 28°44 | 14°40 | 11°35 | 16°35 | 12°32 | 15°20 | 3°51 | 3°10 | 11°36 | 14°44 | M13 |
| T 14 | 21 32 41 | 22°10'06 | 25°39 | 3°14 | 6°27 | 29°23 | 14°52 | 11°36 | 16°35 | 12°33 | 15°22 | 3°41 | 3° 6 | 11°43 | 14°44 | T 14 |
| W15 | 21 36 37 | 23° 7'36 | 10♓29 | 4°28 | 7°32 | 0♌ 2 | 15° 4 | 11°37 | 16°35 | 12°35 | 15°23 | 3°30 | 3° 3 | 11°50 | 14°44 | W15 |
| T 16 | 21 40 34 | 24° 5'07 | 25°23 | 5°47 | 8°37 | 0°41 | 15°16 | 11°38 | 16°36 | 12°37 | 15°25 | 3°20 | 3° 0 | 11°56 | 14°D44 | T 16 |
| F 17 | 21 44 31 | 25° 2'39 | 10♈12 | 7°11 | 9°42 | 1°20 | 15°28 | 11°38 | 16°36 | 12°38 | 15°27 | 3°13 | 2°57 | 12° 3 | 14°44 | F 17 |
| S 18 | 21 48 27 | 26° 0'12 | 24°50 | 8°41 | 10°46 | 1°59 | 15°40 | 11°39 | 16°36 | 12°40 | 15°28 | 3° 8 | 2°54 | 12°10 | 14°44 | S 18 |
| S 19 | 21 52 24 | 26°57'47 | 9♉12 | 10°15 | 11°51 | 2°39 | 15°52 | 11°39 | 16°36 | 12°42 | 15°30 | 3° 5 | 2°51 | 12°16 | 14°45 | S 19 |
| M20 | 21 56 20 | 27°55'24 | 23°15 | 11°53 | 12°55 | 3°18 | 16° 4 | 11°40 | 16°36 | 12°43 | 15°32 | 3° 4 | 2°47 | 12°23 | 14°45 | M20 |
| T 21 | 22 0 17 | 28°53'02 | 6♊59 | 13°35 | 13°58 | 3°57 | 16°16 | 11°40 | 16°R36 | 12°45 | 15°34 | 3° 4 | 2°44 | 12°30 | 14°45 | T 21 |
| W22 | 22 4 13 | 29°50'41 | 20°26 | 15°21 | 15° 2 | 4°35 | 16°28 | 11°40 | 16°36 | 12°47 | 15°35 | 3° 4 | 2°41 | 12°37 | 14°46 | W22 |
| T 23 | 22 8 10 | 0♍48'22 | 3♋37 | 17°10 | 16° 5 | 5°14 | 16°39 | 11°R40 | 16°36 | 12°48 | 15°37 | 3° 1 | 2°38 | 12°43 | 14°47 | T 23 |
| F 24 | 22 12 6 | 1°46'05 | 16°34 | 19° 1 | 17° 8 | 5°53 | 16°51 | 11°40 | 16°36 | 12°50 | 15°39 | 2°56 | 2°35 | 12°50 | 14°48 | F 24 |
| S 25 | 22 16 3 | 2°43'49 | 29°19 | 20°55 | 18°11 | 6°32 | 17° 2 | 11°40 | 16°36 | 12°52 | 15°40 | 2°49 | 2°31 | 12°57 | 14°48 | S 25 |
| S 26 | 22 20 0 | 3°41'34 | 11♌53 | 22°51 | 19°14 | 7°11 | 17°14 | 11°40 | 16°36 | 12°54 | 15°42 | 2°38 | 2°28 | 13° 3 | 14°49 | S 26 |
| M27 | 22 23 56 | 4°39'21 | 24°18 | 24°49 | 20°16 | 7°50 | 17°25 | 11°39 | 16°36 | 12°56 | 15°44 | 2°25 | 2°25 | 13°10 | 14°50 | M27 |
| T 28 | 22 27 53 | 5°37'09 | 6♍32 | 26°47 | 21°18 | 8°28 | 17°36 | 11°39 | 16°35 | 12°57 | 15°45 | 2°12 | 2°22 | 13°17 | 14°52 | T 28 |
| W29 | 22 31 49 | 6°34'59 | 18°38 | 28°47 | 22°20 | 9° 7 | 17°47 | 11°38 | 16°35 | 12°59 | 15°47 | 1°58 | 2°19 | 13°23 | 14°53 | W29 |
| T 30 | 22 35 46 | 7°32'49 | 0♎37 | 0♍47 | 23°22 | 9°46 | 17°58 | 11°38 | 16°35 | 13° 1 | 15°49 | 1°46 | 2°16 | 13°30 | 14°54 | T 30 |
| F 31 | 22 39 42 | 8♍30'41 | 12♎29 | 2♍47 | 24♎23 | 10♌24 | 18♋ 9 | 11♉37 | 16♉34 | 13♎ 3 | 15♌50 | 1♐35 | 2♐12 | 13♎37 | 14♐56 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n46 | 3n 7 | 5s 2 | 16n45 | 4s 9 | 3n50 | 0n46 | 22n36 | 0n50 | 22n40 | 0s 9 | 12n50 | 2s28 | 16n19 | 0s25 | 3s31 | 1n26 | 21n36 | 5n32 | 21s 2 | 20s51 | 7s52 | 16s49 | 5n45 |
| T 2 | 17 31 | 1s19 | 4 49 | 16 58 | 3 57 | 3 20 | 0 42 | 22 30 | 0 50 | 22 39 | 0 9 | 12 50 | 2 28 | 16 19 | 0 25 | 3 31 | 1 26 | 21 35 | 5 32 | 21 0 | 20 51 | 7 54 | 16 49 | 5 44 |
| F 3 | 17 15 | 5 39 | 4 24 | 17 11 | 3 44 | 2 50 | 0 38 | 22 24 | 0 51 | 22 38 | 0 9 | 12 51 | 2 28 | 16 19 | 0 25 | 3 32 | 1 26 | 21 35 | 5 32 | 20 58 | 20 50 | 7 56 | 16 50 | 5 44 |
| S 4 | 16 59 | 9 45 | 3 47 | 17 23 | 3 30 | 2 20 | 0 34 | 22 18 | 0 51 | 22 37 | 0 9 | 12 51 | 2 28 | 16 19 | 0 25 | 3 32 | 1 26 | 21 34 | 5 33 | 20 57 | 20 50 | 7 58 | 16 50 | 5 44 |
| S 5 | 16 43 | 13 28 | 3 1 | 17 35 | 3 16 | 1 50 | 0 30 | 22 12 | 0 52 | 22 36 | 0 9 | 12 51 | 2 29 | 16 20 | 0 25 | 3 33 | 1 26 | 21 34 | 5 33 | 20 57 | 20 49 | 8 0 | 16 50 | 5 43 |
| M 6 | 16 26 | 16 40 | 2 7 | 17 46 | 3 0 | 1 20 | 0 26 | 22 6 | 0 52 | 22 35 | 0 9 | 12 52 | 2 29 | 16 20 | 0 25 | 3 33 | 1 26 | 21 33 | 5 33 | 20 57 | 20 48 | 8 3 | 16 50 | 5 43 |
| T 7 | 16 10 | 19 12 | 1 6 | 17 56 | 2 45 | 0 50 | 0 22 | 21 59 | 0 53 | 22 34 | 0 9 | 12 52 | 2 29 | 16 20 | 0 25 | 3 34 | 1 26 | 21 33 | 5 33 | 20 57 | 20 48 | 8 5 | 16 50 | 5 43 |
| W 8 | 15 53 | 20 55 | 0 2 | 18 6 | 2 29 | 0 19 | 0 18 | 21 52 | 0 53 | 22 33 | 0 9 | 12 52 | 2 29 | 16 20 | 0 25 | 3 34 | 1 26 | 21 32 | 5 33 | 20 57 | 20 47 | 8 7 | 16 51 | 5 42 |
| T 9 | 15 35 | 21 38 | 1n 5 | 18 14 | 2 13 | 0s11 | 0 14 | 21 45 | 0 54 | 22 31 | 0 9 | 12 52 | 2 30 | 16 20 | 0 25 | 3 35 | 1 26 | 21 32 | 5 33 | 20 57 | 20 47 | 8 9 | 16 51 | 5 42 |
| F 10 | 15 18 | 21 13 | 2 10 | 18 21 | 1 57 | 0 41 | 0 10 | 21 38 | 0 54 | 22 30 | 0 8 | 12 53 | 2 30 | 16 20 | 0 25 | 3 36 | 1 26 | 21 31 | 5 33 | 20 56 | 20 46 | 8 11 | 16 51 | 5 42 |
| S 11 | 15 0 | 19 37 | 3 10 | 18 26 | 1 41 | 1 11 | 0 5 | 21 31 | 0 55 | 22 29 | 0 8 | 12 53 | 2 30 | 16 21 | 0 25 | 3 36 | 1 26 | 21 31 | 5 33 | 20 55 | 20 45 | 8 13 | 16 52 | 5 41 |
| S 12 | 14 42 | 16 49 | 4 0 | 18 29 | 1 25 | 1 41 | 0 1 | 21 24 | 0 55 | 22 28 | 0 8 | 12 53 | 2 30 | 16 21 | 0 25 | 3 37 | 1 26 | 21 30 | 5 33 | 20 54 | 20 45 | 8 15 | 16 52 | 5 41 |
| M13 | 14 24 | 12 58 | 4 38 | 18 31 | 1 10 | 2 11 | 0s 4 | 21 16 | 0 56 | 22 26 | 0 8 | 12 53 | 2 31 | 16 21 | 0 25 | 3 37 | 1 26 | 21 30 | 5 33 | 20 52 | 20 44 | 8 17 | 16 52 | 5 40 |
| T 14 | 14 5 | 8 15 | 4 58 | 18 31 | 0 54 | 2 41 | 0 9 | 21 9 | 0 56 | 22 25 | 0 8 | 12 53 | 2 31 | 16 21 | 0 25 | 3 38 | 1 26 | 21 30 | 5 33 | 20 50 | 20 44 | 8 20 | 16 53 | 5 40 |
| W15 | 13 47 | 3 0 | 4 59 | 18 28 | 0 39 | 3 11 | 0 13 | 21 1 | 0 57 | 22 24 | 0 8 | 12 53 | 2 31 | 16 21 | 0 25 | 3 39 | 1 26 | 21 29 | 5 33 | 20 48 | 20 43 | 8 22 | 16 53 | 5 40 |
| T 16 | 13 28 | 2n27 | 4 39 | 18 23 | 0 24 | 3 41 | 0 18 | 20 53 | 0 57 | 22 23 | 0 8 | 12 53 | 2 31 | 16 21 | 0 25 | 3 39 | 1 26 | 21 29 | 5 33 | 20 46 | 20 42 | 8 24 | 16 53 | 5 39 |
| F 17 | 13 9 | 7 44 | 4 1 | 18 16 | 0 10 | 4 11 | 0 23 | 20 45 | 0 57 | 22 21 | 0 8 | 12 53 | 2 32 | 16 21 | 0 25 | 3 40 | 1 26 | 21 28 | 5 34 | 20 45 | 20 42 | 8 26 | 16 54 | 5 39 |
| S 18 | 12 49 | 12 30 | 3 7 | 18 6 | 0n 3 | 4 41 | 0 28 | 20 37 | 0 58 | 22 20 | 0 8 | 12 53 | 2 32 | 16 21 | 0 25 | 3 41 | 1 25 | 21 28 | 5 34 | 20 44 | 20 41 | 8 28 | 16 54 | 5 39 |
| S 19 | 12 30 | 16 28 | 2 3 | 17 53 | 0 16 | 5 11 | 0 33 | 20 28 | 0 58 | 22 19 | 0 8 | 12 53 | 2 32 | 16 21 | 0 25 | 3 41 | 1 25 | 21 27 | 5 34 | 20 43 | 20 41 | 8 30 | 16 55 | 5 38 |
| M20 | 12 10 | 19 23 | 0 52 | 17 38 | 0 28 | 5 40 | 0 38 | 20 20 | 0 59 | 22 17 | 0 8 | 12 53 | 2 32 | 16 21 | 0 25 | 3 42 | 1 25 | 21 27 | 5 34 | 20 43 | 20 40 | 8 32 | 16 55 | 5 38 |
| T 21 | 11 50 | 21 5 | 0s21 | 17 20 | 0 39 | 6 10 | 0 43 | 20 11 | 0 59 | 22 16 | 0 7 | 12 52 | 2 33 | 16 21 | 0 25 | 3 43 | 1 25 | 21 27 | 5 34 | 20 43 | 20 39 | 8 34 | 16 55 | 5 37 |
| W22 | 11 30 | 21 32 | 1 30 | 16 59 | 0 50 | 6 39 | 0 49 | 20 2 | 1 0 | 22 15 | 0 7 | 12 52 | 2 33 | 16 21 | 0 25 | 3 43 | 1 25 | 21 26 | 5 34 | 20 43 | 20 39 | 8 36 | 16 56 | 5 37 |
| T 23 | 11 10 | 20 46 | 2 34 | 16 36 | 0 59 | 7 9 | 0 54 | 19 53 | 1 0 | 22 13 | 0 7 | 12 52 | 2 33 | 16 21 | 0 25 | 3 44 | 1 25 | 21 26 | 5 34 | 20 43 | 20 38 | 8 39 | 16 56 | 5 37 |
| F 24 | 10 49 | 18 55 | 3 28 | 16 10 | 1 8 | 7 38 | 0 59 | 19 44 | 1 1 | 22 12 | 0 7 | 12 52 | 2 33 | 16 21 | 0 25 | 3 45 | 1 25 | 21 25 | 5 34 | 20 42 | 20 38 | 8 41 | 16 57 | 5 36 |
| S 25 | 10 29 | 16 9 | 4 11 | 15 41 | 1 16 | 8 7 | 1 5 | 19 35 | 1 1 | 22 11 | 0 7 | 12 52 | 2 34 | 16 21 | 0 26 | 3 46 | 1 25 | 21 25 | 5 34 | 20 40 | 20 37 | 8 43 | 16 57 | 5 36 |
| S 26 | 10 8 | 12 41 | 4 41 | 15 10 | 1 23 | 8 36 | 1 10 | 19 25 | 1 1 | 22 9 | 0 7 | 12 51 | 2 34 | 16 21 | 0 26 | 3 46 | 1 25 | 21 24 | 5 34 | 20 38 | 20 36 | 8 45 | 16 58 | 5 35 |
| M27 | 9 47 | 8 43 | 4 57 | 14 37 | 1 28 | 9 4 | 1 16 | 19 16 | 1 2 | 22 8 | 0 7 | 12 51 | 2 34 | 16 21 | 0 26 | 3 47 | 1 25 | 21 24 | 5 35 | 20 36 | 20 36 | 8 47 | 16 58 | 5 35 |
| T 28 | 9 26 | 4 27 | 4 59 | 14 1 | 1 34 | 9 33 | 1 21 | 19 6 | 1 2 | 22 7 | 0 7 | 12 50 | 2 34 | 16 21 | 0 26 | 3 48 | 1 25 | 21 24 | 5 35 | 20 33 | 20 35 | 8 49 | 16 59 | 5 35 |
| W29 | 9 4 | 0 4 | 4 47 | 13 24 | 1 38 | 10 1 | 1 27 | 18 57 | 1 3 | 22 5 | 0 7 | 12 50 | 2 35 | 16 21 | 0 26 | 3 48 | 1 25 | 21 23 | 5 35 | 20 30 | 20 34 | 8 51 | 16 59 | 5 34 |
| T 30 | 8 43 | 4s16 | 4 23 | 12 45 | 1 41 | 10 29 | 1 33 | 18 47 | 1 3 | 22 4 | 0 7 | 12 50 | 2 35 | 16 21 | 0 26 | 3 49 | 1 25 | 21 23 | 5 35 | 20 28 | 20 34 | 8 53 | 17 0 | 5 34 |
| F 31 | 8n22 | 8s25 | 3s48 | 12n 4 | 1n43 | 10s57 | 1s38 | 18n37 | 1n 4 | 22n 3 | 0s 7 | 12n49 | 2s35 | 16n20 | 0s26 | 3s50 | 1n25 | 21n23 | 5n35 | 20s26 | 20s33 | 8s55 | 17s 0 | 5n34 |

Julian Day Number = 2612464.5, Delta T = 10m40s
Ecliptic obliquity = 23°22'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'01, Lahiri = 30°01'02


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## SEPTEMBER 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 43 39 | 9♍28'35 | 24♎18 | 4♍47 | 25♎24 | 11♌ 3 | 18♋20 | 11°R36 | 16°R34 | 13♎ 5 | 15♌52 | 1°R28 | 2♐ 9 | 13♎43 | 14♐57 | S 1 |
| S 2 | 22 47 35 | 10°26'30 | 6♏ 6 | 6°46 | 26°25 | 11°41 | 18°31 | 11♉35 | 16♉33 | 13° 7 | 15°54 | 1♐23 | 2° 6 | 13°50 | 14°59 | S 2 |
| M 3 | 22 51 32 | 11°24'26 | 17°57 | 8°45 | 27°25 | 12°20 | 18°42 | 11°34 | 16°32 | 13° 9 | 15°55 | 1°21 | 2° 3 | 13°57 | 15° 1 | M 3 |
| T 4 | 22 55 28 | 12°22'23 | 29°57 | 10°44 | 28°25 | 12°58 | 18°52 | 11°33 | 16°32 | 13°11 | 15°57 | 1°D20 | 2° 0 | 14° 4 | 15° 3 | T 4 |
| W 5 | 22 59 25 | 13°20'22 | 12♐10 | 12°42 | 29°25 | 13°37 | 19° 3 | 11°31 | 16°31 | 13°13 | 15°58 | 1°R20 | 1°57 | 14°10 | 15° 4 | W 5 |
| T 6 | 23 3 22 | 14°18'22 | 24°42 | 14°39 | 0♏24 | 14°15 | 19°13 | 11°30 | 16°30 | 13°15 | 16° 0 | 1°20 | 1°53 | 14°17 | 15° 6 | T 6 |
| F 7 | 23 7 18 | 15°16'23 | 7♑38 | 16°34 | 1°23 | 14°53 | 19°23 | 11°28 | 16°30 | 13°17 | 16° 2 | 1°18 | 1°50 | 14°24 | 15° 9 | F 7 |
| S 8 | 23 11 15 | 16°14'26 | 21° 1 | 18°29 | 2°21 | 15°31 | 19°34 | 11°27 | 16°29 | 13°19 | 16° 3 | 1°14 | 1°47 | 14°30 | 15°11 | S 8 |
| S 9 | 23 15 11 | 17°12'30 | 4♒54 | 20°23 | 3°20 | 16°10 | 19°44 | 11°25 | 16°28 | 13°21 | 16° 5 | 1° 8 | 1°44 | 14°37 | 15°13 | S 9 |
| M10 | 23 19 8 | 18°10'35 | 19°15 | 22°15 | 4°17 | 16°48 | 19°54 | 11°23 | 16°27 | 13°23 | 16° 6 | 0°59 | 1°41 | 14°44 | 15°16 | M10 |
| T 11 | 23 23 4 | 19° 8'42 | 4♓ 2 | 24° 7 | 5°15 | 17°26 | 20° 4 | 11°21 | 16°26 | 13°25 | 16° 8 | 0°49 | 1°37 | 14°50 | 15°18 | T 11 |
| W12 | 23 27 1 | 20° 6'50 | 19° 7 | 25°57 | 6°11 | 18° 4 | 20°13 | 11°19 | 16°25 | 13°27 | 16° 9 | 0°39 | 1°34 | 14°57 | 15°21 | W12 |
| T 13 | 23 30 57 | 21° 5'00 | 4♈19 | 27°46 | 7° 8 | 18°42 | 20°23 | 11°17 | 16°24 | 13°29 | 16°11 | 0°29 | 1°31 | 15° 4 | 15°23 | T 13 |
| F 14 | 23 34 54 | 22° 3'12 | 19°29 | 29°34 | 8° 4 | 19°20 | 20°33 | 11°15 | 16°23 | 13°31 | 16°12 | 0°22 | 1°28 | 15°10 | 15°26 | F 14 |
| S 15 | 23 38 51 | 23° 1'25 | 4♉25 | 1♎21 | 8°59 | 19°58 | 20°42 | 11°13 | 16°22 | 13°33 | 16°14 | 0°17 | 1°25 | 15°17 | 15°29 | S 15 |
| S 16 | 23 42 47 | 23°59'41 | 19° 3 | 3° 6 | 9°54 | 20°36 | 20°52 | 11°10 | 16°20 | 13°35 | 16°15 | 0°15 | 1°22 | 15°24 | 15°32 | S 16 |
| M17 | 23 46 44 | 24°57'59 | 3♊17 | 4°50 | 10°48 | 21°14 | 21° 1 | 11° 8 | 16°19 | 13°38 | 16°17 | 0°D14 | 1°18 | 15°30 | 15°35 | M17 |
| T 18 | 23 50 40 | 25°56'19 | 17° 6 | 6°34 | 11°42 | 21°52 | 21°10 | 11° 5 | 16°18 | 13°40 | 16°18 | 0°15 | 1°15 | 15°37 | 15°38 | T 18 |
| W19 | 23 54 37 | 26°54'41 | 0♋32 | 8°16 | 12°36 | 22°30 | 21°19 | 11° 3 | 16°17 | 13°42 | 16°19 | 0°R15 | 1°12 | 15°44 | 15°41 | W19 |
| T 20 | 23 58 33 | 27°53'05 | 13°37 | 9°57 | 13°28 | 23° 7 | 21°28 | 11° 0 | 16°15 | 13°44 | 16°21 | 0°14 | 1° 9 | 15°51 | 15°44 | T 20 |
| F 21 | 0 2 30 | 28°51'31 | 26°25 | 11°37 | 14°21 | 23°45 | 21°37 | 10°57 | 16°14 | 13°46 | 16°22 | 0°11 | 1° 6 | 15°57 | 15°48 | F 21 |
| S 22 | 0 6 26 | 29°49'59 | 8♌58 | 13°16 | 15°12 | 24°23 | 21°45 | 10°54 | 16°12 | 13°48 | 16°24 | 0° 5 | 1° 2 | 16° 4 | 15°51 | S 22 |
| S 23 | 0 10 23 | 0♎48'29 | 21°18 | 14°53 | 16° 3 | 25° 1 | 21°54 | 10°51 | 16°11 | 13°50 | 16°25 | 29♏56 | 0°59 | 16°11 | 15°55 | S 23 |
| M24 | 0 14 20 | 1°47'02 | 3♍30 | 16°30 | 16°53 | 25°38 | 22° 2 | 10°48 | 16° 9 | 13°53 | 16°26 | 29°46 | 0°56 | 16°17 | 15°59 | M24 |
| T 25 | 0 18 16 | 2°45'36 | 15°33 | 18° 6 | 17°43 | 26°16 | 22°10 | 10°45 | 16° 8 | 13°55 | 16°28 | 29°36 | 0°53 | 16°24 | 16° 2 | T 25 |
| W26 | 0 22 13 | 3°44'12 | 27°31 | 19°40 | 18°32 | 26°53 | 22°19 | 10°42 | 16° 6 | 13°57 | 16°29 | 29°25 | 0°50 | 16°31 | 16° 6 | W26 |
| T 27 | 0 26 9 | 4°42'50 | 9♎23 | 21°14 | 19°20 | 27°31 | 22°26 | 10°38 | 16° 4 | 13°59 | 16°30 | 29°15 | 0°47 | 16°37 | 16°10 | T 27 |
| F 28 | 0 30 6 | 5°41'30 | 21°13 | 22°47 | 20° 7 | 28° 8 | 22°34 | 10°35 | 16° 3 | 14° 1 | 16°31 | 29° 7 | 0°43 | 16°44 | 16°14 | F 28 |
| S 29 | 0 34 2 | 6°40'12 | 3♏ 1 | 24°19 | 20°54 | 28°46 | 22°42 | 10°31 | 16° 1 | 14° 4 | 16°33 | 29° 1 | 0°40 | 16°51 | 16°18 | S 29 |
| S 30 | 0 37 59 | 7♎38'55 | 14♏50 | 25♎49 | 21♏39 | 29♌23 | 22♋50 | 10♉28 | 15♉59 | 14♎ 6 | 16♌34 | 28♏58 | 0♐37 | 16♎57 | 16♐22 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n 0 | 12s14 | 3s 3 | 11n22 | 1n45 | 11s25 | 1s44 | 18n27 | 1n 4 | 22n 1 | 0s 7 | 12n49 | 2s35 | 16n20 | 0s26 | 3s51 | 1n25 | 21n22 | 5n35 | 20s24 | 20s33 | 8s57 | 17s 1 | 5n33 |
| S 2 | 7 38 | 15 33 | 2 9 | 10 39 | 1 46 | 11 53 | 1 50 | 18 16 | 1 5 | 22 0 | 0 6 | 12 48 | 2 36 | 16 20 | 0 26 | 3 51 | 1 25 | 21 22 | 5 35 | 20 23 | 20 32 | 8 59 | 17 1 | 5 33 |
| M 3 | 7 16 | 18 16 | 1 10 | 9 54 | 1 46 | 12 20 | 1 56 | 18 6 | 1 5 | 21 59 | 0 6 | 12 48 | 2 36 | 16 20 | 0 26 | 3 52 | 1 25 | 21 21 | 5 35 | 20 23 | 20 31 | 9 1 | 17 2 | 5 32 |
| T 4 | 6 54 | 20 13 | 0 7 | 9 9 | 1 45 | 12 47 | 2 2 | 17 56 | 1 5 | 21 57 | 0 6 | 12 47 | 2 36 | 16 20 | 0 26 | 3 53 | 1 25 | 21 21 | 5 36 | 20 23 | 20 31 | 9 3 | 17 3 | 5 32 |
| W 5 | 6 32 | 21 15 | 0n57 | 8 23 | 1 44 | 13 14 | 2 8 | 17 45 | 1 6 | 21 56 | 0 6 | 12 46 | 2 36 | 16 20 | 0 26 | 3 54 | 1 25 | 21 21 | 5 36 | 20 23 | 20 30 | 9 5 | 17 3 | 5 32 |
| T 6 | 6 10 | 21 16 | 2 1 | 7 36 | 1 42 | 13 40 | 2 14 | 17 34 | 1 6 | 21 54 | 0 6 | 12 46 | 2 37 | 16 19 | 0 26 | 3 55 | 1 25 | 21 20 | 5 36 | 20 23 | 20 29 | 9 7 | 17 4 | 5 31 |
| F 7 | 5 47 | 20 10 | 3 0 | 6 49 | 1 40 | 14 7 | 2 20 | 17 23 | 1 7 | 21 53 | 0 6 | 12 45 | 2 37 | 16 19 | 0 26 | 3 55 | 1 25 | 21 20 | 5 36 | 20 22 | 20 29 | 9 10 | 17 4 | 5 31 |
| S 8 | 5 25 | 17 56 | 3 51 | 6 2 | 1 37 | 14 33 | 2 26 | 17 13 | 1 7 | 21 52 | 0 6 | 12 44 | 2 37 | 16 19 | 0 26 | 3 56 | 1 25 | 21 20 | 5 36 | 20 21 | 20 28 | 9 12 | 17 5 | 5 30 |
| S 9 | 5 2 | 14 36 | 4 31 | 5 14 | 1 34 | 14 58 | 2 32 | 17 2 | 1 7 | 21 50 | 0 6 | 12 44 | 2 37 | 16 19 | 0 26 | 3 57 | 1 25 | 21 19 | 5 36 | 20 20 | 20 27 | 9 14 | 17 6 | 5 30 |
| M10 | 4 40 | 10 19 | 4 56 | 4 27 | 1 30 | 15 24 | 2 38 | 16 51 | 1 8 | 21 49 | 0 6 | 12 43 | 2 37 | 16 18 | 0 26 | 3 58 | 1 25 | 21 19 | 5 36 | 20 18 | 20 27 | 9 16 | 17 6 | 5 30 |
| T 11 | 4 17 | 5 19 | 5 2 | 3 39 | 1 26 | 15 49 | 2 44 | 16 39 | 1 8 | 21 48 | 0 6 | 12 42 | 2 38 | 16 18 | 0 26 | 3 59 | 1 25 | 21 19 | 5 37 | 20 16 | 20 26 | 9 18 | 17 7 | 5 29 |
| W12 | 3 54 | 0n 6 | 4 47 | 2 51 | 1 21 | 16 14 | 2 50 | 16 28 | 1 9 | 21 46 | 0 6 | 12 41 | 2 38 | 16 18 | 0 26 | 3 59 | 1 25 | 21 18 | 5 37 | 20 14 | 20 26 | 9 20 | 17 8 | 5 29 |
| T 13 | 3 32 | 5 34 | 4 12 | 2 3 | 1 16 | 16 38 | 2 56 | 16 17 | 1 9 | 21 45 | 0 5 | 12 40 | 2 38 | 16 17 | 0 26 | 4 0 | 1 25 | 21 18 | 5 37 | 20 12 | 20 25 | 9 22 | 17 8 | 5 29 |
| F 14 | 3 9 | 10 40 | 3 19 | 1 15 | 1 11 | 17 2 | 3 2 | 16 5 | 1 9 | 21 44 | 0 5 | 12 39 | 2 38 | 16 17 | 0 26 | 4 1 | 1 25 | 21 18 | 5 37 | 20 11 | 20 24 | 9 24 | 17 9 | 5 28 |
| S 15 | 2 46 | 15 3 | 2 13 | 0 28 | 1 5 | 17 26 | 3 9 | 15 54 | 1 10 | 21 42 | 0 5 | 12 39 | 2 38 | 16 17 | 0 26 | 4 2 | 1 25 | 21 17 | 5 37 | 20 10 | 20 24 | 9 26 | 17 10 | 5 28 |
| S 16 | 2 23 | 18 23 | 0 59 | 0s19 | 0 59 | 17 50 | 3 15 | 15 42 | 1 10 | 21 41 | 0 5 | 12 38 | 2 39 | 16 16 | 0 26 | 4 3 | 1 25 | 21 17 | 5 37 | 20 9 | 20 23 | 9 28 | 17 10 | 5 27 |
| M17 | 2 0 | 20 30 | 0s16 | 1 6 | 0 53 | 18 13 | 3 21 | 15 30 | 1 11 | 21 40 | 0 5 | 12 37 | 2 39 | 16 16 | 0 26 | 4 4 | 1 25 | 21 17 | 5 38 | 20 9 | 20 22 | 9 30 | 17 11 | 5 27 |
| T 18 | 1 37 | 21 17 | 1 29 | 1 53 | 0 47 | 18 35 | 3 27 | 15 18 | 1 11 | 21 38 | 0 5 | 12 36 | 2 39 | 16 16 | 0 26 | 4 4 | 1 25 | 21 17 | 5 38 | 20 9 | 20 22 | 9 32 | 17 12 | 5 27 |
| W19 | 1 14 | 20 49 | 2 34 | 2 39 | 0 40 | 18 58 | 3 33 | 15 6 | 1 11 | 21 37 | 0 5 | 12 35 | 2 39 | 16 15 | 0 26 | 4 5 | 1 25 | 21 16 | 5 38 | 20 9 | 20 21 | 9 34 | 17 12 | 5 26 |
| T 20 | 0 50 | 19 12 | 3 30 | 3 25 | 0 34 | 19 20 | 3 39 | 14 54 | 1 12 | 21 36 | 0 5 | 12 34 | 2 39 | 16 15 | 0 26 | 4 6 | 1 25 | 21 16 | 5 38 | 20 9 | 20 20 | 9 36 | 17 13 | 5 26 |
| F 21 | 0 27 | 16 40 | 4 14 | 4 10 | 0 27 | 19 42 | 3 46 | 14 42 | 1 12 | 21 34 | 0 5 | 12 33 | 2 40 | 16 14 | 0 26 | 4 7 | 1 25 | 21 16 | 5 38 | 20 8 | 20 20 | 9 38 | 17 14 | 5 26 |
| S 22 | 0 4 | 13 24 | 4 44 | 4 55 | 0 20 | 20 3 | 3 52 | 14 30 | 1 13 | 21 33 | 0 5 | 12 32 | 2 40 | 16 14 | 0 26 | 4 8 | 1 25 | 21 16 | 5 38 | 20 7 | 20 19 | 9 40 | 17 14 | 5 25 |
| S 23 | 0s19 | 9 36 | 5 1 | 5 39 | 0 13 | 20 24 | 3 58 | 14 18 | 1 13 | 21 32 | 0 5 | 12 30 | 2 40 | 16 14 | 0 26 | 4 9 | 1 25 | 21 15 | 5 39 | 20 5 | 20 18 | 9 42 | 17 15 | 5 25 |
| M24 | 0 42 | 5 28 | 5 4 | 6 23 | 0 6 | 20 44 | 4 4 | 14 6 | 1 13 | 21 31 | 0 4 | 12 29 | 2 40 | 16 13 | 0 26 | 4 9 | 1 25 | 21 15 | 5 39 | 20 3 | 20 18 | 9 44 | 17 16 | 5 25 |
| T 25 | 1 6 | 1 11 | 4 53 | 7 6 | 0s 2 | 21 4 | 4 10 | 13 53 | 1 14 | 21 29 | 0 4 | 12 28 | 2 40 | 16 13 | 0 26 | 4 10 | 1 25 | 21 15 | 5 39 | 20 1 | 20 17 | 9 46 | 17 17 | 5 24 |
| W26 | 1 29 | 3s 8 | 4 29 | 7 49 | 0 9 | 21 24 | 4 16 | 13 41 | 1 14 | 21 28 | 0 4 | 12 27 | 2 41 | 16 12 | 0 26 | 4 11 | 1 25 | 21 15 | 5 39 | 19 59 | 20 16 | 9 48 | 17 17 | 5 24 |
| T 27 | 1 52 | 7 18 | 3 54 | 8 31 | 0 16 | 21 43 | 4 22 | 13 28 | 1 15 | 21 27 | 0 4 | 12 26 | 2 41 | 16 12 | 0 26 | 4 12 | 1 25 | 21 14 | 5 39 | 19 56 | 20 16 | 9 50 | 17 18 | 5 23 |
| F 28 | 2 15 | 11 10 | 3 8 | 9 13 | 0 24 | 22 2 | 4 28 | 13 16 | 1 15 | 21 26 | 0 4 | 12 25 | 2 41 | 16 11 | 0 26 | 4 13 | 1 25 | 21 14 | 5 39 | 19 55 | 20 15 | 9 52 | 17 19 | 5 23 |
| S 29 | 2 39 | 14 36 | 2 15 | 9 53 | 0 31 | 22 20 | 4 34 | 13 3 | 1 15 | 21 25 | 0 4 | 12 23 | 2 41 | 16 11 | 0 26 | 4 14 | 1 25 | 21 14 | 5 40 | 19 53 | 20 14 | 9 54 | 17 19 | 5 23 |
| S 30 | 3s 2 | 17s27 | 1s15 | 10s33 | 0s39 | 22s38 | 4s39 | 12n50 | 1n16 | 21n23 | 0s 4 | 12n22 | 2s41 | 16n10 | 0s26 | 4s15 | 1n25 | 21n14 | 5n40 | 19s53 | 20s14 | 9s56 | 17s20 | 5n23 |

Julian Day Number = 2612495.5, Delta T = 10m40s
Ecliptic obliquity = 23°22'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'05, Lahiri = 30°01'06


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## OCTOBER 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 41 55 | 8♎37'41 | 26♏44 | 27♎19 | 22♏24 | 0♍ 1 | 22♋57 | 10°R24 | 15°R58 | 14♎ 8 | 16♌35 | 28°D56 | 0♐34 | 17♎ 4 | 16♐26 | M 1 |
| T 2 | 0 45 52 | 9°36'28 | 8♐45 | 28°48 | 23° 8 | 0°38 | 23° 4 | 10♉20 | 15♉56 | 14°10 | 16°36 | 28♏57 | 0°31 | 17°11 | 16°30 | T 2 |
| W 3 | 0 49 48 | 10°35'17 | 20°58 | 0♏16 | 23°51 | 1°15 | 23°12 | 10°17 | 15°54 | 14°13 | 16°37 | 28°58 | 0°28 | 17°17 | 16°35 | W 3 |
| T 4 | 0 53 45 | 11°34'08 | 3♑28 | 1°42 | 24°33 | 1°52 | 23°19 | 10°13 | 15°52 | 14°15 | 16°38 | 28°59 | 0°24 | 17°24 | 16°39 | T 4 |
| F 5 | 0 57 42 | 12°33'01 | 16°20 | 3° 8 | 25°14 | 2°30 | 23°25 | 10° 9 | 15°50 | 14°17 | 16°39 | 28°R59 | 0°21 | 17°31 | 16°44 | F 5 |
| S 6 | 1 1 38 | 13°31'55 | 29°37 | 4°33 | 25°53 | 3° 7 | 23°32 | 10° 5 | 15°48 | 14°19 | 16°41 | 28°58 | 0°18 | 17°37 | 16°48 | S 6 |
| S 7 | 1 5 35 | 14°30'51 | 13♒22 | 5°56 | 26°32 | 3°44 | 23°39 | 10° 1 | 15°46 | 14°21 | 16°42 | 28°55 | 0°15 | 17°44 | 16°53 | S 7 |
| M 8 | 1 9 31 | 15°29'48 | 27°36 | 7°19 | 27°10 | 4°21 | 23°45 | 9°57 | 15°44 | 14°24 | 16°43 | 28°50 | 0°12 | 17°51 | 16°58 | M 8 |
| T 9 | 1 13 28 | 16°28'47 | 12♓17 | 8°40 | 27°46 | 4°58 | 23°51 | 9°53 | 15°42 | 14°26 | 16°44 | 28°44 | 0° 8 | 17°57 | 17° 2 | T 9 |
| W10 | 1 17 24 | 17°27'48 | 27°20 | 10° 1 | 28°21 | 5°35 | 23°57 | 9°49 | 15°40 | 14°28 | 16°45 | 28°38 | 0° 5 | 18° 4 | 17° 7 | W10 |
| T 11 | 1 21 21 | 18°26'51 | 12♈35 | 11°20 | 28°55 | 6°12 | 24° 3 | 9°44 | 15°38 | 14°30 | 16°46 | 28°32 | 0° 2 | 18°11 | 17°12 | T 11 |
| F 12 | 1 25 17 | 19°25'56 | 27°52 | 12°37 | 29°27 | 6°49 | 24° 9 | 9°40 | 15°36 | 14°33 | 16°47 | 28°27 | 29♏59 | 18°17 | 17°17 | F 12 |
| S 13 | 1 29 14 | 20°25'03 | 13♉ 0 | 13°54 | 29°58 | 7°25 | 24°15 | 9°36 | 15°34 | 14°35 | 16°48 | 28°25 | 29°56 | 18°24 | 17°22 | S 13 |
| S 14 | 1 33 11 | 21°24'12 | 27°52 | 15° 9 | 0♐27 | 8° 2 | 24°20 | 9°31 | 15°32 | 14°37 | 16°48 | 28°D24 | 29°53 | 18°31 | 17°27 | S 14 |
| M15 | 1 37 7 | 22°23'24 | 12♊19 | 16°22 | 0°55 | 8°39 | 24°26 | 9°27 | 15°29 | 14°39 | 16°49 | 28°24 | 29°49 | 18°38 | 17°33 | M15 |
| T 16 | 1 41 4 | 23°22'37 | 26°20 | 17°34 | 1°21 | 9°16 | 24°31 | 9°22 | 15°27 | 14°41 | 16°50 | 28°26 | 29°46 | 18°44 | 17°38 | T 16 |
| W17 | 1 45 0 | 24°21'53 | 9♋54 | 18°44 | 1°46 | 9°52 | 24°36 | 9°18 | 15°25 | 14°44 | 16°51 | 28°27 | 29°43 | 18°51 | 17°43 | W17 |
| T 18 | 1 48 57 | 25°21'12 | 23° 3 | 19°53 | 2° 9 | 10°29 | 24°41 | 9°13 | 15°23 | 14°46 | 16°52 | 28°R28 | 29°40 | 18°58 | 17°49 | T 18 |
| F 19 | 1 52 53 | 26°20'32 | 5♌50 | 20°59 | 2°30 | 11° 6 | 24°45 | 9° 9 | 15°20 | 14°48 | 16°53 | 28°28 | 29°37 | 19° 4 | 17°54 | F 19 |
| S 20 | 1 56 50 | 27°19'55 | 18°19 | 22° 3 | 2°50 | 11°42 | 24°50 | 9° 4 | 15°18 | 14°50 | 16°53 | 28°26 | 29°34 | 19°11 | 18° 0 | S 20 |
| S 21 | 2 0 46 | 28°19'20 | 0♍33 | 23° 5 | 3° 7 | 12°19 | 24°54 | 8°59 | 15°16 | 14°52 | 16°54 | 28°23 | 29°30 | 19°18 | 18° 5 | S 21 |
| M22 | 2 4 43 | 29°18'47 | 12°37 | 24° 4 | 3°23 | 12°55 | 24°58 | 8°55 | 15°13 | 14°55 | 16°55 | 28°18 | 29°27 | 19°24 | 18°11 | M22 |
| T 23 | 2 8 40 | 0♏18'17 | 24°33 | 25° 0 | 3°36 | 13°32 | 25° 2 | 8°50 | 15°11 | 14°57 | 16°56 | 28°13 | 29°24 | 19°31 | 18°16 | T 23 |
| W24 | 2 12 36 | 1°17'48 | 6♎25 | 25°54 | 3°48 | 14° 8 | 25° 6 | 8°45 | 15° 9 | 14°59 | 16°56 | 28° 8 | 29°21 | 19°38 | 18°22 | W24 |
| T 25 | 2 16 33 | 2°17'22 | 18°14 | 26°43 | 3°57 | 14°44 | 25° 9 | 8°41 | 15° 6 | 15° 1 | 16°57 | 28° 4 | 29°18 | 19°44 | 18°28 | T 25 |
| F 26 | 2 20 29 | 3°16'58 | 0♏ 3 | 27°29 | 4° 4 | 15°20 | 25°13 | 8°36 | 15° 4 | 15° 3 | 16°57 | 28° 0 | 29°14 | 19°51 | 18°34 | F 26 |
| S 27 | 2 24 26 | 4°16'36 | 11°55 | 28°11 | 4° 9 | 15°57 | 25°16 | 8°31 | 15° 2 | 15° 5 | 16°58 | 27°58 | 29°11 | 19°58 | 18°40 | S 27 |
| S 28 | 2 28 22 | 5°16'15 | 23°50 | 28°48 | 4°12 | 16°33 | 25°19 | 8°26 | 14°59 | 15° 8 | 16°59 | 27°D57 | 29° 8 | 20° 4 | 18°46 | S 28 |
| M29 | 2 32 19 | 6°15'57 | 5♐51 | 29°20 | 4°R12 | 17° 9 | 25°21 | 8°21 | 14°57 | 15°10 | 16°59 | 27°57 | 29° 5 | 20°11 | 18°52 | M29 |
| T 30 | 2 36 15 | 7°15'41 | 18° 0 | 29°46 | 4°10 | 17°45 | 25°24 | 8°17 | 14°54 | 15°12 | 17° 0 | 27°58 | 29° 2 | 20°18 | 18°58 | T 30 |
| W31 | 2 40 12 | 8♏15'26 | 0♑21 | 0♐ 6 | 4♐ 5 | 18♍21 | 25♋27 | 8♉12 | 14♉52 | 15♎14 | 17♌ 0 | 28♏ 0 | 28♏59 | 20♎24 | 19♐ 4 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s25 | 19s34 | 0s12 | 11s13 | 0s46 | 22s55 | 4s45 | 12n38 | 1n16 | 21n22 | 0s 4 | 12n21 | 2s41 | 16n10 | 0s26 | 4s15 | 1n25 | 21n14 | 5n40 | 19s52 | 20s13 | 9s58 | 17s21 | 5n22 |
| T 2 | 3 48 | 20 50 | 0n53 | 11 52 | 0 54 | 23 12 | 4 51 | 12 25 | 1 16 | 21 21 | 0 4 | 12 20 | 2 41 | 16 9 | 0 26 | 4 16 | 1 25 | 21 13 | 5 40 | 19 52 | 20 12 | 10 0 | 17 22 | 5 22 |
| W 3 | 4 11 | 21 8 | 1 56 | 12 30 | 1 1 | 23 28 | 4 56 | 12 12 | 1 17 | 21 20 | 0 4 | 12 18 | 2 42 | 16 9 | 0 26 | 4 17 | 1 25 | 21 13 | 5 40 | 19 53 | 20 12 | 10 2 | 17 22 | 5 22 |
| T 4 | 4 34 | 20 24 | 2 56 | 13 7 | 1 9 | 23 44 | 5 2 | 11 59 | 1 17 | 21 19 | 0 3 | 12 17 | 2 42 | 16 8 | 0 26 | 4 18 | 1 25 | 21 13 | 5 41 | 19 53 | 20 11 | 10 4 | 17 23 | 5 21 |
| F 5 | 4 57 | 18 37 | 3 48 | 13 43 | 1 16 | 24 0 | 5 7 | 11 46 | 1 18 | 21 18 | 0 3 | 12 16 | 2 42 | 16 8 | 0 26 | 4 19 | 1 25 | 21 13 | 5 41 | 19 53 | 20 11 | 10 6 | 17 24 | 5 21 |
| S 6 | 5 20 | 15 47 | 4 30 | 14 19 | 1 23 | 24 14 | 5 13 | 11 33 | 1 18 | 21 17 | 0 3 | 12 14 | 2 42 | 16 7 | 0 26 | 4 20 | 1 25 | 21 13 | 5 41 | 19 53 | 20 10 | 10 8 | 17 25 | 5 21 |
| S 7 | 5 42 | 12 0 | 4 58 | 14 54 | 1 31 | 24 29 | 5 18 | 11 20 | 1 18 | 21 16 | 0 3 | 12 13 | 2 42 | 16 6 | 0 26 | 4 21 | 1 25 | 21 13 | 5 41 | 19 52 | 20 9 | 10 10 | 17 25 | 5 20 |
| M 8 | 6 5 | 7 25 | 5 10 | 15 28 | 1 38 | 24 43 | 5 23 | 11 7 | 1 19 | 21 15 | 0 3 | 12 12 | 2 42 | 16 6 | 0 26 | 4 21 | 1 25 | 21 12 | 5 41 | 19 51 | 20 9 | 10 12 | 17 26 | 5 20 |
| T 9 | 6 28 | 2 17 | 5 1 | 16 1 | 1 45 | 24 56 | 5 28 | 10 54 | 1 19 | 21 14 | 0 3 | 12 10 | 2 42 | 16 5 | 0 26 | 4 22 | 1 25 | 21 12 | 5 42 | 19 50 | 20 8 | 10 14 | 17 27 | 5 20 |
| W10 | 6 50 | 3n 6 | 4 32 | 16 33 | 1 52 | 25 9 | 5 33 | 10 40 | 1 19 | 21 13 | 0 3 | 12 9 | 2 42 | 16 5 | 0 26 | 4 23 | 1 25 | 21 12 | 5 42 | 19 48 | 20 7 | 10 15 | 17 28 | 5 19 |
| T 11 | 7 13 | 8 23 | 3 43 | 17 4 | 1 58 | 25 21 | 5 37 | 10 27 | 1 20 | 21 12 | 0 3 | 12 7 | 2 43 | 16 4 | 0 26 | 4 24 | 1 25 | 21 12 | 5 42 | 19 47 | 20 7 | 10 17 | 17 28 | 5 19 |
| F 12 | 7 35 | 13 9 | 2 38 | 17 34 | 2 5 | 25 33 | 5 42 | 10 14 | 1 20 | 21 11 | 0 3 | 12 6 | 2 43 | 16 3 | 0 26 | 4 25 | 1 25 | 21 12 | 5 42 | 19 46 | 20 6 | 10 19 | 17 29 | 5 19 |
| S 13 | 7 57 | 17 1 | 1 23 | 18 4 | 2 11 | 25 44 | 5 46 | 10 1 | 1 21 | 21 10 | 0 3 | 12 5 | 2 43 | 16 3 | 0 26 | 4 26 | 1 25 | 21 12 | 5 42 | 19 45 | 20 5 | 10 21 | 17 30 | 5 19 |
| S 14 | 8 20 | 19 41 | 0 3 | 18 32 | 2 18 | 25 54 | 5 50 | 9 47 | 1 21 | 21 9 | 0 2 | 12 3 | 2 43 | 16 2 | 0 26 | 4 26 | 1 25 | 21 12 | 5 43 | 19 45 | 20 4 | 10 23 | 17 30 | 5 18 |
| M15 | 8 42 | 20 58 | 1s15 | 18 59 | 2 24 | 26 4 | 5 54 | 9 34 | 1 21 | 21 9 | 0 2 | 12 2 | 2 43 | 16 2 | 0 26 | 4 27 | 1 25 | 21 12 | 5 43 | 19 45 | 20 4 | 10 25 | 17 31 | 5 18 |
| T 16 | 9 4 | 20 53 | 2 27 | 19 25 | 2 29 | 26 13 | 5 58 | 9 20 | 1 22 | 21 8 | 0 2 | 12 0 | 2 43 | 16 1 | 0 26 | 4 28 | 1 25 | 21 12 | 5 43 | 19 46 | 20 3 | 10 27 | 17 32 | 5 18 |
| W17 | 9 25 | 19 34 | 3 27 | 19 50 | 2 35 | 26 22 | 6 1 | 9 7 | 1 22 | 21 7 | 0 2 | 11 59 | 2 43 | 16 0 | 0 26 | 4 29 | 1 25 | 21 12 | 5 43 | 19 46 | 20 2 | 10 29 | 17 33 | 5 18 |
| T 18 | 9 47 | 17 13 | 4 15 | 20 14 | 2 40 | 26 30 | 6 5 | 8 53 | 1 22 | 21 6 | 0 2 | 11 57 | 2 43 | 16 0 | 0 26 | 4 30 | 1 25 | 21 12 | 5 43 | 19 46 | 20 2 | 10 31 | 17 33 | 5 17 |
| F 19 | 10 9 | 14 6 | 4 49 | 20 37 | 2 45 | 26 37 | 6 8 | 8 40 | 1 23 | 21 6 | 0 2 | 11 56 | 2 43 | 15 59 | 0 26 | 4 31 | 1 25 | 21 12 | 5 44 | 19 46 | 20 1 | 10 33 | 17 34 | 5 17 |
| S 20 | 10 30 | 10 25 | 5 8 | 20 58 | 2 50 | 26 43 | 6 10 | 8 26 | 1 23 | 21 5 | 0 2 | 11 54 | 2 43 | 15 58 | 0 26 | 4 31 | 1 25 | 21 12 | 5 44 | 19 46 | 20 0 | 10 35 | 17 35 | 5 17 |
| S 21 | 10 51 | 6 22 | 5 13 | 21 18 | 2 54 | 26 49 | 6 13 | 8 13 | 1 23 | 21 4 | 0 2 | 11 53 | 2 43 | 15 58 | 0 26 | 4 32 | 1 25 | 21 12 | 5 44 | 19 45 | 20 0 | 10 37 | 17 35 | 5 17 |
| M22 | 11 12 | 2 8 | 5 3 | 21 36 | 2 57 | 26 54 | 6 15 | 7 59 | 1 24 | 21 4 | 0 2 | 11 51 | 2 43 | 15 57 | 0 26 | 4 33 | 1 25 | 21 12 | 5 44 | 19 44 | 19 59 | 10 39 | 17 36 | 5 16 |
| T 23 | 11 33 | 2s 8 | 4 41 | 21 53 | 3 1 | 26 59 | 6 16 | 7 45 | 1 24 | 21 3 | 0 1 | 11 50 | 2 43 | 15 56 | 0 26 | 4 34 | 1 25 | 21 12 | 5 45 | 19 43 | 19 58 | 10 41 | 17 37 | 5 16 |
| W24 | 11 54 | 6 19 | 4 6 | 22 9 | 3 3 | 27 2 | 6 18 | 7 32 | 1 24 | 21 2 | 0 1 | 11 48 | 2 43 | 15 56 | 0 26 | 4 35 | 1 25 | 21 12 | 5 45 | 19 42 | 19 58 | 10 42 | 17 38 | 5 16 |
| T 25 | 12 14 | 10 14 | 3 21 | 22 23 | 3 5 | 27 5 | 6 19 | 7 18 | 1 25 | 21 2 | 0 1 | 11 47 | 2 43 | 15 55 | 0 26 | 4 36 | 1 25 | 21 12 | 5 45 | 19 41 | 19 57 | 10 44 | 17 38 | 5 16 |
| F 26 | 12 35 | 13 46 | 2 28 | 22 35 | 3 7 | 27 7 | 6 19 | 7 4 | 1 25 | 21 1 | 0 1 | 11 45 | 2 43 | 15 54 | 0 26 | 4 36 | 1 25 | 21 12 | 5 45 | 19 40 | 19 56 | 10 46 | 17 39 | 5 16 |
| S 27 | 12 55 | 16 45 | 1 27 | 22 45 | 3 8 | 27 8 | 6 19 | 6 51 | 1 25 | 21 1 | 0 1 | 11 44 | 2 43 | 15 53 | 0 26 | 4 37 | 1 25 | 21 12 | 5 45 | 19 40 | 19 56 | 10 48 | 17 40 | 5 15 |
| S 28 | 13 15 | 19 3 | 0 23 | 22 53 | 3 8 | 27 8 | 6 19 | 6 37 | 1 26 | 21 1 | 0 1 | 11 42 | 2 43 | 15 53 | 0 26 | 4 38 | 1 25 | 21 12 | 5 46 | 19 39 | 19 55 | 10 50 | 17 40 | 5 15 |
| M29 | 13 35 | 20 31 | 0n43 | 23 0 | 3 7 | 27 7 | 6 18 | 6 23 | 1 26 | 21 0 | 0 1 | 11 41 | 2 43 | 15 52 | 0 26 | 4 39 | 1 25 | 21 12 | 5 46 | 19 39 | 19 54 | 10 52 | 17 41 | 5 15 |
| T 30 | 13 54 | 21 2 | 1 49 | 23 4 | 3 5 | 27 5 | 6 17 | 6 9 | 1 27 | 21 0 | 0 1 | 11 39 | 2 43 | 15 51 | 0 26 | 4 40 | 1 25 | 21 12 | 5 46 | 19 40 | 19 54 | 10 54 | 17 42 | 5 15 |
| W31 | 14s13 | 20s33 | 2n50 | 23s 5 | 3s 2 | 27s 3 | 6s15 | 5n56 | 1n27 | 20n59 | 0s 1 | 11n38 | 2s43 | 15n51 | 0s26 | 4s40 | 1n25 | 21n12 | 5n46 | 19s40 | 19s53 | 10s56 | 17s42 | 5n15 |

Julian Day Number = 2612525.5, Delta T = 10m41s
Ecliptic obliquity = 23°22'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'09, Lahiri = 30°01'10


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## NOVEMBER 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 44 9 | 9♏15'13 | 12♑56 | 0♐20 | 3°R58 | 18♍57 | 25♋29 | 8°R 7 | 14°R49 | 15♎16 | 17♌ 1 | 28♏ 1 | 28♏55 | 20♎31 | 19♐10 | T 1 |
| F 2 | 2 48 5 | 10°15'02 | 25°49 | 0°R26 | 3♐49 | 19°33 | 25°31 | 8♉ 2 | 14♉47 | 15°18 | 17° 1 | 28° 2 | 28°52 | 20°38 | 19°16 | F 2 |
| S 3 | 2 52 2 | 11°14'52 | 9♒ 2 | 0°24 | 3°37 | 20° 9 | 25°33 | 7°58 | 14°44 | 15°20 | 17° 1 | 28°R 3 | 28°49 | 20°44 | 19°22 | S 3 |
| S 4 | 2 55 58 | 12°14'44 | 22°38 | 0°13 | 3°23 | 20°44 | 25°34 | 7°53 | 14°42 | 15°22 | 17° 2 | 28° 3 | 28°46 | 20°51 | 19°29 | S 4 |
| M 5 | 2 59 55 | 13°14'38 | 6♓39 | 29♏54 | 3° 6 | 21°20 | 25°36 | 7°48 | 14°40 | 15°24 | 17° 2 | 28° 2 | 28°43 | 20°58 | 19°35 | M 5 |
| T 6 | 3 3 51 | 14°14'33 | 21° 4 | 29°25 | 2°47 | 21°56 | 25°37 | 7°43 | 14°37 | 15°26 | 17° 3 | 28° 0 | 28°39 | 21° 4 | 19°42 | T 6 |
| W 7 | 3 7 48 | 15°14'30 | 5♈49 | 28°47 | 2°26 | 22°31 | 25°38 | 7°38 | 14°35 | 15°28 | 17° 3 | 27°59 | 28°36 | 21°11 | 19°48 | W 7 |
| T 8 | 3 11 44 | 16°14'28 | 20°49 | 27°59 | 2° 3 | 23° 7 | 25°39 | 7°34 | 14°32 | 15°30 | 17° 3 | 27°57 | 28°33 | 21°18 | 19°54 | T 8 |
| F 9 | 3 15 41 | 17°14'28 | 5♉56 | 27° 3 | 1°37 | 23°42 | 25°40 | 7°29 | 14°30 | 15°32 | 17° 3 | 27°56 | 28°30 | 21°24 | 20° 1 | F 9 |
| S 10 | 3 19 38 | 18°14'31 | 21° 1 | 25°59 | 1°10 | 24°18 | 25°40 | 7°24 | 14°27 | 15°34 | 17° 4 | 27°D56 | 28°27 | 21°31 | 20° 7 | S 10 |
| S 11 | 3 23 34 | 19°14'34 | 5♊54 | 24°48 | 0°40 | 24°53 | 25°40 | 7°20 | 14°25 | 15°36 | 17° 4 | 27°56 | 28°24 | 21°38 | 20°14 | S 11 |
| M12 | 3 27 31 | 20°14'40 | 20°29 | 23°32 | 0° 9 | 25°29 | 25°R41 | 7°15 | 14°22 | 15°38 | 17° 4 | 27°56 | 28°20 | 21°44 | 20°21 | M12 |
| T 13 | 3 31 27 | 21°14'48 | 4♋39 | 22°13 | 29♏37 | 26° 4 | 25°40 | 7°11 | 14°20 | 15°40 | 17° 4 | 27°57 | 28°17 | 21°51 | 20°27 | T 13 |
| W14 | 3 35 24 | 22°14'58 | 18°23 | 20°54 | 29° 3 | 26°39 | 25°40 | 7° 6 | 14°17 | 15°42 | 17° 4 | 27°57 | 28°14 | 21°58 | 20°34 | W14 |
| T 15 | 3 39 20 | 23°15'10 | 1♌40 | 19°38 | 28°29 | 27°14 | 25°40 | 7° 2 | 14°15 | 15°44 | 17° 4 | 27°58 | 28°11 | 22° 4 | 20°41 | T 15 |
| F 16 | 3 43 17 | 24°15'23 | 14°33 | 18°25 | 27°53 | 27°49 | 25°39 | 6°57 | 14°13 | 15°45 | 17° 4 | 27°58 | 28° 8 | 22°11 | 20°48 | F 16 |
| S 17 | 3 47 13 | 25°15'39 | 27° 4 | 17°20 | 27°17 | 28°25 | 25°38 | 6°53 | 14°10 | 15°47 | 17°R 4 | 27°R58 | 28° 5 | 22°18 | 20°54 | S 17 |
| S 18 | 3 51 10 | 26°15'57 | 9♍18 | 16°24 | 26°40 | 29° 0 | 25°37 | 6°48 | 14° 8 | 15°49 | 17° 4 | 27°58 | 28° 1 | 22°24 | 21° 1 | S 18 |
| M19 | 3 55 7 | 27°16'16 | 21°20 | 15°38 | 26° 4 | 29°34 | 25°36 | 6°44 | 14° 5 | 15°51 | 17° 4 | 27°58 | 27°58 | 22°31 | 21° 8 | M19 |
| T 20 | 3 59 3 | 28°16'38 | 3♎13 | 15° 3 | 25°28 | 0♎ 9 | 25°34 | 6°40 | 14° 3 | 15°53 | 17° 4 | 27°D58 | 27°55 | 22°38 | 21°15 | T 20 |
| W21 | 4 3 0 | 29°17'01 | 15° 2 | 14°39 | 24°52 | 0°44 | 25°32 | 6°35 | 14° 1 | 15°54 | 17° 4 | 27°58 | 27°52 | 22°44 | 21°22 | W21 |
| T 22 | 4 6 56 | 0♐17'26 | 26°51 | 14°28 | 24°17 | 1°19 | 25°30 | 6°31 | 13°58 | 15°56 | 17° 4 | 27°58 | 27°49 | 22°51 | 21°29 | T 22 |
| F 23 | 4 10 53 | 1°17'53 | 8♏43 | 14°D27 | 23°42 | 1°53 | 25°28 | 6°27 | 13°56 | 15°58 | 17° 4 | 27°58 | 27°45 | 22°58 | 21°36 | F 23 |
| S 24 | 4 14 49 | 2°18'22 | 20°40 | 14°38 | 23° 9 | 2°28 | 25°26 | 6°23 | 13°54 | 15°59 | 17° 4 | 27°59 | 27°42 | 23° 4 | 21°43 | S 24 |
| S 25 | 4 18 46 | 3°18'52 | 2♐44 | 14°58 | 22°37 | 3° 3 | 25°23 | 6°19 | 13°51 | 16° 1 | 17° 3 | 27°R59 | 27°39 | 23°11 | 21°50 | S 25 |
| M26 | 4 22 42 | 4°19'24 | 14°58 | 15°28 | 22° 7 | 3°37 | 25°21 | 6°15 | 13°49 | 16° 3 | 17° 3 | 27°58 | 27°36 | 23°18 | 21°57 | M26 |
| T 27 | 4 26 39 | 5°19'58 | 27°23 | 16° 6 | 21°38 | 4°11 | 25°18 | 6°11 | 13°47 | 16° 4 | 17° 3 | 27°58 | 27°33 | 23°24 | 22° 4 | T 27 |
| W28 | 4 30 36 | 6°20'33 | 10♑ 0 | 16°52 | 21°11 | 4°46 | 25°15 | 6° 7 | 13°45 | 16° 6 | 17° 3 | 27°57 | 27°30 | 23°31 | 22°11 | W28 |
| T 29 | 4 34 32 | 7°21'09 | 22°50 | 17°44 | 20°46 | 5°20 | 25°12 | 6° 4 | 13°42 | 16° 8 | 17° 2 | 27°55 | 27°26 | 23°38 | 22°18 | T 29 |
| F 30 | 4 38 29 | 8♐21'46 | 5♒55 | 18♏42 | 20♏24 | 5♎54 | 25♋ 8 | 6♉ 0 | 13♉40 | 16♎ 9 | 17♌ 2 | 27♏54 | 27♏23 | 23♎45 | 22♐25 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s33 | 19s 2 | 3n44 | 23s 4 | 2s58 | 26s59 | 6s12 | 5n42 | 1n27 | 20n59 | 0s 0 | 11n36 | 2s43 | 15n50 | 0s26 | 4s41 | 1n25 | 21n12 | 5n47 | 19s40 | 19s52 | 10s58 | 17s43 | 5n15 |
| F 2 | 14 51 | 16 32 | 4 28 | 23 0 | 2 53 | 26 54 | 6 9 | 5 28 | 1 28 | 20 59 | 0 0 | 11 35 | 2 43 | 15 49 | 0 26 | 4 42 | 1 25 | 21 12 | 5 47 | 19 40 | 19 51 | 11 0 | 17 43 | 5 14 |
| S 3 | 15 10 | 13 8 | 5 0 | 22 53 | 2 46 | 26 48 | 6 5 | 5 15 | 1 28 | 20 59 | 0 0 | 11 33 | 2 43 | 15 48 | 0 26 | 4 43 | 1 25 | 21 12 | 5 47 | 19 41 | 19 51 | 11 1 | 17 44 | 5 14 |
| S 4 | 15 28 | 8 58 | 5 15 | 22 43 | 2 38 | 26 41 | 6 1 | 5 1 | 1 28 | 20 58 | 0 0 | 11 32 | 2 43 | 15 48 | 0 26 | 4 43 | 1 25 | 21 12 | 5 47 | 19 41 | 19 50 | 11 3 | 17 45 | 5 14 |
| M 5 | 15 47 | 4 12 | 5 13 | 22 29 | 2 28 | 26 33 | 5 56 | 4 47 | 1 29 | 20 58 | 0n 0 | 11 30 | 2 43 | 15 47 | 0 26 | 4 44 | 1 25 | 21 12 | 5 47 | 19 40 | 19 49 | 11 5 | 17 45 | 5 14 |
| T 6 | 16 4 | 0n56 | 4 52 | 22 12 | 2 17 | 26 23 | 5 50 | 4 33 | 1 29 | 20 58 | 0 0 | 11 29 | 2 43 | 15 46 | 0 26 | 4 45 | 1 25 | 21 12 | 5 48 | 19 40 | 19 49 | 11 7 | 17 46 | 5 14 |
| W 7 | 16 22 | 6 8 | 4 10 | 21 51 | 2 4 | 26 13 | 5 44 | 4 20 | 1 29 | 20 58 | 0 0 | 11 27 | 2 43 | 15 46 | 0 26 | 4 46 | 1 25 | 21 12 | 5 48 | 19 40 | 19 48 | 11 9 | 17 47 | 5 14 |
| T 8 | 16 39 | 11 4 | 3 12 | 21 26 | 1 49 | 26 1 | 5 37 | 4 6 | 1 30 | 20 58 | 0 0 | 11 26 | 2 43 | 15 45 | 0 26 | 4 46 | 1 25 | 21 13 | 5 48 | 19 39 | 19 47 | 11 11 | 17 47 | 5 14 |
| F 9 | 16 56 | 15 20 | 1 59 | 20 57 | 1 33 | 25 48 | 5 29 | 3 52 | 1 30 | 20 58 | 0 1 | 11 24 | 2 43 | 15 44 | 0 26 | 4 47 | 1 26 | 21 13 | 5 48 | 19 39 | 19 47 | 11 13 | 17 48 | 5 13 |
| S 10 | 17 13 | 18 35 | 0 38 | 20 25 | 1 15 | 25 34 | 5 21 | 3 38 | 1 30 | 20 58 | 0 1 | 11 23 | 2 43 | 15 43 | 0 26 | 4 48 | 1 26 | 21 13 | 5 49 | 19 39 | 19 46 | 11 14 | 17 48 | 5 13 |
| S 11 | 17 30 | 20 31 | 0s44 | 19 49 | 0 56 | 25 19 | 5 11 | 3 25 | 1 31 | 20 58 | 0 1 | 11 22 | 2 43 | 15 43 | 0 26 | 4 49 | 1 26 | 21 13 | 5 49 | 19 39 | 19 45 | 11 16 | 17 49 | 5 13 |
| M12 | 17 46 | 21 1 | 2 2 | 19 11 | 0 36 | 25 3 | 5 2 | 3 11 | 1 31 | 20 58 | 0 1 | 11 20 | 2 43 | 15 42 | 0 26 | 4 49 | 1 26 | 21 13 | 5 49 | 19 39 | 19 45 | 11 18 | 17 49 | 5 13 |
| T 13 | 18 2 | 20 8 | 3 10 | 18 32 | 0 15 | 24 45 | 4 51 | 2 57 | 1 31 | 20 58 | 0 1 | 11 19 | 2 42 | 15 41 | 0 26 | 4 50 | 1 26 | 21 13 | 5 49 | 19 39 | 19 44 | 11 20 | 17 50 | 5 13 |
| W14 | 18 17 | 18 4 | 4 5 | 17 51 | 0n 5 | 24 27 | 4 40 | 2 44 | 1 32 | 20 59 | 0 1 | 11 17 | 2 42 | 15 41 | 0 26 | 4 51 | 1 26 | 21 14 | 5 50 | 19 39 | 19 43 | 11 22 | 17 51 | 5 13 |
| T 15 | 18 32 | 15 6 | 4 45 | 17 11 | 0 26 | 24 7 | 4 28 | 2 30 | 1 32 | 20 59 | 0 1 | 11 16 | 2 42 | 15 40 | 0 26 | 4 51 | 1 26 | 21 14 | 5 50 | 19 39 | 19 42 | 11 24 | 17 51 | 5 13 |
| F 16 | 18 47 | 11 29 | 5 9 | 16 33 | 0 45 | 23 47 | 4 15 | 2 16 | 1 32 | 20 59 | 0 1 | 11 15 | 2 42 | 15 39 | 0 26 | 4 52 | 1 26 | 21 14 | 5 50 | 19 40 | 19 42 | 11 26 | 17 52 | 5 13 |
| S 17 | 19 2 | 7 28 | 5 18 | 15 57 | 1 3 | 23 26 | 4 2 | 2 3 | 1 33 | 20 59 | 0 2 | 11 13 | 2 42 | 15 39 | 0 26 | 4 53 | 1 26 | 21 14 | 5 50 | 19 40 | 19 41 | 11 27 | 17 52 | 5 13 |
| S 18 | 19 16 | 3 14 | 5 12 | 15 25 | 1 20 | 23 4 | 3 48 | 1 49 | 1 33 | 21 0 | 0 2 | 11 12 | 2 42 | 15 38 | 0 26 | 4 53 | 1 26 | 21 14 | 5 50 | 19 40 | 19 40 | 11 29 | 17 53 | 5 13 |
| M19 | 19 30 | 1s 3 | 4 52 | 14 58 | 1 35 | 22 42 | 3 34 | 1 36 | 1 33 | 21 0 | 0 2 | 11 11 | 2 42 | 15 37 | 0 26 | 4 54 | 1 26 | 21 15 | 5 51 | 19 39 | 19 40 | 11 31 | 17 53 | 5 13 |
| T 20 | 19 44 | 5 15 | 4 20 | 14 35 | 1 48 | 22 19 | 3 20 | 1 22 | 1 33 | 21 1 | 0 2 | 11 10 | 2 42 | 15 36 | 0 26 | 4 55 | 1 26 | 21 15 | 5 51 | 19 39 | 19 39 | 11 33 | 17 54 | 5 13 |
| W21 | 19 57 | 9 15 | 3 37 | 14 18 | 1 59 | 21 56 | 3 5 | 1 9 | 1 34 | 21 1 | 0 2 | 11 8 | 2 41 | 15 36 | 0 26 | 4 55 | 1 26 | 21 15 | 5 51 | 19 39 | 19 38 | 11 35 | 17 54 | 5 13 |
| T 22 | 20 10 | 12 53 | 2 45 | 14 6 | 2 8 | 21 32 | 2 50 | 0 55 | 1 34 | 21 1 | 0 2 | 11 7 | 2 41 | 15 35 | 0 26 | 4 56 | 1 26 | 21 15 | 5 51 | 19 40 | 19 37 | 11 36 | 17 55 | 5 13 |
| F 23 | 20 22 | 16 2 | 1 45 | 13 59 | 2 15 | 21 9 | 2 35 | 0 42 | 1 34 | 21 2 | 0 2 | 11 6 | 2 41 | 15 34 | 0 26 | 4 57 | 1 26 | 21 16 | 5 52 | 19 40 | 19 37 | 11 38 | 17 55 | 5 13 |
| S 24 | 20 34 | 18 32 | 0 41 | 13 57 | 2 20 | 20 46 | 2 19 | 0 28 | 1 35 | 21 3 | 0 3 | 11 5 | 2 41 | 15 34 | 0 26 | 4 57 | 1 26 | 21 16 | 5 52 | 19 40 | 19 36 | 11 40 | 17 55 | 5 13 |
| S 25 | 20 46 | 20 13 | 0n26 | 14 0 | 2 24 | 20 23 | 2 4 | 0 15 | 1 35 | 21 3 | 0 3 | 11 4 | 2 41 | 15 33 | 0 26 | 4 58 | 1 26 | 21 16 | 5 52 | 19 40 | 19 35 | 11 42 | 17 56 | 5 13 |
| M26 | 20 57 | 21 0 | 1 33 | 14 6 | 2 26 | 20 0 | 1 48 | 0 2 | 1 35 | 21 4 | 0 3 | 11 2 | 2 41 | 15 32 | 0 26 | 4 58 | 1 26 | 21 16 | 5 52 | 19 40 | 19 35 | 11 44 | 17 56 | 5 13 |
| T 27 | 21 8 | 20 45 | 2 36 | 14 16 | 2 27 | 19 37 | 1 33 | 0s12 | 1 36 | 21 4 | 0 3 | 11 1 | 2 40 | 15 32 | 0 26 | 4 59 | 1 26 | 21 17 | 5 52 | 19 39 | 19 34 | 11 45 | 17 57 | 5 13 |
| W28 | 21 19 | 19 28 | 3 33 | 14 30 | 2 26 | 19 15 | 1 18 | 0 25 | 1 36 | 21 5 | 0 3 | 11 0 | 2 40 | 15 31 | 0 26 | 4 59 | 1 26 | 21 17 | 5 53 | 19 39 | 19 33 | 11 47 | 17 57 | 5 13 |
| T 29 | 21 29 | 17 11 | 4 20 | 14 46 | 2 25 | 18 54 | 1 2 | 0 38 | 1 36 | 21 6 | 0 3 | 10 59 | 2 40 | 15 30 | 0 26 | 5 0 | 1 26 | 21 17 | 5 53 | 19 39 | 19 32 | 11 49 | 17 57 | 5 13 |
| F 30 | 21s39 | 14s 0 | 4n54 | 15s 4 | 2n22 | 18s34 | 0s47 | 0s51 | 1n37 | 21n 7 | 0n 3 | 10n58 | 2s40 | 15n30 | 0s26 | 5s 1 | 1n26 | 21n18 | 5n53 | 19s39 | 19s32 | 11s51 | 17s58 | 5n13 |

Julian Day Number = 2612556.5, Delta T = 10m41s
Ecliptic obliquity = 23°22'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'14, Lahiri = 30°01'14


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# ASTRODIENST EPHEMERIS for the year 2440
# geocentric

## DECEMBER 2440 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 42 25 | 9♐22'24 | 19♒14 | 19♏45 | 20°R 3 | 6♎28 | 25°R 4 | 5°R56 | 13°R38 | 16♎11 | 17°R 2 | 27°R53 | 27♏20 | 23♎51 | 22♐32 | S 1 |
| S 2 | 4 46 22 | 10°23'04 | 2♓50 | 20°52 | 19♏45 | 7° 2 | 25♋ 1 | 5♉53 | 13♉36 | 16°12 | 17♌ 1 | 27♏52 | 27°17 | 23°58 | 22°39 | S 2 |
| M 3 | 4 50 18 | 11°23'44 | 16°42 | 22° 3 | 19°29 | 7°36 | 24°56 | 5°49 | 13°34 | 16°14 | 17° 1 | 27°D52 | 27°14 | 24° 5 | 22°46 | M 3 |
| T 4 | 4 54 15 | 12°24'26 | 0♈50 | 23°17 | 19°16 | 8°10 | 24°52 | 5°46 | 13°32 | 16°15 | 17° 0 | 27°53 | 27°11 | 24°11 | 22°54 | T 4 |
| W 5 | 4 58 11 | 13°25'08 | 15°13 | 24°34 | 19° 5 | 8°44 | 24°48 | 5°43 | 13°30 | 16°16 | 17° 0 | 27°54 | 27° 7 | 24°18 | 23° 1 | W 5 |
| T 6 | 5 2 8 | 14°25'52 | 29°48 | 25°53 | 18°56 | 9°17 | 24°43 | 5°39 | 13°28 | 16°18 | 16°59 | 27°55 | 27° 4 | 24°25 | 23° 8 | T 6 |
| F 7 | 5 6 5 | 15°26'36 | 14♉30 | 27°14 | 18°50 | 9°51 | 24°39 | 5°36 | 13°26 | 16°19 | 16°59 | 27°56 | 27° 1 | 24°31 | 23°15 | F 7 |
| S 8 | 5 10 1 | 16°27'22 | 29°14 | 28°37 | 18°46 | 10°24 | 24°34 | 5°33 | 13°24 | 16°20 | 16°58 | 27°R57 | 26°58 | 24°38 | 23°22 | S 8 |
| S 9 | 5 13 58 | 17°28'09 | 13♊53 | 0♐ 2 | 18°D45 | 10°58 | 24°29 | 5°30 | 13°22 | 16°22 | 16°58 | 27°56 | 26°55 | 24°45 | 23°29 | S 9 |
| M10 | 5 17 54 | 18°28'57 | 28°19 | 1°28 | 18°47 | 11°31 | 24°23 | 5°28 | 13°20 | 16°23 | 16°57 | 27°54 | 26°51 | 24°51 | 23°37 | M10 |
| T 11 | 5 21 51 | 19°29'46 | 12♋28 | 2°54 | 18°51 | 12° 4 | 24°18 | 5°25 | 13°18 | 16°24 | 16°57 | 27°52 | 26°48 | 24°58 | 23°44 | T 11 |
| W12 | 5 25 47 | 20°30'36 | 26°15 | 4°22 | 18°57 | 12°38 | 24°12 | 5°22 | 13°16 | 16°25 | 16°56 | 27°48 | 26°45 | 25° 5 | 23°51 | W12 |
| T 13 | 5 29 44 | 21°31'28 | 9♌37 | 5°50 | 19° 5 | 13°11 | 24° 7 | 5°20 | 13°14 | 16°27 | 16°55 | 27°45 | 26°42 | 25°11 | 23°58 | T 13 |
| F 14 | 5 33 40 | 22°32'20 | 22°35 | 7°20 | 19°16 | 13°44 | 24° 1 | 5°17 | 13°13 | 16°28 | 16°55 | 27°41 | 26°39 | 25°18 | 24° 6 | F 14 |
| S 15 | 5 37 37 | 23°33'14 | 5♍11 | 8°49 | 19°29 | 14°17 | 23°55 | 5°15 | 13°11 | 16°29 | 16°54 | 27°39 | 26°36 | 25°25 | 24°13 | S 15 |
| S 16 | 5 41 34 | 24°34'09 | 17°29 | 10°19 | 19°44 | 14°49 | 23°49 | 5°12 | 13° 9 | 16°30 | 16°53 | 27°37 | 26°32 | 25°31 | 24°20 | S 16 |
| M17 | 5 45 30 | 25°35'05 | 29°31 | 11°50 | 20° 1 | 15°22 | 23°42 | 5°10 | 13° 8 | 16°31 | 16°52 | 27°D37 | 26°29 | 25°38 | 24°27 | M17 |
| T 18 | 5 49 27 | 26°36'03 | 11♎25 | 13°20 | 20°20 | 15°55 | 23°36 | 5° 8 | 13° 6 | 16°32 | 16°52 | 27°38 | 26°26 | 25°45 | 24°34 | T 18 |
| W19 | 5 53 23 | 27°37'01 | 23°13 | 14°52 | 20°42 | 16°27 | 23°29 | 5° 6 | 13° 4 | 16°33 | 16°51 | 27°40 | 26°23 | 25°51 | 24°42 | W19 |
| T 20 | 5 57 20 | 28°38'01 | 5♏ 2 | 16°23 | 21° 5 | 17° 0 | 23°23 | 5° 4 | 13° 3 | 16°34 | 16°50 | 27°42 | 26°20 | 25°58 | 24°49 | T 20 |
| F 21 | 6 1 16 | 29°39'02 | 16°56 | 17°55 | 21°30 | 17°32 | 23°16 | 5° 2 | 13° 1 | 16°35 | 16°49 | 27°43 | 26°17 | 26° 5 | 24°56 | F 21 |
| S 22 | 6 5 13 | 0♑40'03 | 28°59 | 19°26 | 21°56 | 18° 4 | 23° 9 | 5° 1 | 13° 0 | 16°36 | 16°48 | 27°R44 | 26°13 | 26°11 | 25° 3 | S 22 |
| S 23 | 6 9 9 | 1°41'06 | 11♐14 | 20°59 | 22°25 | 18°36 | 23° 2 | 4°59 | 12°59 | 16°37 | 16°47 | 27°43 | 26°10 | 26°18 | 25°10 | S 23 |
| M24 | 6 13 6 | 2°42'09 | 23°43 | 22°31 | 22°55 | 19° 8 | 22°55 | 4°58 | 12°57 | 16°38 | 16°47 | 27°40 | 26° 7 | 26°25 | 25°18 | M24 |
| T 25 | 6 17 3 | 3°43'14 | 6♑27 | 24° 3 | 23°26 | 19°40 | 22°47 | 4°56 | 12°56 | 16°38 | 16°46 | 27°36 | 26° 4 | 26°31 | 25°25 | T 25 |
| W26 | 6 20 59 | 4°44'18 | 19°26 | 25°36 | 23°59 | 20°12 | 22°40 | 4°55 | 12°55 | 16°39 | 16°45 | 27°30 | 26° 1 | 26°38 | 25°32 | W26 |
| T 27 | 6 24 56 | 5°45'23 | 2♒40 | 27° 9 | 24°34 | 20°43 | 22°33 | 4°54 | 12°53 | 16°40 | 16°44 | 27°23 | 25°57 | 26°45 | 25°39 | T 27 |
| F 28 | 6 28 52 | 6°46'29 | 16° 7 | 28°42 | 25°10 | 21°15 | 22°25 | 4°53 | 12°52 | 16°41 | 16°43 | 27°16 | 25°54 | 26°51 | 25°46 | F 28 |
| S 29 | 6 32 49 | 7°47'35 | 29°46 | 0♑15 | 25°47 | 21°46 | 22°17 | 4°52 | 12°51 | 16°41 | 16°42 | 27°10 | 25°51 | 26°58 | 25°53 | S 29 |
| S 30 | 6 36 45 | 8°48'41 | 13♓33 | 1°48 | 26°25 | 22°17 | 22°10 | 4°51 | 12°50 | 16°42 | 16°41 | 27° 6 | 25°48 | 27° 4 | 26° 0 | S 30 |
| M31 | 6 40 42 | 9♑49'47 | 27♓29 | 3♑22 | 27♏ 5 | 22♎48 | 22♋ 2 | 4♉51 | 12♉49 | 16♎43 | 16♌40 | 27♏ 3 | 25♏45 | 27♎11 | 26♐ 7 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 21s48 | 10s 3 | 5n13 | 15s24 | 2n19 | 18s14 | 0s32 | 1s 5 | 1n37 | 21n 7 | 0n 4 | 10n57 | 2s40 | 15n29 | 0s26 | 5s 1 | 1n26 | 21n18 | 5n53 | 19s38 | 19s31 | 11s53 | 17s58 | 5n13 | S 1 |
| S 2 | 21 57 | 5 31 | 5 16 | 15 46 | 2 15 | 17 55 | 0 18 | 1 18 | 1 37 | 21 8 | 0 4 | 10 56 | 2 40 | 15 29 | 0 26 | 5 2 | 1 26 | 21 18 | 5 54 | 19 38 | 19 30 | 11 54 | 17 58 | 5 13 | S 2 |
| M 3 | 22 6 | 0 38 | 5 0 | 16 8 | 2 10 | 17 37 | 0 4 | 1 31 | 1 38 | 21 9 | 0 4 | 10 55 | 2 39 | 15 28 | 0 25 | 5 2 | 1 26 | 21 19 | 5 54 | 19 38 | 19 30 | 11 56 | 17 59 | 5 13 | M 3 |
| T 4 | 22 14 | 4n24 | 4 26 | 16 32 | 2 5 | 17 20 | 0n10 | 1 44 | 1 38 | 21 10 | 0 4 | 10 54 | 2 39 | 15 27 | 0 25 | 5 3 | 1 26 | 21 19 | 5 54 | 19 38 | 19 29 | 11 58 | 17 59 | 5 13 | T 4 |
| W 5 | 22 21 | 9 17 | 3 35 | 16 56 | 1 59 | 17 4 | 0 24 | 1 57 | 1 38 | 21 11 | 0 4 | 10 54 | 2 39 | 15 27 | 0 25 | 5 3 | 1 27 | 21 19 | 5 54 | 19 39 | 19 28 | 12 0 | 17 59 | 5 13 | W 5 |
| T 6 | 22 28 | 13 42 | 2 30 | 17 21 | 1 53 | 16 49 | 0 37 | 2 10 | 1 39 | 21 12 | 0 4 | 10 53 | 2 39 | 15 26 | 0 25 | 5 4 | 1 27 | 21 20 | 5 54 | 19 39 | 19 27 | 12 2 | 18 0 | 5 13 | T 6 |
| F 7 | 22 35 | 17 20 | 1 14 | 17 46 | 1 47 | 16 36 | 0 49 | 2 23 | 1 39 | 21 13 | 0 4 | 10 52 | 2 38 | 15 26 | 0 25 | 5 4 | 1 27 | 21 20 | 5 55 | 19 39 | 19 27 | 12 3 | 18 0 | 5 13 | F 7 |
| S 8 | 22 42 | 19 49 | 0s 7 | 18 11 | 1 40 | 16 23 | 1 1 | 2 35 | 1 39 | 21 14 | 0 5 | 10 51 | 2 38 | 15 25 | 0 25 | 5 5 | 1 27 | 21 20 | 5 55 | 19 39 | 19 26 | 12 5 | 18 0 | 5 13 | S 8 |
| S 9 | 22 47 | 20 58 | 1 27 | 18 35 | 1 33 | 16 11 | 1 13 | 2 48 | 1 39 | 21 15 | 0 5 | 10 50 | 2 38 | 15 25 | 0 25 | 5 5 | 1 27 | 21 21 | 5 55 | 19 39 | 19 25 | 12 7 | 18 1 | 5 13 | S 9 |
| M10 | 22 53 | 20 42 | 2 40 | 19 0 | 1 26 | 16 1 | 1 24 | 3 1 | 1 40 | 21 16 | 0 5 | 10 50 | 2 38 | 15 24 | 0 25 | 5 5 | 1 27 | 21 21 | 5 55 | 19 39 | 19 24 | 12 9 | 18 1 | 5 13 | M10 |
| T 11 | 22 58 | 19 7 | 3 42 | 19 24 | 1 19 | 15 51 | 1 35 | 3 13 | 1 40 | 21 17 | 0 5 | 10 49 | 2 38 | 15 23 | 0 25 | 5 6 | 1 27 | 21 22 | 5 56 | 19 38 | 19 24 | 12 10 | 18 1 | 5 13 | T 11 |
| W12 | 23 3 | 16 27 | 4 28 | 19 47 | 1 12 | 15 43 | 1 46 | 3 26 | 1 40 | 21 18 | 0 5 | 10 48 | 2 37 | 15 23 | 0 25 | 5 6 | 1 27 | 21 22 | 5 56 | 19 37 | 19 23 | 12 12 | 18 1 | 5 13 | W12 |
| T 13 | 23 7 | 12 59 | 4 59 | 20 10 | 1 4 | 15 36 | 1 56 | 3 39 | 1 41 | 21 19 | 0 5 | 10 48 | 2 37 | 15 22 | 0 25 | 5 7 | 1 27 | 21 22 | 5 56 | 19 37 | 19 22 | 12 14 | 18 1 | 5 14 | T 13 |
| F 14 | 23 10 | 9 0 | 5 13 | 20 33 | 0 57 | 15 29 | 2 5 | 3 51 | 1 41 | 21 20 | 0 5 | 10 47 | 2 37 | 15 22 | 0 25 | 5 7 | 1 27 | 21 23 | 5 56 | 19 36 | 19 21 | 12 16 | 18 2 | 5 14 | F 14 |
| S 15 | 23 13 | 4 45 | 5 12 | 20 54 | 0 50 | 15 24 | 2 14 | 4 4 | 1 41 | 21 22 | 0 6 | 10 47 | 2 37 | 15 21 | 0 25 | 5 7 | 1 27 | 21 23 | 5 56 | 19 35 | 19 21 | 12 17 | 18 2 | 5 14 | S 15 |
| S 16 | 23 16 | 0 23 | 4 56 | 21 15 | 0 42 | 15 20 | 2 23 | 4 16 | 1 42 | 21 23 | 0 6 | 10 46 | 2 36 | 15 21 | 0 25 | 5 8 | 1 27 | 21 24 | 5 57 | 19 35 | 19 20 | 12 19 | 18 2 | 5 14 | S 16 |
| M17 | 23 18 | 3s54 | 4 27 | 21 35 | 0 35 | 15 17 | 2 31 | 4 28 | 1 42 | 21 24 | 0 6 | 10 46 | 2 36 | 15 20 | 0 25 | 5 8 | 1 27 | 21 24 | 5 57 | 19 35 | 19 19 | 12 21 | 18 2 | 5 14 | M17 |
| T 18 | 23 20 | 7 59 | 3 47 | 21 54 | 0 27 | 15 14 | 2 39 | 4 40 | 1 42 | 21 25 | 0 6 | 10 45 | 2 36 | 15 20 | 0 25 | 5 9 | 1 27 | 21 25 | 5 57 | 19 35 | 19 19 | 12 23 | 18 2 | 5 14 | T 18 |
| W19 | 23 22 | 11 46 | 2 58 | 22 12 | 0 20 | 15 13 | 2 46 | 4 52 | 1 42 | 21 27 | 0 6 | 10 45 | 2 36 | 15 20 | 0 25 | 5 9 | 1 27 | 21 25 | 5 57 | 19 35 | 19 18 | 12 24 | 18 2 | 5 14 | W19 |
| T 20 | 23 22 | 15 4 | 2 1 | 22 29 | 0 13 | 15 12 | 2 53 | 5 5 | 1 43 | 21 28 | 0 6 | 10 44 | 2 35 | 15 19 | 0 25 | 5 9 | 1 27 | 21 25 | 5 57 | 19 36 | 19 17 | 12 26 | 18 2 | 5 15 | T 20 |
| F 21 | 23 23 | 17 48 | 0 59 | 22 45 | 0 5 | 15 12 | 3 0 | 5 17 | 1 43 | 21 29 | 0 6 | 10 44 | 2 35 | 15 19 | 0 25 | 5 9 | 1 27 | 21 26 | 5 58 | 19 36 | 19 16 | 12 28 | 18 3 | 5 15 | F 21 |
| S 22 | 23 23 | 19 46 | 0n 7 | 22 59 | 0s 2 | 15 13 | 3 6 | 5 29 | 1 43 | 21 30 | 0 7 | 10 44 | 2 35 | 15 18 | 0 25 | 5 10 | 1 27 | 21 26 | 5 58 | 19 36 | 19 16 | 12 29 | 18 3 | 5 15 | S 22 |
| S 23 | 23 22 | 20 52 | 1 13 | 23 13 | 0 9 | 15 14 | 3 12 | 5 40 | 1 44 | 21 32 | 0 7 | 10 43 | 2 34 | 15 18 | 0 25 | 5 10 | 1 27 | 21 27 | 5 58 | 19 36 | 19 15 | 12 31 | 18 3 | 5 15 | S 23 |
| M24 | 23 21 | 20 57 | 2 17 | 23 26 | 0 16 | 15 17 | 3 17 | 5 52 | 1 44 | 21 33 | 0 7 | 10 43 | 2 34 | 15 17 | 0 25 | 5 10 | 1 27 | 21 27 | 5 58 | 19 35 | 19 14 | 12 33 | 18 3 | 5 15 | M24 |
| T 25 | 23 20 | 19 58 | 3 15 | 23 37 | 0 23 | 15 19 | 3 22 | 6 4 | 1 44 | 21 34 | 0 7 | 10 43 | 2 34 | 15 17 | 0 25 | 5 11 | 1 28 | 21 28 | 5 58 | 19 34 | 19 13 | 12 35 | 18 3 | 5 15 | T 25 |
| W26 | 23 18 | 17 56 | 4 5 | 23 48 | 0 29 | 15 23 | 3 27 | 6 15 | 1 45 | 21 36 | 0 7 | 10 43 | 2 34 | 15 17 | 0 25 | 5 11 | 1 28 | 21 28 | 5 59 | 19 33 | 19 13 | 12 36 | 18 3 | 5 16 | W26 |
| T 27 | 23 15 | 14 56 | 4 42 | 23 57 | 0 36 | 15 27 | 3 31 | 6 27 | 1 45 | 21 37 | 0 7 | 10 43 | 2 33 | 15 16 | 0 25 | 5 11 | 1 28 | 21 29 | 5 59 | 19 32 | 19 12 | 12 38 | 18 3 | 5 16 | T 27 |
| F 28 | 23 12 | 11 7 | 5 4 | 24 5 | 0 42 | 15 32 | 3 35 | 6 39 | 1 45 | 21 39 | 0 7 | 10 43 | 2 33 | 15 16 | 0 25 | 5 11 | 1 28 | 21 29 | 5 59 | 19 30 | 19 11 | 12 40 | 18 3 | 5 16 | F 28 |
| S 29 | 23 9 | 6 41 | 5 10 | 24 11 | 0 48 | 15 37 | 3 39 | 6 50 | 1 45 | 21 40 | 0 8 | 10 43 | 2 33 | 15 16 | 0 25 | 5 12 | 1 28 | 21 30 | 5 59 | 19 29 | 19 10 | 12 41 | 18 3 | 5 16 | S 29 |
| S 30 | 23 5 | 1 52 | 4 57 | 24 17 | 0 55 | 15 42 | 3 42 | 7 1 | 1 46 | 21 41 | 0 8 | 10 43 | 2 33 | 15 15 | 0 25 | 5 12 | 1 28 | 21 30 | 5 59 | 19 28 | 19 10 | 12 43 | 18 3 | 5 17 | S 30 |
| M31 | 23s 1 | 3n 6 | 4n28 | 24s21 | 1s 0 | 15s48 | 3n45 | 7s12 | 1n46 | 21n43 | 0n 8 | 10n43 | 2s32 | 15n15 | 0s25 | 5s12 | 1n28 | 21n31 | 5n59 | 19s27 | 19s 9 | 12s45 | 18s 3 | 5n17 | M31 |

Julian Day Number = 2612586.5, Delta T = 10m41s
Ecliptic obliquity = 23°22'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'18, Lahiri = 30°01'18


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## JANUARY 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 44 38 | 10♑50'53 | 11♈32 | 4♑56 | 27♏46 | 23♎19 | 21°R54 | 4°R50 | 12°R48 | 16♎43 | 16°R39 | 27°D 2 | 25♏42 | 27♎18 | 26♐14 | T 1 |
| W 2 | 6 48 35 | 11°51'59 | 25°40 | 6°30 | 28°28 | 23°50 | 21♋46 | 4♉49 | 12♉47 | 16°44 | 16♌37 | 27♏ 3 | 25°38 | 27°24 | 26°21 | W 2 |
| T 3 | 6 52 32 | 12°53'06 | 9♉52 | 8° 4 | 29°11 | 24°21 | 21°38 | 4°49 | 12°46 | 16°44 | 16°36 | 27° 4 | 25°35 | 27°31 | 26°28 | T 3 |
| F 4 | 6 56 28 | 13°54'12 | 24° 7 | 9°39 | 29°56 | 24°51 | 21°30 | 4°49 | 12°45 | 16°45 | 16°35 | 27°R 5 | 25°32 | 27°38 | 26°35 | F 4 |
| S 5 | 7 0 25 | 14°55'19 | 8♊22 | 11°13 | 0♐41 | 25°22 | 21°22 | 4°49 | 12°45 | 16°45 | 16°34 | 27° 4 | 25°29 | 27°44 | 26°42 | S 5 |
| S 6 | 7 4 21 | 15°56'25 | 22°34 | 12°48 | 1°27 | 25°52 | 21°14 | 4°D49 | 12°44 | 16°46 | 16°33 | 27° 2 | 25°26 | 27°51 | 26°49 | S 6 |
| M 7 | 7 8 18 | 16°57'32 | 6♋38 | 14°24 | 2°14 | 26°22 | 21° 6 | 4°49 | 12°43 | 16°46 | 16°32 | 26°57 | 25°23 | 27°58 | 26°56 | M 7 |
| T 8 | 7 12 14 | 17°58'38 | 20°30 | 16° 0 | 3° 2 | 26°52 | 20°58 | 4°49 | 12°42 | 16°46 | 16°31 | 26°49 | 25°19 | 28° 4 | 27° 3 | T 8 |
| W 9 | 7 16 11 | 18°59'45 | 4♌ 7 | 17°36 | 3°51 | 27°22 | 20°50 | 4°49 | 12°42 | 16°47 | 16°29 | 26°40 | 25°16 | 28°11 | 27°10 | W 9 |
| T 10 | 7 20 8 | 20° 0'52 | 17°24 | 19°12 | 4°41 | 27°52 | 20°42 | 4°50 | 12°41 | 16°47 | 16°28 | 26°31 | 25°13 | 28°18 | 27°17 | T 10 |
| F 11 | 7 24 4 | 21° 1'58 | 0♍21 | 20°49 | 5°32 | 28°21 | 20°34 | 4°50 | 12°41 | 16°47 | 16°27 | 26°21 | 25°10 | 28°24 | 27°23 | F 11 |
| S 12 | 7 28 1 | 22° 3'05 | 12°57 | 22°26 | 6°23 | 28°51 | 20°26 | 4°51 | 12°40 | 16°47 | 16°26 | 26°13 | 25° 7 | 28°31 | 27°30 | S 12 |
| S 13 | 7 31 57 | 23° 4'13 | 25°16 | 24° 4 | 7°15 | 29°20 | 20°18 | 4°51 | 12°40 | 16°47 | 16°25 | 26° 6 | 25° 3 | 28°38 | 27°37 | S 13 |
| M14 | 7 35 54 | 24° 5'20 | 7♎20 | 25°41 | 8° 8 | 29°49 | 20°10 | 4°52 | 12°40 | 16°48 | 16°23 | 26° 3 | 25° 0 | 28°44 | 27°44 | M14 |
| T 15 | 7 39 50 | 25° 6'27 | 19°14 | 27°20 | 9° 2 | 0♏18 | 20° 2 | 4°53 | 12°39 | 16°48 | 16°22 | 26° 1 | 24°57 | 28°51 | 27°50 | T 15 |
| W16 | 7 43 47 | 26° 7'35 | 1♏ 3 | 28°59 | 9°56 | 0°47 | 19°54 | 4°54 | 12°39 | 16°48 | 16°21 | 26°D 1 | 24°54 | 28°58 | 27°57 | W16 |
| T 17 | 7 47 43 | 27° 8'42 | 12°52 | 0♒38 | 10°51 | 1°15 | 19°46 | 4°55 | 12°39 | 16°R48 | 16°19 | 26° 1 | 24°51 | 29° 4 | 28° 4 | T 17 |
| F 18 | 7 51 40 | 28° 9'50 | 24°47 | 2°17 | 11°46 | 1°43 | 19°38 | 4°57 | 12°39 | 16°48 | 16°18 | 26°R 2 | 24°48 | 29°11 | 28°10 | F 18 |
| S 19 | 7 55 37 | 29°10'58 | 6♐52 | 3°57 | 12°42 | 2°12 | 19°30 | 4°58 | 12°39 | 16°48 | 16°17 | 26° 1 | 24°44 | 29°18 | 28°17 | S 19 |
| S 20 | 7 59 33 | 0♒12'05 | 19°13 | 5°38 | 13°39 | 2°40 | 19°22 | 5° 0 | 12°D39 | 16°48 | 16°16 | 25°59 | 24°41 | 29°24 | 28°23 | S 20 |
| M21 | 8 3 30 | 1°13'13 | 1♑53 | 7°19 | 14°36 | 3° 7 | 19°14 | 5° 1 | 12°39 | 16°47 | 16°14 | 25°53 | 24°38 | 29°31 | 28°29 | M21 |
| T 22 | 8 7 26 | 2°14'20 | 14°53 | 9° 0 | 15°34 | 3°35 | 19° 6 | 5° 3 | 12°39 | 16°47 | 16°13 | 25°45 | 24°35 | 29°38 | 28°36 | T 22 |
| W23 | 8 11 23 | 3°15'27 | 28°14 | 10°41 | 16°32 | 4° 2 | 18°59 | 5° 5 | 12°39 | 16°47 | 16°12 | 25°35 | 24°32 | 29°44 | 28°42 | W23 |
| T 24 | 8 15 19 | 4°16'33 | 11♒53 | 12°23 | 17°31 | 4°30 | 18°51 | 5° 7 | 12°39 | 16°47 | 16°10 | 25°23 | 24°29 | 29°51 | 28°48 | T 24 |
| F 25 | 8 19 16 | 5°17'39 | 25°48 | 14° 5 | 18°30 | 4°56 | 18°43 | 5° 9 | 12°39 | 16°47 | 16° 9 | 25°11 | 24°25 | 29°58 | 28°55 | F 25 |
| S 26 | 8 23 12 | 6°18'44 | 9♓54 | 15°47 | 19°30 | 5°23 | 18°36 | 5°11 | 12°40 | 16°46 | 16° 7 | 25° 1 | 24°22 | 0♏ 4 | 29° 1 | S 26 |
| S 27 | 8 27 9 | 7°19'48 | 24° 6 | 17°29 | 20°30 | 5°50 | 18°29 | 5°13 | 12°40 | 16°46 | 16° 6 | 24°52 | 24°19 | 0°11 | 29° 7 | S 27 |
| M28 | 8 31 6 | 8°20'52 | 8♈19 | 19°11 | 21°30 | 6°16 | 18°21 | 5°16 | 12°40 | 16°46 | 16° 5 | 24°46 | 24°16 | 0°18 | 29°13 | M28 |
| T 29 | 8 35 2 | 9°21'54 | 22°31 | 20°53 | 22°31 | 6°42 | 18°14 | 5°18 | 12°41 | 16°45 | 16° 3 | 24°43 | 24°13 | 0°24 | 29°19 | T 29 |
| W30 | 8 38 59 | 10°22'56 | 6♉39 | 22°35 | 23°32 | 7° 8 | 18° 7 | 5°21 | 12°41 | 16°45 | 16° 2 | 24°D42 | 24° 9 | 0°31 | 29°25 | W30 |
| T 31 | 8 42 55 | 11♒23'57 | 20♉42 | 24♒16 | 24♐34 | 7♏34 | 18♋ 0 | 5♉23 | 12♉42 | 16♎44 | 16♌ 1 | 24°R42 | 24♏ 6 | 0♏38 | 29♐31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 22s56 | 7n57 | 3n42 | 24s23 | 1s 6 | 15s54 | 3n48 | 7s24 | 1n46 | 21n44 | 0n 8 | 10n43 | 2s32 | 15n15 | 0s25 | 5s12 | 1n28 | 21n31 | 6n 0 | 19s27 | 19s 8 | 12s46 | 18s 3 | 5n17 | T 1 |
| W 2 | 22 51 | 12 24 | 2 42 | 24 25 | 1 12 | 16 1 | 3 51 | 7 35 | 1 47 | 21 45 | 0 8 | 10 43 | 2 32 | 15 15 | 0 25 | 5 12 | 1 28 | 21 32 | 6 0 | 19 27 | 19 7 | 12 48 | 18 3 | 5 17 | W 2 |
| T 3 | 22 45 | 16 11 | 1 32 | 24 25 | 1 17 | 16 8 | 3 53 | 7 46 | 1 47 | 21 47 | 0 8 | 10 43 | 2 31 | 15 14 | 0 25 | 5 12 | 1 28 | 21 32 | 6 0 | 19 27 | 19 7 | 12 50 | 18 2 | 5 18 | T 3 |
| F 4 | 22 39 | 19 1 | 0 16 | 24 24 | 1 22 | 16 16 | 3 55 | 7 56 | 1 47 | 21 48 | 0 8 | 10 43 | 2 31 | 15 14 | 0 25 | 5 12 | 1 28 | 21 33 | 6 0 | 19 28 | 19 6 | 12 51 | 18 2 | 5 18 | F 4 |
| S 5 | 22 33 | 20 39 | 1s 1 | 24 21 | 1 27 | 16 23 | 3 56 | 8 7 | 1 47 | 21 50 | 0 9 | 10 43 | 2 31 | 15 14 | 0 25 | 5 13 | 1 28 | 21 33 | 6 0 | 19 27 | 19 5 | 12 53 | 18 2 | 5 18 | S 5 |
| S 6 | 22 26 | 20 57 | 2 13 | 24 17 | 1 32 | 16 31 | 3 58 | 8 18 | 1 48 | 21 51 | 0 9 | 10 44 | 2 31 | 15 14 | 0 25 | 5 13 | 1 28 | 21 34 | 6 0 | 19 27 | 19 4 | 12 55 | 18 2 | 5 19 | S 6 |
| M 7 | 22 18 | 19 57 | 3 17 | 24 12 | 1 36 | 16 39 | 3 59 | 8 28 | 1 48 | 21 52 | 0 9 | 10 44 | 2 30 | 15 14 | 0 25 | 5 13 | 1 28 | 21 34 | 6 1 | 19 26 | 19 4 | 12 56 | 18 2 | 5 19 | M 7 |
| T 8 | 22 11 | 17 45 | 4 7 | 24 5 | 1 40 | 16 47 | 4 0 | 8 39 | 1 48 | 21 54 | 0 9 | 10 44 | 2 30 | 15 13 | 0 25 | 5 13 | 1 28 | 21 35 | 6 1 | 19 24 | 19 3 | 12 58 | 18 2 | 5 19 | T 8 |
| W 9 | 22 2 | 14 36 | 4 43 | 23 57 | 1 44 | 16 56 | 4 1 | 8 49 | 1 48 | 21 55 | 0 9 | 10 45 | 2 30 | 15 13 | 0 25 | 5 13 | 1 28 | 21 35 | 6 1 | 19 22 | 19 2 | 13 0 | 18 2 | 5 19 | W 9 |
| T 10 | 21 54 | 10 47 | 5 2 | 23 47 | 1 48 | 17 4 | 4 1 | 9 0 | 1 49 | 21 57 | 0 9 | 10 45 | 2 29 | 15 13 | 0 25 | 5 13 | 1 28 | 21 36 | 6 1 | 19 20 | 19 1 | 13 1 | 18 1 | 5 20 | T 10 |
| F 11 | 21 44 | 6 33 | 5 5 | 23 36 | 1 51 | 17 12 | 4 2 | 9 10 | 1 49 | 21 58 | 0 9 | 10 46 | 2 29 | 15 13 | 0 25 | 5 13 | 1 28 | 21 36 | 6 1 | 19 17 | 19 1 | 13 3 | 18 1 | 5 20 | F 11 |
| S 12 | 21 35 | 2 10 | 4 53 | 23 24 | 1 54 | 17 21 | 4 2 | 9 20 | 1 49 | 21 59 | 0 10 | 10 46 | 2 29 | 15 13 | 0 25 | 5 13 | 1 29 | 21 37 | 6 1 | 19 15 | 19 0 | 13 5 | 18 1 | 5 20 | S 12 |
| S 13 | 21 25 | 2s13 | 4 28 | 23 10 | 1 57 | 17 30 | 4 2 | 9 30 | 1 49 | 22 1 | 0 10 | 10 47 | 2 28 | 15 13 | 0 24 | 5 13 | 1 29 | 21 37 | 6 1 | 19 14 | 18 59 | 13 6 | 18 1 | 5 21 | S 13 |
| M14 | 21 14 | 6 26 | 3 51 | 22 55 | 2 0 | 17 38 | 4 1 | 9 40 | 1 50 | 22 2 | 0 10 | 10 47 | 2 28 | 15 13 | 0 24 | 5 13 | 1 29 | 21 38 | 6 2 | 19 13 | 18 58 | 13 8 | 18 1 | 5 21 | M14 |
| T 15 | 21 4 | 10 21 | 3 4 | 22 38 | 2 2 | 17 47 | 4 1 | 9 50 | 1 50 | 22 3 | 0 10 | 10 48 | 2 28 | 15 13 | 0 24 | 5 13 | 1 29 | 21 38 | 6 2 | 19 13 | 18 57 | 13 10 | 18 0 | 5 21 | T 15 |
| W16 | 20 52 | 13 50 | 2 10 | 22 20 | 2 4 | 17 56 | 4 0 | 10 0 | 1 50 | 22 5 | 0 10 | 10 48 | 2 28 | 15 13 | 0 24 | 5 13 | 1 29 | 21 39 | 6 2 | 19 13 | 18 57 | 13 11 | 18 0 | 5 22 | W16 |
| T 17 | 20 41 | 16 46 | 1 10 | 22 0 | 2 5 | 18 4 | 3 59 | 10 9 | 1 50 | 22 6 | 0 10 | 10 49 | 2 27 | 15 13 | 0 24 | 5 13 | 1 29 | 21 39 | 6 2 | 19 13 | 18 56 | 13 13 | 18 0 | 5 22 | T 17 |
| F 18 | 20 29 | 19 1 | 0 7 | 21 39 | 2 6 | 18 12 | 3 58 | 10 19 | 1 51 | 22 7 | 0 10 | 10 50 | 2 27 | 15 13 | 0 24 | 5 13 | 1 29 | 21 40 | 6 2 | 19 13 | 18 55 | 13 14 | 18 0 | 5 23 | F 18 |
| S 19 | 20 16 | 20 27 | 0n58 | 21 16 | 2 7 | 18 21 | 3 57 | 10 28 | 1 51 | 22 8 | 0 10 | 10 50 | 2 27 | 15 13 | 0 24 | 5 13 | 1 29 | 21 40 | 6 2 | 19 13 | 18 54 | 13 16 | 17 59 | 5 23 | S 19 |
| S 20 | 20 3 | 20 57 | 2 1 | 20 52 | 2 7 | 18 29 | 3 56 | 10 37 | 1 51 | 22 10 | 0 11 | 10 51 | 2 26 | 15 13 | 0 24 | 5 13 | 1 29 | 21 41 | 6 2 | 19 12 | 18 54 | 13 18 | 17 59 | 5 23 | S 20 |
| M21 | 19 50 | 20 23 | 2 59 | 20 27 | 2 7 | 18 37 | 3 54 | 10 47 | 1 51 | 22 11 | 0 11 | 10 52 | 2 26 | 15 13 | 0 24 | 5 13 | 1 29 | 21 41 | 6 3 | 19 11 | 18 53 | 13 19 | 17 59 | 5 24 | M21 |
| T 22 | 19 37 | 18 45 | 3 49 | 19 59 | 2 6 | 18 45 | 3 53 | 10 56 | 1 52 | 22 12 | 0 11 | 10 53 | 2 26 | 15 13 | 0 24 | 5 13 | 1 29 | 21 42 | 6 3 | 19 9 | 18 52 | 13 21 | 17 58 | 5 24 | T 22 |
| W23 | 19 23 | 16 4 | 4 29 | 19 31 | 2 5 | 18 53 | 3 51 | 11 5 | 1 52 | 22 13 | 0 11 | 10 54 | 2 26 | 15 13 | 0 24 | 5 12 | 1 29 | 21 42 | 6 3 | 19 7 | 18 51 | 13 23 | 17 58 | 5 25 | W23 |
| T 24 | 19 9 | 12 28 | 4 54 | 19 1 | 2 3 | 19 0 | 3 49 | 11 14 | 1 52 | 22 14 | 0 11 | 10 55 | 2 25 | 15 13 | 0 24 | 5 12 | 1 29 | 21 43 | 6 3 | 19 4 | 18 51 | 13 24 | 17 58 | 5 25 | T 24 |
| F 25 | 18 54 | 8 9 | 5 2 | 18 30 | 2 1 | 19 7 | 3 47 | 11 22 | 1 52 | 22 16 | 0 11 | 10 56 | 2 25 | 15 13 | 0 24 | 5 12 | 1 29 | 21 43 | 6 3 | 19 1 | 18 50 | 13 26 | 17 57 | 5 25 | F 25 |
| S 26 | 18 39 | 3 19 | 4 52 | 17 57 | 1 58 | 19 14 | 3 44 | 11 31 | 1 53 | 22 17 | 0 11 | 10 57 | 2 25 | 15 13 | 0 24 | 5 12 | 1 29 | 21 44 | 6 3 | 18 58 | 18 49 | 13 27 | 17 57 | 5 26 | S 26 |
| S 27 | 18 24 | 1n42 | 4 24 | 17 23 | 1 55 | 19 21 | 3 42 | 11 39 | 1 53 | 22 18 | 0 11 | 10 58 | 2 24 | 15 13 | 0 24 | 5 12 | 1 29 | 21 44 | 6 3 | 18 56 | 18 48 | 13 29 | 17 56 | 5 26 | S 27 |
| M28 | 18 8 | 6 40 | 3 40 | 16 48 | 1 51 | 19 27 | 3 40 | 11 48 | 1 53 | 22 19 | 0 12 | 10 59 | 2 24 | 15 13 | 0 24 | 5 12 | 1 29 | 21 45 | 6 3 | 18 55 | 18 47 | 13 31 | 17 56 | 5 27 | M28 |
| T 29 | 17 52 | 11 15 | 2 42 | 16 11 | 1 47 | 19 33 | 3 37 | 11 56 | 1 53 | 22 20 | 0 12 | 11 0 | 2 24 | 15 13 | 0 24 | 5 11 | 1 29 | 21 46 | 6 3 | 18 54 | 18 47 | 13 32 | 17 56 | 5 27 | T 29 |
| W30 | 17 36 | 15 11 | 1 34 | 15 33 | 1 42 | 19 39 | 3 34 | 12 4 | 1 53 | 22 21 | 0 12 | 11 1 | 2 24 | 15 14 | 0 24 | 5 11 | 1 30 | 21 46 | 6 3 | 18 54 | 18 46 | 13 34 | 17 55 | 5 28 | W30 |
| T 31 | 17s19 | 18n13 | 0n21 | 14s54 | 1s36 | 19s45 | 3n32 | 12s12 | 1n54 | 22n22 | 0n12 | 11n 2 | 2s23 | 15n14 | 0s24 | 5s11 | 1n30 | 21n47 | 6n 4 | 18s54 | 18s45 | 13s35 | 17s55 | 5n28 | T 31 |

Julian Day Number = 2612617.5, Delta T = 10m42s
Ecliptic obliquity = 23°22'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'22, Lahiri = 30°01'23


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## FEBRUARY 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 46 52 | 12♒24'56 | 4♊39 | 25♒57 | 25♐36 | 7♏59 | 17°R54 | 5♉26 | 12♉42 | 16°R44 | 15°R59 | 24°R42 | 24♏ 3 | 0♏44 | 29♐37 | F 1 |
| S 2 | 8 50 48 | 13°25'55 | 18°30 | 27°37 | 26°38 | 8°24 | 17♋47 | 5°29 | 12°43 | 16♎43 | 15♌58 | 24♏40 | 24° 0 | 0°51 | 29°43 | S 2 |
| S 3 | 8 54 45 | 14°26'52 | 2♋15 | 29°15 | 27°40 | 8°49 | 17°40 | 5°32 | 12°44 | 16°43 | 15°56 | 24°35 | 23°57 | 0°58 | 29°49 | S 3 |
| M 4 | 8 58 41 | 15°27'49 | 15°52 | 0♓52 | 28°43 | 9°13 | 17°34 | 5°35 | 12°44 | 16°42 | 15°55 | 24°28 | 23°54 | 1° 4 | 29°54 | M 4 |
| T 5 | 9 2 38 | 16°28'44 | 29°19 | 2°27 | 29°47 | 9°38 | 17°28 | 5°38 | 12°45 | 16°42 | 15°54 | 24°17 | 23°50 | 1°11 | 29°59 | T 5 |
| W 6 | 9 6 35 | 17°29'38 | 12♌34 | 3°59 | 0♈50 | 10° 2 | 17°22 | 5°42 | 12°46 | 16°41 | 15°52 | 24° 5 | 23°47 | 1°18 | 0♈ 6 | W 6 |
| T 7 | 9 10 31 | 18°30'32 | 25°35 | 5°28 | 1°54 | 10°26 | 17°16 | 5°45 | 12°47 | 16°40 | 15°51 | 23°51 | 23°44 | 1°24 | 0°11 | T 7 |
| F 8 | 9 14 28 | 19°31'24 | 8♍21 | 6°54 | 2°58 | 10°49 | 17°10 | 5°48 | 12°48 | 16°40 | 15°49 | 23°37 | 23°41 | 1°31 | 0°17 | F 8 |
| S 9 | 9 18 24 | 20°32'15 | 20°51 | 8°16 | 4° 3 | 11°12 | 17° 4 | 5°52 | 12°49 | 16°39 | 15°48 | 23°25 | 23°38 | 1°38 | 0°22 | S 9 |
| S 10 | 9 22 21 | 21°33'05 | 3♎ 6 | 9°33 | 5° 7 | 11°35 | 16°59 | 5°56 | 12°50 | 16°38 | 15°47 | 23°15 | 23°35 | 1°44 | 0°27 | S 10 |
| M11 | 9 26 17 | 22°33'55 | 15° 9 | 10°44 | 6°12 | 11°58 | 16°53 | 5°59 | 12°51 | 16°37 | 15°45 | 23° 8 | 23°31 | 1°51 | 0°33 | M11 |
| T 12 | 9 30 14 | 23°34'44 | 27° 2 | 11°49 | 7°17 | 12°20 | 16°48 | 6° 3 | 12°52 | 16°37 | 15°44 | 23° 4 | 23°28 | 1°57 | 0°38 | T 12 |
| W13 | 9 34 10 | 24°35'31 | 8♏50 | 12°47 | 8°23 | 12°42 | 16°43 | 6° 7 | 12°54 | 16°36 | 15°43 | 23° 2 | 23°25 | 2° 4 | 0°43 | W13 |
| T 14 | 9 38 7 | 25°36'18 | 20°38 | 13°38 | 9°29 | 13° 4 | 16°38 | 6°11 | 12°55 | 16°35 | 15°41 | 23° 1 | 23°22 | 2°11 | 0°48 | T 14 |
| F 15 | 9 42 4 | 26°37'04 | 2♐32 | 14°19 | 10°35 | 13°25 | 16°33 | 6°15 | 12°56 | 16°34 | 15°40 | 23° 1 | 23°19 | 2°17 | 0°53 | F 15 |
| S 16 | 9 46 0 | 27°37'49 | 14°37 | 14°51 | 11°41 | 13°47 | 16°29 | 6°20 | 12°57 | 16°33 | 15°38 | 23° 0 | 23°15 | 2°24 | 0°58 | S 16 |
| S 17 | 9 49 57 | 28°38'33 | 26°59 | 15°14 | 12°47 | 14° 7 | 16°24 | 6°24 | 12°59 | 16°32 | 15°37 | 22°58 | 23°12 | 2°31 | 1° 3 | S 17 |
| M18 | 9 53 53 | 29°39'16 | 9♑41 | 15°26 | 13°54 | 14°28 | 16°20 | 6°28 | 13° 0 | 16°31 | 15°36 | 22°53 | 23° 9 | 2°37 | 1° 8 | M18 |
| T 19 | 9 57 50 | 0♓39'58 | 22°48 | 15°R28 | 15° 0 | 14°47 | 16°16 | 6°33 | 13° 2 | 16°30 | 15°34 | 22°45 | 23° 6 | 2°44 | 1°12 | T 19 |
| W20 | 10 1 46 | 1°40'38 | 6♒21 | 15°18 | 16° 7 | 15° 7 | 16°12 | 6°37 | 13° 3 | 16°29 | 15°33 | 22°34 | 23° 3 | 2°51 | 1°17 | W20 |
| T 21 | 10 5 43 | 2°41'18 | 20°18 | 14°59 | 17°14 | 15°26 | 16° 9 | 6°42 | 13° 5 | 16°28 | 15°32 | 22°22 | 23° 0 | 2°57 | 1°22 | T 21 |
| F 22 | 10 9 39 | 3°41'56 | 4♓36 | 14°29 | 18°22 | 15°45 | 16° 5 | 6°47 | 13° 7 | 16°27 | 15°30 | 22°10 | 22°56 | 3° 4 | 1°26 | F 22 |
| S 23 | 10 13 36 | 4°42'32 | 19° 9 | 13°50 | 19°29 | 16° 4 | 16° 2 | 6°51 | 13° 8 | 16°26 | 15°29 | 21°59 | 22°53 | 3°11 | 1°31 | S 23 |
| S 24 | 10 17 32 | 5°43'07 | 3♈48 | 13° 3 | 20°37 | 16°22 | 15°59 | 6°56 | 13°10 | 16°25 | 15°28 | 21°49 | 22°50 | 3°17 | 1°35 | S 24 |
| M25 | 10 21 29 | 6°43'40 | 18°28 | 12° 8 | 21°44 | 16°39 | 15°56 | 7° 1 | 13°12 | 16°24 | 15°26 | 21°43 | 22°47 | 3°24 | 1°39 | M25 |
| T 26 | 10 25 26 | 7°44'12 | 3♉ 1 | 11° 8 | 22°52 | 16°56 | 15°53 | 7° 6 | 13°14 | 16°22 | 15°25 | 21°39 | 22°44 | 3°31 | 1°43 | T 26 |
| W27 | 10 29 22 | 8°44'42 | 17°22 | 10° 5 | 24° 0 | 17°13 | 15°51 | 7°11 | 13°15 | 16°21 | 15°24 | 21°D38 | 22°40 | 3°37 | 1°48 | W27 |
| T 28 | 10 33 19 | 9♓45'10 | 1♊31 | 8♓58 | 25♑ 8 | 17♏29 | 15♋49 | 7♉17 | 13♉17 | 16♎20 | 15♌23 | 21♏38 | 22♏37 | 3♏44 | 1♑52 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s 2 | 20n 9 | 0s52 | 14s14 | 1s29 | 19s50 | 3n29 | 12s20 | 1n54 | 22n23 | 0n12 | 11n 3 | 2s23 | 15n14 | 0s24 | 5s11 | 1n30 | 21n47 | 6n 4 | 18s54 | 18s44 | 13s37 | 17s54 | 5n29 |
| S 2 | 16 45 | 20 51 | 2 3 | 13 33 | 1 22 | 19 55 | 3 26 | 12 28 | 1 54 | 22 24 | 0 12 | 11 4 | 2 23 | 15 14 | 0 24 | 5 11 | 1 30 | 21 48 | 6 4 | 18 53 | 18 44 | 13 38 | 17 54 | 5 29 |
| S 3 | 16 27 | 20 17 | 3 5 | 12 52 | 1 14 | 19 59 | 3 23 | 12 36 | 1 54 | 22 25 | 0 12 | 11 6 | 2 22 | 15 14 | 0 24 | 5 10 | 1 30 | 21 48 | 6 4 | 18 52 | 18 43 | 13 40 | 17 53 | 5 30 |
| M 4 | 16 10 | 18 32 | 3 56 | 12 10 | 1 5 | 20 3 | 3 19 | 12 44 | 1 54 | 22 26 | 0 12 | 11 7 | 2 22 | 15 15 | 0 24 | 5 10 | 1 30 | 21 49 | 6 4 | 18 50 | 18 42 | 13 42 | 17 53 | 5 30 |
| T 5 | 15 52 | 15 48 | 4 33 | 11 27 | 0 56 | 20 7 | 3 16 | 12 51 | 1 55 | 22 27 | 0 12 | 11 8 | 2 22 | 15 15 | 0 24 | 5 10 | 1 30 | 21 49 | 6 4 | 18 48 | 18 41 | 13 43 | 17 52 | 5 31 |
| W 6 | 15 33 | 12 17 | 4 54 | 10 44 | 0 45 | 20 10 | 3 13 | 12 58 | 1 55 | 22 28 | 0 13 | 11 10 | 2 22 | 15 15 | 0 24 | 5 9 | 1 30 | 21 50 | 6 4 | 18 45 | 18 40 | 13 45 | 17 52 | 5 31 |
| T 7 | 15 15 | 8 15 | 5 0 | 10 1 | 0 34 | 20 13 | 3 9 | 13 6 | 1 55 | 22 29 | 0 13 | 11 11 | 2 21 | 15 16 | 0 24 | 5 9 | 1 30 | 21 50 | 6 4 | 18 41 | 18 40 | 13 46 | 17 51 | 5 32 |
| F 8 | 14 56 | 3 55 | 4 50 | 9 18 | 0 22 | 20 15 | 3 6 | 13 13 | 1 55 | 22 30 | 0 13 | 11 12 | 2 21 | 15 16 | 0 24 | 5 9 | 1 30 | 21 51 | 6 4 | 18 38 | 18 39 | 13 48 | 17 51 | 5 32 |
| S 9 | 14 37 | 0s29 | 4 27 | 8 36 | 0 9 | 20 17 | 3 2 | 13 20 | 1 55 | 22 30 | 0 13 | 11 14 | 2 21 | 15 16 | 0 24 | 5 9 | 1 30 | 21 51 | 6 4 | 18 35 | 18 38 | 13 49 | 17 50 | 5 33 |
| S 10 | 14 17 | 4 46 | 3 52 | 7 55 | 0n 4 | 20 19 | 2 58 | 13 27 | 1 55 | 22 31 | 0 13 | 11 15 | 2 21 | 15 17 | 0 24 | 5 8 | 1 30 | 21 51 | 6 4 | 18 32 | 18 37 | 13 51 | 17 50 | 5 33 |
| M11 | 13 58 | 8 49 | 3 6 | 7 14 | 0 18 | 20 20 | 2 55 | 13 33 | 1 55 | 22 32 | 0 13 | 11 17 | 2 20 | 15 17 | 0 24 | 5 8 | 1 30 | 21 52 | 6 4 | 18 31 | 18 36 | 13 52 | 17 49 | 5 34 |
| T 12 | 13 38 | 12 28 | 2 13 | 6 36 | 0 33 | 20 20 | 2 51 | 13 40 | 1 56 | 22 33 | 0 13 | 11 18 | 2 20 | 15 17 | 0 24 | 5 7 | 1 30 | 21 52 | 6 4 | 18 30 | 18 36 | 13 54 | 17 49 | 5 34 |
| W13 | 13 18 | 15 35 | 1 14 | 6 0 | 0 48 | 20 20 | 2 47 | 13 47 | 1 56 | 22 33 | 0 13 | 11 20 | 2 20 | 15 18 | 0 24 | 5 7 | 1 30 | 21 53 | 6 4 | 18 29 | 18 35 | 13 56 | 17 48 | 5 35 |
| T 14 | 12 57 | 18 4 | 0 13 | 5 26 | 1 4 | 20 20 | 2 43 | 13 53 | 1 56 | 22 34 | 0 13 | 11 21 | 2 20 | 15 18 | 0 24 | 5 7 | 1 30 | 21 53 | 6 4 | 18 29 | 18 34 | 13 57 | 17 47 | 5 35 |
| F 15 | 12 37 | 19 48 | 0n50 | 4 55 | 1 21 | 20 19 | 2 39 | 13 59 | 1 56 | 22 35 | 0 14 | 11 23 | 2 19 | 15 19 | 0 24 | 5 6 | 1 30 | 21 54 | 6 5 | 18 29 | 18 33 | 13 59 | 17 47 | 5 36 |
| S 16 | 12 16 | 20 39 | 1 52 | 4 28 | 1 37 | 20 18 | 2 35 | 14 5 | 1 56 | 22 36 | 0 14 | 11 24 | 2 19 | 15 19 | 0 24 | 5 6 | 1 30 | 21 54 | 6 5 | 18 29 | 18 33 | 14 0 | 17 46 | 5 36 |
| S 17 | 11 55 | 20 31 | 2 50 | 4 4 | 1 53 | 20 16 | 2 31 | 14 11 | 1 56 | 22 36 | 0 14 | 11 26 | 2 19 | 15 19 | 0 23 | 5 6 | 1 30 | 21 55 | 6 5 | 18 28 | 18 32 | 14 2 | 17 46 | 5 37 |
| M18 | 11 34 | 19 22 | 3 40 | 3 44 | 2 9 | 20 13 | 2 27 | 14 17 | 1 56 | 22 37 | 0 14 | 11 28 | 2 19 | 15 20 | 0 23 | 5 5 | 1 30 | 21 55 | 6 5 | 18 27 | 18 31 | 14 3 | 17 45 | 5 38 |
| T 19 | 11 13 | 17 10 | 4 21 | 3 29 | 2 25 | 20 10 | 2 23 | 14 23 | 1 56 | 22 37 | 0 14 | 11 29 | 2 18 | 15 20 | 0 23 | 5 5 | 1 31 | 21 56 | 6 5 | 18 25 | 18 30 | 14 5 | 17 44 | 5 38 |
| W20 | 10 51 | 13 58 | 4 49 | 3 19 | 2 40 | 20 7 | 2 19 | 14 29 | 1 56 | 22 38 | 0 14 | 11 31 | 2 18 | 15 21 | 0 23 | 5 4 | 1 31 | 21 56 | 6 5 | 18 22 | 18 29 | 14 6 | 17 44 | 5 39 |
| T 21 | 10 29 | 9 55 | 5 1 | 3 14 | 2 54 | 20 3 | 2 14 | 14 34 | 1 56 | 22 38 | 0 14 | 11 33 | 2 18 | 15 21 | 0 23 | 5 4 | 1 31 | 21 56 | 6 5 | 18 19 | 18 29 | 14 8 | 17 43 | 5 39 |
| F 22 | 10 8 | 5 14 | 4 54 | 3 14 | 3 6 | 19 59 | 2 10 | 14 39 | 1 56 | 22 39 | 0 14 | 11 35 | 2 18 | 15 22 | 0 23 | 5 3 | 1 31 | 21 57 | 6 5 | 18 16 | 18 28 | 14 9 | 17 42 | 5 40 |
| S 23 | 9 46 | 0 10 | 4 28 | 3 18 | 3 17 | 19 54 | 2 6 | 14 45 | 1 56 | 22 39 | 0 14 | 11 36 | 2 17 | 15 22 | 0 23 | 5 3 | 1 31 | 21 57 | 6 5 | 18 13 | 18 27 | 14 11 | 17 42 | 5 41 |
| S 24 | 9 24 | 4n57 | 3 45 | 3 28 | 3 26 | 19 48 | 2 2 | 14 50 | 1 57 | 22 40 | 0 14 | 11 38 | 2 17 | 15 23 | 0 23 | 5 2 | 1 31 | 21 58 | 6 5 | 18 11 | 18 26 | 14 12 | 17 41 | 5 41 |
| M25 | 9 1 | 9 47 | 2 46 | 3 42 | 3 34 | 19 42 | 1 57 | 14 55 | 1 57 | 22 40 | 0 14 | 11 40 | 2 17 | 15 23 | 0 23 | 5 2 | 1 31 | 21 58 | 6 5 | 18 9 | 18 25 | 14 14 | 17 40 | 5 42 |
| T 26 | 8 39 | 14 0 | 1 37 | 4 0 | 3 39 | 19 35 | 1 53 | 14 59 | 1 57 | 22 41 | 0 15 | 11 42 | 2 17 | 15 24 | 0 23 | 5 1 | 1 31 | 21 58 | 6 5 | 18 8 | 18 25 | 14 15 | 17 40 | 5 42 |
| W27 | 8 16 | 17 20 | 0 23 | 4 21 | 3 41 | 19 28 | 1 49 | 15 4 | 1 56 | 22 41 | 0 15 | 11 44 | 2 16 | 15 25 | 0 23 | 5 1 | 1 31 | 21 59 | 6 5 | 18 8 | 18 24 | 14 17 | 17 39 | 5 43 |
| T 28 | 7s54 | 19n34 | 0s52 | 4s45 | 3n42 | 19s21 | 1n44 | 15s 9 | 1n56 | 22n41 | 0n15 | 11n46 | 2s16 | 15n25 | 0s23 | 5s 0 | 1n31 | 21n59 | 6n 5 | 18s 8 | 18s23 | 14s18 | 17s38 | 5n44 |

Julian Day Number = 2612648.5, Delta T = 10m42s
Ecliptic obliquity = 23°22'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'26, Lahiri = 30°01'27


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## MARCH 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 37 15 | 10♓45'36 | 15♊25 | 7°R52 | 26♉17 | 17♏45 | 15°R47 | 7♉22 | 13♉19 | 16°R19 | 15°R21 | 21°R38 | 22♏34 | 3♏51 | 1♉56 | F 1 |
| S 2 | 10 41 12 | 11°46'00 | 29° 6 | 6♓46 | 27°25 | 18° 1 | 15♋45 | 7°27 | 13°21 | 16♎17 | 15♌20 | 21♏37 | 22°31 | 3°57 | 1°59 | S 2 |
| S 3 | 10 45 8 | 12°46'23 | 12♋34 | 5°43 | 28°34 | 18°16 | 15°43 | 7°33 | 13°23 | 16°16 | 15°19 | 21°34 | 22°28 | 4° 4 | 2° 3 | S 3 |
| M 4 | 10 49 5 | 13°46'43 | 25°49 | 4°44 | 29°42 | 18°30 | 15°41 | 7°38 | 13°25 | 16°15 | 15°18 | 21°27 | 22°25 | 4°11 | 2° 7 | M 4 |
| T 5 | 10 53 1 | 14°47'02 | 8♌53 | 3°50 | 0♒51 | 18°44 | 15°40 | 7°44 | 13°27 | 16°13 | 15°17 | 21°18 | 22°21 | 4°17 | 2°11 | T 5 |
| W 6 | 10 56 58 | 15°47'18 | 21°45 | 3° 2 | 2° 0 | 18°57 | 15°39 | 7°49 | 13°30 | 16°12 | 15°15 | 21° 8 | 22°18 | 4°24 | 2°14 | W 6 |
| T 7 | 11 0 55 | 16°47'33 | 4♍26 | 2°20 | 3° 9 | 19°10 | 15°38 | 7°55 | 13°32 | 16°11 | 15°14 | 20°56 | 22°15 | 4°31 | 2°18 | T 7 |
| F 8 | 11 4 51 | 17°47'46 | 16°55 | 1°45 | 4°18 | 19°23 | 15°37 | 8° 1 | 13°34 | 16° 9 | 15°13 | 20°44 | 22°12 | 4°37 | 2°21 | F 8 |
| S 9 | 11 8 48 | 18°47'57 | 29°13 | 1°17 | 5°28 | 19°35 | 15°37 | 8° 7 | 13°36 | 16° 8 | 15°12 | 20°33 | 22° 9 | 4°44 | 2°24 | S 9 |
| S 10 | 11 12 44 | 19°48'07 | 11♎20 | 0°56 | 6°37 | 19°46 | 15°37 | 8°13 | 13°39 | 16° 6 | 15°11 | 20°24 | 22° 6 | 4°50 | 2°27 | S 10 |
| M11 | 11 16 41 | 20°48'14 | 23°17 | 0°42 | 7°47 | 19°57 | 15°D36 | 8°18 | 13°41 | 16° 5 | 15°10 | 20°18 | 22° 2 | 4°57 | 2°31 | M11 |
| T 12 | 11 20 37 | 21°48'21 | 5♏ 8 | 0°35 | 8°56 | 20° 7 | 15°37 | 8°24 | 13°43 | 16° 4 | 15° 9 | 20°14 | 21°59 | 5° 4 | 2°34 | T 12 |
| W13 | 11 24 34 | 22°48'25 | 16°55 | 0°D35 | 10° 6 | 20°17 | 15°37 | 8°31 | 13°46 | 16° 2 | 15° 8 | 20°D13 | 21°56 | 5°10 | 2°37 | W13 |
| T 14 | 11 28 30 | 23°48'28 | 28°42 | 0°41 | 11°16 | 20°26 | 15°37 | 8°37 | 13°48 | 16° 1 | 15° 7 | 20°13 | 21°53 | 5°17 | 2°39 | T 14 |
| F 15 | 11 32 27 | 24°48'30 | 10♐35 | 0°52 | 12°26 | 20°35 | 15°38 | 8°43 | 13°51 | 15°59 | 15° 6 | 20°14 | 21°50 | 5°24 | 2°42 | F 15 |
| S 16 | 11 36 24 | 25°48'29 | 22°39 | 1°10 | 13°36 | 20°43 | 15°39 | 8°49 | 13°53 | 15°58 | 15° 5 | 20°R15 | 21°46 | 5°30 | 2°45 | S 16 |
| S 17 | 11 40 20 | 26°48'28 | 4♑58 | 1°32 | 14°46 | 20°50 | 15°40 | 8°55 | 13°56 | 15°56 | 15° 4 | 20°14 | 21°43 | 5°37 | 2°47 | S 17 |
| M18 | 11 44 17 | 27°48'24 | 17°38 | 2° 0 | 15°56 | 20°56 | 15°41 | 9° 2 | 13°58 | 15°54 | 15° 3 | 20°12 | 21°40 | 5°44 | 2°50 | M18 |
| T 19 | 11 48 13 | 28°48'19 | 0♒43 | 2°32 | 17° 6 | 21° 2 | 15°43 | 9° 8 | 14° 1 | 15°53 | 15° 2 | 20° 8 | 21°37 | 5°50 | 2°52 | T 19 |
| W20 | 11 52 10 | 29°48'12 | 14°16 | 3° 9 | 18°17 | 21° 8 | 15°44 | 9°15 | 14° 4 | 15°51 | 15° 1 | 20° 2 | 21°34 | 5°57 | 2°55 | W20 |
| T 21 | 11 56 6 | 0♈48'04 | 28°18 | 3°50 | 19°27 | 21°12 | 15°46 | 9°21 | 14° 6 | 15°50 | 15° 0 | 19°55 | 21°31 | 6° 4 | 2°57 | T 21 |
| F 22 | 12 0 3 | 1°47'54 | 12♓44 | 4°34 | 20°37 | 21°16 | 15°48 | 9°28 | 14° 9 | 15°48 | 14°59 | 19°47 | 21°27 | 6°10 | 2°59 | F 22 |
| S 23 | 12 3 59 | 2°47'42 | 27°31 | 5°22 | 21°48 | 21°20 | 15°50 | 9°34 | 14°12 | 15°47 | 14°58 | 19°39 | 21°24 | 6°17 | 3° 1 | S 23 |
| S 24 | 12 7 56 | 3°47'28 | 12♈31 | 6°14 | 22°59 | 21°22 | 15°53 | 9°41 | 14°15 | 15°45 | 14°57 | 19°33 | 21°21 | 6°24 | 3° 3 | S 24 |
| M25 | 12 11 53 | 4°47'12 | 27°33 | 7° 8 | 24° 9 | 21°24 | 15°55 | 9°48 | 14°18 | 15°43 | 14°56 | 19°29 | 21°18 | 6°30 | 3° 5 | M25 |
| T 26 | 12 15 49 | 5°46'53 | 12♉29 | 8° 5 | 25°20 | 21°25 | 15°58 | 9°55 | 14°20 | 15°42 | 14°56 | 19°D27 | 21°15 | 6°37 | 3° 6 | T 26 |
| W27 | 12 19 46 | 6°46'33 | 27°13 | 9° 6 | 26°31 | 21°R26 | 16° 1 | 10° 1 | 14°23 | 15°40 | 14°55 | 19°27 | 21°12 | 6°43 | 3° 8 | W27 |
| T 28 | 12 23 42 | 7°46'11 | 11♊38 | 10° 8 | 27°42 | 21°25 | 16° 4 | 10° 8 | 14°26 | 15°38 | 14°54 | 19°28 | 21° 8 | 6°50 | 3° 9 | T 28 |
| F 29 | 12 27 39 | 8°45'46 | 25°42 | 11°14 | 28°53 | 21°24 | 16° 7 | 10°15 | 14°29 | 15°37 | 14°53 | 19°30 | 21° 5 | 6°57 | 3°11 | F 29 |
| S 30 | 12 31 35 | 9°45'19 | 9♋26 | 12°21 | 0♓ 3 | 21°23 | 16°11 | 10°22 | 14°32 | 15°35 | 14°53 | 19°R30 | 21° 2 | 7° 3 | 3°12 | S 30 |
| S 31 | 12 35 32 | 10♈44'50 | 22♋50 | 13♓31 | 1♓15 | 21♏20 | 16♋15 | 10♉29 | 14♉35 | 15♎34 | 14♌52 | 19♏30 | 20♏59 | 7♏10 | 3♉13 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 7s31 | 20n33 | 2s 3 | 5s12 | 3n40 | 19s12 | 1n40 | 15s13 | 1n56 | 22n42 | 0n15 | 11n48 | 2s16 | 15n26 | 0s23 | 5s 0 | 1n31 | 22n 0 | 6n 5 | 18s 8 | 18s22 | 14s20 | 17s38 | 5n44 | F 1 |
| S 2 | 7 8 | 20 17 | 3 5 | 5 39 | 3 36 | 19 4 | 1 36 | 15 17 | 1 56 | 22 42 | 0 15 | 11 49 | 2 16 | 15 26 | 0 23 | 4 59 | 1 31 | 22 0 | 6 5 | 18 7 | 18 21 | 14 21 | 17 37 | 5 45 | S 2 |
| S 3 | 6 45 | 18 52 | 3 56 | 6 8 | 3 30 | 18 55 | 1 31 | 15 22 | 1 56 | 22 42 | 0 15 | 11 51 | 2 16 | 15 27 | 0 23 | 4 59 | 1 31 | 22 0 | 6 5 | 18 7 | 18 20 | 14 22 | 17 36 | 5 46 | S 3 |
| M 4 | 6 22 | 16 27 | 4 33 | 6 36 | 3 22 | 18 45 | 1 27 | 15 26 | 1 56 | 22 43 | 0 15 | 11 53 | 2 15 | 15 28 | 0 23 | 4 58 | 1 31 | 22 1 | 6 5 | 18 5 | 18 20 | 14 24 | 17 36 | 5 46 | M 4 |
| T 5 | 5 59 | 13 14 | 4 56 | 7 5 | 3 13 | 18 35 | 1 22 | 15 30 | 1 56 | 22 43 | 0 15 | 11 55 | 2 15 | 15 28 | 0 23 | 4 58 | 1 31 | 22 1 | 6 5 | 18 3 | 18 19 | 14 25 | 17 35 | 5 47 | T 5 |
| W 6 | 5 35 | 9 26 | 5 3 | 7 32 | 3 2 | 18 24 | 1 18 | 15 33 | 1 56 | 22 43 | 0 15 | 11 57 | 2 15 | 15 29 | 0 23 | 4 57 | 1 31 | 22 1 | 6 5 | 18 0 | 18 18 | 14 27 | 17 34 | 5 48 | W 6 |
| T 7 | 5 12 | 5 17 | 4 55 | 7 58 | 2 51 | 18 12 | 1 14 | 15 37 | 1 56 | 22 43 | 0 15 | 11 59 | 2 15 | 15 30 | 0 23 | 4 57 | 1 31 | 22 2 | 6 5 | 17 57 | 18 17 | 14 28 | 17 33 | 5 48 | T 7 |
| F 8 | 4 49 | 0 58 | 4 32 | 8 22 | 2 38 | 18 1 | 1 9 | 15 40 | 1 56 | 22 43 | 0 15 | 12 1 | 2 14 | 15 30 | 0 23 | 4 56 | 1 31 | 22 2 | 6 5 | 17 53 | 18 16 | 14 30 | 17 33 | 5 49 | F 8 |
| S 9 | 4 25 | 3s19 | 3 58 | 8 44 | 2 25 | 17 48 | 1 5 | 15 44 | 1 56 | 22 43 | 0 15 | 12 3 | 2 14 | 15 31 | 0 23 | 4 56 | 1 31 | 22 2 | 6 5 | 17 51 | 18 16 | 14 31 | 17 32 | 5 50 | S 9 |
| S 10 | 4 2 | 7 25 | 3 12 | 9 4 | 2 11 | 17 36 | 1 1 | 15 47 | 1 55 | 22 44 | 0 15 | 12 5 | 2 14 | 15 32 | 0 23 | 4 55 | 1 31 | 22 3 | 6 5 | 17 48 | 18 15 | 14 33 | 17 31 | 5 50 | S 10 |
| M11 | 3 38 | 11 11 | 2 19 | 9 22 | 1 57 | 17 22 | 0 56 | 15 50 | 1 55 | 22 44 | 0 16 | 12 8 | 2 14 | 15 33 | 0 23 | 4 54 | 1 31 | 22 3 | 6 5 | 17 47 | 18 14 | 14 34 | 17 31 | 5 51 | M11 |
| T 12 | 3 15 | 14 27 | 1 20 | 9 38 | 1 43 | 17 8 | 0 52 | 15 53 | 1 55 | 22 44 | 0 16 | 12 10 | 2 14 | 15 33 | 0 23 | 4 54 | 1 31 | 22 3 | 6 5 | 17 46 | 18 13 | 14 36 | 17 30 | 5 52 | T 12 |
| W13 | 2 51 | 17 8 | 0 18 | 9 51 | 1 29 | 16 54 | 0 48 | 15 56 | 1 55 | 22 44 | 0 16 | 12 12 | 2 14 | 15 34 | 0 23 | 4 53 | 1 31 | 22 4 | 6 5 | 17 45 | 18 12 | 14 37 | 17 29 | 5 52 | W13 |
| T 14 | 2 27 | 19 5 | 0n46 | 10 3 | 1 15 | 16 39 | 0 44 | 15 59 | 1 54 | 22 44 | 0 16 | 12 14 | 2 13 | 15 35 | 0 23 | 4 53 | 1 31 | 22 4 | 6 5 | 17 45 | 18 12 | 14 38 | 17 28 | 5 53 | T 14 |
| F 15 | 2 3 | 20 12 | 1 47 | 10 11 | 1 1 | 16 24 | 0 39 | 16 1 | 1 54 | 22 44 | 0 16 | 12 16 | 2 13 | 15 36 | 0 23 | 4 52 | 1 31 | 22 4 | 6 5 | 17 46 | 18 11 | 14 40 | 17 28 | 5 54 | F 15 |
| S 16 | 1 40 | 20 25 | 2 45 | 10 18 | 0 47 | 16 8 | 0 35 | 16 3 | 1 54 | 22 44 | 0 16 | 12 18 | 2 13 | 15 36 | 0 23 | 4 51 | 1 31 | 22 4 | 6 5 | 17 46 | 18 10 | 14 41 | 17 27 | 5 54 | S 16 |
| S 17 | 1 16 | 19 40 | 3 37 | 10 22 | 0 34 | 15 52 | 0 31 | 16 6 | 1 53 | 22 44 | 0 16 | 12 20 | 2 13 | 15 37 | 0 23 | 4 51 | 1 31 | 22 5 | 6 5 | 17 46 | 18 9 | 14 43 | 17 26 | 5 55 | S 17 |
| M18 | 0 52 | 17 56 | 4 20 | 10 24 | 0 21 | 15 35 | 0 27 | 16 8 | 1 53 | 22 44 | 0 16 | 12 23 | 2 13 | 15 38 | 0 23 | 4 50 | 1 31 | 22 5 | 6 4 | 17 45 | 18 8 | 14 44 | 17 25 | 5 56 | M18 |
| T 19 | 0 28 | 15 13 | 4 50 | 10 25 | 0 9 | 15 18 | 0 23 | 16 10 | 1 53 | 22 44 | 0 16 | 12 25 | 2 12 | 15 39 | 0 23 | 4 50 | 1 31 | 22 5 | 6 4 | 17 44 | 18 7 | 14 46 | 17 25 | 5 56 | T 19 |
| W20 | 0 5 | 11 37 | 5 6 | 10 23 | 0s 3 | 15 1 | 0 19 | 16 12 | 1 52 | 22 43 | 0 16 | 12 27 | 2 12 | 15 40 | 0 23 | 4 49 | 1 32 | 22 5 | 6 4 | 17 42 | 18 7 | 14 47 | 17 24 | 5 57 | W20 |
| T 21 | 0n19 | 7 16 | 5 4 | 10 19 | 0 15 | 14 43 | 0 15 | 16 13 | 1 52 | 22 43 | 0 16 | 12 29 | 2 12 | 15 40 | 0 23 | 4 48 | 1 32 | 22 6 | 6 4 | 17 40 | 18 6 | 14 48 | 17 23 | 5 58 | T 21 |
| F 22 | 0 43 | 2 23 | 4 44 | 10 13 | 0 26 | 14 24 | 0 11 | 16 15 | 1 51 | 22 43 | 0 16 | 12 31 | 2 12 | 15 41 | 0 23 | 4 48 | 1 32 | 22 6 | 6 4 | 17 38 | 18 5 | 14 50 | 17 22 | 5 59 | F 22 |
| S 23 | 1 7 | 2n45 | 4 4 | 10 6 | 0 37 | 14 6 | 0 7 | 16 16 | 1 51 | 22 43 | 0 16 | 12 34 | 2 12 | 15 42 | 0 23 | 4 47 | 1 32 | 22 6 | 6 4 | 17 36 | 18 4 | 14 51 | 17 22 | 5 59 | S 23 |
| S 24 | 1 30 | 7 47 | 3 6 | 9 56 | 0 47 | 13 46 | 0 3 | 16 17 | 1 50 | 22 43 | 0 16 | 12 36 | 2 12 | 15 43 | 0 23 | 4 46 | 1 32 | 22 6 | 6 4 | 17 35 | 18 3 | 14 53 | 17 21 | 6 0 | S 24 |
| M25 | 1 54 | 12 23 | 1 56 | 9 45 | 0 57 | 13 27 | 0s 1 | 16 18 | 1 50 | 22 42 | 0 17 | 12 38 | 2 11 | 15 44 | 0 23 | 4 46 | 1 32 | 22 7 | 6 4 | 17 34 | 18 2 | 14 54 | 17 20 | 6 1 | M25 |
| T 26 | 2 17 | 16 9 | 0 38 | 9 32 | 1 6 | 13 7 | 0 4 | 16 19 | 1 49 | 22 42 | 0 17 | 12 40 | 2 11 | 15 45 | 0 23 | 4 45 | 1 32 | 22 7 | 6 4 | 17 33 | 18 2 | 14 55 | 17 19 | 6 1 | T 26 |
| W27 | 2 41 | 18 48 | 0s42 | 9 18 | 1 15 | 12 46 | 0 8 | 16 20 | 1 48 | 22 42 | 0 17 | 12 43 | 2 11 | 15 45 | 0 23 | 4 45 | 1 32 | 22 7 | 6 4 | 17 33 | 18 1 | 14 57 | 17 18 | 6 2 | W27 |
| T 28 | 3 5 | 20 11 | 1 58 | 9 2 | 1 23 | 12 26 | 0 12 | 16 21 | 1 48 | 22 42 | 0 17 | 12 45 | 2 11 | 15 46 | 0 23 | 4 44 | 1 32 | 22 7 | 6 4 | 17 33 | 18 0 | 14 58 | 17 18 | 6 3 | T 28 |
| F 29 | 3 28 | 20 15 | 3 4 | 8 44 | 1 31 | 12 5 | 0 15 | 16 21 | 1 47 | 22 41 | 0 17 | 12 47 | 2 11 | 15 47 | 0 23 | 4 43 | 1 32 | 22 7 | 6 4 | 17 34 | 17 59 | 14 59 | 17 17 | 6 4 | F 29 |
| S 30 | 3 51 | 19 5 | 3 58 | 8 25 | 1 38 | 11 43 | 0 19 | 16 21 | 1 46 | 22 41 | 0 17 | 12 49 | 2 11 | 15 48 | 0 23 | 4 43 | 1 32 | 22 7 | 6 4 | 17 34 | 17 58 | 15 1 | 17 16 | 6 4 | S 30 |
| S 31 | 4n15 | 16n53 | 4s38 | 8s 5 | 1s45 | 11s21 | 0s22 | 16s21 | 1n45 | 22n40 | 0n17 | 12n52 | 2s11 | 15n49 | 0s23 | 4s42 | 1n32 | 22n 8 | 6n 4 | 17s34 | 17s57 | 15s 2 | 17s15 | 6n 5 | S 31 |

Julian Day Number = 2612676.5, Delta T = 10m42s
Ecliptic obliquity = 23°22'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'30, Lahiri = 30°01'31


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## APRIL 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 39 28 | 11♈44'18 | 5♌55 | 14♓43 | 2♓26 | 21°R17 | 16♋18 | 10♉36 | 14♉38 | 15°R32 | 14°R51 | 19°R27 | 20♏56 | 7♏17 | 3♐15 | M 1 |
| T 2 | 12 43 25 | 12°43'44 | 18°44 | 15°57 | 3°37 | 21♏13 | 16°22 | 10°43 | 14°41 | 15♎30 | 14♌51 | 19♏23 | 20°52 | 7°23 | 3°16 | T 2 |
| W 3 | 12 47 21 | 13°43'08 | 1♍20 | 17°13 | 4°48 | 21° 8 | 16°27 | 10°50 | 14°44 | 15°29 | 14°50 | 19°18 | 20°49 | 7°30 | 3°17 | W 3 |
| T 4 | 12 51 18 | 14°42'30 | 13°43 | 18°31 | 5°59 | 21° 3 | 16°31 | 10°57 | 14°47 | 15°27 | 14°49 | 19°11 | 20°46 | 7°37 | 3°17 | T 4 |
| F 5 | 12 55 15 | 15°41'49 | 25°57 | 19°51 | 7°10 | 20°56 | 16°36 | 11° 5 | 14°50 | 15°25 | 14°49 | 19° 5 | 20°43 | 7°43 | 3°18 | F 5 |
| S 6 | 12 59 11 | 16°41'06 | 8♎ 1 | 21°12 | 8°22 | 20°49 | 16°40 | 11°12 | 14°54 | 15°24 | 14°48 | 19° 0 | 20°40 | 7°50 | 3°19 | S 6 |
| S 7 | 13 3 8 | 17°40'22 | 19°58 | 22°35 | 9°33 | 20°41 | 16°45 | 11°19 | 14°57 | 15°22 | 14°48 | 18°55 | 20°37 | 7°57 | 3°19 | S 7 |
| M 8 | 13 7 4 | 18°39'35 | 1♏50 | 24° 0 | 10°44 | 20°33 | 16°50 | 11°26 | 15° 0 | 15°20 | 14°47 | 18°52 | 20°33 | 8° 3 | 3°20 | M 8 |
| T 9 | 13 11 1 | 19°38'46 | 13°38 | 25°26 | 11°56 | 20°23 | 16°55 | 11°34 | 15° 3 | 15°19 | 14°47 | 18°D51 | 20°30 | 8°10 | 3°20 | T 9 |
| W10 | 13 14 57 | 20°37'56 | 25°25 | 26°54 | 13° 7 | 20°13 | 17° 1 | 11°41 | 15° 6 | 15°17 | 14°46 | 18°51 | 20°27 | 8°17 | 3°20 | W10 |
| T 11 | 13 18 54 | 21°37'03 | 7♐15 | 28°24 | 14°19 | 20° 2 | 17° 6 | 11°48 | 15° 9 | 15°15 | 14°46 | 18°52 | 20°24 | 8°23 | 3°21 | T 11 |
| F 12 | 13 22 50 | 22°36'09 | 19°10 | 29°55 | 15°30 | 19°51 | 17°12 | 11°56 | 15°13 | 15°14 | 14°45 | 18°54 | 20°21 | 8°30 | 3°R21 | F 12 |
| S 13 | 13 26 47 | 23°35'13 | 1♑14 | 1♈28 | 16°42 | 19°38 | 17°18 | 12° 3 | 15°16 | 15°12 | 14°45 | 18°56 | 20°17 | 8°37 | 3°21 | S 13 |
| S 14 | 13 30 44 | 24°34'15 | 13°33 | 3° 2 | 17°54 | 19°25 | 17°24 | 12°10 | 15°19 | 15°10 | 14°45 | 18°57 | 20°14 | 8°43 | 3°20 | S 14 |
| M15 | 13 34 40 | 25°33'16 | 26°11 | 4°38 | 19° 5 | 19°11 | 17°30 | 12°18 | 15°22 | 15° 9 | 14°44 | 18°R57 | 20°11 | 8°50 | 3°20 | M15 |
| T 16 | 13 38 37 | 26°32'15 | 9♒11 | 6°16 | 20°17 | 18°57 | 17°36 | 12°25 | 15°26 | 15° 7 | 14°44 | 18°57 | 20° 8 | 8°56 | 3°20 | T 16 |
| W17 | 13 42 33 | 27°31'12 | 22°37 | 7°54 | 21°29 | 18°42 | 17°43 | 12°33 | 15°29 | 15° 6 | 14°44 | 18°55 | 20° 5 | 9° 3 | 3°20 | W17 |
| T 18 | 13 46 30 | 28°30'07 | 6♓31 | 9°35 | 22°41 | 18°26 | 17°49 | 12°40 | 15°32 | 15° 4 | 14°44 | 18°53 | 20° 2 | 9°10 | 3°19 | T 18 |
| F 19 | 13 50 26 | 29°29'00 | 20°53 | 11°17 | 23°52 | 18° 9 | 17°56 | 12°48 | 15°36 | 15° 2 | 14°43 | 18°50 | 19°58 | 9°16 | 3°18 | F 19 |
| S 20 | 13 54 23 | 0♉27'52 | 5♈38 | 13° 0 | 25° 4 | 17°52 | 18° 3 | 12°55 | 15°39 | 15° 1 | 14°43 | 18°48 | 19°55 | 9°23 | 3°18 | S 20 |
| S 21 | 13 58 19 | 1°26'42 | 20°40 | 14°45 | 26°16 | 17°34 | 18°10 | 13° 3 | 15°42 | 14°59 | 14°43 | 18°46 | 19°52 | 9°30 | 3°17 | S 21 |
| M22 | 14 2 16 | 2°25'30 | 5♉51 | 16°32 | 27°28 | 17°16 | 18°17 | 13°10 | 15°46 | 14°58 | 14°43 | 18°45 | 19°49 | 9°36 | 3°16 | M22 |
| T 23 | 14 6 13 | 3°24'16 | 21° 2 | 18°20 | 28°40 | 16°57 | 18°25 | 13°18 | 15°49 | 14°56 | 14°43 | 18°D45 | 19°46 | 9°43 | 3°15 | T 23 |
| W24 | 14 10 9 | 4°23'00 | 6♊ 2 | 20°10 | 29°52 | 16°38 | 18°32 | 13°26 | 15°53 | 14°55 | 14°43 | 18°45 | 19°43 | 9°50 | 3°14 | W24 |
| T 25 | 14 14 6 | 5°21'42 | 20°45 | 22° 1 | 1♈ 4 | 16°18 | 18°40 | 13°33 | 15°56 | 14°53 | 14°43 | 18°46 | 19°39 | 9°56 | 3°13 | T 25 |
| F 26 | 14 18 2 | 6°20'22 | 5♋ 5 | 23°54 | 2°16 | 15°57 | 18°47 | 13°41 | 15°59 | 14°52 | 14°D43 | 18°47 | 19°36 | 10° 3 | 3°12 | F 26 |
| S 27 | 14 21 59 | 7°19'00 | 19° 0 | 25°49 | 3°28 | 15°37 | 18°55 | 13°48 | 16° 3 | 14°50 | 14°43 | 18°48 | 19°33 | 10°10 | 3°10 | S 27 |
| S 28 | 14 25 55 | 8°17'35 | 2♌30 | 27°45 | 4°40 | 15°16 | 19° 3 | 13°56 | 16° 6 | 14°49 | 14°43 | 18°R48 | 19°30 | 10°16 | 3° 9 | S 28 |
| M29 | 14 29 52 | 9°16'08 | 15°35 | 29°42 | 5°52 | 14°54 | 19°11 | 14° 4 | 16°10 | 14°47 | 14°43 | 18°48 | 19°27 | 10°23 | 3° 7 | M29 |
| T 30 | 14 33 48 | 10♉14'40 | 28♌20 | 1♉41 | 7♈ 4 | 14♏33 | 19♋20 | 14♉11 | 16♉13 | 14♎46 | 14♌43 | 18♏48 | 19♏23 | 10♏29 | 3♐ 6 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n38 | 13n51 | 5s 3 | 7s43 | 1s52 | 10s59 | 0s26 | 16s21 | 1n44 | 22n40 | 0n17 | 12n54 | 2s10 | 15n50 | 0s22 | 4s41 | 1n32 | 22n 8 | 6n 4 | 17s33 | 17s57 | 15s 4 | 17s15 | 6n 6 |
| T 2 | 5 1 | 10 14 | 5 11 | 7 20 | 1 58 | 10 37 | 0 29 | 16 21 | 1 43 | 22 40 | 0 17 | 12 56 | 2 10 | 15 51 | 0 22 | 4 41 | 1 32 | 22 8 | 6 4 | 17 32 | 17 56 | 15 5 | 17 14 | 6 7 |
| W 3 | 5 24 | 6 14 | 5 4 | 6 55 | 2 3 | 10 14 | 0 33 | 16 21 | 1 42 | 22 39 | 0 17 | 12 59 | 2 10 | 15 52 | 0 22 | 4 40 | 1 32 | 22 8 | 6 4 | 17 30 | 17 55 | 15 6 | 17 13 | 6 7 |
| T 4 | 5 47 | 2 1 | 4 43 | 6 30 | 2 8 | 9 51 | 0 36 | 16 20 | 1 41 | 22 39 | 0 17 | 13 1 | 2 10 | 15 53 | 0 22 | 4 39 | 1 32 | 22 8 | 6 4 | 17 29 | 17 54 | 15 8 | 17 12 | 6 8 |
| F 5 | 6 10 | 2s13 | 4 10 | 6 2 | 2 12 | 9 28 | 0 39 | 16 20 | 1 40 | 22 38 | 0 17 | 13 3 | 2 10 | 15 54 | 0 22 | 4 39 | 1 32 | 22 8 | 6 3 | 17 27 | 17 53 | 15 9 | 17 12 | 6 9 |
| S 6 | 6 33 | 6 19 | 3 25 | 5 34 | 2 16 | 9 4 | 0 42 | 16 19 | 1 39 | 22 38 | 0 17 | 13 6 | 2 10 | 15 54 | 0 22 | 4 38 | 1 32 | 22 8 | 6 3 | 17 26 | 17 52 | 15 10 | 17 11 | 6 9 |
| S 7 | 6 55 | 10 8 | 2 32 | 5 4 | 2 20 | 8 40 | 0 45 | 16 18 | 1 38 | 22 37 | 0 17 | 13 8 | 2 10 | 15 55 | 0 22 | 4 37 | 1 32 | 22 8 | 6 3 | 17 24 | 17 52 | 15 12 | 17 10 | 6 10 |
| M 8 | 7 18 | 13 31 | 1 32 | 4 34 | 2 23 | 8 16 | 0 48 | 16 17 | 1 37 | 22 37 | 0 17 | 13 10 | 2 10 | 15 56 | 0 22 | 4 37 | 1 32 | 22 8 | 6 3 | 17 24 | 17 51 | 15 13 | 17 9 | 6 11 |
| T 9 | 7 40 | 16 21 | 0 29 | 4 2 | 2 25 | 7 51 | 0 51 | 16 16 | 1 36 | 22 36 | 0 17 | 13 12 | 2 10 | 15 57 | 0 22 | 4 36 | 1 32 | 22 8 | 6 3 | 17 23 | 17 50 | 15 14 | 17 9 | 6 12 |
| W10 | 8 2 | 18 29 | 0n36 | 3 29 | 2 27 | 7 27 | 0 54 | 16 14 | 1 35 | 22 35 | 0 17 | 13 15 | 2 9 | 15 58 | 0 22 | 4 36 | 1 32 | 22 9 | 6 3 | 17 23 | 17 49 | 15 16 | 17 8 | 6 12 |
| T 11 | 8 24 | 19 50 | 1 40 | 2 54 | 2 29 | 7 2 | 0 57 | 16 13 | 1 33 | 22 35 | 0 18 | 13 17 | 2 9 | 15 59 | 0 22 | 4 35 | 1 32 | 22 9 | 6 3 | 17 24 | 17 48 | 15 17 | 17 7 | 6 13 |
| F 12 | 8 46 | 20 18 | 2 39 | 2 19 | 2 30 | 6 37 | 0 59 | 16 11 | 1 32 | 22 34 | 0 18 | 13 19 | 2 9 | 16 0 | 0 22 | 4 34 | 1 32 | 22 9 | 6 3 | 17 24 | 17 47 | 15 18 | 17 7 | 6 14 |
| S 13 | 9 8 | 19 50 | 3 33 | 1 43 | 2 30 | 6 11 | 1 2 | 16 9 | 1 30 | 22 33 | 0 18 | 13 22 | 2 9 | 16 1 | 0 22 | 4 34 | 1 32 | 22 9 | 6 3 | 17 24 | 17 47 | 15 20 | 17 6 | 6 15 |
| S 14 | 9 30 | 18 25 | 4 18 | 1 6 | 2 30 | 5 46 | 1 5 | 16 7 | 1 29 | 22 33 | 0 18 | 13 24 | 2 9 | 16 2 | 0 22 | 4 33 | 1 32 | 22 9 | 6 3 | 17 25 | 17 46 | 15 21 | 17 5 | 6 15 |
| M15 | 9 51 | 16 6 | 4 51 | 0 27 | 2 30 | 5 20 | 1 7 | 16 5 | 1 27 | 22 32 | 0 18 | 13 26 | 2 9 | 16 3 | 0 22 | 4 32 | 1 32 | 22 9 | 6 3 | 17 25 | 17 45 | 15 22 | 17 4 | 6 16 |
| T 16 | 10 13 | 12 54 | 5 11 | 0n12 | 2 29 | 4 54 | 1 9 | 16 2 | 1 26 | 22 31 | 0 18 | 13 29 | 2 9 | 16 4 | 0 22 | 4 32 | 1 32 | 22 9 | 6 3 | 17 25 | 17 44 | 15 24 | 17 4 | 6 17 |
| W17 | 10 34 | 8 58 | 5 15 | 0 52 | 2 27 | 4 28 | 1 12 | 16 0 | 1 24 | 22 30 | 0 18 | 13 31 | 2 9 | 16 5 | 0 22 | 4 31 | 1 32 | 22 9 | 6 2 | 17 24 | 17 43 | 15 25 | 17 3 | 6 17 |
| T 18 | 10 55 | 4 26 | 5 1 | 1 33 | 2 25 | 4 2 | 1 14 | 15 57 | 1 23 | 22 30 | 0 18 | 13 33 | 2 9 | 16 6 | 0 22 | 4 31 | 1 32 | 22 9 | 6 2 | 17 24 | 17 42 | 15 26 | 17 2 | 6 18 |
| F 19 | 11 16 | 0n30 | 4 28 | 2 16 | 2 23 | 3 36 | 1 16 | 15 54 | 1 21 | 22 29 | 0 18 | 13 36 | 2 9 | 16 7 | 0 22 | 4 30 | 1 32 | 22 9 | 6 2 | 17 23 | 17 41 | 15 27 | 17 2 | 6 19 |
| S 20 | 11 36 | 5 33 | 3 37 | 2 58 | 2 20 | 3 9 | 1 18 | 15 51 | 1 19 | 22 28 | 0 18 | 13 38 | 2 9 | 16 8 | 0 22 | 4 29 | 1 32 | 22 9 | 6 2 | 17 22 | 17 41 | 15 29 | 17 1 | 6 20 |
| S 21 | 11 57 | 10 21 | 2 29 | 3 42 | 2 16 | 2 42 | 1 20 | 15 48 | 1 17 | 22 27 | 0 18 | 13 40 | 2 8 | 16 9 | 0 22 | 4 29 | 1 32 | 22 9 | 6 2 | 17 22 | 17 40 | 15 30 | 17 0 | 6 20 |
| M22 | 12 17 | 14 33 | 1 11 | 4 27 | 2 12 | 2 16 | 1 22 | 15 45 | 1 15 | 22 26 | 0 18 | 13 43 | 2 8 | 16 10 | 0 22 | 4 28 | 1 32 | 22 9 | 6 2 | 17 21 | 17 39 | 15 31 | 17 0 | 6 21 |
| T 23 | 12 37 | 17 46 | 0s13 | 5 12 | 2 8 | 1 49 | 1 24 | 15 41 | 1 13 | 22 25 | 0 18 | 13 45 | 2 8 | 16 11 | 0 22 | 4 28 | 1 32 | 22 8 | 6 2 | 17 21 | 17 38 | 15 33 | 16 59 | 6 22 |
| W24 | 12 57 | 19 43 | 1 34 | 5 58 | 2 3 | 1 22 | 1 26 | 15 38 | 1 11 | 22 24 | 0 18 | 13 47 | 2 8 | 16 12 | 0 22 | 4 27 | 1 32 | 22 8 | 6 2 | 17 22 | 17 37 | 15 34 | 16 58 | 6 22 |
| T 25 | 13 17 | 20 16 | 2 48 | 6 44 | 1 58 | 0 55 | 1 28 | 15 34 | 1 9 | 22 23 | 0 18 | 13 50 | 2 8 | 16 13 | 0 22 | 4 26 | 1 32 | 22 8 | 6 2 | 17 22 | 17 36 | 15 35 | 16 58 | 6 23 |
| F 26 | 13 36 | 19 27 | 3 50 | 7 31 | 1 52 | 0 28 | 1 29 | 15 30 | 1 7 | 22 22 | 0 18 | 13 52 | 2 8 | 16 14 | 0 22 | 4 26 | 1 32 | 22 8 | 6 2 | 17 22 | 17 35 | 15 36 | 16 57 | 6 24 |
| S 27 | 13 55 | 17 29 | 4 36 | 8 19 | 1 45 | 0 1 | 1 31 | 15 26 | 1 5 | 22 21 | 0 18 | 13 54 | 2 8 | 16 15 | 0 22 | 4 25 | 1 32 | 22 8 | 6 2 | 17 22 | 17 35 | 15 38 | 16 56 | 6 24 |
| S 28 | 14 14 | 14 36 | 5 5 | 9 7 | 1 38 | 0n26 | 1 32 | 15 22 | 1 3 | 22 20 | 0 18 | 13 57 | 2 8 | 16 16 | 0 22 | 4 25 | 1 32 | 22 8 | 6 1 | 17 22 | 17 34 | 15 39 | 16 56 | 6 25 |
| M29 | 14 33 | 11 4 | 5 17 | 9 55 | 1 31 | 0 54 | 1 34 | 15 18 | 1 0 | 22 19 | 0 18 | 13 59 | 2 8 | 16 17 | 0 22 | 4 24 | 1 32 | 22 8 | 6 1 | 17 22 | 17 33 | 15 40 | 16 55 | 6 26 |
| T 30 | 14n51 | 7n 7 | 5s13 | 10n44 | 1s23 | 1n21 | 1s35 | 15s14 | 0n58 | 22n18 | 0n19 | 14n 1 | 2s 8 | 16n18 | 0s22 | 4s24 | 1n32 | 22n 8 | 6n 1 | 17s22 | 17s32 | 15s41 | 16s54 | 6n26 |

Julian Day Number = 2612707.5, Delta T = 10m42s
Ecliptic obliquity = 23°22'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'35, Lahiri = 30°01'35


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## MAY 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 37 45 | 11♉13'08 | 10♍48 | 3♉42 | 8♈16 | 14°R11 | 19♋28 | 14♉19 | 16♉17 | 14°R44 | 14♌43 | 18°R47 | 19♏20 | 10♏36 | 3°R 4 | W 1 |
| T 2 | 14 41 42 | 12°11'35 | 23° 1 | 5°44 | 9°29 | 13♏49 | 19°36 | 14°27 | 16°20 | 14♎43 | 14°43 | 18♏46 | 19°17 | 10°43 | 3♑ 2 | T 2 |
| F 3 | 14 45 38 | 13°10'00 | 5♎ 4 | 7°48 | 10°41 | 13°26 | 19°45 | 14°34 | 16°24 | 14°41 | 14°43 | 18°45 | 19°14 | 10°49 | 3° 0 | F 3 |
| S 4 | 14 49 35 | 14° 8'23 | 16°59 | 9°53 | 11°53 | 13° 4 | 19°54 | 14°42 | 16°27 | 14°40 | 14°43 | 18°45 | 19°11 | 10°56 | 2°58 | S 4 |
| S 5 | 14 53 31 | 15° 6'43 | 28°49 | 11°59 | 13° 5 | 12°41 | 20° 3 | 14°50 | 16°30 | 14°39 | 14°44 | 18°44 | 19° 8 | 11° 3 | 2°56 | S 5 |
| M 6 | 14 57 28 | 16° 5'02 | 10♏37 | 14° 6 | 14°17 | 12°19 | 20°12 | 14°57 | 16°34 | 14°37 | 14°44 | 18°44 | 19° 4 | 11° 9 | 2°54 | M 6 |
| T 7 | 15 1 24 | 17° 3'20 | 22°25 | 16°14 | 15°29 | 11°57 | 20°21 | 15° 5 | 16°37 | 14°36 | 14°44 | 18°D44 | 19° 1 | 11°16 | 2°52 | T 7 |
| W 8 | 15 5 21 | 18° 1'35 | 4♐15 | 18°23 | 16°42 | 11°34 | 20°30 | 15°13 | 16°41 | 14°34 | 14°44 | 18°44 | 18°58 | 11°23 | 2°50 | W 8 |
| T 9 | 15 9 17 | 18°59'49 | 16°10 | 20°32 | 17°54 | 11°12 | 20°39 | 15°20 | 16°44 | 14°33 | 14°45 | 18°R44 | 18°55 | 11°29 | 2°47 | T 9 |
| F 10 | 15 13 14 | 19°58'01 | 28°12 | 22°42 | 19° 6 | 10°50 | 20°49 | 15°28 | 16°48 | 14°32 | 14°45 | 18°44 | 18°52 | 11°36 | 2°45 | F 10 |
| S 11 | 15 17 11 | 20°56'12 | 10♑23 | 24°52 | 20°19 | 10°28 | 20°58 | 15°36 | 16°51 | 14°31 | 14°46 | 18°44 | 18°49 | 11°43 | 2°42 | S 11 |
| S 12 | 15 21 7 | 21°54'21 | 22°48 | 27° 2 | 21°31 | 10° 6 | 21° 8 | 15°43 | 16°55 | 14°29 | 14°46 | 18°44 | 18°45 | 11°49 | 2°40 | S 12 |
| M13 | 15 25 4 | 22°52'29 | 5♒28 | 29°11 | 22°43 | 9°45 | 21°17 | 15°51 | 16°58 | 14°28 | 14°46 | 18°43 | 18°42 | 11°56 | 2°37 | M13 |
| T 14 | 15 29 0 | 23°50'35 | 18°27 | 1♊19 | 23°56 | 9°24 | 21°27 | 15°59 | 17° 1 | 14°27 | 14°47 | 18°D43 | 18°39 | 12° 3 | 2°34 | T 14 |
| W15 | 15 32 57 | 24°48'40 | 1♓47 | 3°26 | 25° 8 | 9° 3 | 21°37 | 16° 6 | 17° 5 | 14°26 | 14°47 | 18°43 | 18°36 | 12° 9 | 2°32 | W15 |
| T 16 | 15 36 53 | 25°46'44 | 15°32 | 5°32 | 26°20 | 8°43 | 21°47 | 16°14 | 17° 8 | 14°25 | 14°48 | 18°43 | 18°33 | 12°16 | 2°29 | T 16 |
| F 17 | 15 40 50 | 26°44'46 | 29°40 | 7°36 | 27°33 | 8°23 | 21°57 | 16°21 | 17°12 | 14°23 | 14°48 | 18°44 | 18°29 | 12°22 | 2°26 | F 17 |
| S 18 | 15 44 46 | 27°42'47 | 14♈12 | 9°39 | 28°45 | 8° 3 | 22° 7 | 16°29 | 17°15 | 14°22 | 14°49 | 18°45 | 18°26 | 12°29 | 2°23 | S 18 |
| S 19 | 15 48 43 | 28°40'46 | 29° 2 | 11°39 | 29°58 | 7°45 | 22°18 | 16°36 | 17°19 | 14°21 | 14°49 | 18°45 | 18°23 | 12°36 | 2°20 | S 19 |
| M20 | 15 52 40 | 29°38'45 | 14♉ 6 | 13°37 | 1♉10 | 7°26 | 22°28 | 16°44 | 17°22 | 14°20 | 14°50 | 18°R46 | 18°20 | 12°42 | 2°17 | M20 |
| T 21 | 15 56 36 | 0♊36'42 | 29°14 | 15°32 | 2°23 | 7° 8 | 22°39 | 16°52 | 17°25 | 14°19 | 14°51 | 18°46 | 18°17 | 12°49 | 2°13 | T 21 |
| W22 | 16 0 33 | 1°34'37 | 14♊18 | 17°24 | 3°35 | 6°51 | 22°49 | 16°59 | 17°29 | 14°18 | 14°51 | 18°45 | 18°14 | 12°56 | 2°10 | W22 |
| T 23 | 16 4 29 | 2°32'31 | 29° 9 | 19°14 | 4°48 | 6°35 | 23° 0 | 17° 7 | 17°32 | 14°17 | 14°52 | 18°44 | 18°10 | 13° 2 | 2° 7 | T 23 |
| F 24 | 16 8 26 | 3°30'24 | 13♋39 | 21° 1 | 6° 0 | 6°19 | 23°11 | 17°14 | 17°35 | 14°16 | 14°53 | 18°42 | 18° 7 | 13° 9 | 2° 3 | F 24 |
| S 25 | 16 12 22 | 4°28'14 | 27°45 | 22°45 | 7°13 | 6° 4 | 23°21 | 17°22 | 17°39 | 14°15 | 14°53 | 18°40 | 18° 4 | 13°16 | 2° 0 | S 25 |
| S 26 | 16 16 19 | 5°26'03 | 11♌23 | 24°25 | 8°25 | 5°49 | 23°32 | 17°29 | 17°42 | 14°14 | 14°54 | 18°38 | 18° 1 | 13°22 | 1°56 | S 26 |
| M27 | 16 20 15 | 6°23'51 | 24°34 | 26° 3 | 9°38 | 5°36 | 23°43 | 17°36 | 17°45 | 14°13 | 14°55 | 18°37 | 17°58 | 13°29 | 1°53 | M27 |
| T 28 | 16 24 12 | 7°21'36 | 7♍21 | 27°37 | 10°50 | 5°23 | 23°54 | 17°44 | 17°49 | 14°13 | 14°56 | 18°D37 | 17°55 | 13°36 | 1°49 | T 28 |
| W29 | 16 28 9 | 8°19'20 | 19°47 | 29° 8 | 12° 3 | 5°11 | 24° 6 | 17°51 | 17°52 | 14°12 | 14°57 | 18°37 | 17°51 | 13°42 | 1°46 | W29 |
| T 30 | 16 32 5 | 9°17'03 | 1♎57 | 0♋35 | 13°16 | 4°59 | 24°17 | 17°58 | 17°55 | 14°11 | 14°57 | 18°38 | 17°48 | 13°49 | 1°42 | T 30 |
| F 31 | 16 36 2 | 10♊14'44 | 13♎55 | 1♋59 | 14♉28 | 4♏49 | 24♋28 | 18♉ 6 | 17♉59 | 14♎10 | 14♌58 | 18♏40 | 17♏45 | 13♏56 | 1♑38 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n 9 | 2n57 | 4s54 | 11n33 | 1s15 | 1n48 | 1s36 | 15s10 | 0n56 | 22n17 | 0n19 | 14n 3 | 2s 8 | 16n19 | 0s22 | 4s23 | 1n32 | 22n 8 | 6n 1 | 17s22 | 17s31 | 15s43 | 16s54 | 6n27 |
| T 2 | 15 27 | 1s16 | 4 23 | 12 22 | 1 6 | 2 15 | 1 37 | 15 6 | 0 53 | 22 15 | 0 19 | 14 6 | 2 8 | 16 20 | 0 22 | 4 23 | 1 32 | 22 8 | 6 1 | 17 22 | 17 30 | 15 44 | 16 53 | 6 28 |
| F 3 | 15 45 | 5 22 | 3 40 | 13 11 | 0 57 | 2 43 | 1 38 | 15 1 | 0 51 | 22 14 | 0 19 | 14 8 | 2 8 | 16 21 | 0 22 | 4 22 | 1 32 | 22 7 | 6 1 | 17 22 | 17 29 | 15 45 | 16 53 | 6 28 |
| S 4 | 16 3 | 9 14 | 2 48 | 13 59 | 0 48 | 3 10 | 1 39 | 14 57 | 0 49 | 22 13 | 0 19 | 14 10 | 2 8 | 16 22 | 0 22 | 4 21 | 1 32 | 22 7 | 6 1 | 17 21 | 17 29 | 15 46 | 16 52 | 6 29 |
| S 5 | 16 20 | 12 43 | 1 49 | 14 48 | 0 38 | 3 37 | 1 40 | 14 53 | 0 46 | 22 12 | 0 19 | 14 13 | 2 8 | 16 23 | 0 22 | 4 21 | 1 32 | 22 7 | 6 1 | 17 21 | 17 28 | 15 48 | 16 51 | 6 30 |
| M 6 | 16 37 | 15 41 | 0 45 | 15 35 | 0 28 | 4 4 | 1 41 | 14 48 | 0 44 | 22 11 | 0 19 | 14 15 | 2 8 | 16 24 | 0 22 | 4 20 | 1 31 | 22 7 | 6 1 | 17 21 | 17 27 | 15 49 | 16 51 | 6 30 |
| T 7 | 16 53 | 18 0 | 0n20 | 16 22 | 0 18 | 4 31 | 1 41 | 14 44 | 0 41 | 22 9 | 0 19 | 14 17 | 2 8 | 16 25 | 0 22 | 4 20 | 1 31 | 22 7 | 6 1 | 17 21 | 17 26 | 15 50 | 16 50 | 6 31 |
| W 8 | 17 10 | 19 33 | 1 25 | 17 9 | 0 7 | 4 58 | 1 42 | 14 39 | 0 39 | 22 8 | 0 19 | 14 19 | 2 8 | 16 26 | 0 22 | 4 19 | 1 31 | 22 7 | 6 1 | 17 21 | 17 25 | 15 51 | 16 50 | 6 31 |
| T 9 | 17 26 | 20 14 | 2 27 | 17 54 | 0n 3 | 5 25 | 1 43 | 14 35 | 0 36 | 22 7 | 0 19 | 14 21 | 2 8 | 16 27 | 0 22 | 4 19 | 1 31 | 22 7 | 6 0 | 17 21 | 17 24 | 15 53 | 16 49 | 6 32 |
| F 10 | 17 41 | 20 0 | 3 22 | 18 38 | 0 14 | 5 52 | 1 43 | 14 30 | 0 33 | 22 5 | 0 19 | 14 24 | 2 8 | 16 28 | 0 22 | 4 19 | 1 31 | 22 6 | 6 0 | 17 21 | 17 23 | 15 54 | 16 49 | 6 33 |
| S 11 | 17 57 | 18 50 | 4 10 | 19 20 | 0 25 | 6 19 | 1 44 | 14 26 | 0 31 | 22 4 | 0 19 | 14 26 | 2 8 | 16 29 | 0 22 | 4 18 | 1 31 | 22 6 | 6 0 | 17 21 | 17 22 | 15 55 | 16 48 | 6 33 |
| S 12 | 18 12 | 16 45 | 4 46 | 20 1 | 0 35 | 6 46 | 1 44 | 14 22 | 0 28 | 22 2 | 0 19 | 14 28 | 2 8 | 16 30 | 0 22 | 4 18 | 1 31 | 22 6 | 6 0 | 17 21 | 17 22 | 15 56 | 16 47 | 6 34 |
| M13 | 18 27 | 13 51 | 5 9 | 20 40 | 0 45 | 7 12 | 1 44 | 14 18 | 0 26 | 22 1 | 0 19 | 14 30 | 2 8 | 16 31 | 0 22 | 4 17 | 1 31 | 22 6 | 6 0 | 17 21 | 17 21 | 15 57 | 16 47 | 6 34 |
| T 14 | 18 41 | 10 13 | 5 18 | 21 17 | 0 55 | 7 39 | 1 44 | 14 13 | 0 23 | 21 59 | 0 19 | 14 32 | 2 8 | 16 32 | 0 22 | 4 17 | 1 31 | 22 5 | 6 0 | 17 21 | 17 20 | 15 59 | 16 46 | 6 35 |
| W15 | 18 55 | 5 59 | 5 10 | 21 51 | 1 5 | 8 5 | 1 44 | 14 9 | 0 20 | 21 58 | 0 19 | 14 35 | 2 8 | 16 33 | 0 22 | 4 16 | 1 31 | 22 5 | 6 0 | 17 21 | 17 19 | 16 0 | 16 46 | 6 36 |
| T 16 | 19 9 | 1 20 | 4 44 | 22 24 | 1 15 | 8 31 | 1 44 | 14 5 | 0 18 | 21 56 | 0 19 | 14 37 | 2 8 | 16 34 | 0 22 | 4 16 | 1 31 | 22 5 | 6 0 | 17 21 | 17 18 | 16 1 | 16 45 | 6 36 |
| F 17 | 19 23 | 3n33 | 4 0 | 22 54 | 1 23 | 8 57 | 1 44 | 14 1 | 0 15 | 21 55 | 0 19 | 14 39 | 2 8 | 16 35 | 0 22 | 4 15 | 1 31 | 22 5 | 6 0 | 17 21 | 17 17 | 16 2 | 16 45 | 6 37 |
| S 18 | 19 36 | 8 21 | 3 1 | 23 21 | 1 32 | 9 23 | 1 44 | 13 58 | 0 13 | 21 53 | 0 19 | 14 41 | 2 8 | 16 35 | 0 22 | 4 15 | 1 31 | 22 5 | 6 0 | 17 21 | 17 16 | 16 3 | 16 44 | 6 37 |
| S 19 | 19 49 | 12 47 | 1 47 | 23 46 | 1 40 | 9 49 | 1 44 | 13 54 | 0 10 | 21 52 | 0 19 | 14 43 | 2 8 | 16 36 | 0 22 | 4 15 | 1 31 | 22 4 | 6 0 | 17 22 | 17 15 | 16 5 | 16 44 | 6 38 |
| M20 | 20 2 | 16 27 | 0 26 | 24 9 | 1 47 | 10 14 | 1 44 | 13 51 | 0 7 | 21 50 | 0 20 | 14 45 | 2 8 | 16 37 | 0 22 | 4 14 | 1 31 | 22 4 | 5 59 | 17 22 | 17 15 | 16 6 | 16 44 | 6 38 |
| T 21 | 20 14 | 19 0 | 0s58 | 24 28 | 1 53 | 10 39 | 1 43 | 13 47 | 0 5 | 21 48 | 0 20 | 14 47 | 2 8 | 16 38 | 0 22 | 4 14 | 1 31 | 22 4 | 5 59 | 17 22 | 17 14 | 16 7 | 16 43 | 6 39 |
| W22 | 20 26 | 20 11 | 2 17 | 24 46 | 1 59 | 11 4 | 1 43 | 13 44 | 0 2 | 21 47 | 0 20 | 14 49 | 2 8 | 16 39 | 0 22 | 4 14 | 1 31 | 22 3 | 5 59 | 17 21 | 17 13 | 16 8 | 16 43 | 6 39 |
| T 23 | 20 37 | 19 57 | 3 26 | 25 0 | 2 4 | 11 29 | 1 42 | 13 41 | 0s 0 | 21 45 | 0 20 | 14 51 | 2 8 | 16 40 | 0 22 | 4 13 | 1 31 | 22 3 | 5 59 | 17 21 | 17 12 | 16 9 | 16 42 | 6 40 |
| F 24 | 20 48 | 18 23 | 4 20 | 25 12 | 2 8 | 11 53 | 1 42 | 13 38 | 0 3 | 21 43 | 0 20 | 14 54 | 2 8 | 16 41 | 0 22 | 4 13 | 1 31 | 22 3 | 5 59 | 17 21 | 17 11 | 16 10 | 16 42 | 6 40 |
| S 25 | 20 59 | 15 44 | 4 56 | 25 22 | 2 12 | 12 18 | 1 41 | 13 36 | 0 5 | 21 41 | 0 20 | 14 56 | 2 8 | 16 42 | 0 22 | 4 13 | 1 31 | 22 3 | 5 59 | 17 20 | 17 10 | 16 12 | 16 41 | 6 41 |
| S 26 | 21 9 | 12 17 | 5 14 | 25 30 | 2 14 | 12 42 | 1 40 | 13 33 | 0 8 | 21 40 | 0 20 | 14 58 | 2 8 | 16 43 | 0 22 | 4 12 | 1 31 | 22 2 | 5 59 | 17 20 | 17 9 | 16 13 | 16 41 | 6 41 |
| M27 | 21 19 | 8 21 | 5 15 | 25 35 | 2 16 | 13 5 | 1 39 | 13 31 | 0 10 | 21 38 | 0 20 | 15 0 | 2 8 | 16 44 | 0 22 | 4 12 | 1 31 | 22 2 | 5 59 | 17 19 | 17 8 | 16 14 | 16 41 | 6 41 |
| T 28 | 21 29 | 4 9 | 5 0 | 25 38 | 2 17 | 13 29 | 1 38 | 13 29 | 0 13 | 21 36 | 0 20 | 15 2 | 2 8 | 16 45 | 0 22 | 4 12 | 1 31 | 22 2 | 5 59 | 17 19 | 17 8 | 16 15 | 16 40 | 6 42 |
| W29 | 21 38 | 0s 7 | 4 31 | 25 39 | 2 17 | 13 52 | 1 38 | 13 27 | 0 15 | 21 34 | 0 20 | 15 4 | 2 8 | 16 46 | 0 22 | 4 11 | 1 31 | 22 1 | 5 59 | 17 19 | 17 7 | 16 16 | 16 40 | 6 42 |
| T 30 | 21 47 | 4 18 | 3 51 | 25 39 | 2 16 | 14 15 | 1 37 | 13 26 | 0 17 | 21 32 | 0 20 | 15 6 | 2 8 | 16 47 | 0 22 | 4 11 | 1 31 | 22 1 | 5 59 | 17 20 | 17 6 | 16 17 | 16 39 | 6 43 |
| F 31 | 21n56 | 8s15 | 3s 1 | 25n36 | 2n14 | 14n37 | 1s35 | 13s24 | 0s20 | 21n30 | 0n20 | 15n 8 | 2s 8 | 16n48 | 0s22 | 4s11 | 1n31 | 22n 1 | 5n59 | 17s20 | 17s 5 | 16s18 | 16s39 | 6n43 |

Julian Day Number = 2612737.5, Delta T = 10m43s
Ecliptic obliquity = 23°22'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'39, Lahiri = 30°01'39


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## JUNE 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 39 58 | 11♊12'23 | 25♎46 | 3♋20 | 15♉41 | 4°R39 | 24♋39 | 18♉13 | 18♉ 2 | 14°R 9 | 14♌59 | 18♏41 | 17♏42 | 14♏ 2 | 1°R34 | S 1 |
| S 2 | 16 43 55 | 12°10'01 | 7♏33 | 4°37 | 16°53 | 4♏30 | 24°51 | 18°20 | 18° 5 | 14♎ 9 | 15° 0 | 18°43 | 17°39 | 14° 9 | 1♑31 | S 2 |
| M 3 | 16 47 51 | 13° 7'38 | 19°21 | 5°50 | 18° 6 | 4°22 | 25° 2 | 18°28 | 18° 8 | 14° 8 | 15° 1 | 18°R43 | 17°35 | 14°15 | 1°27 | M 3 |
| T 4 | 16 51 48 | 14° 5'13 | 1♐12 | 7° 0 | 19°19 | 4°14 | 25°14 | 18°35 | 18°12 | 14° 7 | 15° 2 | 18°42 | 17°32 | 14°22 | 1°23 | T 4 |
| W 5 | 16 55 44 | 15° 2'48 | 13° 8 | 8° 7 | 20°31 | 4° 8 | 25°26 | 18°42 | 18°15 | 14° 7 | 15° 3 | 18°40 | 17°29 | 14°29 | 1°19 | W 5 |
| T 6 | 16 59 41 | 16° 0'21 | 25°13 | 9° 9 | 21°44 | 4° 2 | 25°37 | 18°49 | 18°18 | 14° 6 | 15° 4 | 18°37 | 17°26 | 14°35 | 1°15 | T 6 |
| F 7 | 17 3 38 | 16°57'53 | 7♑27 | 10° 8 | 22°57 | 3°57 | 25°49 | 18°56 | 18°21 | 14° 6 | 15° 5 | 18°33 | 17°23 | 14°42 | 1°11 | F 7 |
| S 8 | 17 7 34 | 17°55'24 | 19°51 | 11° 3 | 24° 9 | 3°53 | 26° 1 | 19° 3 | 18°24 | 14° 5 | 15° 6 | 18°28 | 17°20 | 14°49 | 1° 7 | S 8 |
| S 9 | 17 11 31 | 18°52'54 | 2♒29 | 11°54 | 25°22 | 3°49 | 26°13 | 19°10 | 18°27 | 14° 5 | 15° 7 | 18°24 | 17°16 | 14°55 | 1° 3 | S 9 |
| M10 | 17 15 27 | 19°50'24 | 15°19 | 12°41 | 26°35 | 3°47 | 26°25 | 19°17 | 18°30 | 14° 4 | 15° 8 | 18°19 | 17°13 | 15° 2 | 0°59 | M10 |
| T 11 | 17 19 24 | 20°47'52 | 28°25 | 13°24 | 27°48 | 3°45 | 26°37 | 19°24 | 18°33 | 14° 4 | 15° 9 | 18°16 | 17°10 | 15° 9 | 0°55 | T 11 |
| W12 | 17 23 20 | 21°45'20 | 11♓47 | 14° 3 | 29° 0 | 3°44 | 26°49 | 19°31 | 18°36 | 14° 3 | 15°11 | 18°14 | 17° 7 | 15°15 | 0°51 | W12 |
| T 13 | 17 27 17 | 22°42'48 | 25°27 | 14°38 | 0♊13 | 3°D44 | 27° 1 | 19°38 | 18°39 | 14° 3 | 15°12 | 18°D14 | 17° 4 | 15°22 | 0°47 | T 13 |
| F 14 | 17 31 13 | 23°40'14 | 9♈24 | 15° 8 | 1°26 | 3°45 | 27°13 | 19°45 | 18°42 | 14° 3 | 15°13 | 18°15 | 17° 0 | 15°29 | 0°43 | F 14 |
| S 15 | 17 35 10 | 24°37'40 | 23°40 | 15°34 | 2°39 | 3°46 | 27°25 | 19°52 | 18°45 | 14° 2 | 15°14 | 18°16 | 16°57 | 15°35 | 0°39 | S 15 |
| S 16 | 17 39 7 | 25°35'06 | 8♉12 | 15°56 | 3°52 | 3°48 | 27°38 | 19°58 | 18°48 | 14° 2 | 15°15 | 18°17 | 16°54 | 15°42 | 0°34 | S 16 |
| M17 | 17 43 3 | 26°32'31 | 22°56 | 16°13 | 5° 4 | 3°51 | 27°50 | 20° 5 | 18°51 | 14° 2 | 15°17 | 18°R17 | 16°51 | 15°48 | 0°30 | M17 |
| T 18 | 17 47 0 | 27°29'55 | 7♊48 | 16°25 | 6°17 | 3°55 | 28° 2 | 20°12 | 18°54 | 14° 1 | 15°18 | 18°16 | 16°48 | 15°55 | 0°26 | T 18 |
| W19 | 17 50 56 | 28°27'19 | 22°40 | 16°33 | 7°30 | 3°59 | 28°15 | 20°18 | 18°57 | 14° 1 | 15°19 | 18°13 | 16°45 | 16° 2 | 0°22 | W19 |
| T 20 | 17 54 53 | 29°24'42 | 7♋23 | 16°R36 | 8°43 | 4° 5 | 28°27 | 20°25 | 19° 0 | 14° 1 | 15°20 | 18° 8 | 16°41 | 16° 8 | 0°18 | T 20 |
| F 21 | 17 58 49 | 0♋22'05 | 21°52 | 16°35 | 9°56 | 4°11 | 28°40 | 20°31 | 19° 3 | 14° 1 | 15°22 | 18° 2 | 16°38 | 16°15 | 0°13 | F 21 |
| S 22 | 18 2 46 | 1°19'26 | 5♌59 | 16°29 | 11° 9 | 4°17 | 28°52 | 20°38 | 19° 5 | 14° 1 | 15°23 | 17°55 | 16°35 | 16°22 | 0° 9 | S 22 |
| S 23 | 18 6 42 | 2°16'47 | 19°40 | 16°19 | 12°22 | 4°25 | 29° 5 | 20°44 | 19° 8 | 14° 1 | 15°24 | 17°49 | 16°32 | 16°28 | 0° 5 | S 23 |
| M24 | 18 10 39 | 3°14'07 | 2♍56 | 16° 5 | 13°35 | 4°33 | 29°18 | 20°51 | 19°11 | 14° 1 | 15°26 | 17°43 | 16°29 | 16°35 | 0° 1 | M24 |
| T 25 | 18 14 36 | 4°11'26 | 15°46 | 15°47 | 14°48 | 4°42 | 29°30 | 20°57 | 19°13 | 14°D 1 | 15°27 | 17°40 | 16°26 | 16°42 | 29♐57 | T 25 |
| W26 | 18 18 32 | 5° 8'44 | 28°14 | 15°25 | 16° 1 | 4°51 | 29°43 | 21° 3 | 19°16 | 14° 1 | 15°28 | 17°38 | 16°22 | 16°48 | 29°53 | W26 |
| T 27 | 18 22 29 | 6° 6'02 | 10♎24 | 15° 0 | 17°14 | 5° 1 | 29°56 | 21° 9 | 19°19 | 14° 1 | 15°30 | 17°D38 | 16°19 | 16°55 | 29°49 | T 27 |
| F 28 | 18 26 25 | 7° 3'18 | 22°22 | 14°32 | 18°27 | 5°12 | 0♌ 9 | 21°16 | 19°21 | 14° 1 | 15°31 | 17°39 | 16°16 | 17° 2 | 29°44 | F 28 |
| S 29 | 18 30 22 | 8° 0'34 | 4♏12 | 14° 1 | 19°40 | 5°24 | 0°21 | 21°22 | 19°24 | 14° 1 | 15°33 | 17°40 | 16°13 | 17° 8 | 29°40 | S 29 |
| S 30 | 18 34 18 | 8♋57'50 | 15♏59 | 13♋29 | 20♊53 | 5♏36 | 0♌34 | 21♉28 | 19♉26 | 14♎ 1 | 15♌34 | 17°R41 | 16♏10 | 17♏15 | 29♐36 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 4 | 11s51 | 2s 3 | 25n32 | 2n12 | 14n59 | 1s34 | 13s23 | 0s22 | 21n28 | 0n20 | 15n10 | 2s 8 | 16n49 | 0s22 | 4s11 | 1n31 | 22n 0 | 5n59 | 17s21 | 17s 4 | 16s20 | 16s39 | 6n43 |
| S 2 | 22 12 | 14 58 | 1 1 | 25 26 | 2 9 | 15 21 | 1 33 | 13 22 | 0 24 | 21 26 | 0 20 | 15 11 | 2 8 | 16 49 | 0 22 | 4 10 | 1 31 | 22 0 | 5 58 | 17 21 | 17 3 | 16 21 | 16 38 | 6 44 |
| M 3 | 22 19 | 17 28 | 0n 3 | 25 19 | 2 4 | 15 43 | 1 32 | 13 22 | 0 27 | 21 24 | 0 20 | 15 13 | 2 8 | 16 50 | 0 22 | 4 10 | 1 31 | 22 0 | 5 58 | 17 21 | 17 2 | 16 22 | 16 38 | 6 44 |
| T 4 | 22 26 | 19 14 | 1 8 | 25 11 | 1 59 | 16 4 | 1 30 | 13 21 | 0 29 | 21 22 | 0 20 | 15 15 | 2 8 | 16 51 | 0 22 | 4 10 | 1 31 | 21 59 | 5 58 | 17 21 | 17 1 | 16 23 | 16 38 | 6 45 |
| W 5 | 22 33 | 20 10 | 2 10 | 25 1 | 1 53 | 16 24 | 1 29 | 13 21 | 0 31 | 21 20 | 0 20 | 15 17 | 2 8 | 16 52 | 0 22 | 4 10 | 1 31 | 21 59 | 5 58 | 17 20 | 17 0 | 16 24 | 16 38 | 6 45 |
| T 6 | 22 39 | 20 10 | 3 7 | 24 50 | 1 47 | 16 44 | 1 28 | 13 21 | 0 33 | 21 18 | 0 20 | 15 19 | 2 8 | 16 53 | 0 22 | 4 9 | 1 31 | 21 59 | 5 58 | 17 19 | 17 0 | 16 25 | 16 37 | 6 45 |
| F 7 | 22 45 | 19 14 | 3 56 | 24 38 | 1 39 | 17 4 | 1 26 | 13 21 | 0 35 | 21 16 | 0 21 | 15 21 | 2 9 | 16 54 | 0 22 | 4 9 | 1 30 | 21 58 | 5 58 | 17 18 | 16 59 | 16 26 | 16 37 | 6 46 |
| S 8 | 22 50 | 17 23 | 4 35 | 24 26 | 1 31 | 17 24 | 1 25 | 13 22 | 0 37 | 21 14 | 0 21 | 15 23 | 2 9 | 16 55 | 0 22 | 4 9 | 1 30 | 21 58 | 5 58 | 17 17 | 16 58 | 16 27 | 16 37 | 6 46 |
| S 9 | 22 55 | 14 40 | 5 1 | 24 12 | 1 21 | 17 43 | 1 23 | 13 23 | 0 39 | 21 12 | 0 21 | 15 25 | 2 9 | 16 56 | 0 22 | 4 9 | 1 30 | 21 57 | 5 58 | 17 16 | 16 57 | 16 29 | 16 36 | 6 46 |
| M10 | 23 0 | 11 13 | 5 12 | 23 58 | 1 11 | 18 1 | 1 21 | 13 24 | 0 41 | 21 9 | 0 21 | 15 26 | 2 9 | 16 56 | 0 22 | 4 9 | 1 30 | 21 57 | 5 58 | 17 14 | 16 56 | 16 30 | 16 36 | 6 46 |
| T 11 | 23 4 | 7 11 | 5 8 | 23 43 | 1 0 | 18 20 | 1 20 | 13 25 | 0 43 | 21 7 | 0 21 | 15 28 | 2 9 | 16 57 | 0 22 | 4 9 | 1 30 | 21 57 | 5 58 | 17 14 | 16 55 | 16 31 | 16 36 | 6 47 |
| W12 | 23 7 | 2 42 | 4 47 | 23 27 | 0 49 | 18 37 | 1 18 | 13 26 | 0 45 | 21 5 | 0 21 | 15 30 | 2 9 | 16 58 | 0 22 | 4 9 | 1 30 | 21 56 | 5 58 | 17 13 | 16 54 | 16 32 | 16 36 | 6 47 |
| T 13 | 23 11 | 2n 1 | 4 9 | 23 11 | 0 37 | 18 54 | 1 16 | 13 28 | 0 47 | 21 3 | 0 21 | 15 32 | 2 9 | 16 59 | 0 22 | 4 8 | 1 30 | 21 56 | 5 58 | 17 13 | 16 53 | 16 33 | 16 36 | 6 47 |
| F 14 | 23 14 | 6 44 | 3 16 | 22 55 | 0 23 | 19 11 | 1 14 | 13 30 | 0 49 | 21 0 | 0 21 | 15 33 | 2 9 | 17 0 | 0 22 | 4 8 | 1 30 | 21 55 | 5 58 | 17 13 | 16 52 | 16 34 | 16 35 | 6 47 |
| S 15 | 23 16 | 11 11 | 2 10 | 22 38 | 0 10 | 19 27 | 1 12 | 13 32 | 0 51 | 20 58 | 0 21 | 15 35 | 2 9 | 17 0 | 0 22 | 4 8 | 1 30 | 21 55 | 5 58 | 17 14 | 16 52 | 16 35 | 16 35 | 6 48 |
| S 16 | 23 18 | 15 4 | 0 55 | 22 21 | 0s 5 | 19 43 | 1 10 | 13 35 | 0 53 | 20 56 | 0 21 | 15 37 | 2 9 | 17 1 | 0 22 | 4 8 | 1 30 | 21 55 | 5 58 | 17 14 | 16 51 | 16 36 | 16 35 | 6 48 |
| M17 | 23 20 | 18 3 | 0s25 | 22 5 | 0 20 | 19 58 | 1 8 | 13 37 | 0 54 | 20 53 | 0 21 | 15 39 | 2 9 | 17 2 | 0 22 | 4 8 | 1 30 | 21 54 | 5 58 | 17 14 | 16 50 | 16 37 | 16 35 | 6 48 |
| T 18 | 23 21 | 19 50 | 1 44 | 21 48 | 0 35 | 20 13 | 1 6 | 13 40 | 0 56 | 20 51 | 0 21 | 15 40 | 2 9 | 17 3 | 0 22 | 4 8 | 1 30 | 21 54 | 5 57 | 17 14 | 16 49 | 16 38 | 16 35 | 6 48 |
| W19 | 23 22 | 20 15 | 2 56 | 21 31 | 0 51 | 20 27 | 1 4 | 13 43 | 0 58 | 20 48 | 0 21 | 15 42 | 2 10 | 17 4 | 0 22 | 4 8 | 1 30 | 21 53 | 5 57 | 17 13 | 16 48 | 16 39 | 16 35 | 6 48 |
| T 20 | 23 23 | 19 16 | 3 55 | 21 14 | 1 7 | 20 41 | 1 2 | 13 47 | 0 59 | 20 46 | 0 21 | 15 43 | 2 10 | 17 4 | 0 22 | 4 8 | 1 30 | 21 53 | 5 57 | 17 11 | 16 47 | 16 40 | 16 34 | 6 48 |
| F 21 | 23 23 | 17 2 | 4 38 | 20 58 | 1 24 | 20 54 | 1 0 | 13 50 | 1 1 | 20 44 | 0 21 | 15 45 | 2 10 | 17 5 | 0 22 | 4 8 | 1 30 | 21 52 | 5 57 | 17 10 | 16 46 | 16 41 | 16 34 | 6 49 |
| S 22 | 23 22 | 13 50 | 5 3 | 20 42 | 1 41 | 21 6 | 0 58 | 13 54 | 1 3 | 20 41 | 0 21 | 15 47 | 2 10 | 17 6 | 0 22 | 4 8 | 1 30 | 21 52 | 5 57 | 17 8 | 16 45 | 16 43 | 16 34 | 6 49 |
| S 23 | 23 22 | 9 59 | 5 9 | 20 27 | 1 57 | 21 18 | 0 56 | 13 58 | 1 4 | 20 39 | 0 21 | 15 48 | 2 10 | 17 7 | 0 22 | 4 8 | 1 30 | 21 51 | 5 57 | 17 6 | 16 44 | 16 44 | 16 34 | 6 49 |
| M24 | 23 20 | 5 45 | 4 59 | 20 12 | 2 14 | 21 29 | 0 54 | 14 2 | 1 6 | 20 36 | 0 22 | 15 50 | 2 10 | 17 7 | 0 22 | 4 8 | 1 30 | 21 51 | 5 57 | 17 4 | 16 43 | 16 45 | 16 34 | 6 49 |
| T 25 | 23 19 | 1 24 | 4 33 | 19 57 | 2 31 | 21 40 | 0 51 | 14 7 | 1 7 | 20 33 | 0 22 | 15 51 | 2 10 | 17 8 | 0 22 | 4 8 | 1 30 | 21 51 | 5 57 | 17 3 | 16 42 | 16 46 | 16 34 | 6 49 |
| W26 | 23 17 | 2s54 | 3 55 | 19 43 | 2 47 | 21 50 | 0 49 | 14 11 | 1 9 | 20 31 | 0 22 | 15 53 | 2 10 | 17 9 | 0 22 | 4 8 | 1 30 | 21 50 | 5 57 | 17 3 | 16 42 | 16 47 | 16 34 | 6 49 |
| T 27 | 23 14 | 6 59 | 3 8 | 19 30 | 3 3 | 22 0 | 0 47 | 14 16 | 1 10 | 20 28 | 0 22 | 15 54 | 2 10 | 17 10 | 0 22 | 4 8 | 1 30 | 21 50 | 5 57 | 17 3 | 16 41 | 16 48 | 16 34 | 6 49 |
| F 28 | 23 12 | 10 44 | 2 13 | 19 18 | 3 18 | 22 9 | 0 44 | 14 21 | 1 11 | 20 26 | 0 22 | 15 56 | 2 11 | 17 10 | 0 22 | 4 8 | 1 30 | 21 49 | 5 57 | 17 3 | 16 40 | 16 49 | 16 34 | 6 49 |
| S 29 | 23 8 | 14 1 | 1 12 | 19 7 | 3 33 | 22 17 | 0 42 | 14 26 | 1 13 | 20 23 | 0 22 | 15 57 | 2 11 | 17 11 | 0 22 | 4 8 | 1 30 | 21 49 | 5 57 | 17 4 | 16 39 | 16 50 | 16 34 | 6 49 |
| S 30 | 23n 5 | 16s44 | 0s 9 | 18n57 | 3s46 | 22n25 | 0s40 | 14s31 | 1s14 | 20n20 | 0n22 | 15n59 | 2s11 | 17n12 | 0s22 | 4s 8 | 1n30 | 21n48 | 5n57 | 17s 4 | 16s38 | 16s51 | 16s34 | 6n49 |

Julian Day Number = 2612768.5, Delta T = 10m43s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'43, Lahiri = 30°01'43


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## JULY 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 38 15 | 9♋55'05 | 27♏48 | 12°R54 | 22♊ 6 | 5♏49 | 0♌47 | 21♉34 | 19♉29 | 14♎ 1 | 15♌36 | 17°R40 | 16♏ 6 | 17♏21 | 29°R32 | M 1 |
| T 2 | 18 42 11 | 10°52'19 | 9♐44 | 12♋19 | 23°19 | 6° 2 | 1° 0 | 21°40 | 19°31 | 14° 2 | 15°37 | 17♏38 | 16° 3 | 17°28 | 29♐28 | T 2 |
| W 3 | 18 46 8 | 11°49'33 | 21°49 | 11°44 | 24°32 | 6°16 | 1°13 | 21°45 | 19°34 | 14° 2 | 15°39 | 17°33 | 16° 0 | 17°35 | 29°24 | W 3 |
| T 4 | 18 50 5 | 12°46'46 | 4♑ 5 | 11° 9 | 25°45 | 6°31 | 1°26 | 21°51 | 19°36 | 14° 2 | 15°40 | 17°26 | 15°57 | 17°41 | 29°20 | T 4 |
| F 5 | 18 54 1 | 13°44'00 | 16°34 | 10°35 | 26°58 | 6°46 | 1°39 | 21°57 | 19°38 | 14° 3 | 15°42 | 17°17 | 15°54 | 17°48 | 29°16 | F 5 |
| S 6 | 18 57 58 | 14°41'13 | 29°17 | 10° 2 | 28°11 | 7° 2 | 1°52 | 22° 3 | 19°41 | 14° 3 | 15°43 | 17° 8 | 15°51 | 17°55 | 29°12 | S 6 |
| S 7 | 19 1 54 | 15°38'25 | 12♒14 | 9°32 | 29°24 | 7°18 | 2° 5 | 22° 8 | 19°43 | 14° 3 | 15°45 | 16°58 | 15°47 | 18° 1 | 29° 8 | S 7 |
| M 8 | 19 5 51 | 16°35'38 | 25°23 | 9° 4 | 0♋38 | 7°35 | 2°18 | 22°14 | 19°45 | 14° 4 | 15°46 | 16°49 | 15°44 | 18° 8 | 29° 4 | M 8 |
| T 9 | 19 9 47 | 17°32'51 | 8♓44 | 8°39 | 1°51 | 7°52 | 2°31 | 22°19 | 19°48 | 14° 4 | 15°48 | 16°41 | 15°41 | 18°15 | 29° 1 | T 9 |
| W10 | 19 13 44 | 18°30'04 | 22°17 | 8°17 | 3° 4 | 8°10 | 2°45 | 22°25 | 19°50 | 14° 5 | 15°50 | 16°36 | 15°38 | 18°21 | 28°57 | W10 |
| T 11 | 19 17 40 | 19°27'17 | 6♈ 1 | 8° 0 | 4°17 | 8°28 | 2°58 | 22°30 | 19°52 | 14° 5 | 15°51 | 16°34 | 15°35 | 18°28 | 28°53 | T 11 |
| F 12 | 19 21 37 | 20°24'30 | 19°56 | 7°46 | 5°31 | 8°47 | 3°11 | 22°35 | 19°54 | 14° 6 | 15°53 | 16°D33 | 15°32 | 18°35 | 28°49 | F 12 |
| S 13 | 19 25 34 | 21°21'44 | 4♉ 2 | 7°38 | 6°44 | 9° 7 | 3°24 | 22°40 | 19°56 | 14° 6 | 15°54 | 16°33 | 15°28 | 18°41 | 28°46 | S 13 |
| S 14 | 19 29 30 | 22°18'58 | 18°17 | 7°D34 | 7°57 | 9°26 | 3°37 | 22°46 | 19°58 | 14° 7 | 15°56 | 16°R33 | 15°25 | 18°48 | 28°42 | S 14 |
| M15 | 19 33 27 | 23°16'12 | 2♊41 | 7°35 | 9°11 | 9°47 | 3°51 | 22°51 | 20° 0 | 14° 7 | 15°58 | 16°32 | 15°22 | 18°55 | 28°39 | M15 |
| T 16 | 19 37 23 | 24°13'27 | 17°10 | 7°41 | 10°24 | 10° 8 | 4° 4 | 22°56 | 20° 2 | 14° 8 | 15°59 | 16°29 | 15°19 | 19° 1 | 28°35 | T 16 |
| W17 | 19 41 20 | 25°10'42 | 1♋39 | 7°52 | 11°37 | 10°29 | 4°17 | 23° 0 | 20° 4 | 14° 9 | 16° 1 | 16°24 | 15°16 | 19° 8 | 28°32 | W17 |
| T 18 | 19 45 16 | 26° 7'58 | 16° 3 | 8° 8 | 12°51 | 10°51 | 4°31 | 23° 5 | 20° 6 | 14°10 | 16° 3 | 16°15 | 15°12 | 19°14 | 28°28 | T 18 |
| F 19 | 19 49 13 | 27° 5'13 | 0♌16 | 8°30 | 14° 4 | 11°13 | 4°44 | 23°10 | 20° 7 | 14°10 | 16° 4 | 16° 5 | 15° 9 | 19°21 | 28°25 | F 19 |
| S 20 | 19 53 10 | 28° 2'29 | 14°12 | 8°57 | 15°18 | 11°36 | 4°57 | 23°15 | 20° 9 | 14°11 | 16° 6 | 15°54 | 15° 6 | 19°28 | 28°21 | S 20 |
| S 21 | 19 57 6 | 28°59'45 | 27°47 | 9°29 | 16°31 | 11°59 | 5°10 | 23°19 | 20°11 | 14°12 | 16° 8 | 15°44 | 15° 3 | 19°34 | 28°18 | S 21 |
| M22 | 20 1 3 | 29°57'01 | 11♍ 0 | 10° 7 | 17°45 | 12°22 | 5°24 | 23°24 | 20°13 | 14°13 | 16° 9 | 15°34 | 15° 0 | 19°41 | 28°15 | M22 |
| T 23 | 20 4 59 | 0♌54'17 | 23°49 | 10°50 | 18°58 | 12°46 | 5°37 | 23°28 | 20°14 | 14°14 | 16°11 | 15°27 | 14°57 | 19°48 | 28°12 | T 23 |
| W24 | 20 8 56 | 1°51'33 | 6♎17 | 11°38 | 20°12 | 13°11 | 5°50 | 23°33 | 20°16 | 14°15 | 16°13 | 15°22 | 14°53 | 19°54 | 28° 9 | W24 |
| T 25 | 20 12 52 | 2°48'50 | 18°27 | 12°31 | 21°25 | 13°35 | 6° 4 | 23°37 | 20°17 | 14°16 | 16°15 | 15°20 | 14°50 | 20° 1 | 28° 6 | T 25 |
| F 26 | 20 16 49 | 3°46'06 | 0♏25 | 13°29 | 22°39 | 14° 0 | 6°17 | 23°41 | 20°19 | 14°17 | 16°16 | 15°D19 | 14°47 | 20° 8 | 28° 3 | F 26 |
| S 27 | 20 20 45 | 4°43'23 | 12°16 | 14°32 | 23°52 | 14°26 | 6°30 | 23°45 | 20°20 | 14°18 | 16°18 | 15°R19 | 14°44 | 20°14 | 28° 0 | S 27 |
| S 28 | 20 24 42 | 5°40'40 | 24° 4 | 15°41 | 25° 6 | 14°52 | 6°44 | 23°49 | 20°22 | 14°19 | 16°20 | 15°19 | 14°41 | 20°21 | 27°57 | S 28 |
| M29 | 20 28 38 | 6°37'57 | 5♐56 | 16°54 | 26°19 | 15°18 | 6°57 | 23°53 | 20°23 | 14°20 | 16°21 | 15°17 | 14°38 | 20°28 | 27°55 | M29 |
| T 30 | 20 32 35 | 7°35'15 | 17°55 | 18°11 | 27°33 | 15°45 | 7°11 | 23°57 | 20°24 | 14°21 | 16°23 | 15°14 | 14°34 | 20°34 | 27°52 | T 30 |
| W31 | 20 36 32 | 8♌32'33 | 0♑ 7 | 19♋34 | 28♋47 | 16♏12 | 7♌24 | 24♉ 1 | 20♉26 | 14♎22 | 16♌25 | 15♏ 8 | 14♏31 | 20♏41 | 27♐49 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 1 | 18s44 | 0n54 | 18n48 | 3s59 | 22n32 | 0s37 | 14s37 | 1s15 | 20n17 | 0n22 | 16n 0 | 2s11 | 17n12 | 0s22 | 4s 9 | 1n29 | 21n48 | 5n57 | 17s 4 | 16s37 | 16s52 | 16s34 | 6n49 |
| T 2 | 22 56 | 19 57 | 1 56 | 18 40 | 4 10 | 22 38 | 0 35 | 14 42 | 1 17 | 20 15 | 0 22 | 16 1 | 2 11 | 17 13 | 0 22 | 4 9 | 1 29 | 21 47 | 5 57 | 17 3 | 16 36 | 16 53 | 16 34 | 6 49 |
| W 3 | 22 51 | 20 15 | 2 53 | 18 33 | 4 20 | 22 44 | 0 32 | 14 48 | 1 18 | 20 12 | 0 22 | 16 3 | 2 11 | 17 14 | 0 22 | 4 9 | 1 29 | 21 47 | 5 57 | 17 2 | 16 35 | 16 54 | 16 34 | 6 49 |
| T 4 | 22 46 | 19 36 | 3 43 | 18 27 | 4 28 | 22 49 | 0 30 | 14 54 | 1 19 | 20 9 | 0 22 | 16 4 | 2 11 | 17 14 | 0 22 | 4 9 | 1 29 | 21 46 | 5 57 | 17 0 | 16 34 | 16 55 | 16 34 | 6 49 |
| F 5 | 22 40 | 18 1 | 4 23 | 18 23 | 4 36 | 22 53 | 0 27 | 15 0 | 1 20 | 20 6 | 0 22 | 16 5 | 2 11 | 17 15 | 0 22 | 4 9 | 1 29 | 21 46 | 5 57 | 16 57 | 16 33 | 16 56 | 16 34 | 6 49 |
| S 6 | 22 34 | 15 31 | 4 50 | 18 20 | 4 41 | 22 57 | 0 25 | 15 6 | 1 21 | 20 3 | 0 22 | 16 7 | 2 12 | 17 15 | 0 22 | 4 9 | 1 29 | 21 45 | 5 57 | 16 54 | 16 32 | 16 57 | 16 34 | 6 49 |
| S 7 | 22 28 | 12 13 | 5 4 | 18 18 | 4 45 | 23 0 | 0 22 | 15 13 | 1 23 | 20 1 | 0 22 | 16 8 | 2 12 | 17 16 | 0 22 | 4 10 | 1 29 | 21 45 | 5 57 | 16 52 | 16 32 | 16 58 | 16 34 | 6 49 |
| M 8 | 22 21 | 8 17 | 5 1 | 18 17 | 4 48 | 23 3 | 0 20 | 15 19 | 1 24 | 19 58 | 0 23 | 16 9 | 2 12 | 17 17 | 0 22 | 4 10 | 1 29 | 21 44 | 5 57 | 16 49 | 16 31 | 16 59 | 16 34 | 6 49 |
| T 9 | 22 14 | 3 54 | 4 43 | 18 18 | 4 49 | 23 5 | 0 17 | 15 26 | 1 25 | 19 55 | 0 23 | 16 11 | 2 12 | 17 17 | 0 22 | 4 10 | 1 29 | 21 44 | 5 57 | 16 47 | 16 30 | 17 0 | 16 34 | 6 49 |
| W10 | 22 6 | 0n45 | 4 8 | 18 20 | 4 48 | 23 6 | 0 15 | 15 33 | 1 26 | 19 52 | 0 23 | 16 12 | 2 12 | 17 18 | 0 22 | 4 10 | 1 29 | 21 43 | 5 57 | 16 46 | 16 29 | 17 1 | 16 34 | 6 49 |
| T 11 | 21 58 | 5 26 | 3 19 | 18 23 | 4 46 | 23 6 | 0 12 | 15 40 | 1 27 | 19 49 | 0 23 | 16 13 | 2 12 | 17 18 | 0 22 | 4 10 | 1 29 | 21 43 | 5 57 | 16 45 | 16 28 | 17 2 | 16 34 | 6 48 |
| F 12 | 21 50 | 9 54 | 2 17 | 18 27 | 4 43 | 23 6 | 0 10 | 15 47 | 1 28 | 19 46 | 0 23 | 16 14 | 2 13 | 17 19 | 0 22 | 4 11 | 1 29 | 21 43 | 5 57 | 16 45 | 16 27 | 17 3 | 16 34 | 6 48 |
| S 13 | 21 41 | 13 52 | 1 6 | 18 32 | 4 38 | 23 5 | 0 7 | 15 54 | 1 29 | 19 43 | 0 23 | 16 15 | 2 13 | 17 19 | 0 22 | 4 11 | 1 29 | 21 42 | 5 57 | 16 45 | 16 26 | 17 4 | 16 34 | 6 48 |
| S 14 | 21 32 | 17 5 | 0s 9 | 18 38 | 4 32 | 23 4 | 0 5 | 16 1 | 1 30 | 19 40 | 0 23 | 16 16 | 2 13 | 17 20 | 0 22 | 4 11 | 1 29 | 21 42 | 5 57 | 16 45 | 16 25 | 17 5 | 16 34 | 6 48 |
| M15 | 21 23 | 19 15 | 1 25 | 18 45 | 4 25 | 23 1 | 0 2 | 16 9 | 1 31 | 19 37 | 0 23 | 16 17 | 2 13 | 17 20 | 0 22 | 4 11 | 1 29 | 21 41 | 5 57 | 16 44 | 16 24 | 17 6 | 16 35 | 6 48 |
| T 16 | 21 13 | 20 11 | 2 35 | 18 53 | 4 17 | 22 58 | 0n 0 | 16 16 | 1 32 | 19 34 | 0 23 | 16 19 | 2 13 | 17 21 | 0 22 | 4 12 | 1 29 | 21 41 | 5 57 | 16 44 | 16 23 | 17 7 | 16 35 | 6 48 |
| W17 | 21 3 | 19 46 | 3 36 | 19 2 | 4 7 | 22 55 | 0 3 | 16 24 | 1 32 | 19 31 | 0 23 | 16 20 | 2 13 | 17 21 | 0 22 | 4 12 | 1 29 | 21 40 | 5 57 | 16 42 | 16 22 | 17 8 | 16 35 | 6 47 |
| T 18 | 20 52 | 18 5 | 4 22 | 19 11 | 3 57 | 22 51 | 0 5 | 16 31 | 1 33 | 19 28 | 0 23 | 16 21 | 2 14 | 17 22 | 0 22 | 4 12 | 1 29 | 21 40 | 5 57 | 16 40 | 16 21 | 17 9 | 16 35 | 6 47 |
| F 19 | 20 41 | 15 18 | 4 51 | 19 21 | 3 46 | 22 46 | 0 7 | 16 39 | 1 34 | 19 25 | 0 23 | 16 22 | 2 14 | 17 22 | 0 22 | 4 13 | 1 29 | 21 39 | 5 57 | 16 37 | 16 20 | 17 10 | 16 35 | 6 47 |
| S 20 | 20 30 | 11 42 | 5 2 | 19 31 | 3 35 | 22 40 | 0 10 | 16 47 | 1 35 | 19 22 | 0 23 | 16 23 | 2 14 | 17 23 | 0 22 | 4 13 | 1 29 | 21 39 | 5 57 | 16 34 | 16 20 | 17 10 | 16 35 | 6 47 |
| S 21 | 20 19 | 7 35 | 4 56 | 19 41 | 3 22 | 22 34 | 0 12 | 16 55 | 1 36 | 19 18 | 0 23 | 16 24 | 2 14 | 17 23 | 0 22 | 4 13 | 1 29 | 21 38 | 5 57 | 16 30 | 16 19 | 17 11 | 16 36 | 6 47 |
| M22 | 20 7 | 3 12 | 4 33 | 19 51 | 3 10 | 22 27 | 0 15 | 17 3 | 1 37 | 19 15 | 0 24 | 16 25 | 2 14 | 17 24 | 0 22 | 4 14 | 1 29 | 21 38 | 5 57 | 16 28 | 16 18 | 17 12 | 16 36 | 6 46 |
| T 23 | 19 54 | 1s11 | 3 58 | 20 1 | 2 56 | 22 19 | 0 17 | 17 11 | 1 37 | 19 12 | 0 24 | 16 25 | 2 14 | 17 24 | 0 22 | 4 14 | 1 29 | 21 37 | 5 57 | 16 26 | 16 17 | 17 13 | 16 36 | 6 46 |
| W24 | 19 42 | 5 25 | 3 12 | 20 10 | 2 43 | 22 11 | 0 20 | 17 19 | 1 38 | 19 9 | 0 24 | 16 26 | 2 15 | 17 25 | 0 22 | 4 15 | 1 28 | 21 37 | 5 57 | 16 24 | 16 16 | 17 14 | 16 36 | 6 46 |
| T 25 | 19 29 | 9 20 | 2 18 | 20 20 | 2 29 | 22 2 | 0 22 | 17 27 | 1 39 | 19 6 | 0 24 | 16 27 | 2 15 | 17 25 | 0 22 | 4 15 | 1 28 | 21 36 | 5 57 | 16 23 | 16 15 | 17 15 | 16 36 | 6 46 |
| F 26 | 19 16 | 12 49 | 1 18 | 20 28 | 2 14 | 21 53 | 0 24 | 17 35 | 1 39 | 19 2 | 0 24 | 16 28 | 2 15 | 17 25 | 0 22 | 4 15 | 1 28 | 21 36 | 5 57 | 16 23 | 16 14 | 17 16 | 16 37 | 6 45 |
| S 27 | 19 2 | 15 44 | 0 16 | 20 36 | 2 0 | 21 43 | 0 27 | 17 43 | 1 40 | 18 59 | 0 24 | 16 29 | 2 15 | 17 26 | 0 22 | 4 16 | 1 28 | 21 35 | 5 57 | 16 23 | 16 13 | 17 17 | 16 37 | 6 45 |
| S 28 | 18 48 | 18 0 | 0n46 | 20 43 | 1 46 | 21 32 | 0 29 | 17 52 | 1 41 | 18 56 | 0 24 | 16 30 | 2 15 | 17 26 | 0 22 | 4 16 | 1 28 | 21 35 | 5 57 | 16 23 | 16 12 | 17 18 | 16 37 | 6 45 |
| M29 | 18 34 | 19 29 | 1 47 | 20 48 | 1 31 | 21 21 | 0 31 | 18 0 | 1 42 | 18 53 | 0 24 | 16 31 | 2 16 | 17 27 | 0 22 | 4 17 | 1 28 | 21 34 | 5 57 | 16 23 | 16 11 | 17 19 | 16 37 | 6 44 |
| T 30 | 18 20 | 20 7 | 2 44 | 20 53 | 1 17 | 21 9 | 0 33 | 18 9 | 1 42 | 18 49 | 0 24 | 16 31 | 2 16 | 17 27 | 0 22 | 4 17 | 1 28 | 21 34 | 5 57 | 16 22 | 16 10 | 17 20 | 16 38 | 6 44 |
| W31 | 18n 5 | 19s49 | 3n34 | 20n56 | 1s 3 | 20n56 | 0n36 | 18s17 | 1s43 | 18n46 | 0n24 | 16n32 | 2s16 | 17n27 | 0s22 | 4s18 | 1n28 | 21n33 | 5n57 | 16s20 | 16s 9 | 17s21 | 16s38 | 6n44 |

Julian Day Number = 2612798.5, Delta T = 10m43s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'47, Lahiri = 30°01'48


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## AUGUST 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 40 28 | 9♌29'51 | 12♉34 | 21♋ 1 | 0♌ 0 | 16♏39 | 7♌37 | 24♉ 4 | 20♉27 | 14♎23 | 16♌27 | 14°R59 | 14♏28 | 20♏47 | 27°R47 | T 1 |
| F 2 | 20 44 25 | 10°27'10 | 25°19 | 22°32 | 1°14 | 17° 7 | 7°51 | 24° 8 | 20°28 | 14°24 | 16°28 | 14♏48 | 14°25 | 20°54 | 27♐44 | F 2 |
| S 3 | 20 48 21 | 11°24'29 | 8♒21 | 24° 7 | 2°28 | 17°35 | 8° 4 | 24°12 | 20°29 | 14°25 | 16°30 | 14°36 | 14°22 | 21° 1 | 27°42 | S 3 |
| S 4 | 20 52 18 | 12°21'49 | 21°39 | 25°47 | 3°42 | 18° 3 | 8°17 | 24°15 | 20°30 | 14°27 | 16°32 | 14°23 | 14°18 | 21° 7 | 27°40 | S 4 |
| M 5 | 20 56 14 | 13°19'10 | 5♓12 | 27°30 | 4°55 | 18°32 | 8°31 | 24°18 | 20°31 | 14°28 | 16°34 | 14°12 | 14°15 | 21°14 | 27°37 | M 5 |
| T 6 | 21 0 11 | 14°16'32 | 18°56 | 29°17 | 6° 9 | 19° 1 | 8°44 | 24°21 | 20°32 | 14°29 | 16°35 | 14° 3 | 14°12 | 21°21 | 27°35 | T 6 |
| W 7 | 21 4 7 | 15°13'54 | 2♈49 | 1♌ 7 | 7°23 | 19°30 | 8°57 | 24°25 | 20°33 | 14°30 | 16°37 | 13°56 | 14° 9 | 21°27 | 27°33 | W 7 |
| T 8 | 21 8 4 | 16°11'18 | 16°48 | 3° 0 | 8°37 | 20° 0 | 9°10 | 24°28 | 20°34 | 14°32 | 16°39 | 13°52 | 14° 6 | 21°34 | 27°31 | T 8 |
| F 9 | 21 12 1 | 17° 8'42 | 0♉51 | 4°55 | 9°51 | 20°29 | 9°24 | 24°31 | 20°35 | 14°33 | 16°41 | 13°50 | 14° 3 | 21°41 | 27°29 | F 9 |
| S 10 | 21 15 57 | 18° 6'08 | 14°57 | 6°53 | 11° 4 | 21° 0 | 9°37 | 24°33 | 20°36 | 14°35 | 16°43 | 13°50 | 13°59 | 21°47 | 27°28 | S 10 |
| S 11 | 21 19 54 | 19° 3'35 | 29° 5 | 8°53 | 12°18 | 21°30 | 9°50 | 24°36 | 20°37 | 14°36 | 16°44 | 13°50 | 13°56 | 21°54 | 27°26 | S 11 |
| M12 | 21 23 50 | 20° 1'04 | 13♊13 | 10°54 | 13°32 | 22° 1 | 10° 3 | 24°39 | 20°37 | 14°37 | 16°46 | 13°49 | 13°53 | 22° 1 | 27°24 | M12 |
| T 13 | 21 27 47 | 20°58'33 | 27°21 | 12°56 | 14°46 | 22°32 | 10°17 | 24°41 | 20°38 | 14°39 | 16°48 | 13°45 | 13°50 | 22° 7 | 27°23 | T 13 |
| W14 | 21 31 43 | 21°56'04 | 11♋26 | 15° 0 | 16° 0 | 23° 3 | 10°30 | 24°44 | 20°38 | 14°40 | 16°50 | 13°39 | 13°47 | 22°14 | 27°21 | W14 |
| T 15 | 21 35 40 | 22°53'36 | 25°25 | 17° 3 | 17°14 | 23°35 | 10°43 | 24°46 | 20°39 | 14°42 | 16°51 | 13°30 | 13°44 | 22°21 | 27°20 | T 15 |
| F 16 | 21 39 36 | 23°51'10 | 9♌14 | 19° 7 | 18°28 | 24° 7 | 10°56 | 24°49 | 20°40 | 14°43 | 16°53 | 13°19 | 13°40 | 22°27 | 27°19 | F 16 |
| S 17 | 21 43 33 | 24°48'44 | 22°50 | 21°11 | 19°42 | 24°39 | 11° 9 | 24°51 | 20°40 | 14°45 | 16°55 | 13° 7 | 13°37 | 22°34 | 27°17 | S 17 |
| S 18 | 21 47 30 | 25°46'19 | 6♍ 9 | 23°15 | 20°56 | 25°11 | 11°23 | 24°53 | 20°40 | 14°47 | 16°57 | 12°55 | 13°34 | 22°40 | 27°16 | S 18 |
| M19 | 21 51 26 | 26°43'55 | 19° 9 | 25°18 | 22°10 | 25°44 | 11°36 | 24°55 | 20°41 | 14°48 | 16°58 | 12°45 | 13°31 | 22°47 | 27°15 | M19 |
| T 20 | 21 55 23 | 27°41'33 | 1♎51 | 27°21 | 23°24 | 26°17 | 11°49 | 24°57 | 20°41 | 14°50 | 17° 0 | 12°36 | 13°28 | 22°54 | 27°14 | T 20 |
| W21 | 21 59 19 | 28°39'11 | 14°14 | 29°22 | 24°39 | 26°50 | 12° 2 | 24°58 | 20°41 | 14°51 | 17° 2 | 12°31 | 13°24 | 23° 0 | 27°13 | W21 |
| T 22 | 22 3 16 | 29°36'51 | 26°22 | 1♍23 | 25°53 | 27°23 | 12°15 | 25° 0 | 20°42 | 14°53 | 17° 4 | 12°28 | 13°21 | 23° 7 | 27°13 | T 22 |
| F 23 | 22 7 12 | 0♍34'31 | 8♏19 | 3°22 | 27° 7 | 27°57 | 12°28 | 25° 2 | 20°42 | 14°55 | 17° 5 | 12°D26 | 13°18 | 23°14 | 27°12 | F 23 |
| S 24 | 22 11 9 | 1°32'13 | 20° 9 | 5°21 | 28°21 | 28°31 | 12°41 | 25° 3 | 20°42 | 14°56 | 17° 7 | 12°27 | 13°15 | 23°20 | 27°11 | S 24 |
| S 25 | 22 15 5 | 2°29'55 | 1♐58 | 7°18 | 29°35 | 29° 5 | 12°54 | 25° 4 | 20°42 | 14°58 | 17° 9 | 12°R27 | 13°12 | 23°27 | 27°11 | S 25 |
| M26 | 22 19 2 | 3°27'39 | 13°50 | 9°14 | 0♍49 | 29°39 | 13° 7 | 25° 6 | 20°R42 | 15° 0 | 17°10 | 12°26 | 13° 9 | 23°34 | 27°10 | M26 |
| T 27 | 22 22 59 | 4°25'24 | 25°51 | 11° 8 | 2° 4 | 0♐14 | 13°19 | 25° 7 | 20°42 | 15° 2 | 17°12 | 12°24 | 13° 5 | 23°40 | 27°10 | T 27 |
| W28 | 22 26 55 | 5°23'09 | 8♑ 7 | 13° 1 | 3°18 | 0°48 | 13°32 | 25° 8 | 20°42 | 15° 4 | 17°14 | 12°20 | 13° 2 | 23°47 | 27°10 | W28 |
| T 29 | 22 30 52 | 6°20'56 | 20°40 | 14°53 | 4°32 | 1°23 | 13°45 | 25° 9 | 20°42 | 15° 5 | 17°16 | 12°13 | 12°59 | 23°54 | 27°10 | T 29 |
| F 30 | 22 34 48 | 7°18'44 | 3♒34 | 16°43 | 5°46 | 1°58 | 13°58 | 25° 9 | 20°41 | 15° 7 | 17°17 | 12° 4 | 12°56 | 24° 0 | 27°D10 | F 30 |
| S 31 | 22 38 45 | 8♍16'34 | 16♒51 | 18♍32 | 7♍ 1 | 2♐34 | 14♌11 | 25♉10 | 20♉41 | 15♎ 9 | 17♌19 | 11♏54 | 12♏53 | 24♏ 7 | 27♐10 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n50 | 18s34 | 4n15 | 20n57 | 0s48 | 20n43 | 0n38 | 18s25 | 1s43 | 18n43 | 0n24 | 16n33 | 2s16 | 17n28 | 0s22 | 4s18 | 1n28 | 21n33 | 5n57 | 16s17 | 16s 8 | 17s22 | 16s38 | 6n43 |
| F 2 | 17 35 | 16 22 | 4 44 | 20 56 | 0 35 | 20 29 | 0 40 | 18 34 | 1 44 | 18 39 | 0 24 | 16 33 | 2 16 | 17 28 | 0 22 | 4 19 | 1 28 | 21 32 | 5 57 | 16 14 | 16 7 | 17 22 | 16 39 | 6 43 |
| S 3 | 17 19 | 13 19 | 4 59 | 20 53 | 0 21 | 20 15 | 0 42 | 18 42 | 1 44 | 18 36 | 0 25 | 16 34 | 2 16 | 17 28 | 0 22 | 4 19 | 1 28 | 21 32 | 5 57 | 16 11 | 16 6 | 17 23 | 16 39 | 6 43 |
| S 4 | 17 3 | 9 33 | 4 58 | 20 48 | 0 8 | 20 0 | 0 44 | 18 51 | 1 45 | 18 33 | 0 25 | 16 35 | 2 17 | 17 28 | 0 22 | 4 20 | 1 28 | 21 31 | 5 58 | 16 7 | 16 6 | 17 24 | 16 39 | 6 42 |
| M 5 | 16 47 | 5 13 | 4 41 | 20 41 | 0n 4 | 19 44 | 0 46 | 18 59 | 1 46 | 18 29 | 0 25 | 16 35 | 2 17 | 17 29 | 0 22 | 4 20 | 1 28 | 21 31 | 5 58 | 16 4 | 16 5 | 17 25 | 16 40 | 6 42 |
| T 6 | 16 30 | 0 34 | 4 7 | 20 31 | 0 16 | 19 28 | 0 48 | 19 8 | 1 46 | 18 26 | 0 25 | 16 36 | 2 17 | 17 29 | 0 22 | 4 21 | 1 28 | 21 30 | 5 58 | 16 1 | 16 4 | 17 26 | 16 40 | 6 42 |
| W 7 | 16 14 | 4n10 | 3 19 | 20 19 | 0 28 | 19 11 | 0 50 | 19 16 | 1 47 | 18 23 | 0 25 | 16 36 | 2 17 | 17 29 | 0 22 | 4 21 | 1 28 | 21 30 | 5 58 | 15 59 | 16 3 | 17 27 | 16 40 | 6 41 |
| T 8 | 15 57 | 8 43 | 2 18 | 20 4 | 0 39 | 18 54 | 0 52 | 19 25 | 1 47 | 18 19 | 0 25 | 16 37 | 2 17 | 17 29 | 0 22 | 4 22 | 1 28 | 21 29 | 5 58 | 15 58 | 16 2 | 17 28 | 16 41 | 6 41 |
| F 9 | 15 39 | 12 48 | 1 8 | 19 46 | 0 49 | 18 36 | 0 54 | 19 33 | 1 48 | 18 16 | 0 25 | 16 37 | 2 18 | 17 30 | 0 22 | 4 22 | 1 28 | 21 29 | 5 58 | 15 57 | 16 1 | 17 29 | 16 41 | 6 40 |
| S 10 | 15 22 | 16 11 | 0s 6 | 19 26 | 0 58 | 18 18 | 0 55 | 19 42 | 1 48 | 18 12 | 0 25 | 16 38 | 2 18 | 17 30 | 0 22 | 4 23 | 1 28 | 21 28 | 5 58 | 15 57 | 16 0 | 17 29 | 16 41 | 6 40 |
| S 11 | 15 4 | 18 36 | 1 20 | 19 4 | 1 6 | 17 59 | 0 57 | 19 50 | 1 48 | 18 9 | 0 25 | 16 38 | 2 18 | 17 30 | 0 22 | 4 23 | 1 28 | 21 28 | 5 58 | 15 57 | 15 59 | 17 30 | 16 42 | 6 40 |
| M12 | 14 46 | 19 52 | 2 29 | 18 38 | 1 14 | 17 40 | 0 59 | 19 59 | 1 49 | 18 5 | 0 25 | 16 39 | 2 18 | 17 30 | 0 22 | 4 24 | 1 28 | 21 27 | 5 58 | 15 57 | 15 58 | 17 31 | 16 42 | 6 39 |
| T 13 | 14 28 | 19 53 | 3 29 | 18 11 | 1 21 | 17 20 | 1 1 | 20 7 | 1 49 | 18 2 | 0 25 | 16 39 | 2 19 | 17 30 | 0 22 | 4 25 | 1 28 | 21 27 | 5 58 | 15 56 | 15 57 | 17 32 | 16 42 | 6 39 |
| W14 | 14 10 | 18 39 | 4 15 | 17 41 | 1 27 | 17 0 | 1 2 | 20 16 | 1 50 | 17 58 | 0 26 | 16 40 | 2 19 | 17 30 | 0 22 | 4 25 | 1 28 | 21 26 | 5 58 | 15 54 | 15 56 | 17 33 | 16 43 | 6 38 |
| T 15 | 13 51 | 16 18 | 4 46 | 17 9 | 1 32 | 16 39 | 1 4 | 20 24 | 1 50 | 17 55 | 0 26 | 16 40 | 2 19 | 17 31 | 0 22 | 4 26 | 1 28 | 21 26 | 5 58 | 15 51 | 15 55 | 17 34 | 16 43 | 6 38 |
| F 16 | 13 32 | 13 4 | 5 0 | 16 34 | 1 36 | 16 17 | 1 5 | 20 32 | 1 50 | 17 51 | 0 26 | 16 40 | 2 19 | 17 31 | 0 22 | 4 26 | 1 28 | 21 25 | 5 58 | 15 48 | 15 54 | 17 35 | 16 44 | 6 38 |
| S 17 | 13 13 | 9 11 | 4 57 | 15 58 | 1 40 | 15 56 | 1 7 | 20 40 | 1 51 | 17 48 | 0 26 | 16 41 | 2 19 | 17 31 | 0 22 | 4 27 | 1 28 | 21 25 | 5 58 | 15 44 | 15 53 | 17 35 | 16 44 | 6 37 |
| S 18 | 12 54 | 4 56 | 4 37 | 15 21 | 1 42 | 15 34 | 1 8 | 20 49 | 1 51 | 17 44 | 0 26 | 16 41 | 2 20 | 17 31 | 0 22 | 4 28 | 1 28 | 21 25 | 5 59 | 15 41 | 15 52 | 17 36 | 16 45 | 6 37 |
| M19 | 12 34 | 0 33 | 4 3 | 14 41 | 1 44 | 15 11 | 1 10 | 20 57 | 1 52 | 17 41 | 0 26 | 16 41 | 2 20 | 17 31 | 0 22 | 4 28 | 1 28 | 21 24 | 5 59 | 15 38 | 15 51 | 17 37 | 16 45 | 6 36 |
| T 20 | 12 15 | 3s46 | 3 18 | 14 1 | 1 45 | 14 48 | 1 11 | 21 5 | 1 52 | 17 37 | 0 26 | 16 41 | 2 20 | 17 31 | 0 22 | 4 29 | 1 28 | 21 24 | 5 59 | 15 35 | 15 50 | 17 38 | 16 45 | 6 36 |
| W21 | 11 55 | 7 49 | 2 24 | 13 19 | 1 45 | 14 25 | 1 12 | 21 13 | 1 52 | 17 34 | 0 26 | 16 42 | 2 20 | 17 31 | 0 23 | 4 30 | 1 27 | 21 23 | 5 59 | 15 33 | 15 49 | 17 39 | 16 46 | 6 35 |
| T 22 | 11 35 | 11 28 | 1 24 | 12 36 | 1 45 | 14 1 | 1 13 | 21 21 | 1 52 | 17 30 | 0 26 | 16 42 | 2 20 | 17 31 | 0 23 | 4 30 | 1 27 | 21 23 | 5 59 | 15 32 | 15 49 | 17 40 | 16 46 | 6 35 |
| F 23 | 11 15 | 14 35 | 0 22 | 11 52 | 1 44 | 13 37 | 1 15 | 21 29 | 1 53 | 17 27 | 0 26 | 16 42 | 2 21 | 17 31 | 0 23 | 4 31 | 1 27 | 21 22 | 5 59 | 15 32 | 15 48 | 17 40 | 16 47 | 6 34 |
| S 24 | 10 54 | 17 5 | 0n41 | 11 7 | 1 43 | 13 12 | 1 16 | 21 37 | 1 53 | 17 23 | 0 27 | 16 42 | 2 21 | 17 31 | 0 23 | 4 32 | 1 27 | 21 22 | 5 59 | 15 32 | 15 47 | 17 41 | 16 47 | 6 34 |
| S 25 | 10 34 | 18 50 | 1 42 | 10 22 | 1 40 | 12 47 | 1 17 | 21 45 | 1 53 | 17 20 | 0 27 | 16 42 | 2 21 | 17 31 | 0 23 | 4 32 | 1 27 | 21 21 | 5 59 | 15 32 | 15 46 | 17 42 | 16 48 | 6 33 |
| M26 | 10 13 | 19 46 | 2 39 | 9 36 | 1 38 | 12 22 | 1 18 | 21 52 | 1 53 | 17 16 | 0 27 | 16 42 | 2 21 | 17 31 | 0 23 | 4 33 | 1 27 | 21 21 | 5 59 | 15 32 | 15 45 | 17 43 | 16 48 | 6 33 |
| T 27 | 9 52 | 19 49 | 3 30 | 8 50 | 1 34 | 11 56 | 1 19 | 22 0 | 1 54 | 17 13 | 0 27 | 16 42 | 2 22 | 17 31 | 0 23 | 4 34 | 1 27 | 21 21 | 6 0 | 15 31 | 15 44 | 17 44 | 16 49 | 6 32 |
| W28 | 9 31 | 18 56 | 4 12 | 8 3 | 1 31 | 11 30 | 1 20 | 22 7 | 1 54 | 17 9 | 0 27 | 16 42 | 2 22 | 17 31 | 0 23 | 4 35 | 1 27 | 21 20 | 6 0 | 15 30 | 15 43 | 17 44 | 16 49 | 6 32 |
| T 29 | 9 10 | 17 8 | 4 43 | 7 16 | 1 27 | 11 4 | 1 20 | 22 15 | 1 54 | 17 5 | 0 27 | 16 42 | 2 22 | 17 31 | 0 23 | 4 35 | 1 27 | 21 20 | 6 0 | 15 28 | 15 42 | 17 45 | 16 50 | 6 31 |
| F 30 | 8 48 | 14 26 | 5 1 | 6 29 | 1 22 | 10 38 | 1 21 | 22 22 | 1 54 | 17 2 | 0 27 | 16 42 | 2 22 | 17 31 | 0 23 | 4 36 | 1 27 | 21 19 | 6 0 | 15 25 | 15 41 | 17 46 | 16 50 | 6 31 |
| S 31 | 8n27 | 10s56 | 5n 3 | 5n42 | 1n17 | 10n11 | 1n22 | 22s30 | 1s54 | 16n58 | 0n27 | 16n42 | 2s22 | 17n31 | 0s23 | 4s37 | 1n27 | 21n19 | 6n 0 | 15s22 | 15s40 | 17s47 | 16s51 | 6n31 |

Julian Day Number = 2612829.5, Delta T = 10m43s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'51, Lahiri = 30°01'52


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## SEPTEMBER 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 42 41 | 9♍14'24 | 0♓28 | 20♍20 | 8♍15 | 3♐ 9 | 14♌23 | 25♉11 | 20°R41 | 15♎11 | 17♌21 | 11°R44 | 12♏49 | 24♏14 | 27♐10 | S 1 |
| M 2 | 22 46 38 | 10°12'16 | 14°23 | 22° 6 | 9°29 | 3°45 | 14°36 | 25°11 | 20♉41 | 15°13 | 17°22 | 11♏34 | 12°46 | 24°20 | 27°10 | M 2 |
| T 3 | 22 50 34 | 11°10'10 | 28°32 | 23°51 | 10°44 | 4°21 | 14°48 | 25°12 | 20°40 | 15°15 | 17°24 | 11°26 | 12°43 | 24°27 | 27°11 | T 3 |
| W 4 | 22 54 31 | 12° 8'05 | 12♈51 | 25°35 | 11°58 | 4°57 | 15° 1 | 25°12 | 20°40 | 15°17 | 17°25 | 11°21 | 12°40 | 24°33 | 27°11 | W 4 |
| T 5 | 22 58 28 | 13° 6'01 | 27°13 | 27°17 | 13°12 | 5°34 | 15°13 | 25°12 | 20°39 | 15°19 | 17°27 | 11°18 | 12°37 | 24°40 | 27°11 | T 5 |
| F 6 | 23 2 24 | 14° 4'00 | 11♉35 | 28°58 | 14°27 | 6°10 | 15°26 | 25°R12 | 20°39 | 15°21 | 17°29 | 11°D17 | 12°34 | 24°47 | 27°12 | F 6 |
| S 7 | 23 6 21 | 15° 2'01 | 25°53 | 0♎38 | 15°41 | 6°47 | 15°38 | 25°12 | 20°38 | 15°22 | 17°30 | 11°18 | 12°30 | 24°53 | 27°13 | S 7 |
| S 8 | 23 10 17 | 16° 0'03 | 10♊ 4 | 2°17 | 16°55 | 7°24 | 15°51 | 25°12 | 20°37 | 15°24 | 17°32 | 11°R19 | 12°27 | 25° 0 | 27°14 | S 8 |
| M 9 | 23 14 14 | 16°58'07 | 24° 8 | 3°54 | 18°10 | 8° 1 | 16° 3 | 25°12 | 20°37 | 15°26 | 17°34 | 11°18 | 12°24 | 25° 7 | 27°14 | M 9 |
| T 10 | 23 18 10 | 17°56'14 | 8♋ 3 | 5°30 | 19°24 | 8°38 | 16°15 | 25°11 | 20°36 | 15°28 | 17°35 | 11°17 | 12°21 | 25°13 | 27°15 | T 10 |
| W11 | 23 22 7 | 18°54'22 | 21°49 | 7° 5 | 20°39 | 9°16 | 16°28 | 25°11 | 20°35 | 15°31 | 17°37 | 11°13 | 12°18 | 25°20 | 27°17 | W11 |
| T 12 | 23 26 3 | 19°52'32 | 5♌25 | 8°38 | 21°53 | 9°54 | 16°40 | 25°10 | 20°35 | 15°33 | 17°38 | 11° 7 | 12°15 | 25°27 | 27°18 | T 12 |
| F 13 | 23 30 0 | 20°50'44 | 18°49 | 10°11 | 23° 8 | 10°31 | 16°52 | 25°10 | 20°34 | 15°35 | 17°40 | 10°59 | 12°11 | 25°33 | 27°19 | F 13 |
| S 14 | 23 33 57 | 21°48'58 | 2♍ 0 | 11°42 | 24°22 | 11° 9 | 17° 4 | 25° 9 | 20°33 | 15°37 | 17°41 | 10°50 | 12° 8 | 25°40 | 27°20 | S 14 |
| S 15 | 23 37 53 | 22°47'13 | 14°58 | 13°12 | 25°37 | 11°48 | 17°16 | 25° 8 | 20°32 | 15°39 | 17°43 | 10°42 | 12° 5 | 25°47 | 27°22 | S 15 |
| M16 | 23 41 50 | 23°45'31 | 27°41 | 14°41 | 26°51 | 12°26 | 17°28 | 25° 7 | 20°31 | 15°41 | 17°44 | 10°34 | 12° 2 | 25°53 | 27°23 | M16 |
| T 17 | 23 45 46 | 24°43'50 | 10♎ 9 | 16° 8 | 28° 6 | 13° 4 | 17°40 | 25° 6 | 20°30 | 15°43 | 17°46 | 10°28 | 11°59 | 26° 0 | 27°25 | T 17 |
| W18 | 23 49 43 | 25°42'11 | 22°24 | 17°35 | 29°20 | 13°43 | 17°51 | 25° 5 | 20°29 | 15°45 | 17°47 | 10°25 | 11°55 | 26° 7 | 27°27 | W18 |
| T 19 | 23 53 39 | 26°40'33 | 4♏26 | 19° 0 | 0♎35 | 14°22 | 18° 3 | 25° 4 | 20°27 | 15°47 | 17°49 | 10°23 | 11°52 | 26°13 | 27°28 | T 19 |
| F 20 | 23 57 36 | 27°38'57 | 16°20 | 20°24 | 1°49 | 15° 1 | 18°15 | 25° 2 | 20°26 | 15°49 | 17°50 | 10°D23 | 11°49 | 26°20 | 27°30 | F 20 |
| S 21 | 0 1 32 | 28°37'23 | 28° 8 | 21°46 | 3° 4 | 15°40 | 18°26 | 25° 1 | 20°25 | 15°51 | 17°51 | 10°24 | 11°46 | 26°26 | 27°32 | S 21 |
| S 22 | 0 5 29 | 29°35'51 | 9♐56 | 23° 7 | 4°19 | 16°19 | 18°38 | 24°59 | 20°24 | 15°54 | 17°53 | 10°26 | 11°43 | 26°33 | 27°34 | S 22 |
| M23 | 0 9 25 | 0♎34'20 | 21°47 | 24°27 | 5°33 | 16°59 | 18°49 | 24°57 | 20°23 | 15°56 | 17°54 | 10°27 | 11°40 | 26°40 | 27°37 | M23 |
| T 24 | 0 13 22 | 1°32'51 | 3♑48 | 25°45 | 6°48 | 17°39 | 19° 1 | 24°55 | 20°21 | 15°58 | 17°56 | 10°R27 | 11°36 | 26°46 | 27°39 | T 24 |
| W25 | 0 17 19 | 2°31'23 | 16° 3 | 27° 2 | 8° 2 | 18°18 | 19°12 | 24°54 | 20°20 | 16° 0 | 17°57 | 10°26 | 11°33 | 26°53 | 27°41 | W25 |
| T 26 | 0 21 15 | 3°29'57 | 28°36 | 28°18 | 9°17 | 18°58 | 19°23 | 24°52 | 20°18 | 16° 2 | 17°58 | 10°24 | 11°30 | 27° 0 | 27°44 | T 26 |
| F 27 | 0 25 12 | 4°28'32 | 11♒32 | 29°32 | 10°32 | 19°38 | 19°35 | 24°49 | 20°17 | 16° 4 | 18° 0 | 10°20 | 11°27 | 27° 6 | 27°46 | F 27 |
| S 28 | 0 29 8 | 5°27'10 | 24°53 | 0♏44 | 11°46 | 20°18 | 19°46 | 24°47 | 20°15 | 16° 7 | 18° 1 | 10°15 | 11°24 | 27°13 | 27°49 | S 28 |
| S 29 | 0 33 5 | 6°25'48 | 8♓39 | 1°54 | 13° 1 | 20°59 | 19°57 | 24°45 | 20°14 | 16° 9 | 18° 2 | 10° 9 | 11°21 | 27°20 | 27°51 | S 29 |
| M30 | 0 37 1 | 7♎24'29 | 22♓49 | 3♏ 3 | 14♎15 | 21♐39 | 20♌ 8 | 24♉43 | 20♉12 | 16♎11 | 18♌ 3 | 10♏ 4 | 11♏17 | 27♏26 | 27♐54 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n 5 | 6s47 | 4n48 | 4n55 | 1n12 | 9n44 | 1n22 | 22s37 | 1s55 | 16n55 | 0n27 | 16n42 | 2s23 | 17n31 | 0s23 | 4s37 | 1n27 | 21n19 | 6n 0 | 15s19 | 15s39 | 17s48 | 16s51 | 6n30 |
| M 2 | 7 43 | 2 11 | 4 16 | 4 8 | 1 6 | 9 16 | 1 23 | 22 44 | 1 55 | 16 51 | 0 28 | 16 42 | 2 23 | 17 31 | 0 23 | 4 38 | 1 27 | 21 18 | 6 0 | 15 16 | 15 38 | 17 48 | 16 52 | 6 30 |
| T 3 | 7 22 | 2n36 | 3 28 | 3 22 | 1 0 | 8 49 | 1 23 | 22 51 | 1 55 | 16 48 | 0 28 | 16 42 | 2 23 | 17 31 | 0 23 | 4 39 | 1 27 | 21 18 | 6 0 | 15 14 | 15 37 | 17 49 | 16 52 | 6 29 |
| W 4 | 7 0 | 7 18 | 2 26 | 2 35 | 0 54 | 8 21 | 1 24 | 22 57 | 1 55 | 16 44 | 0 28 | 16 42 | 2 23 | 17 31 | 0 23 | 4 40 | 1 27 | 21 17 | 6 1 | 15 12 | 15 36 | 17 50 | 16 53 | 6 29 |
| T 5 | 6 37 | 11 37 | 1 15 | 1 48 | 0 48 | 7 53 | 1 24 | 23 4 | 1 55 | 16 41 | 0 28 | 16 42 | 2 24 | 17 30 | 0 23 | 4 40 | 1 27 | 21 17 | 6 1 | 15 11 | 15 35 | 17 51 | 16 53 | 6 28 |
| F 6 | 6 15 | 15 15 | 0s 2 | 1 2 | 0 41 | 7 24 | 1 24 | 23 11 | 1 55 | 16 37 | 0 28 | 16 41 | 2 24 | 17 30 | 0 23 | 4 41 | 1 27 | 21 17 | 6 1 | 15 11 | 15 34 | 17 51 | 16 54 | 6 28 |
| S 7 | 5 53 | 17 55 | 1 18 | 0 16 | 0 34 | 6 56 | 1 25 | 23 17 | 1 55 | 16 33 | 0 28 | 16 41 | 2 24 | 17 30 | 0 23 | 4 42 | 1 27 | 21 16 | 6 1 | 15 11 | 15 33 | 17 52 | 16 54 | 6 27 |
| S 8 | 5 31 | 19 28 | 2 28 | 0s29 | 0 27 | 6 27 | 1 25 | 23 23 | 1 55 | 16 30 | 0 28 | 16 41 | 2 24 | 17 30 | 0 23 | 4 43 | 1 27 | 21 16 | 6 1 | 15 11 | 15 32 | 17 53 | 16 55 | 6 27 |
| M 9 | 5 8 | 19 46 | 3 29 | 1 14 | 0 20 | 5 58 | 1 25 | 23 29 | 1 56 | 16 26 | 0 28 | 16 41 | 2 24 | 17 30 | 0 23 | 4 44 | 1 27 | 21 16 | 6 1 | 15 11 | 15 31 | 17 54 | 16 55 | 6 26 |
| T 10 | 4 45 | 18 51 | 4 17 | 1 59 | 0 13 | 5 29 | 1 25 | 23 35 | 1 56 | 16 23 | 0 29 | 16 40 | 2 25 | 17 30 | 0 23 | 4 44 | 1 27 | 21 15 | 6 1 | 15 11 | 15 30 | 17 54 | 16 56 | 6 26 |
| W11 | 4 23 | 16 51 | 4 50 | 2 44 | 0 5 | 5 0 | 1 25 | 23 41 | 1 56 | 16 19 | 0 29 | 16 40 | 2 25 | 17 29 | 0 23 | 4 45 | 1 27 | 21 15 | 6 2 | 15 9 | 15 29 | 17 55 | 16 56 | 6 25 |
| T 12 | 4 0 | 13 56 | 5 6 | 3 27 | 0s 3 | 4 31 | 1 25 | 23 47 | 1 56 | 16 16 | 0 29 | 16 40 | 2 25 | 17 29 | 0 23 | 4 46 | 1 27 | 21 15 | 6 2 | 15 7 | 15 28 | 17 56 | 16 57 | 6 25 |
| F 13 | 3 37 | 10 19 | 5 4 | 4 11 | 0 10 | 4 1 | 1 25 | 23 53 | 1 56 | 16 12 | 0 29 | 16 39 | 2 25 | 17 29 | 0 23 | 4 47 | 1 27 | 21 14 | 6 2 | 15 5 | 15 27 | 17 57 | 16 57 | 6 24 |
| S 14 | 3 14 | 6 16 | 4 47 | 4 54 | 0 18 | 3 31 | 1 24 | 23 58 | 1 56 | 16 9 | 0 29 | 16 39 | 2 25 | 17 29 | 0 23 | 4 48 | 1 27 | 21 14 | 6 2 | 15 2 | 15 26 | 17 57 | 16 58 | 6 24 |
| S 15 | 2 51 | 2 0 | 4 14 | 5 36 | 0 26 | 3 2 | 1 24 | 24 3 | 1 56 | 16 5 | 0 29 | 16 39 | 2 26 | 17 28 | 0 23 | 4 48 | 1 27 | 21 14 | 6 2 | 15 0 | 15 25 | 17 58 | 16 58 | 6 23 |
| M16 | 2 28 | 2s18 | 3 30 | 6 18 | 0 34 | 2 32 | 1 24 | 24 8 | 1 56 | 16 2 | 0 29 | 16 38 | 2 26 | 17 28 | 0 23 | 4 49 | 1 27 | 21 13 | 6 2 | 14 57 | 15 24 | 17 59 | 16 59 | 6 23 |
| T 17 | 2 5 | 6 24 | 2 36 | 6 59 | 0 42 | 2 2 | 1 23 | 24 13 | 1 56 | 15 58 | 0 29 | 16 38 | 2 26 | 17 28 | 0 23 | 4 50 | 1 27 | 21 13 | 6 3 | 14 56 | 15 23 | 18 0 | 16 59 | 6 22 |
| W18 | 1 42 | 10 11 | 1 36 | 7 39 | 0 50 | 1 32 | 1 23 | 24 18 | 1 56 | 15 55 | 0 30 | 16 37 | 2 26 | 17 28 | 0 23 | 4 51 | 1 27 | 21 13 | 6 3 | 14 54 | 15 23 | 18 0 | 17 0 | 6 22 |
| T 19 | 1 19 | 13 28 | 0 32 | 8 19 | 0 58 | 1 2 | 1 22 | 24 23 | 1 56 | 15 51 | 0 30 | 16 37 | 2 26 | 17 27 | 0 23 | 4 52 | 1 27 | 21 12 | 6 3 | 14 54 | 15 22 | 18 1 | 17 0 | 6 21 |
| F 20 | 0 56 | 16 10 | 0n32 | 8 58 | 1 6 | 0 32 | 1 22 | 24 27 | 1 56 | 15 48 | 0 30 | 16 36 | 2 27 | 17 27 | 0 23 | 4 52 | 1 27 | 21 12 | 6 3 | 14 54 | 15 21 | 18 2 | 17 1 | 6 21 |
| S 21 | 0 33 | 18 9 | 1 35 | 9 37 | 1 14 | 0 1 | 1 21 | 24 32 | 1 55 | 15 44 | 0 30 | 16 36 | 2 27 | 17 27 | 0 23 | 4 53 | 1 27 | 21 12 | 6 3 | 14 54 | 15 20 | 18 2 | 17 1 | 6 20 |
| S 22 | 0 10 | 19 21 | 2 34 | 10 15 | 1 23 | 0s29 | 1 20 | 24 36 | 1 55 | 15 41 | 0 30 | 16 35 | 2 27 | 17 26 | 0 23 | 4 54 | 1 27 | 21 12 | 6 3 | 14 55 | 15 19 | 18 3 | 17 2 | 6 20 |
| M23 | 0s14 | 19 42 | 3 26 | 10 51 | 1 31 | 0 59 | 1 19 | 24 39 | 1 55 | 15 37 | 0 30 | 16 35 | 2 27 | 17 26 | 0 23 | 4 55 | 1 27 | 21 11 | 6 4 | 14 55 | 15 18 | 18 4 | 17 2 | 6 19 |
| T 24 | 0 37 | 19 9 | 4 11 | 11 28 | 1 38 | 1 29 | 1 19 | 24 43 | 1 55 | 15 34 | 0 30 | 16 34 | 2 27 | 17 25 | 0 23 | 4 56 | 1 27 | 21 11 | 6 4 | 14 55 | 15 17 | 18 4 | 17 3 | 6 19 |
| W25 | 1 0 | 17 43 | 4 44 | 12 3 | 1 46 | 1 59 | 1 18 | 24 47 | 1 55 | 15 31 | 0 31 | 16 33 | 2 28 | 17 25 | 0 23 | 4 57 | 1 27 | 21 11 | 6 4 | 14 55 | 15 16 | 18 5 | 17 4 | 6 18 |
| T 26 | 1 23 | 15 24 | 5 5 | 12 37 | 1 54 | 2 30 | 1 17 | 24 50 | 1 55 | 15 27 | 0 31 | 16 33 | 2 28 | 17 25 | 0 23 | 4 57 | 1 27 | 21 11 | 6 4 | 14 54 | 15 15 | 18 6 | 17 4 | 6 18 |
| F 27 | 1 46 | 12 17 | 5 12 | 13 11 | 2 2 | 3 0 | 1 16 | 24 53 | 1 55 | 15 24 | 0 31 | 16 32 | 2 28 | 17 24 | 0 23 | 4 58 | 1 27 | 21 10 | 6 4 | 14 53 | 15 14 | 18 6 | 17 5 | 6 17 |
| S 28 | 2 10 | 8 27 | 5 2 | 13 43 | 2 9 | 3 30 | 1 15 | 24 56 | 1 55 | 15 21 | 0 31 | 16 31 | 2 28 | 17 24 | 0 23 | 4 59 | 1 27 | 21 10 | 6 4 | 14 51 | 15 13 | 18 7 | 17 5 | 6 17 |
| S 29 | 2 33 | 4 3 | 4 35 | 14 15 | 2 17 | 4 0 | 1 13 | 24 59 | 1 55 | 15 17 | 0 31 | 16 31 | 2 28 | 17 23 | 0 23 | 5 0 | 1 27 | 21 10 | 6 5 | 14 50 | 15 12 | 18 8 | 17 6 | 6 16 |
| M30 | 2s56 | 0n40 | 3n50 | 14s45 | 2s24 | 4s30 | 1n12 | 25s 1 | 1s54 | 15n14 | 0n31 | 16n30 | 2s28 | 17n23 | 0s23 | 5s 1 | 1n27 | 21n10 | 6n 5 | 14s48 | 15s11 | 18s 8 | 17s 6 | 6n16 |

Julian Day Number = 2612860.5, Delta T = 10m44s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°54'56, Lahiri = 30°01'56


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## OCTOBER 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 40 58 | 8♎23'12 | 7♈17 | 4♏ 9 | 15♎30 | 22♐20 | 20♌18 | 24°R40 | 20°R11 | 16♎13 | 18♌ 5 | 10°R 0 | 11♏14 | 27♏33 | 27♐57 | T 1 |
| W 2 | 0 44 54 | 9°21'56 | 21°59 | 5°13 | 16°45 | 23° 0 | 20°29 | 24♉37 | 20♉ 9 | 16°16 | 18° 6 | 9♏58 | 11°11 | 27°40 | 28° 0 | W 2 |
| T 3 | 0 48 51 | 10°20'43 | 6♉47 | 6°15 | 17°59 | 23°41 | 20°40 | 24°35 | 20° 7 | 16°18 | 18° 7 | 9°D57 | 11° 8 | 27°46 | 28° 3 | T 3 |
| F 4 | 0 52 48 | 11°19'31 | 21°33 | 7°15 | 19°14 | 24°22 | 20°50 | 24°32 | 20° 5 | 16°20 | 18° 8 | 9°57 | 11° 5 | 27°53 | 28° 6 | F 4 |
| S 5 | 0 56 44 | 12°18'22 | 6♊12 | 8°12 | 20°29 | 25° 3 | 21° 1 | 24°29 | 20° 4 | 16°22 | 18° 9 | 9°58 | 11° 1 | 28° 0 | 28° 9 | S 5 |
| S 6 | 1 0 41 | 13°17'15 | 20°39 | 9° 6 | 21°43 | 25°45 | 21°11 | 24°26 | 20° 2 | 16°24 | 18°11 | 10° 0 | 10°58 | 28° 6 | 28°12 | S 6 |
| M 7 | 1 4 37 | 14°16'11 | 4♋50 | 9°57 | 22°58 | 26°26 | 21°22 | 24°23 | 20° 0 | 16°27 | 18°12 | 10° 1 | 10°55 | 28°13 | 28°16 | M 7 |
| T 8 | 1 8 34 | 15°15'09 | 18°44 | 10°45 | 24°13 | 27° 7 | 21°32 | 24°20 | 19°58 | 16°29 | 18°13 | 10°R 1 | 10°52 | 28°20 | 28°19 | T 8 |
| W 9 | 1 12 30 | 16°14'09 | 2♌21 | 11°29 | 25°28 | 27°49 | 21°42 | 24°17 | 19°56 | 16°31 | 18°14 | 10° 0 | 10°49 | 28°26 | 28°23 | W 9 |
| T 10 | 1 16 27 | 17°13'11 | 15°41 | 12° 9 | 26°42 | 28°31 | 21°52 | 24°14 | 19°54 | 16°33 | 18°15 | 9°58 | 10°46 | 28°33 | 28°26 | T 10 |
| F 11 | 1 20 23 | 18°12'15 | 28°46 | 12°45 | 27°57 | 29°12 | 22° 2 | 24°10 | 19°52 | 16°36 | 18°16 | 9°55 | 10°42 | 28°39 | 28°30 | F 11 |
| S 12 | 1 24 20 | 19°11'22 | 11♍36 | 13°16 | 29°12 | 29°54 | 22°12 | 24° 7 | 19°50 | 16°38 | 18°17 | 9°52 | 10°39 | 28°46 | 28°33 | S 12 |
| S 13 | 1 28 17 | 20°10'31 | 24°13 | 13°42 | 0♏26 | 0♑36 | 22°22 | 24° 3 | 19°48 | 16°40 | 18°18 | 9°49 | 10°36 | 28°53 | 28°37 | S 13 |
| M14 | 1 32 13 | 21° 9'42 | 6♎37 | 14° 2 | 1°41 | 1°18 | 22°31 | 24° 0 | 19°46 | 16°42 | 18°19 | 9°46 | 10°33 | 28°59 | 28°41 | M14 |
| T 15 | 1 36 10 | 22° 8'55 | 18°50 | 14°16 | 2°56 | 2° 1 | 22°41 | 23°56 | 19°44 | 16°44 | 18°20 | 9°44 | 10°30 | 29° 6 | 28°45 | T 15 |
| W16 | 1 40 6 | 23° 8'10 | 0♏54 | 14°24 | 4°11 | 2°43 | 22°50 | 23°52 | 19°42 | 16°47 | 18°21 | 9°43 | 10°26 | 29°13 | 28°49 | W16 |
| T 17 | 1 44 3 | 24° 7'27 | 12°50 | 14°R25 | 5°25 | 3°26 | 22°59 | 23°48 | 19°40 | 16°49 | 18°22 | 9°D43 | 10°23 | 29°19 | 28°53 | T 17 |
| F 18 | 1 47 59 | 25° 6'47 | 24°40 | 14°18 | 6°40 | 4° 8 | 23° 9 | 23°44 | 19°38 | 16°51 | 18°22 | 9°43 | 10°20 | 29°26 | 28°57 | F 18 |
| S 19 | 1 51 56 | 26° 6'08 | 6♐27 | 14° 4 | 7°55 | 4°51 | 23°18 | 23°41 | 19°35 | 16°53 | 18°23 | 9°45 | 10°17 | 29°33 | 29° 2 | S 19 |
| S 20 | 1 55 52 | 27° 5'31 | 18°15 | 13°41 | 9°10 | 5°34 | 23°27 | 23°37 | 19°33 | 16°56 | 18°24 | 9°46 | 10°14 | 29°39 | 29° 6 | S 20 |
| M21 | 1 59 49 | 28° 4'55 | 0♑ 6 | 13°10 | 10°24 | 6°17 | 23°35 | 23°32 | 19°31 | 16°58 | 18°25 | 9°47 | 10°11 | 29°46 | 29°10 | M21 |
| T 22 | 2 3 45 | 29° 4'22 | 12° 5 | 12°30 | 11°39 | 7° 0 | 23°44 | 23°28 | 19°29 | 17° 0 | 18°26 | 9°48 | 10° 7 | 29°53 | 29°15 | T 22 |
| W23 | 2 7 42 | 0♏ 3'50 | 24°18 | 11°43 | 12°54 | 7°43 | 23°53 | 23°24 | 19°27 | 17° 2 | 18°26 | 9°48 | 10° 4 | 29°59 | 29°19 | W23 |
| T 24 | 2 11 39 | 1° 3'20 | 6♒47 | 10°47 | 14° 9 | 8°26 | 24° 1 | 23°20 | 19°24 | 17° 4 | 18°27 | 9°R48 | 10° 1 | 0♐ 6 | 29°24 | T 24 |
| F 25 | 2 15 35 | 2° 2'52 | 19°38 | 9°45 | 15°23 | 9° 9 | 24°10 | 23°16 | 19°22 | 17° 7 | 18°28 | 9°48 | 9°58 | 0°13 | 29°28 | F 25 |
| S 26 | 2 19 32 | 3° 2'25 | 2♓54 | 8°37 | 16°38 | 9°53 | 24°18 | 23°11 | 19°20 | 17° 9 | 18°28 | 9°47 | 9°55 | 0°19 | 29°33 | S 26 |
| S 27 | 2 23 28 | 4° 2'00 | 16°37 | 7°24 | 17°53 | 10°36 | 24°26 | 23° 7 | 19°17 | 17°11 | 18°29 | 9°47 | 9°52 | 0°26 | 29°38 | S 27 |
| M28 | 2 27 25 | 5° 1'37 | 0♈47 | 6°10 | 19° 8 | 11°20 | 24°34 | 23° 2 | 19°15 | 17°13 | 18°30 | 9°46 | 9°48 | 0°33 | 29°43 | M28 |
| T 29 | 2 31 21 | 6° 1'16 | 15°21 | 4°55 | 20°22 | 12° 3 | 24°42 | 22°58 | 19°12 | 17°15 | 18°30 | 9°46 | 9°45 | 0°39 | 29°48 | T 29 |
| W30 | 2 35 18 | 7° 0'56 | 0♉15 | 3°42 | 21°37 | 12°47 | 24°49 | 22°53 | 19°10 | 17°17 | 18°31 | 9°45 | 9°42 | 0°46 | 29°52 | W30 |
| T 31 | 2 39 14 | 8♏ 0'39 | 15♉20 | 2♏34 | 22♏52 | 13♑31 | 24♌57 | 22♉49 | 19♉ 8 | 17♎19 | 18♌31 | 9°D45 | 9♏39 | 0♐53 | 29♐58 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s19 | 5n29 | 2n49 | 15s14 | 2s31 | 5s 0 | 1n11 | 25s 4 | 1s54 | 15n11 | 0n31 | 16n29 | 2s29 | 17n23 | 0s23 | 5s 2 | 1n27 | 21n 9 | 6n 5 | 14s47 | 15s10 | 18s 9 | 17s 7 | 6n15 |
| W 2 | 3 42 | 10 3 | 1 37 | 15 42 | 2 38 | 5 30 | 1 10 | 25 6 | 1 54 | 15 7 | 0 32 | 16 28 | 2 29 | 17 22 | 0 23 | 5 3 | 1 27 | 21 9 | 6 5 | 14 46 | 15 9 | 18 10 | 17 7 | 6 15 |
| T 3 | 4 5 | 14 1 | 0 17 | 16 9 | 2 44 | 5 59 | 1 8 | 25 8 | 1 54 | 15 4 | 0 32 | 16 27 | 2 29 | 17 22 | 0 23 | 5 3 | 1 27 | 21 9 | 6 5 | 14 46 | 15 8 | 18 10 | 17 8 | 6 14 |
| F 4 | 4 28 | 17 5 | 1s 3 | 16 35 | 2 51 | 6 29 | 1 7 | 25 9 | 1 54 | 15 1 | 0 32 | 16 27 | 2 29 | 17 21 | 0 23 | 5 4 | 1 27 | 21 9 | 6 6 | 14 46 | 15 7 | 18 11 | 17 8 | 6 14 |
| S 5 | 4 51 | 19 0 | 2 19 | 16 59 | 2 56 | 6 58 | 1 5 | 25 11 | 1 54 | 14 58 | 0 32 | 16 26 | 2 29 | 17 21 | 0 23 | 5 5 | 1 27 | 21 9 | 6 6 | 14 46 | 15 6 | 18 12 | 17 9 | 6 13 |
| S 6 | 5 14 | 19 38 | 3 25 | 17 22 | 3 2 | 7 28 | 1 4 | 25 12 | 1 53 | 14 55 | 0 32 | 16 25 | 2 29 | 17 20 | 0 23 | 5 6 | 1 27 | 21 9 | 6 6 | 14 47 | 15 5 | 18 12 | 17 9 | 6 13 |
| M 7 | 5 37 | 19 0 | 4 18 | 17 43 | 3 7 | 7 57 | 1 2 | 25 13 | 1 53 | 14 51 | 0 32 | 16 24 | 2 30 | 17 20 | 0 23 | 5 7 | 1 27 | 21 8 | 6 6 | 14 47 | 15 4 | 18 13 | 17 10 | 6 13 |
| T 8 | 6 0 | 17 14 | 4 54 | 18 3 | 3 12 | 8 26 | 1 0 | 25 14 | 1 53 | 14 48 | 0 32 | 16 23 | 2 30 | 17 19 | 0 23 | 5 8 | 1 27 | 21 8 | 6 6 | 14 47 | 15 3 | 18 14 | 17 10 | 6 12 |
| W 9 | 6 22 | 14 31 | 5 12 | 18 21 | 3 16 | 8 55 | 0 59 | 25 14 | 1 53 | 14 45 | 0 33 | 16 22 | 2 30 | 17 19 | 0 23 | 5 8 | 1 27 | 21 8 | 6 7 | 14 47 | 15 2 | 18 14 | 17 11 | 6 12 |
| T 10 | 6 45 | 11 6 | 5 13 | 18 37 | 3 20 | 9 23 | 0 57 | 25 15 | 1 52 | 14 42 | 0 33 | 16 21 | 2 30 | 17 18 | 0 23 | 5 9 | 1 27 | 21 8 | 6 7 | 14 46 | 15 1 | 18 15 | 17 11 | 6 11 |
| F 11 | 7 7 | 7 12 | 4 58 | 18 51 | 3 23 | 9 52 | 0 55 | 25 15 | 1 52 | 14 39 | 0 33 | 16 20 | 2 30 | 17 18 | 0 23 | 5 10 | 1 27 | 21 8 | 6 7 | 14 45 | 15 0 | 18 16 | 17 12 | 6 11 |
| S 12 | 7 30 | 3 3 | 4 28 | 19 3 | 3 26 | 10 20 | 0 53 | 25 15 | 1 52 | 14 36 | 0 33 | 16 19 | 2 30 | 17 17 | 0 23 | 5 11 | 1 27 | 21 8 | 6 7 | 14 44 | 14 59 | 18 16 | 17 12 | 6 10 |
| S 13 | 7 52 | 1s10 | 3 46 | 19 12 | 3 27 | 10 48 | 0 51 | 25 14 | 1 52 | 14 33 | 0 33 | 16 18 | 2 30 | 17 17 | 0 23 | 5 12 | 1 27 | 21 8 | 6 8 | 14 43 | 14 58 | 18 17 | 17 12 | 6 10 |
| M14 | 8 14 | 5 16 | 2 53 | 19 19 | 3 28 | 11 15 | 0 49 | 25 14 | 1 51 | 14 30 | 0 33 | 16 17 | 2 31 | 17 16 | 0 23 | 5 13 | 1 27 | 21 8 | 6 8 | 14 42 | 14 57 | 18 17 | 17 13 | 6 10 |
| T 15 | 8 36 | 9 6 | 1 53 | 19 23 | 3 28 | 11 43 | 0 48 | 25 13 | 1 51 | 14 27 | 0 34 | 16 16 | 2 31 | 17 16 | 0 23 | 5 14 | 1 27 | 21 7 | 6 8 | 14 42 | 14 56 | 18 18 | 17 13 | 6 9 |
| W16 | 8 58 | 12 31 | 0 49 | 19 24 | 3 27 | 12 10 | 0 46 | 25 12 | 1 51 | 14 24 | 0 34 | 16 15 | 2 31 | 17 15 | 0 23 | 5 14 | 1 27 | 21 7 | 6 8 | 14 41 | 14 55 | 18 19 | 17 14 | 6 9 |
| T 17 | 9 20 | 15 23 | 0n17 | 19 22 | 3 24 | 12 37 | 0 43 | 25 10 | 1 50 | 14 21 | 0 34 | 16 14 | 2 31 | 17 14 | 0 23 | 5 15 | 1 27 | 21 7 | 6 8 | 14 41 | 14 54 | 18 19 | 17 14 | 6 8 |
| F 18 | 9 42 | 17 34 | 1 22 | 19 17 | 3 20 | 13 3 | 0 41 | 25 9 | 1 50 | 14 18 | 0 34 | 16 13 | 2 31 | 17 14 | 0 23 | 5 16 | 1 27 | 21 7 | 6 9 | 14 41 | 14 53 | 18 20 | 17 15 | 6 8 |
| S 19 | 10 3 | 18 59 | 2 23 | 19 7 | 3 15 | 13 30 | 0 39 | 25 7 | 1 50 | 14 16 | 0 34 | 16 12 | 2 31 | 17 13 | 0 23 | 5 17 | 1 27 | 21 7 | 6 9 | 14 42 | 14 52 | 18 20 | 17 15 | 6 8 |
| S 20 | 10 25 | 19 34 | 3 18 | 18 54 | 3 8 | 13 56 | 0 37 | 25 5 | 1 49 | 14 13 | 0 34 | 16 11 | 2 31 | 17 13 | 0 23 | 5 18 | 1 27 | 21 7 | 6 9 | 14 42 | 14 51 | 18 21 | 17 15 | 6 7 |
| M21 | 10 46 | 19 18 | 4 5 | 18 37 | 3 0 | 14 21 | 0 35 | 25 3 | 1 49 | 14 10 | 0 35 | 16 10 | 2 31 | 17 12 | 0 23 | 5 18 | 1 27 | 21 7 | 6 9 | 14 43 | 14 50 | 18 22 | 17 16 | 6 7 |
| T 22 | 11 7 | 18 10 | 4 41 | 18 15 | 2 50 | 14 46 | 0 33 | 25 0 | 1 49 | 14 7 | 0 35 | 16 9 | 2 31 | 17 11 | 0 23 | 5 19 | 1 27 | 21 7 | 6 10 | 14 43 | 14 49 | 18 22 | 17 16 | 6 6 |
| W23 | 11 28 | 16 11 | 5 6 | 17 49 | 2 38 | 15 11 | 0 30 | 24 57 | 1 48 | 14 5 | 0 35 | 16 8 | 2 31 | 17 11 | 0 23 | 5 20 | 1 27 | 21 7 | 6 10 | 14 43 | 14 48 | 18 23 | 17 17 | 6 6 |
| T 24 | 11 49 | 13 24 | 5 17 | 17 19 | 2 24 | 15 36 | 0 28 | 24 54 | 1 48 | 14 2 | 0 35 | 16 7 | 2 31 | 17 10 | 0 23 | 5 21 | 1 27 | 21 7 | 6 10 | 14 43 | 14 47 | 18 23 | 17 17 | 6 6 |
| F 25 | 12 9 | 9 56 | 5 13 | 16 44 | 2 9 | 16 0 | 0 26 | 24 51 | 1 48 | 14 0 | 0 35 | 16 6 | 2 32 | 17 10 | 0 23 | 5 22 | 1 27 | 21 7 | 6 10 | 14 43 | 14 46 | 18 24 | 17 17 | 6 5 |
| S 26 | 12 30 | 5 52 | 4 52 | 16 6 | 1 52 | 16 24 | 0 23 | 24 48 | 1 47 | 13 57 | 0 36 | 16 5 | 2 32 | 17 9 | 0 23 | 5 23 | 1 27 | 21 7 | 6 10 | 14 43 | 14 45 | 18 25 | 17 18 | 6 5 |
| S 27 | 12 50 | 1 21 | 4 15 | 15 25 | 1 34 | 16 47 | 0 21 | 24 44 | 1 47 | 13 54 | 0 36 | 16 3 | 2 32 | 17 8 | 0 23 | 5 23 | 1 27 | 21 7 | 6 11 | 14 42 | 14 44 | 18 25 | 17 18 | 6 5 |
| M28 | 13 10 | 3n23 | 3 20 | 14 42 | 1 14 | 17 10 | 0 19 | 24 40 | 1 46 | 13 52 | 0 36 | 16 2 | 2 32 | 17 8 | 0 23 | 5 24 | 1 27 | 21 7 | 6 11 | 14 42 | 14 43 | 18 26 | 17 19 | 6 4 |
| T 29 | 13 30 | 8 3 | 2 12 | 13 58 | 0 54 | 17 32 | 0 16 | 24 36 | 1 46 | 13 50 | 0 36 | 16 1 | 2 32 | 17 7 | 0 23 | 5 25 | 1 27 | 21 7 | 6 11 | 14 42 | 14 42 | 18 26 | 17 19 | 6 4 |
| W30 | 13 49 | 12 21 | 0 53 | 13 14 | 0 33 | 17 54 | 0 14 | 24 31 | 1 45 | 13 47 | 0 36 | 16 0 | 2 32 | 17 6 | 0 23 | 5 26 | 1 27 | 21 7 | 6 11 | 14 42 | 14 41 | 18 27 | 17 19 | 6 4 |
| T 31 | 14s 9 | 15n54 | 0s31 | 12s32 | 0s12 | 18s16 | 0n11 | 24s26 | 1s45 | 13n45 | 0n37 | 15n59 | 2s32 | 17n 6 | 0s23 | 5s27 | 1n27 | 21n 7 | 6n12 | 14s42 | 14s40 | 18s27 | 17s20 | 6n 3 |

Julian Day Number = 2612890.5, Delta T = 10m44s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'00, Lahiri = 30°02'00


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## NOVEMBER 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 43 11 | 9♏ 0'23 | 0♊28 | 1°R31 | 24♏ 7 | 14♑15 | 25♌ 4 | 22°R44 | 19°R 5 | 17♎21 | 18♌32 | 9♏45 | 9♏36 | 0♐59 | 0♑ 3 | F 1 |
| S 2 | 2 47 8 | 10° 0'10 | 15°30 | 0♏37 | 25°21 | 14°59 | 25°12 | 22♉39 | 19♉ 3 | 17°24 | 18°32 | 9°R45 | 9°32 | 1° 6 | 0° 8 | S 2 |
| S 3 | 2 51 4 | 10°59'59 | 0♋18 | 29♎53 | 26°36 | 15°43 | 25°19 | 22°35 | 19° 0 | 17°26 | 18°33 | 9°45 | 9°29 | 1°12 | 0°13 | S 3 |
| M 4 | 2 55 1 | 11°59'50 | 14°45 | 29°19 | 27°51 | 16°27 | 25°26 | 22°30 | 18°58 | 17°28 | 18°33 | 9°45 | 9°26 | 1°19 | 0°18 | M 4 |
| T 5 | 2 58 57 | 12°59'43 | 28°49 | 28°56 | 29° 6 | 17°11 | 25°33 | 22°25 | 18°55 | 17°30 | 18°34 | 9°45 | 9°23 | 1°26 | 0°23 | T 5 |
| W 6 | 3 2 54 | 13°59'38 | 12♌29 | 28°D45 | 0♐20 | 17°55 | 25°40 | 22°21 | 18°53 | 17°32 | 18°34 | 9°D45 | 9°20 | 1°32 | 0°29 | W 6 |
| T 7 | 3 6 50 | 14°59'35 | 25°45 | 28°46 | 1°35 | 18°40 | 25°46 | 22°16 | 18°51 | 17°34 | 18°34 | 9°45 | 9°17 | 1°39 | 0°34 | T 7 |
| F 8 | 3 10 47 | 15°59'35 | 8♍39 | 28°57 | 2°50 | 19°24 | 25°53 | 22°11 | 18°48 | 17°36 | 18°35 | 9°45 | 9°13 | 1°46 | 0°40 | F 8 |
| S 9 | 3 14 43 | 16°59'37 | 21°16 | 29°19 | 4° 5 | 20° 9 | 25°59 | 22° 6 | 18°46 | 17°38 | 18°35 | 9°46 | 9°10 | 1°52 | 0°45 | S 9 |
| S 10 | 3 18 40 | 17°59'40 | 3♎37 | 29°51 | 5°19 | 20°53 | 26° 5 | 22° 1 | 18°43 | 17°40 | 18°35 | 9°47 | 9° 7 | 1°59 | 0°51 | S 10 |
| M11 | 3 22 37 | 18°59'46 | 15°47 | 0♏31 | 6°34 | 21°38 | 26°11 | 21°57 | 18°41 | 17°42 | 18°36 | 9°48 | 9° 4 | 2° 6 | 0°56 | M11 |
| T 12 | 3 26 33 | 19°59'54 | 27°48 | 1°19 | 7°49 | 22°22 | 26°17 | 21°52 | 18°38 | 17°44 | 18°36 | 9°48 | 9° 1 | 2°12 | 1° 2 | T 12 |
| W13 | 3 30 30 | 21° 0'04 | 9♏42 | 2°14 | 9° 4 | 23° 7 | 26°22 | 21°47 | 18°36 | 17°46 | 18°36 | 9°R49 | 8°58 | 2°19 | 1° 8 | W13 |
| T 14 | 3 34 26 | 22° 0'15 | 21°32 | 3°16 | 10°18 | 23°52 | 26°28 | 21°42 | 18°33 | 17°48 | 18°36 | 9°48 | 8°54 | 2°26 | 1°13 | T 14 |
| F 15 | 3 38 23 | 23° 0'28 | 3♐20 | 4°22 | 11°33 | 24°37 | 26°33 | 21°37 | 18°31 | 17°50 | 18°36 | 9°47 | 8°51 | 2°32 | 1°19 | F 15 |
| S 16 | 3 42 19 | 24° 0'44 | 15° 8 | 5°34 | 12°48 | 25°22 | 26°38 | 21°32 | 18°28 | 17°52 | 18°36 | 9°46 | 8°48 | 2°39 | 1°25 | S 16 |
| S 17 | 3 46 16 | 25° 1'00 | 26°58 | 6°49 | 14° 3 | 26° 7 | 26°43 | 21°27 | 18°26 | 17°53 | 18°36 | 9°43 | 8°45 | 2°46 | 1°31 | S 17 |
| M18 | 3 50 12 | 26° 1'19 | 8♑53 | 8° 8 | 15°17 | 26°52 | 26°48 | 21°23 | 18°23 | 17°55 | 18°36 | 9°41 | 8°42 | 2°52 | 1°37 | M18 |
| T 19 | 3 54 9 | 27° 1'38 | 20°55 | 9°30 | 16°32 | 27°37 | 26°53 | 21°18 | 18°21 | 17°57 | 18°R36 | 9°38 | 8°38 | 2°59 | 1°43 | T 19 |
| W20 | 3 58 6 | 28° 2'00 | 3♒ 9 | 10°54 | 17°47 | 28°23 | 26°57 | 21°13 | 18°19 | 17°59 | 18°36 | 9°36 | 8°35 | 3° 6 | 1°49 | W20 |
| T 21 | 4 2 2 | 29° 2'22 | 15°36 | 12°20 | 19° 2 | 29° 8 | 27° 2 | 21° 8 | 18°16 | 18° 1 | 18°36 | 9°34 | 8°32 | 3°12 | 1°55 | T 21 |
| F 22 | 4 5 59 | 0♐ 2'46 | 28°22 | 13°48 | 20°16 | 29°53 | 27° 6 | 21° 3 | 18°14 | 18° 3 | 18°36 | 9°D34 | 8°29 | 3°19 | 2° 1 | F 22 |
| S 23 | 4 9 55 | 1° 3'11 | 11♓29 | 15°17 | 21°31 | 0♒39 | 27°10 | 20°59 | 18°11 | 18° 4 | 18°36 | 9°34 | 8°26 | 3°26 | 2° 7 | S 23 |
| S 24 | 4 13 52 | 2° 3'38 | 25° 0 | 16°48 | 22°46 | 1°24 | 27°14 | 20°54 | 18° 9 | 18° 6 | 18°36 | 9°35 | 8°23 | 3°32 | 2°13 | S 24 |
| M25 | 4 17 48 | 3° 4'06 | 8♈59 | 18°19 | 24° 1 | 2°10 | 27°17 | 20°49 | 18° 7 | 18° 8 | 18°36 | 9°37 | 8°19 | 3°39 | 2°19 | M25 |
| T 26 | 4 21 45 | 4° 4'35 | 23°23 | 19°51 | 25°15 | 2°55 | 27°21 | 20°45 | 18° 4 | 18° 9 | 18°36 | 9°38 | 8°16 | 3°46 | 2°26 | T 26 |
| W27 | 4 25 41 | 5° 5'05 | 8♉11 | 21°24 | 26°30 | 3°41 | 27°24 | 20°40 | 18° 2 | 18°11 | 18°36 | 9°R39 | 8°13 | 3°52 | 2°32 | W27 |
| T 28 | 4 29 38 | 6° 5'37 | 23°17 | 22°57 | 27°45 | 4°26 | 27°27 | 20°35 | 18° 0 | 18°13 | 18°35 | 9°38 | 8°10 | 3°59 | 2°38 | T 28 |
| F 29 | 4 33 35 | 7° 6'10 | 8♊32 | 24°30 | 28°59 | 5°12 | 27°30 | 20°31 | 17°57 | 18°14 | 18°35 | 9°36 | 8° 7 | 4° 6 | 2°44 | F 29 |
| S 30 | 4 37 31 | 8♐ 6'45 | 23♊47 | 26♏ 4 | 0♑14 | 5♒58 | 27♌33 | 20♉26 | 17♉55 | 18♎16 | 18♌35 | 9♏33 | 8♏ 4 | 4♐12 | 2♑51 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s28 | 18n22 | 1s53 | 11s51 | 0n 8 | 18s37 | 0n 9 | 24s21 | 1s45 | 13n42 | 0n37 | 15n58 | 2s32 | 17n 5 | 0s23 | 5s27 | 1n27 | 21n 7 | 6n12 | 14s42 | 14s39 | 18s28 | 17s20 | 6n 3 |
| S 2 | 14 47 | 19 31 | 3 6 | 11 14 | 0 27 | 18 57 | 0 6 | 24 16 | 1 44 | 13 40 | 0 37 | 15 56 | 2 32 | 17 4 | 0 23 | 5 28 | 1 27 | 21 7 | 6 12 | 14 42 | 14 38 | 18 28 | 17 20 | 6 3 |
| S 3 | 15 5 | 19 17 | 4 6 | 10 42 | 0 45 | 19 17 | 0 4 | 24 10 | 1 44 | 13 38 | 0 37 | 15 55 | 2 32 | 17 4 | 0 23 | 5 29 | 1 27 | 21 7 | 6 12 | 14 42 | 14 37 | 18 29 | 17 20 | 6 2 |
| M 4 | 15 24 | 17 47 | 4 48 | 10 15 | 1 2 | 19 37 | 0 1 | 24 5 | 1 43 | 13 36 | 0 37 | 15 54 | 2 32 | 17 3 | 0 23 | 5 30 | 1 27 | 21 8 | 6 13 | 14 42 | 14 36 | 18 29 | 17 21 | 6 2 |
| T 5 | 15 42 | 15 15 | 5 12 | 9 53 | 1 17 | 19 55 | 0s 1 | 23 59 | 1 43 | 13 34 | 0 37 | 15 53 | 2 32 | 17 2 | 0 23 | 5 30 | 1 27 | 21 8 | 6 13 | 14 42 | 14 35 | 18 30 | 17 21 | 6 2 |
| W 6 | 16 0 | 11 56 | 5 18 | 9 36 | 1 30 | 20 14 | 0 4 | 23 52 | 1 42 | 13 32 | 0 38 | 15 52 | 2 32 | 17 2 | 0 23 | 5 31 | 1 27 | 21 8 | 6 13 | 14 42 | 14 34 | 18 30 | 17 21 | 6 1 |
| T 7 | 16 18 | 8 6 | 5 6 | 9 26 | 1 41 | 20 32 | 0 6 | 23 46 | 1 42 | 13 30 | 0 38 | 15 50 | 2 32 | 17 1 | 0 23 | 5 32 | 1 27 | 21 8 | 6 13 | 14 42 | 14 33 | 18 31 | 17 22 | 6 1 |
| F 8 | 16 35 | 4 0 | 4 39 | 9 21 | 1 51 | 20 49 | 0 9 | 23 39 | 1 41 | 13 28 | 0 38 | 15 49 | 2 32 | 17 0 | 0 23 | 5 33 | 1 27 | 21 8 | 6 14 | 14 42 | 14 32 | 18 32 | 17 22 | 6 1 |
| S 9 | 16 52 | 0s12 | 3 58 | 9 21 | 1 59 | 21 6 | 0 11 | 23 32 | 1 41 | 13 26 | 0 38 | 15 48 | 2 32 | 17 0 | 0 23 | 5 33 | 1 27 | 21 8 | 6 14 | 14 42 | 14 31 | 18 32 | 17 22 | 6 1 |
| S 10 | 17 9 | 4 19 | 3 8 | 9 26 | 2 5 | 21 22 | 0 14 | 23 25 | 1 40 | 13 24 | 0 38 | 15 47 | 2 32 | 16 59 | 0 23 | 5 34 | 1 27 | 21 8 | 6 14 | 14 43 | 14 30 | 18 33 | 17 22 | 6 0 |
| M11 | 17 26 | 8 11 | 2 10 | 9 36 | 2 9 | 21 37 | 0 16 | 23 17 | 1 40 | 13 22 | 0 39 | 15 46 | 2 32 | 16 58 | 0 23 | 5 35 | 1 27 | 21 8 | 6 14 | 14 43 | 14 29 | 18 33 | 17 23 | 6 0 |
| T 12 | 17 42 | 11 42 | 1 6 | 9 50 | 2 13 | 21 52 | 0 19 | 23 9 | 1 39 | 13 20 | 0 39 | 15 44 | 2 32 | 16 58 | 0 23 | 5 36 | 1 27 | 21 9 | 6 15 | 14 43 | 14 28 | 18 34 | 17 23 | 6 0 |
| W13 | 17 58 | 14 42 | 0 1 | 10 7 | 2 15 | 22 6 | 0 22 | 23 1 | 1 39 | 13 18 | 0 39 | 15 43 | 2 32 | 16 57 | 0 23 | 5 36 | 1 28 | 21 9 | 6 15 | 14 43 | 14 27 | 18 34 | 17 23 | 6 0 |
| T 14 | 18 13 | 17 4 | 1n 5 | 10 27 | 2 15 | 22 20 | 0 24 | 22 53 | 1 38 | 13 17 | 0 39 | 15 42 | 2 32 | 16 56 | 0 23 | 5 37 | 1 28 | 21 9 | 6 15 | 14 43 | 14 26 | 18 35 | 17 23 | 5 59 |
| F 15 | 18 29 | 18 42 | 2 7 | 10 50 | 2 15 | 22 33 | 0 27 | 22 45 | 1 38 | 13 15 | 0 40 | 15 41 | 2 32 | 16 56 | 0 23 | 5 38 | 1 28 | 21 9 | 6 15 | 14 43 | 14 25 | 18 35 | 17 23 | 5 59 |
| S 16 | 18 44 | 19 31 | 3 4 | 11 14 | 2 14 | 22 45 | 0 29 | 22 36 | 1 37 | 13 14 | 0 40 | 15 40 | 2 32 | 16 55 | 0 23 | 5 38 | 1 28 | 21 9 | 6 16 | 14 42 | 14 24 | 18 36 | 17 23 | 5 59 |
| S 17 | 18 58 | 19 28 | 3 52 | 11 41 | 2 12 | 22 57 | 0 32 | 22 27 | 1 36 | 13 12 | 0 40 | 15 38 | 2 32 | 16 54 | 0 23 | 5 39 | 1 28 | 21 10 | 6 16 | 14 41 | 14 23 | 18 36 | 17 24 | 5 59 |
| M18 | 19 13 | 18 34 | 4 32 | 12 9 | 2 9 | 23 8 | 0 34 | 22 18 | 1 36 | 13 11 | 0 40 | 15 37 | 2 32 | 16 54 | 0 23 | 5 40 | 1 28 | 21 10 | 6 16 | 14 41 | 14 22 | 18 37 | 17 24 | 5 58 |
| T 19 | 19 27 | 16 49 | 4 59 | 12 38 | 2 5 | 23 18 | 0 37 | 22 8 | 1 35 | 13 9 | 0 40 | 15 36 | 2 31 | 16 53 | 0 23 | 5 40 | 1 28 | 21 10 | 6 16 | 14 40 | 14 21 | 18 37 | 17 24 | 5 58 |
| W20 | 19 40 | 14 19 | 5 14 | 13 8 | 2 1 | 23 28 | 0 39 | 21 59 | 1 35 | 13 8 | 0 41 | 15 35 | 2 31 | 16 52 | 0 23 | 5 41 | 1 28 | 21 10 | 6 17 | 14 39 | 14 20 | 18 37 | 17 24 | 5 58 |
| T 21 | 19 54 | 11 7 | 5 14 | 13 39 | 1 56 | 23 37 | 0 41 | 21 49 | 1 34 | 13 7 | 0 41 | 15 34 | 2 31 | 16 52 | 0 23 | 5 42 | 1 28 | 21 10 | 6 17 | 14 39 | 14 19 | 18 38 | 17 24 | 5 58 |
| F 22 | 20 7 | 7 20 | 4 59 | 14 10 | 1 51 | 23 45 | 0 44 | 21 39 | 1 33 | 13 5 | 0 41 | 15 33 | 2 31 | 16 51 | 0 23 | 5 42 | 1 28 | 21 11 | 6 17 | 14 38 | 14 18 | 18 38 | 17 24 | 5 58 |
| S 23 | 20 19 | 3 6 | 4 28 | 14 42 | 1 46 | 23 53 | 0 46 | 21 28 | 1 33 | 13 4 | 0 41 | 15 32 | 2 31 | 16 50 | 0 23 | 5 43 | 1 28 | 21 11 | 6 17 | 14 39 | 14 17 | 18 39 | 17 24 | 5 57 |
| S 24 | 20 31 | 1n25 | 3 42 | 15 13 | 1 40 | 24 0 | 0 49 | 21 18 | 1 32 | 13 3 | 0 42 | 15 30 | 2 31 | 16 50 | 0 23 | 5 44 | 1 28 | 21 11 | 6 17 | 14 39 | 14 16 | 18 39 | 17 24 | 5 57 |
| M25 | 20 43 | 6 1 | 2 41 | 15 44 | 1 34 | 24 6 | 0 51 | 21 7 | 1 32 | 13 2 | 0 42 | 15 29 | 2 31 | 16 49 | 0 23 | 5 44 | 1 28 | 21 12 | 6 18 | 14 39 | 14 15 | 18 40 | 17 24 | 5 57 |
| T 26 | 20 55 | 10 26 | 1 28 | 16 15 | 1 28 | 24 11 | 0 53 | 20 56 | 1 31 | 13 1 | 0 42 | 15 28 | 2 31 | 16 48 | 0 23 | 5 45 | 1 28 | 21 12 | 6 18 | 14 40 | 14 14 | 18 40 | 17 25 | 5 57 |
| W27 | 21 6 | 14 20 | 0 8 | 16 46 | 1 21 | 24 16 | 0 56 | 20 45 | 1 30 | 13 0 | 0 42 | 15 27 | 2 31 | 16 48 | 0 23 | 5 45 | 1 28 | 21 12 | 6 18 | 14 40 | 14 13 | 18 41 | 17 25 | 5 57 |
| T 28 | 21 16 | 17 21 | 1s14 | 17 16 | 1 14 | 24 20 | 0 58 | 20 33 | 1 30 | 13 0 | 0 42 | 15 26 | 2 31 | 16 47 | 0 23 | 5 46 | 1 28 | 21 12 | 6 18 | 14 40 | 14 12 | 18 41 | 17 25 | 5 57 |
| F 29 | 21 27 | 19 10 | 2 32 | 17 45 | 1 8 | 24 23 | 1 0 | 20 22 | 1 29 | 12 59 | 0 43 | 15 25 | 2 30 | 16 47 | 0 23 | 5 47 | 1 28 | 21 13 | 6 19 | 14 39 | 14 11 | 18 42 | 17 25 | 5 57 |
| S 30 | 21s36 | 19n35 | 3s39 | 18s14 | 1n 1 | 24s25 | 1s 2 | 20s10 | 1s28 | 12n58 | 0n43 | 15n24 | 2s30 | 16n46 | 0s23 | 5s47 | 1n28 | 21n13 | 6n19 | 14s38 | 14s10 | 18s42 | 17s25 | 5n56 |

Julian Day Number = 2612921.5, Delta T = 10m44s
Ecliptic obliquity = 23°22'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'04, Lahiri = 30°02'05


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# ASTRODIENST EPHEMERIS for the year 2441
# geocentric

## DECEMBER 2441 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 41 28 | 9♐ 7'21 | 8♋52 | 27♏38 | 1♑29 | 6♒43 | 27♌35 | 20°R22 | 17°R53 | 18♎18 | 18°R35 | 9°R29 | 8♏ 0 | 4♐19 | 2♑57 | S 1 |
| M 2 | 4 45 24 | 10° 7'59 | 23°36 | 29°12 | 2°43 | 7°29 | 27°37 | 20♉17 | 17♉50 | 18°19 | 18♌34 | 9♏24 | 7°57 | 4°26 | 3° 4 | M 2 |
| T 3 | 4 49 21 | 11° 8'38 | 7♌55 | 0♐46 | 3°58 | 8°15 | 27°40 | 20°13 | 17°48 | 18°21 | 18°34 | 9°20 | 7°54 | 4°32 | 3°10 | T 3 |
| W 4 | 4 53 17 | 12° 9'19 | 21°45 | 2°20 | 5°13 | 9° 1 | 27°42 | 20° 9 | 17°46 | 18°22 | 18°33 | 9°17 | 7°51 | 4°39 | 3°16 | W 4 |
| T 5 | 4 57 14 | 13°10'02 | 5♍ 6 | 3°54 | 6°27 | 9°47 | 27°43 | 20° 4 | 17°44 | 18°24 | 18°33 | 9°15 | 7°48 | 4°46 | 3°23 | T 5 |
| F 6 | 5 1 10 | 14°10'46 | 18° 1 | 5°28 | 7°42 | 10°33 | 27°45 | 20° 0 | 17°42 | 18°25 | 18°33 | 9°D15 | 7°44 | 4°52 | 3°29 | F 6 |
| S 7 | 5 5 7 | 15°11'31 | 0♎34 | 7° 3 | 8°57 | 11°19 | 27°46 | 19°56 | 17°40 | 18°26 | 18°32 | 9°16 | 7°41 | 4°59 | 3°36 | S 7 |
| S 8 | 5 9 4 | 16°12'18 | 12°49 | 8°37 | 10°11 | 12° 5 | 27°47 | 19°52 | 17°37 | 18°28 | 18°32 | 9°18 | 7°38 | 5° 6 | 3°42 | S 8 |
| M 9 | 5 13 0 | 17°13'07 | 24°51 | 10°11 | 11°26 | 12°51 | 27°48 | 19°48 | 17°35 | 18°29 | 18°31 | 9°19 | 7°35 | 5°12 | 3°49 | M 9 |
| T 10 | 5 16 57 | 18°13'56 | 6♏44 | 11°45 | 12°41 | 13°37 | 27°49 | 19°44 | 17°33 | 18°31 | 18°31 | 9°R20 | 7°32 | 5°19 | 3°56 | T 10 |
| W11 | 5 20 53 | 19°14'48 | 18°32 | 13°19 | 13°55 | 14°23 | 27°50 | 19°40 | 17°31 | 18°32 | 18°30 | 9°20 | 7°29 | 5°25 | 4° 2 | W11 |
| T 12 | 5 24 50 | 20°15'40 | 0♐19 | 14°53 | 15°10 | 15° 9 | 27°50 | 19°36 | 17°29 | 18°33 | 18°29 | 9°17 | 7°25 | 5°32 | 4° 9 | T 12 |
| F 13 | 5 28 46 | 21°16'34 | 12° 7 | 16°27 | 16°25 | 15°55 | 27°50 | 19°33 | 17°27 | 18°34 | 18°29 | 9°13 | 7°22 | 5°39 | 4°15 | F 13 |
| S 14 | 5 32 43 | 22°17'28 | 23°59 | 18° 2 | 17°39 | 16°42 | 27°R51 | 19°29 | 17°26 | 18°36 | 18°28 | 9° 6 | 7°19 | 5°45 | 4°22 | S 14 |
| S 15 | 5 36 39 | 23°18'24 | 5♑56 | 19°36 | 18°54 | 17°28 | 27°50 | 19°25 | 17°24 | 18°37 | 18°27 | 8°58 | 7°16 | 5°52 | 4°29 | S 15 |
| M16 | 5 40 36 | 24°19'21 | 18° 0 | 21°10 | 20° 8 | 18°14 | 27°50 | 19°22 | 17°22 | 18°38 | 18°27 | 8°49 | 7°13 | 5°59 | 4°35 | M16 |
| T 17 | 5 44 33 | 25°20'18 | 0♒12 | 22°44 | 21°23 | 19° 0 | 27°49 | 19°18 | 17°20 | 18°39 | 18°26 | 8°40 | 7°10 | 6° 5 | 4°42 | T 17 |
| W18 | 5 48 29 | 26°21'16 | 12°33 | 24°18 | 22°37 | 19°47 | 27°49 | 19°15 | 17°18 | 18°40 | 18°25 | 8°32 | 7° 6 | 6°12 | 4°49 | W18 |
| T 19 | 5 52 26 | 27°22'15 | 25° 6 | 25°52 | 23°52 | 20°33 | 27°48 | 19°12 | 17°16 | 18°41 | 18°24 | 8°25 | 7° 3 | 6°19 | 4°55 | T 19 |
| F 20 | 5 56 22 | 28°23'14 | 7♓53 | 27°26 | 25° 7 | 21°19 | 27°46 | 19° 8 | 17°15 | 18°42 | 18°24 | 8°21 | 7° 0 | 6°25 | 5° 2 | F 20 |
| S 21 | 6 0 19 | 29°24'14 | 20°57 | 29° 1 | 26°21 | 22° 6 | 27°45 | 19° 5 | 17°13 | 18°43 | 18°23 | 8°19 | 6°57 | 6°32 | 5° 9 | S 21 |
| S 22 | 6 4 15 | 0♑25'14 | 4♈19 | 0♑35 | 27°36 | 22°52 | 27°43 | 19° 2 | 17°12 | 18°44 | 18°22 | 8°D18 | 6°54 | 6°39 | 5°16 | S 22 |
| M23 | 6 8 12 | 1°26'15 | 18° 3 | 2°10 | 28°50 | 23°39 | 27°42 | 18°59 | 17°10 | 18°45 | 18°21 | 8°19 | 6°50 | 6°45 | 5°22 | M23 |
| T 24 | 6 12 8 | 2°27'16 | 2♉11 | 3°45 | 0♒ 5 | 24°25 | 27°40 | 18°56 | 17° 8 | 18°46 | 18°20 | 8°R20 | 6°47 | 6°52 | 5°29 | T 24 |
| W25 | 6 16 5 | 3°28'18 | 16°40 | 5°19 | 1°19 | 25°12 | 27°38 | 18°54 | 17° 7 | 18°47 | 18°19 | 8°20 | 6°44 | 6°59 | 5°36 | W25 |
| T 26 | 6 20 2 | 4°29'20 | 1♊30 | 6°54 | 2°33 | 25°58 | 27°35 | 18°51 | 17° 5 | 18°48 | 18°18 | 8°18 | 6°41 | 7° 5 | 5°42 | T 26 |
| F 27 | 6 23 58 | 5°30'23 | 16°33 | 8°30 | 3°48 | 26°44 | 27°33 | 18°49 | 17° 4 | 18°49 | 18°18 | 8°13 | 6°38 | 7°12 | 5°49 | F 27 |
| S 28 | 6 27 55 | 6°31'25 | 1♋43 | 10° 5 | 5° 2 | 27°31 | 27°30 | 18°46 | 17° 3 | 18°50 | 18°17 | 8° 6 | 6°35 | 7°19 | 5°56 | S 28 |
| S 29 | 6 31 51 | 7°32'29 | 16°47 | 11°41 | 6°16 | 28°17 | 27°27 | 18°44 | 17° 1 | 18°50 | 18°16 | 7°57 | 6°31 | 7°25 | 6° 3 | S 29 |
| M30 | 6 35 48 | 8°33'33 | 1♌37 | 13°16 | 7°31 | 29° 4 | 27°24 | 18°41 | 17° 0 | 18°51 | 18°15 | 7°47 | 6°28 | 7°32 | 6° 9 | M30 |
| T 31 | 6 39 44 | 9♑34'37 | 16♌ 5 | 14♑52 | 8♒45 | 29♒50 | 27♌21 | 18♉39 | 16♉59 | 18♎52 | 18♌14 | 7♏37 | 6♏25 | 7♐39 | 6♑16 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s46 | 18n36 | 4s30 | 18s43 | 0n54 | 24s27 | 1s 5 | 19s58 | 1s28 | 12n57 | 0n43 | 15n23 | 2s30 | 16n45 | 0s23 | 5s48 | 1n28 | 21n13 | 6n19 | 14s37 | 14s 9 | 18s42 | 17s25 | 5n56 |
| M 2 | 21 55 | 16 22 | 5 1 | 19 10 | 0 47 | 24 28 | 1 7 | 19 45 | 1 27 | 12 57 | 0 43 | 15 22 | 2 30 | 16 45 | 0 23 | 5 48 | 1 28 | 21 14 | 6 19 | 14 35 | 14 8 | 18 43 | 17 25 | 5 56 |
| T 3 | 22 3 | 13 12 | 5 13 | 19 37 | 0 40 | 24 28 | 1 9 | 19 33 | 1 26 | 12 56 | 0 44 | 15 21 | 2 30 | 16 44 | 0 23 | 5 49 | 1 28 | 21 14 | 6 20 | 14 34 | 14 7 | 18 43 | 17 24 | 5 56 |
| W 4 | 22 12 | 9 23 | 5 6 | 20 3 | 0 33 | 24 27 | 1 11 | 19 20 | 1 26 | 12 56 | 0 44 | 15 20 | 2 30 | 16 44 | 0 23 | 5 49 | 1 28 | 21 14 | 6 20 | 14 33 | 14 5 | 18 44 | 17 24 | 5 56 |
| T 5 | 22 19 | 5 14 | 4 42 | 20 28 | 0 25 | 24 26 | 1 13 | 19 7 | 1 25 | 12 55 | 0 44 | 15 19 | 2 29 | 16 43 | 0 22 | 5 50 | 1 28 | 21 15 | 6 20 | 14 33 | 14 4 | 18 44 | 17 24 | 5 56 |
| F 6 | 22 27 | 0 58 | 4 4 | 20 52 | 0 18 | 24 24 | 1 15 | 18 54 | 1 24 | 12 55 | 0 44 | 15 18 | 2 29 | 16 42 | 0 22 | 5 50 | 1 28 | 21 15 | 6 20 | 14 32 | 14 3 | 18 44 | 17 24 | 5 56 |
| S 7 | 22 34 | 3s13 | 3 16 | 21 15 | 0 11 | 24 21 | 1 17 | 18 41 | 1 24 | 12 55 | 0 44 | 15 17 | 2 29 | 16 42 | 0 22 | 5 51 | 1 28 | 21 15 | 6 21 | 14 33 | 14 2 | 18 45 | 17 24 | 5 56 |
| S 8 | 22 40 | 7 12 | 2 20 | 21 37 | 0 4 | 24 18 | 1 19 | 18 27 | 1 23 | 12 55 | 0 45 | 15 16 | 2 29 | 16 41 | 0 22 | 5 51 | 1 29 | 21 16 | 6 21 | 14 33 | 14 1 | 18 45 | 17 24 | 5 56 |
| M 9 | 22 46 | 10 49 | 1 18 | 21 58 | 0s 3 | 24 13 | 1 20 | 18 14 | 1 22 | 12 55 | 0 45 | 15 15 | 2 29 | 16 41 | 0 22 | 5 52 | 1 29 | 21 16 | 6 21 | 14 34 | 14 0 | 18 46 | 17 24 | 5 56 |
| T 10 | 22 52 | 13 57 | 0 14 | 22 18 | 0 9 | 24 8 | 1 22 | 18 0 | 1 22 | 12 54 | 0 45 | 15 14 | 2 29 | 16 40 | 0 22 | 5 52 | 1 29 | 21 17 | 6 21 | 14 34 | 13 59 | 18 46 | 17 24 | 5 56 |
| W11 | 22 57 | 16 30 | 0n50 | 22 37 | 0 16 | 24 3 | 1 24 | 17 46 | 1 21 | 12 54 | 0 45 | 15 13 | 2 28 | 16 40 | 0 22 | 5 53 | 1 29 | 21 17 | 6 21 | 14 34 | 13 58 | 18 46 | 17 24 | 5 56 |
| T 12 | 23 1 | 18 21 | 1 52 | 22 54 | 0 23 | 23 56 | 1 26 | 17 32 | 1 20 | 12 55 | 0 46 | 15 13 | 2 28 | 16 39 | 0 22 | 5 53 | 1 29 | 21 17 | 6 22 | 14 33 | 13 57 | 18 47 | 17 23 | 5 56 |
| F 13 | 23 6 | 19 24 | 2 49 | 23 11 | 0 29 | 23 49 | 1 27 | 17 17 | 1 19 | 12 55 | 0 46 | 15 12 | 2 28 | 16 39 | 0 22 | 5 54 | 1 29 | 21 18 | 6 22 | 14 32 | 13 56 | 18 47 | 17 23 | 5 56 |
| S 14 | 23 9 | 19 37 | 3 38 | 23 26 | 0 36 | 23 41 | 1 29 | 17 3 | 1 19 | 12 55 | 0 46 | 15 11 | 2 28 | 16 38 | 0 22 | 5 54 | 1 29 | 21 18 | 6 22 | 14 30 | 13 55 | 18 48 | 17 23 | 5 56 |
| S 15 | 23 13 | 18 56 | 4 19 | 23 40 | 0 42 | 23 32 | 1 30 | 16 48 | 1 18 | 12 55 | 0 46 | 15 10 | 2 28 | 16 38 | 0 22 | 5 54 | 1 29 | 21 19 | 6 22 | 14 27 | 13 54 | 18 48 | 17 23 | 5 56 |
| M16 | 23 15 | 17 25 | 4 48 | 23 53 | 0 48 | 23 23 | 1 32 | 16 33 | 1 17 | 12 56 | 0 47 | 15 10 | 2 27 | 16 37 | 0 22 | 5 55 | 1 29 | 21 19 | 6 23 | 14 24 | 13 53 | 18 48 | 17 23 | 5 56 |
| T 17 | 23 18 | 15 6 | 5 4 | 24 5 | 0 54 | 23 13 | 1 33 | 16 18 | 1 17 | 12 56 | 0 47 | 15 9 | 2 27 | 16 37 | 0 22 | 5 55 | 1 29 | 21 19 | 6 23 | 14 21 | 13 52 | 18 49 | 17 22 | 5 56 |
| W18 | 23 20 | 12 5 | 5 7 | 24 16 | 1 0 | 23 2 | 1 34 | 16 3 | 1 16 | 12 56 | 0 47 | 15 8 | 2 27 | 16 36 | 0 22 | 5 55 | 1 29 | 21 20 | 6 23 | 14 19 | 13 51 | 18 49 | 17 22 | 5 56 |
| T 19 | 23 21 | 8 29 | 4 55 | 24 25 | 1 6 | 22 51 | 1 36 | 15 47 | 1 15 | 12 57 | 0 47 | 15 8 | 2 27 | 16 36 | 0 22 | 5 56 | 1 29 | 21 20 | 6 23 | 14 17 | 13 50 | 18 50 | 17 22 | 5 56 |
| F 20 | 23 22 | 4 26 | 4 28 | 24 33 | 1 12 | 22 39 | 1 37 | 15 32 | 1 14 | 12 58 | 0 48 | 15 7 | 2 26 | 16 35 | 0 22 | 5 56 | 1 29 | 21 21 | 6 23 | 14 15 | 13 49 | 18 50 | 17 22 | 5 56 |
| S 21 | 23 23 | 0 6 | 3 47 | 24 40 | 1 17 | 22 26 | 1 38 | 15 16 | 1 14 | 12 58 | 0 48 | 15 6 | 2 26 | 16 35 | 0 22 | 5 57 | 1 29 | 21 21 | 6 24 | 14 14 | 13 48 | 18 50 | 17 21 | 5 56 |
| S 22 | 23 23 | 4n21 | 2 53 | 24 45 | 1 22 | 22 13 | 1 39 | 15 0 | 1 13 | 12 59 | 0 48 | 15 6 | 2 26 | 16 34 | 0 22 | 5 57 | 1 29 | 21 22 | 6 24 | 14 14 | 13 47 | 18 51 | 17 21 | 5 56 |
| M23 | 23 22 | 8 43 | 1 47 | 24 49 | 1 27 | 21 58 | 1 40 | 14 44 | 1 12 | 13 0 | 0 48 | 15 5 | 2 26 | 16 34 | 0 22 | 5 57 | 1 29 | 21 22 | 6 24 | 14 15 | 13 46 | 18 51 | 17 21 | 5 56 |
| T 24 | 23 21 | 12 43 | 0 33 | 24 52 | 1 32 | 21 44 | 1 41 | 14 28 | 1 11 | 13 1 | 0 49 | 15 5 | 2 26 | 16 33 | 0 22 | 5 57 | 1 29 | 21 23 | 6 24 | 14 15 | 13 45 | 18 51 | 17 21 | 5 56 |
| W25 | 23 20 | 16 4 | 0s45 | 24 53 | 1 37 | 21 28 | 1 42 | 14 12 | 1 10 | 13 2 | 0 49 | 15 4 | 2 25 | 16 33 | 0 22 | 5 58 | 1 29 | 21 23 | 6 24 | 14 15 | 13 44 | 18 52 | 17 20 | 5 56 |
| T 26 | 23 18 | 18 26 | 2 1 | 24 53 | 1 41 | 21 12 | 1 43 | 13 56 | 1 10 | 13 3 | 0 49 | 15 4 | 2 25 | 16 33 | 0 22 | 5 58 | 1 29 | 21 24 | 6 25 | 14 14 | 13 43 | 18 52 | 17 20 | 5 56 |
| F 27 | 23 16 | 19 33 | 3 10 | 24 51 | 1 45 | 20 56 | 1 43 | 13 39 | 1 9 | 13 4 | 0 49 | 15 3 | 2 25 | 16 32 | 0 22 | 5 58 | 1 30 | 21 24 | 6 25 | 14 13 | 13 42 | 18 52 | 17 19 | 5 56 |
| S 28 | 23 13 | 19 16 | 4 6 | 24 48 | 1 49 | 20 39 | 1 44 | 13 22 | 1 8 | 13 5 | 0 49 | 15 3 | 2 25 | 16 32 | 0 22 | 5 58 | 1 30 | 21 25 | 6 25 | 14 10 | 13 41 | 18 53 | 17 19 | 5 56 |
| S 29 | 23 10 | 17 38 | 4 44 | 24 44 | 1 52 | 20 21 | 1 45 | 13 6 | 1 7 | 13 6 | 0 50 | 15 2 | 2 24 | 16 32 | 0 22 | 5 59 | 1 30 | 21 25 | 6 25 | 14 7 | 13 40 | 18 53 | 17 19 | 5 56 |
| M30 | 23 6 | 14 50 | 5 3 | 24 38 | 1 56 | 20 2 | 1 45 | 12 49 | 1 7 | 13 8 | 0 50 | 15 2 | 2 24 | 16 31 | 0 22 | 5 59 | 1 30 | 21 26 | 6 25 | 14 4 | 13 39 | 18 53 | 17 18 | 5 56 |
| T 31 | 23s 2 | 11n11 | 5s 1 | 24s31 | 1s59 | 19s43 | 1s46 | 12s32 | 1s 6 | 13n 9 | 0n50 | 15n 2 | 2s24 | 16n31 | 0s22 | 5s59 | 1n30 | 21n26 | 6n26 | 14s 1 | 13s38 | 18s54 | 17s18 | 5n56 |

Julian Day Number = 2612951.5, Delta T = 10m45s
Ecliptic obliquity = 23°22'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'08, Lahiri = 30°02'09


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## JANUARY 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 43 41 | 10♑35'42 | 0♍ 4 | 16♑28 | 9♒59 | 0♓37 | 27°R17 | 18°R37 | 16°R58 | 18♎52 | 18°R13 | 7°R29 | 6♏22 | 7♐45 | 6♑23 | W 1 |
| T 2 | 6 47 38 | 11°36'48 | 13°34 | 18° 5 | 11°14 | 1°23 | 27♌14 | 18♉35 | 16♉56 | 18°53 | 18♌12 | 7♏23 | 6°19 | 7°52 | 6°29 | T 2 |
| F 3 | 6 51 34 | 12°37'54 | 26°35 | 19°41 | 12°28 | 2°10 | 27°10 | 18°33 | 16°55 | 18°54 | 18°10 | 7°20 | 6°15 | 7°59 | 6°36 | F 3 |
| S 4 | 6 55 31 | 13°39'01 | 9♎12 | 21°18 | 13°42 | 2°56 | 27° 6 | 18°32 | 16°54 | 18°54 | 18° 9 | 7°D18 | 6°12 | 8° 5 | 6°43 | S 4 |
| S 5 | 6 59 27 | 14°40'08 | 21°27 | 22°55 | 14°56 | 3°43 | 27° 2 | 18°30 | 16°53 | 18°55 | 18° 8 | 7°18 | 6° 9 | 8°12 | 6°49 | S 5 |
| M 6 | 7 3 24 | 15°41'16 | 3♏28 | 24°32 | 16°10 | 4°29 | 26°57 | 18°28 | 16°52 | 18°55 | 18° 7 | 7°R19 | 6° 6 | 8°19 | 6°56 | M 6 |
| T 7 | 7 7 20 | 16°42'24 | 15°19 | 26°10 | 17°25 | 5°16 | 26°53 | 18°27 | 16°51 | 18°56 | 18° 6 | 7°19 | 6° 3 | 8°25 | 7° 3 | T 7 |
| W 8 | 7 11 17 | 17°43'32 | 27° 6 | 27°47 | 18°39 | 6° 2 | 26°48 | 18°26 | 16°51 | 18°56 | 18° 5 | 7°17 | 6° 0 | 8°32 | 7° 9 | W 8 |
| T 9 | 7 15 13 | 18°44'41 | 8♐53 | 29°24 | 19°53 | 6°49 | 26°43 | 18°25 | 16°50 | 18°56 | 18° 4 | 7°12 | 5°56 | 8°39 | 7°16 | T 9 |
| F 10 | 7 19 10 | 19°45'51 | 20°44 | 1♒ 2 | 21° 7 | 7°35 | 26°38 | 18°23 | 16°49 | 18°57 | 18° 2 | 7° 5 | 5°53 | 8°45 | 7°23 | F 10 |
| S 11 | 7 23 7 | 20°47'00 | 2♑42 | 2°39 | 22°21 | 8°22 | 26°33 | 18°22 | 16°48 | 18°57 | 18° 1 | 6°54 | 5°50 | 8°52 | 7°29 | S 11 |
| S 12 | 7 27 3 | 21°48'10 | 14°48 | 4°16 | 23°35 | 9° 8 | 26°28 | 18°22 | 16°48 | 18°57 | 18° 0 | 6°42 | 5°47 | 8°59 | 7°36 | S 12 |
| M13 | 7 31 0 | 22°49'19 | 27° 5 | 5°53 | 24°49 | 9°55 | 26°22 | 18°21 | 16°47 | 18°58 | 17°59 | 6°28 | 5°44 | 9° 5 | 7°42 | M13 |
| T 14 | 7 34 56 | 23°50'28 | 9♒32 | 7°30 | 26° 3 | 10°41 | 26°16 | 18°20 | 16°46 | 18°58 | 17°58 | 6°14 | 5°41 | 9°12 | 7°49 | T 14 |
| W15 | 7 38 53 | 24°51'37 | 22° 9 | 9° 6 | 27°17 | 11°28 | 26°11 | 18°20 | 16°46 | 18°58 | 17°56 | 6° 0 | 5°37 | 9°19 | 7°55 | W15 |
| T 16 | 7 42 49 | 25°52'46 | 4♓58 | 10°41 | 28°30 | 12°14 | 26° 5 | 18°19 | 16°45 | 18°58 | 17°55 | 5°50 | 5°34 | 9°25 | 8° 2 | T 16 |
| F 17 | 7 46 46 | 26°53'55 | 17°57 | 12°16 | 29°44 | 13° 1 | 25°59 | 18°19 | 16°45 | 18°58 | 17°54 | 5°42 | 5°31 | 9°32 | 8° 8 | F 17 |
| S 18 | 7 50 42 | 27°55'02 | 1♈ 8 | 13°49 | 0♓58 | 13°47 | 25°52 | 18°19 | 16°45 | 18°58 | 17°52 | 5°37 | 5°28 | 9°39 | 8°15 | S 18 |
| S 19 | 7 54 39 | 28°56'10 | 14°33 | 15°20 | 2°12 | 14°34 | 25°46 | 18°D18 | 16°44 | 18°58 | 17°51 | 5°34 | 5°25 | 9°45 | 8°21 | S 19 |
| M20 | 7 58 36 | 29°57'17 | 28°12 | 16°50 | 3°25 | 15°20 | 25°39 | 18°18 | 16°44 | 18°R58 | 17°50 | 5°34 | 5°21 | 9°52 | 8°28 | M20 |
| T 21 | 8 2 32 | 0♒58'23 | 12♉ 7 | 18°18 | 4°39 | 16° 7 | 25°33 | 18°19 | 16°44 | 18°58 | 17°48 | 5°34 | 5°18 | 9°59 | 8°34 | T 21 |
| W22 | 8 6 29 | 1°59'28 | 26°18 | 19°43 | 5°52 | 16°53 | 25°26 | 18°19 | 16°44 | 18°58 | 17°47 | 5°33 | 5°15 | 10° 5 | 8°40 | W22 |
| T 23 | 8 10 25 | 3° 0'33 | 10♊45 | 21° 4 | 7° 6 | 17°40 | 25°19 | 18°19 | 16°44 | 18°58 | 17°46 | 5°30 | 5°12 | 10°12 | 8°46 | T 23 |
| F 24 | 8 14 22 | 4° 1'37 | 25°25 | 22°22 | 8°19 | 18°26 | 25°12 | 18°20 | 16°D44 | 18°58 | 17°44 | 5°24 | 5° 9 | 10°19 | 8°53 | F 24 |
| S 25 | 8 18 18 | 5° 2'41 | 10♋11 | 23°35 | 9°33 | 19°12 | 25° 5 | 18°20 | 16°44 | 18°58 | 17°43 | 5°15 | 5° 6 | 10°26 | 8°59 | S 25 |
| S 26 | 8 22 15 | 6° 3'44 | 24°57 | 24°44 | 10°46 | 19°59 | 24°58 | 18°21 | 16°44 | 18°58 | 17°42 | 5° 4 | 5° 2 | 10°32 | 9° 5 | S 26 |
| M27 | 8 26 11 | 7° 4'46 | 9♌34 | 25°46 | 11°59 | 20°45 | 24°51 | 18°22 | 16°44 | 18°57 | 17°40 | 4°51 | 4°59 | 10°39 | 9°11 | M27 |
| T 28 | 8 30 8 | 8° 5'47 | 23°55 | 26°41 | 13°13 | 21°31 | 24°44 | 18°23 | 16°44 | 18°57 | 17°39 | 4°39 | 4°56 | 10°46 | 9°17 | T 28 |
| W29 | 8 34 5 | 9° 6'48 | 7♍53 | 27°29 | 14°26 | 22°18 | 24°36 | 18°24 | 16°44 | 18°57 | 17°38 | 4°28 | 4°53 | 10°52 | 9°24 | W29 |
| T 30 | 8 38 1 | 10° 7'48 | 21°24 | 28° 9 | 15°39 | 23° 4 | 24°29 | 18°25 | 16°44 | 18°57 | 17°36 | 4°20 | 4°50 | 10°59 | 9°30 | T 30 |
| F 31 | 8 41 58 | 11♒ 8'48 | 4♎30 | 28♒39 | 16♓52 | 23♓50 | 24♌21 | 18♉26 | 16♉45 | 18♎56 | 17♌35 | 4♏14 | 4♏47 | 11♐ 6 | 9♑36 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22s57 | 7n 1 | 4s41 | 24s22 | 2s 1 | 19s24 | 1s46 | 12s15 | 1s 5 | 13n10 | 0n50 | 15n 1 | 2s23 | 16n31 | 0s22 | 5s59 | 1n30 | 21n27 | 6n26 | 13s58 | 13s36 | 18s54 | 17s17 | 5n57 |
| T 2 | 22 52 | 2 39 | 4 6 | 24 12 | 2 4 | 19 4 | 1 46 | 11 57 | 1 4 | 13 12 | 0 51 | 15 1 | 2 23 | 16 30 | 0 22 | 6 0 | 1 30 | 21 27 | 6 26 | 13 57 | 13 35 | 18 54 | 17 17 | 5 57 |
| F 3 | 22 47 | 1s42 | 3 19 | 24 1 | 2 6 | 18 43 | 1 46 | 11 40 | 1 3 | 13 13 | 0 51 | 15 1 | 2 23 | 16 30 | 0 22 | 6 0 | 1 30 | 21 28 | 6 26 | 13 55 | 13 34 | 18 54 | 17 17 | 5 57 |
| S 4 | 22 41 | 5 51 | 2 24 | 23 48 | 2 7 | 18 22 | 1 46 | 11 23 | 1 3 | 13 15 | 0 51 | 15 1 | 2 23 | 16 30 | 0 22 | 6 0 | 1 30 | 21 28 | 6 26 | 13 55 | 13 33 | 18 55 | 17 16 | 5 57 |
| S 5 | 22 34 | 9 38 | 1 24 | 23 33 | 2 9 | 18 1 | 1 47 | 11 5 | 1 2 | 13 17 | 0 51 | 15 0 | 2 22 | 16 29 | 0 22 | 6 0 | 1 30 | 21 29 | 6 27 | 13 55 | 13 32 | 18 55 | 17 16 | 5 57 |
| M 6 | 22 28 | 12 58 | 0 21 | 23 17 | 2 9 | 17 39 | 1 46 | 10 47 | 1 1 | 13 18 | 0 52 | 15 0 | 2 22 | 16 29 | 0 22 | 6 0 | 1 30 | 21 29 | 6 27 | 13 55 | 13 31 | 18 55 | 17 15 | 5 57 |
| T 7 | 22 20 | 15 43 | 0n43 | 22 59 | 2 10 | 17 16 | 1 46 | 10 30 | 1 0 | 13 20 | 0 52 | 15 0 | 2 22 | 16 29 | 0 22 | 6 0 | 1 30 | 21 30 | 6 27 | 13 55 | 13 30 | 18 56 | 17 15 | 5 57 |
| W 8 | 22 13 | 17 47 | 1 43 | 22 40 | 2 10 | 16 53 | 1 46 | 10 12 | 0 59 | 13 22 | 0 52 | 15 0 | 2 22 | 16 29 | 0 22 | 6 0 | 1 30 | 21 30 | 6 27 | 13 54 | 13 29 | 18 56 | 17 14 | 5 58 |
| T 9 | 22 4 | 19 6 | 2 39 | 22 20 | 2 9 | 16 29 | 1 46 | 9 54 | 0 59 | 13 24 | 0 52 | 15 0 | 2 21 | 16 29 | 0 22 | 6 0 | 1 30 | 21 31 | 6 27 | 13 53 | 13 28 | 18 56 | 17 14 | 5 58 |
| F 10 | 21 56 | 19 35 | 3 29 | 21 58 | 2 8 | 16 5 | 1 45 | 9 36 | 0 58 | 13 26 | 0 52 | 15 0 | 2 21 | 16 28 | 0 22 | 6 1 | 1 30 | 21 31 | 6 27 | 13 50 | 13 27 | 18 57 | 17 13 | 5 58 |
| S 11 | 21 47 | 19 12 | 4 9 | 21 35 | 2 7 | 15 41 | 1 45 | 9 18 | 0 57 | 13 28 | 0 53 | 15 0 | 2 21 | 16 28 | 0 22 | 6 1 | 1 30 | 21 32 | 6 28 | 13 47 | 13 26 | 18 57 | 17 12 | 5 58 |
| S 12 | 21 37 | 17 56 | 4 39 | 21 10 | 2 5 | 15 16 | 1 44 | 8 59 | 0 56 | 13 30 | 0 53 | 15 0 | 2 20 | 16 28 | 0 22 | 6 1 | 1 30 | 21 32 | 6 28 | 13 43 | 13 25 | 18 57 | 17 12 | 5 58 |
| M13 | 21 27 | 15 50 | 4 57 | 20 44 | 2 2 | 14 51 | 1 44 | 8 41 | 0 55 | 13 32 | 0 53 | 15 0 | 2 20 | 16 28 | 0 22 | 6 1 | 1 30 | 21 33 | 6 28 | 13 38 | 13 24 | 18 57 | 17 11 | 5 59 |
| T 14 | 21 17 | 13 0 | 5 0 | 20 16 | 1 59 | 14 25 | 1 43 | 8 23 | 0 55 | 13 34 | 0 53 | 15 0 | 2 20 | 16 28 | 0 22 | 6 1 | 1 31 | 21 33 | 6 28 | 13 34 | 13 23 | 18 58 | 17 11 | 5 59 |
| W15 | 21 6 | 9 32 | 4 49 | 19 47 | 1 55 | 13 59 | 1 42 | 8 5 | 0 54 | 13 36 | 0 53 | 15 0 | 2 20 | 16 28 | 0 22 | 6 1 | 1 31 | 21 34 | 6 28 | 13 29 | 13 22 | 18 58 | 17 10 | 5 59 |
| T 16 | 20 55 | 5 35 | 4 23 | 19 17 | 1 51 | 13 33 | 1 42 | 7 46 | 0 53 | 13 38 | 0 54 | 15 0 | 2 19 | 16 27 | 0 22 | 6 1 | 1 31 | 21 34 | 6 28 | 13 26 | 13 21 | 18 58 | 17 10 | 5 59 |
| F 17 | 20 44 | 1 19 | 3 43 | 18 46 | 1 46 | 13 6 | 1 41 | 7 28 | 0 52 | 13 40 | 0 54 | 15 1 | 2 19 | 16 27 | 0 22 | 6 1 | 1 31 | 21 35 | 6 28 | 13 23 | 13 20 | 18 58 | 17 9 | 6 0 |
| S 18 | 20 32 | 3n 4 | 2 51 | 18 14 | 1 40 | 12 39 | 1 40 | 7 9 | 0 51 | 13 43 | 0 54 | 15 1 | 2 19 | 16 27 | 0 21 | 6 1 | 1 31 | 21 36 | 6 29 | 13 22 | 13 19 | 18 59 | 17 8 | 6 0 |
| S 19 | 20 19 | 7 23 | 1 49 | 17 41 | 1 33 | 12 12 | 1 38 | 6 50 | 0 51 | 13 45 | 0 54 | 15 1 | 2 18 | 16 27 | 0 21 | 6 1 | 1 31 | 21 36 | 6 29 | 13 21 | 13 18 | 18 59 | 17 8 | 6 0 |
| M20 | 20 7 | 11 25 | 0 39 | 17 7 | 1 26 | 11 44 | 1 37 | 6 32 | 0 50 | 13 47 | 0 54 | 15 1 | 2 18 | 16 27 | 0 21 | 6 1 | 1 31 | 21 37 | 6 29 | 13 21 | 13 17 | 18 59 | 17 7 | 6 0 |
| T 21 | 19 53 | 14 53 | 0s35 | 16 32 | 1 17 | 11 16 | 1 36 | 6 13 | 0 49 | 13 50 | 0 55 | 15 2 | 2 18 | 16 27 | 0 21 | 6 1 | 1 31 | 21 37 | 6 29 | 13 21 | 13 15 | 18 59 | 17 6 | 6 1 |
| W22 | 19 40 | 17 32 | 1 47 | 15 57 | 1 8 | 10 48 | 1 35 | 5 54 | 0 48 | 13 52 | 0 55 | 15 2 | 2 18 | 16 27 | 0 21 | 6 0 | 1 31 | 21 38 | 6 29 | 13 20 | 13 14 | 19 0 | 17 6 | 6 1 |
| T 23 | 19 26 | 19 7 | 2 54 | 15 21 | 0 58 | 10 19 | 1 33 | 5 35 | 0 47 | 13 55 | 0 55 | 15 2 | 2 17 | 16 27 | 0 21 | 6 0 | 1 31 | 21 38 | 6 29 | 13 19 | 13 13 | 19 0 | 17 5 | 6 1 |
| F 24 | 19 12 | 19 27 | 3 51 | 14 46 | 0 47 | 9 51 | 1 32 | 5 17 | 0 46 | 13 57 | 0 55 | 15 3 | 2 17 | 16 27 | 0 21 | 6 0 | 1 31 | 21 39 | 6 29 | 13 17 | 13 12 | 19 0 | 17 4 | 6 1 |
| S 25 | 18 58 | 18 28 | 4 32 | 14 11 | 0 35 | 9 22 | 1 30 | 4 58 | 0 46 | 14 0 | 0 55 | 15 3 | 2 17 | 16 27 | 0 21 | 6 0 | 1 31 | 21 39 | 6 29 | 13 14 | 13 11 | 19 0 | 17 4 | 6 2 |
| S 26 | 18 43 | 16 14 | 4 56 | 13 36 | 0 22 | 8 52 | 1 28 | 4 39 | 0 45 | 14 2 | 0 55 | 15 4 | 2 16 | 16 27 | 0 21 | 6 0 | 1 31 | 21 40 | 6 30 | 13 11 | 13 10 | 19 1 | 17 3 | 6 2 |
| M27 | 18 27 | 13 0 | 4 59 | 13 2 | 0 8 | 8 23 | 1 26 | 4 20 | 0 44 | 14 5 | 0 56 | 15 4 | 2 16 | 16 27 | 0 21 | 6 0 | 1 31 | 21 40 | 6 30 | 13 6 | 13 9 | 19 1 | 17 2 | 6 2 |
| T 28 | 18 12 | 9 3 | 4 44 | 12 29 | 0n 6 | 7 53 | 1 25 | 4 1 | 0 43 | 14 7 | 0 56 | 15 5 | 2 16 | 16 27 | 0 21 | 6 0 | 1 31 | 21 41 | 6 30 | 13 2 | 13 8 | 19 1 | 17 1 | 6 3 |
| W29 | 17 56 | 4 42 | 4 11 | 11 59 | 0 22 | 7 23 | 1 23 | 3 42 | 0 42 | 14 10 | 0 56 | 15 5 | 2 15 | 16 27 | 0 21 | 6 0 | 1 31 | 21 41 | 6 30 | 12 59 | 13 7 | 19 1 | 17 1 | 6 3 |
| T 30 | 17 40 | 0 15 | 3 26 | 11 30 | 0 38 | 6 53 | 1 21 | 3 23 | 0 42 | 14 13 | 0 56 | 15 6 | 2 15 | 16 28 | 0 21 | 5 59 | 1 31 | 21 42 | 6 30 | 12 56 | 13 6 | 19 1 | 17 0 | 6 3 |
| F 31 | 17s23 | 4s 5 | 2s30 | 11s 4 | 0n55 | 6s23 | 1s19 | 3s 4 | 0s41 | 14n15 | 0n56 | 15n 7 | 2s15 | 16n28 | 0s21 | 5s59 | 1n31 | 21n43 | 6n30 | 12s54 | 13s 5 | 19s 2 | 16s59 | 6n 4 |

Julian Day Number = 2612982.5, Delta T = 10m45s
Ecliptic obliquity = 23°22'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'13, Lahiri = 30°02'13


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## FEBRUARY 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 45 54 | 12♒ 9'48 | 17♎10 | 28♒59 | 18♓ 5 | 24♓36 | 24°R13 | 18♉27 | 16♉45 | 18°R56 | 17°R33 | 4°R12 | 4♏43 | 11♐12 | 9♑42 | S 1 |
| S 2 | 8 49 51 | 13°10'46 | 29°30 | 29°R 8 | 19°18 | 25°23 | 24♌ 6 | 18°29 | 16°46 | 18♎55 | 17♌32 | 4°D11 | 4°40 | 11°19 | 9°47 | S 2 |
| M 3 | 8 53 47 | 14°11'45 | 11♏33 | 29° 6 | 20°31 | 26° 9 | 23°58 | 18°30 | 16°46 | 18°55 | 17°31 | 4°R11 | 4°37 | 11°26 | 9°53 | M 3 |
| T 4 | 8 57 44 | 15°12'42 | 23°26 | 28°53 | 21°44 | 26°55 | 23°50 | 18°32 | 16°47 | 18°54 | 17°29 | 4♏10 | 4°34 | 11°32 | 9°59 | T 4 |
| W 5 | 9 1 40 | 16°13'40 | 5♐15 | 28°28 | 22°56 | 27°41 | 23°42 | 18°34 | 16°47 | 18°54 | 17°28 | 4° 9 | 4°31 | 11°39 | 10° 5 | W 5 |
| T 6 | 9 5 37 | 17°14'36 | 17° 3 | 27°52 | 24° 9 | 28°27 | 23°35 | 18°36 | 16°48 | 18°53 | 17°27 | 4° 5 | 4°27 | 11°46 | 10°11 | T 6 |
| F 7 | 9 9 34 | 18°15'32 | 28°57 | 27° 6 | 25°21 | 29°13 | 23°27 | 18°38 | 16°48 | 18°53 | 17°25 | 3°59 | 4°24 | 11°52 | 10°16 | F 7 |
| S 8 | 9 13 30 | 19°16'27 | 11♑ 0 | 26°12 | 26°34 | 29°59 | 23°19 | 18°40 | 16°49 | 18°52 | 17°24 | 3°49 | 4°21 | 11°59 | 10°22 | S 8 |
| S 9 | 9 17 27 | 20°17'21 | 23°15 | 25°10 | 27°46 | 0♈46 | 23°11 | 18°42 | 16°50 | 18°51 | 17°22 | 3°38 | 4°18 | 12° 6 | 10°28 | S 9 |
| M10 | 9 21 23 | 21°18'14 | 5♒44 | 24° 2 | 28°59 | 1°32 | 23° 3 | 18°45 | 16°51 | 18°51 | 17°21 | 3°25 | 4°15 | 12°12 | 10°33 | M10 |
| T 11 | 9 25 20 | 22°19'06 | 18°28 | 22°50 | 0♈11 | 2°18 | 22°55 | 18°47 | 16°52 | 18°50 | 17°20 | 3°11 | 4°12 | 12°19 | 10°39 | T 11 |
| W12 | 9 29 16 | 23°19'58 | 1♓25 | 21°37 | 1°23 | 3° 4 | 22°47 | 18°50 | 16°53 | 18°49 | 17°18 | 2°59 | 4° 8 | 12°26 | 10°44 | W12 |
| T 13 | 9 33 13 | 24°20'47 | 14°35 | 20°25 | 2°35 | 3°50 | 22°39 | 18°52 | 16°54 | 18°48 | 17°17 | 2°49 | 4° 5 | 12°32 | 10°50 | T 13 |
| F 14 | 9 37 9 | 25°21'36 | 27°57 | 19°15 | 3°47 | 4°35 | 22°31 | 18°55 | 16°55 | 18°48 | 17°15 | 2°41 | 4° 2 | 12°39 | 10°55 | F 14 |
| S 15 | 9 41 6 | 26°22'23 | 11♈28 | 18° 9 | 4°59 | 5°21 | 22°23 | 18°58 | 16°56 | 18°47 | 17°14 | 2°37 | 3°59 | 12°46 | 11° 0 | S 15 |
| S 16 | 9 45 3 | 27°23'09 | 25° 8 | 17° 8 | 6°11 | 6° 7 | 22°15 | 19° 1 | 16°57 | 18°46 | 17°13 | 2°35 | 3°56 | 12°52 | 11° 6 | S 16 |
| M17 | 9 48 59 | 28°23'53 | 8♉57 | 16°14 | 7°23 | 6°53 | 22° 7 | 19° 4 | 16°58 | 18°45 | 17°11 | 2°D35 | 3°53 | 12°59 | 11°11 | M17 |
| T 18 | 9 52 56 | 29°24'36 | 22°53 | 15°28 | 8°34 | 7°39 | 21°59 | 19° 7 | 16°59 | 18°44 | 17°10 | 2°R35 | 3°49 | 13° 6 | 11°16 | T 18 |
| W19 | 9 56 52 | 0♓25'17 | 6♊58 | 14°49 | 9°46 | 8°25 | 21°51 | 19°10 | 17° 1 | 18°43 | 17° 8 | 2°35 | 3°46 | 13°12 | 11°21 | W19 |
| T 20 | 10 0 49 | 1°25'57 | 21° 9 | 14°18 | 10°57 | 9°10 | 21°43 | 19°14 | 17° 2 | 18°42 | 17° 7 | 2°34 | 3°43 | 13°19 | 11°26 | T 20 |
| F 21 | 10 4 45 | 2°26'35 | 5♋26 | 13°55 | 12° 9 | 9°56 | 21°36 | 19°17 | 17° 3 | 18°41 | 17° 6 | 2°30 | 3°40 | 13°26 | 11°31 | F 21 |
| S 22 | 10 8 42 | 3°27'11 | 19°46 | 13°40 | 13°20 | 10°42 | 21°28 | 19°21 | 17° 5 | 18°40 | 17° 4 | 2°23 | 3°37 | 13°32 | 11°36 | S 22 |
| S 23 | 10 12 38 | 4°27'45 | 4♌ 3 | 13°33 | 14°31 | 11°27 | 21°20 | 19°24 | 17° 6 | 18°39 | 17° 3 | 2°14 | 3°33 | 13°39 | 11°41 | S 23 |
| M24 | 10 16 35 | 5°28'18 | 18°13 | 13°D32 | 15°42 | 12°13 | 21°13 | 19°28 | 17° 8 | 18°38 | 17° 2 | 2° 5 | 3°30 | 13°46 | 11°45 | M24 |
| T 25 | 10 20 32 | 6°28'49 | 2♍11 | 13°39 | 16°53 | 12°58 | 21° 5 | 19°32 | 17° 9 | 18°37 | 17° 0 | 1°55 | 3°27 | 13°52 | 11°50 | T 25 |
| W26 | 10 24 28 | 7°29'19 | 15°53 | 13°52 | 18° 4 | 13°44 | 20°58 | 19°36 | 17°11 | 18°36 | 16°59 | 1°47 | 3°24 | 13°59 | 11°55 | W26 |
| T 27 | 10 28 25 | 8°29'47 | 29°14 | 14°11 | 19°14 | 14°29 | 20°51 | 19°40 | 17°13 | 18°35 | 16°58 | 1°40 | 3°21 | 14° 6 | 11°59 | T 27 |
| F 28 | 10 32 21 | 9♓30'14 | 12♎13 | 14♒36 | 20♈25 | 15♈15 | 20♌43 | 19♉44 | 17♉14 | 18♎34 | 16♌57 | 1♏36 | 3♏18 | 14♐12 | 12♑ 4 | F 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 6 | 8s 6 | 1s29 | 10s40 | 1n12 | 5s52 | 1s16 | 2s45 | 0s40 | 14n18 | 0n56 | 15n 7 | 2s15 | 16n28 | 0s21 | 5s59 | 1n32 | 21n43 | 6n30 | 12s53 | 13s 4 | 19s 2 | 16s58 | 6n 4 |
| S 2 | 16 49 | 11 39 | 0 25 | 10 21 | 1 30 | 5 22 | 1 14 | 2 26 | 0 39 | 14 21 | 0 57 | 15 8 | 2 14 | 16 28 | 0 21 | 5 59 | 1 32 | 21 44 | 6 30 | 12 53 | 13 3 | 19 2 | 16 58 | 6 5 |
| M 3 | 16 32 | 14 39 | 0n39 | 10 5 | 1 47 | 4 51 | 1 12 | 2 7 | 0 38 | 14 23 | 0 57 | 15 9 | 2 14 | 16 28 | 0 21 | 5 59 | 1 32 | 21 44 | 6 30 | 12 53 | 13 2 | 19 2 | 16 57 | 6 5 |
| T 4 | 16 14 | 16 58 | 1 40 | 9 53 | 2 5 | 4 20 | 1 9 | 1 48 | 0 37 | 14 26 | 0 57 | 15 9 | 2 14 | 16 28 | 0 21 | 5 58 | 1 32 | 21 45 | 6 30 | 12 53 | 13 1 | 19 2 | 16 56 | 6 5 |
| W 5 | 15 56 | 18 33 | 2 37 | 9 46 | 2 22 | 3 49 | 1 7 | 1 29 | 0 37 | 14 29 | 0 57 | 15 10 | 2 13 | 16 28 | 0 21 | 5 58 | 1 32 | 21 45 | 6 31 | 12 52 | 13 0 | 19 3 | 16 55 | 6 6 |
| T 6 | 15 38 | 19 19 | 3 27 | 9 43 | 2 38 | 3 18 | 1 4 | 1 10 | 0 36 | 14 32 | 0 57 | 15 11 | 2 13 | 16 29 | 0 21 | 5 58 | 1 32 | 21 46 | 6 31 | 12 51 | 12 58 | 19 3 | 16 54 | 6 6 |
| F 7 | 15 19 | 19 15 | 4 8 | 9 44 | 2 52 | 2 47 | 1 2 | 0 51 | 0 35 | 14 34 | 0 57 | 15 12 | 2 13 | 16 29 | 0 21 | 5 58 | 1 32 | 21 46 | 6 31 | 12 49 | 12 57 | 19 3 | 16 54 | 6 7 |
| S 8 | 15 0 | 18 18 | 4 38 | 9 50 | 3 6 | 2 16 | 0 59 | 0 32 | 0 34 | 14 37 | 0 57 | 15 13 | 2 13 | 16 29 | 0 21 | 5 57 | 1 32 | 21 47 | 6 31 | 12 46 | 12 56 | 19 3 | 16 53 | 6 7 |
| S 9 | 14 41 | 16 31 | 4 56 | 10 0 | 3 17 | 1 45 | 0 56 | 0 13 | 0 33 | 14 40 | 0 57 | 15 14 | 2 12 | 16 29 | 0 21 | 5 57 | 1 32 | 21 47 | 6 31 | 12 42 | 12 55 | 19 3 | 16 52 | 6 7 |
| M10 | 14 22 | 13 55 | 5 1 | 10 14 | 3 26 | 1 13 | 0 53 | 0n 6 | 0 33 | 14 43 | 0 58 | 15 14 | 2 12 | 16 30 | 0 21 | 5 57 | 1 32 | 21 48 | 6 31 | 12 37 | 12 54 | 19 3 | 16 51 | 6 8 |
| T 11 | 14 2 | 10 38 | 4 51 | 10 30 | 3 33 | 0 42 | 0 50 | 0 25 | 0 32 | 14 45 | 0 58 | 15 15 | 2 12 | 16 30 | 0 21 | 5 56 | 1 32 | 21 48 | 6 31 | 12 33 | 12 53 | 19 4 | 16 50 | 6 8 |
| W12 | 13 42 | 6 48 | 4 26 | 10 50 | 3 38 | 0 10 | 0 47 | 0 44 | 0 31 | 14 48 | 0 58 | 15 16 | 2 11 | 16 30 | 0 21 | 5 56 | 1 32 | 21 49 | 6 31 | 12 29 | 12 52 | 19 4 | 16 49 | 6 9 |
| T 13 | 13 22 | 2 35 | 3 46 | 11 10 | 3 39 | 0n21 | 0 44 | 1 3 | 0 30 | 14 51 | 0 58 | 15 17 | 2 11 | 16 31 | 0 21 | 5 56 | 1 32 | 21 49 | 6 31 | 12 25 | 12 51 | 19 4 | 16 48 | 6 9 |
| F 14 | 13 2 | 1n50 | 2 53 | 11 33 | 3 39 | 0 52 | 0 41 | 1 22 | 0 29 | 14 53 | 0 58 | 15 18 | 2 11 | 16 31 | 0 21 | 5 55 | 1 32 | 21 50 | 6 31 | 12 23 | 12 50 | 19 4 | 16 48 | 6 10 |
| S 15 | 12 42 | 6 13 | 1 50 | 11 55 | 3 36 | 1 24 | 0 38 | 1 41 | 0 28 | 14 56 | 0 58 | 15 19 | 2 11 | 16 31 | 0 21 | 5 55 | 1 32 | 21 50 | 6 31 | 12 21 | 12 49 | 19 4 | 16 47 | 6 10 |
| S 16 | 12 21 | 10 19 | 0 40 | 12 18 | 3 31 | 1 55 | 0 35 | 2 0 | 0 28 | 14 59 | 0 58 | 15 20 | 2 10 | 16 32 | 0 21 | 5 55 | 1 32 | 21 51 | 6 31 | 12 20 | 12 48 | 19 4 | 16 46 | 6 10 |
| M17 | 12 0 | 13 54 | 0s34 | 12 40 | 3 25 | 2 27 | 0 31 | 2 19 | 0 27 | 15 1 | 0 58 | 15 22 | 2 10 | 16 32 | 0 21 | 5 54 | 1 32 | 21 51 | 6 31 | 12 20 | 12 47 | 19 4 | 16 45 | 6 11 |
| T 18 | 11 39 | 16 44 | 1 46 | 13 2 | 3 17 | 2 58 | 0 28 | 2 38 | 0 26 | 15 4 | 0 58 | 15 23 | 2 10 | 16 32 | 0 21 | 5 54 | 1 32 | 21 51 | 6 31 | 12 20 | 12 46 | 19 5 | 16 44 | 6 11 |
| W19 | 11 18 | 18 35 | 2 53 | 13 22 | 3 7 | 3 29 | 0 24 | 2 56 | 0 25 | 15 7 | 0 58 | 15 24 | 2 9 | 16 33 | 0 21 | 5 53 | 1 32 | 21 52 | 6 31 | 12 20 | 12 45 | 19 5 | 16 43 | 6 12 |
| T 20 | 10 56 | 19 16 | 3 49 | 13 41 | 2 57 | 4 0 | 0 21 | 3 15 | 0 24 | 15 9 | 0 58 | 15 25 | 2 9 | 16 33 | 0 21 | 5 53 | 1 33 | 21 52 | 6 31 | 12 20 | 12 43 | 19 5 | 16 42 | 6 12 |
| F 21 | 10 35 | 18 45 | 4 32 | 13 58 | 2 45 | 4 31 | 0 17 | 3 34 | 0 24 | 15 12 | 0 59 | 15 26 | 2 9 | 16 33 | 0 21 | 5 53 | 1 33 | 21 53 | 6 31 | 12 18 | 12 42 | 19 5 | 16 41 | 6 13 |
| S 22 | 10 13 | 17 1 | 4 57 | 14 14 | 2 33 | 5 2 | 0 14 | 3 52 | 0 23 | 15 14 | 0 59 | 15 27 | 2 9 | 16 34 | 0 21 | 5 52 | 1 33 | 21 53 | 6 31 | 12 16 | 12 41 | 19 5 | 16 40 | 6 13 |
| S 23 | 9 51 | 14 16 | 5 5 | 14 28 | 2 21 | 5 33 | 0 10 | 4 11 | 0 22 | 15 17 | 0 59 | 15 29 | 2 8 | 16 34 | 0 21 | 5 52 | 1 33 | 21 54 | 6 31 | 12 13 | 12 40 | 19 5 | 16 40 | 6 14 |
| M24 | 9 29 | 10 41 | 4 53 | 14 40 | 2 8 | 6 4 | 0 6 | 4 29 | 0 21 | 15 19 | 0 59 | 15 30 | 2 8 | 16 35 | 0 21 | 5 51 | 1 33 | 21 54 | 6 31 | 12 10 | 12 39 | 19 5 | 16 39 | 6 14 |
| T 25 | 9 7 | 6 34 | 4 24 | 14 50 | 1 55 | 6 35 | 0 3 | 4 48 | 0 20 | 15 22 | 0 59 | 15 31 | 2 8 | 16 35 | 0 20 | 5 51 | 1 33 | 21 55 | 6 31 | 12 7 | 12 38 | 19 5 | 16 38 | 6 15 |
| W26 | 8 44 | 2 11 | 3 40 | 14 59 | 1 43 | 7 5 | 0n 1 | 5 6 | 0 20 | 15 24 | 0 59 | 15 32 | 2 8 | 16 36 | 0 20 | 5 50 | 1 33 | 21 55 | 6 31 | 12 4 | 12 37 | 19 6 | 16 37 | 6 16 |
| T 27 | 8 22 | 2s13 | 2 45 | 15 6 | 1 30 | 7 36 | 0 5 | 5 24 | 0 19 | 15 26 | 0 59 | 15 34 | 2 7 | 16 36 | 0 20 | 5 50 | 1 33 | 21 55 | 6 31 | 12 1 | 12 36 | 19 6 | 16 36 | 6 16 |
| F 28 | 7s59 | 6s23 | 1s42 | 15s11 | 1n17 | 8n 6 | 0n 9 | 5n43 | 0s18 | 15n29 | 0n59 | 15n35 | 2s 7 | 16n37 | 0s20 | 5s49 | 1n33 | 21n56 | 6n31 | 12s 0 | 12s35 | 19s 6 | 16s35 | 6n17 |

Julian Day Number = 2613013.5, Delta T = 10m45s
Ecliptic obliquity = 23°22'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'17, Lahiri = 30°02'17


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## MARCH 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 36 18 | 10♓30'39 | 24♎52 | 15♒ 5 | 21♈35 | 16♈ 0 | 20°R36 | 19♉48 | 17♉16 | 18°R32 | 16°R55 | 1°R34 | 3♏14 | 14♐19 | 12♑ 8 | S 1 |
| S 2 | 10 40 14 | 11°31'03 | 7♏13 | 15°40 | 22°45 | 16°45 | 20♌29 | 19°52 | 17°18 | 18♎31 | 16♌54 | 1°D34 | 3°11 | 14°26 | 12°13 | S 2 |
| M 3 | 10 44 11 | 12°31'26 | 19°19 | 16°19 | 23°55 | 17°31 | 20°22 | 19°57 | 17°20 | 18°30 | 16°53 | 1♏35 | 3° 8 | 14°32 | 12°17 | M 3 |
| T 4 | 10 48 7 | 13°31'47 | 1♐14 | 17° 2 | 25° 5 | 18°16 | 20°15 | 20° 1 | 17°22 | 18°29 | 16°52 | 1°36 | 3° 5 | 14°39 | 12°21 | T 4 |
| W 5 | 10 52 4 | 14°32'07 | 13° 5 | 17°49 | 26°15 | 19° 1 | 20° 9 | 20° 6 | 17°24 | 18°27 | 16°50 | 1°R37 | 3° 2 | 14°46 | 12°25 | W 5 |
| T 6 | 10 56 0 | 15°32'25 | 24°55 | 18°39 | 27°25 | 19°46 | 20° 2 | 20°10 | 17°26 | 18°26 | 16°49 | 1°36 | 2°58 | 14°52 | 12°29 | T 6 |
| F 7 | 10 59 57 | 16°32'42 | 6♑51 | 19°33 | 28°35 | 20°31 | 19°56 | 20°15 | 17°28 | 18°25 | 16°48 | 1°34 | 2°55 | 14°59 | 12°34 | F 7 |
| S 8 | 11 3 54 | 17°32'58 | 18°57 | 20°30 | 29°44 | 21°17 | 19°49 | 20°20 | 17°30 | 18°23 | 16°47 | 1°30 | 2°52 | 15° 6 | 12°37 | S 8 |
| S 9 | 11 7 50 | 18°33'12 | 1♒16 | 21°29 | 0♉53 | 22° 2 | 19°43 | 20°25 | 17°32 | 18°22 | 16°46 | 1°24 | 2°49 | 15°13 | 12°41 | S 9 |
| M10 | 11 11 47 | 19°33'24 | 13°53 | 22°31 | 2° 2 | 22°47 | 19°37 | 20°30 | 17°34 | 18°21 | 16°44 | 1°17 | 2°46 | 15°19 | 12°45 | M10 |
| T 11 | 11 15 43 | 20°33'35 | 26°47 | 23°36 | 3°11 | 23°32 | 19°31 | 20°35 | 17°36 | 18°19 | 16°43 | 1° 9 | 2°43 | 15°26 | 12°49 | T 11 |
| W12 | 11 19 40 | 21°33'44 | 10♓ 1 | 24°43 | 4°20 | 24°17 | 19°25 | 20°40 | 17°38 | 18°18 | 16°42 | 1° 2 | 2°39 | 15°33 | 12°52 | W12 |
| T 13 | 11 23 36 | 22°33'51 | 23°32 | 25°52 | 5°29 | 25° 1 | 19°19 | 20°45 | 17°41 | 18°16 | 16°41 | 0°56 | 2°36 | 15°39 | 12°56 | T 13 |
| F 14 | 11 27 33 | 23°33'57 | 7♈19 | 27° 3 | 6°37 | 25°46 | 19°14 | 20°50 | 17°43 | 18°15 | 16°40 | 0°52 | 2°33 | 15°46 | 13° 0 | F 14 |
| S 15 | 11 31 29 | 24°34'00 | 21°17 | 28°16 | 7°45 | 26°31 | 19° 9 | 20°56 | 17°45 | 18°13 | 16°39 | 0°50 | 2°30 | 15°53 | 13° 3 | S 15 |
| S 16 | 11 35 26 | 25°34'02 | 5♉23 | 29°31 | 8°54 | 27°16 | 19° 3 | 21° 1 | 17°48 | 18°12 | 16°38 | 0°D50 | 2°27 | 15°59 | 13° 6 | S 16 |
| M17 | 11 39 23 | 26°34'01 | 19°34 | 0♓47 | 10° 2 | 28° 1 | 18°58 | 21° 6 | 17°50 | 18°10 | 16°37 | 0°51 | 2°24 | 16° 6 | 13°10 | M17 |
| T 18 | 11 43 19 | 27°33'59 | 3♊47 | 2° 5 | 11° 9 | 28°45 | 18°53 | 21°12 | 17°53 | 18° 9 | 16°36 | 0°52 | 2°20 | 16°13 | 13°13 | T 18 |
| W19 | 11 47 16 | 28°33'54 | 17°59 | 3°25 | 12°17 | 29°30 | 18°49 | 21°18 | 17°55 | 18° 7 | 16°35 | 0°54 | 2°17 | 16°19 | 13°16 | W19 |
| T 20 | 11 51 12 | 29°33'47 | 2♋ 9 | 4°47 | 13°24 | 0♉15 | 18°44 | 21°23 | 17°58 | 18° 6 | 16°34 | 0°R54 | 2°14 | 16°26 | 13°19 | T 20 |
| F 21 | 11 55 9 | 0♈33'38 | 16°14 | 6°10 | 14°31 | 0°59 | 18°40 | 21°29 | 18° 0 | 18° 4 | 16°33 | 0°53 | 2°11 | 16°33 | 13°22 | F 21 |
| S 22 | 11 59 5 | 1°33'27 | 0♌14 | 7°34 | 15°38 | 1°44 | 18°35 | 21°35 | 18° 3 | 18° 3 | 16°32 | 0°51 | 2° 8 | 16°39 | 13°25 | S 22 |
| S 23 | 12 3 2 | 2°33'13 | 14° 6 | 9° 0 | 16°45 | 2°28 | 18°31 | 21°41 | 18° 5 | 18° 1 | 16°31 | 0°47 | 2° 4 | 16°46 | 13°27 | S 23 |
| M24 | 12 6 58 | 3°32'57 | 27°48 | 10°27 | 17°51 | 3°13 | 18°27 | 21°47 | 18° 8 | 18° 0 | 16°30 | 0°43 | 2° 1 | 16°53 | 13°30 | M24 |
| T 25 | 12 10 55 | 4°32'39 | 11♍17 | 11°56 | 18°58 | 3°57 | 18°24 | 21°53 | 18°11 | 17°58 | 16°29 | 0°39 | 1°58 | 16°59 | 13°33 | T 25 |
| W26 | 12 14 52 | 5°32'19 | 24°33 | 13°26 | 20° 4 | 4°41 | 18°20 | 21°59 | 18°13 | 17°56 | 16°28 | 0°35 | 1°55 | 17° 6 | 13°35 | W26 |
| T 27 | 12 18 48 | 6°31'56 | 7♎34 | 14°57 | 21°10 | 5°25 | 18°17 | 22° 5 | 18°16 | 17°55 | 16°28 | 0°32 | 1°52 | 17°13 | 13°37 | T 27 |
| F 28 | 12 22 45 | 7°31'32 | 20°19 | 16°30 | 22°15 | 6°10 | 18°14 | 22°11 | 18°19 | 17°53 | 16°27 | 0°31 | 1°49 | 17°19 | 13°40 | F 28 |
| S 29 | 12 26 41 | 8°31'06 | 2♏49 | 18° 4 | 23°20 | 6°54 | 18°11 | 22°18 | 18°22 | 17°52 | 16°26 | 0°D31 | 1°45 | 17°26 | 13°42 | S 29 |
| S 30 | 12 30 38 | 9°30'38 | 15° 4 | 19°39 | 24°25 | 7°38 | 18° 8 | 22°24 | 18°25 | 17°50 | 16°25 | 0°31 | 1°42 | 17°33 | 13°44 | S 30 |
| M31 | 12 34 34 | 10♈30'08 | 27♏ 8 | 21♓16 | 25♉30 | 8♉22 | 18♌ 5 | 22♉30 | 18♉28 | 17♎48 | 16♌25 | 0♏33 | 1♏39 | 17♐40 | 13♑46 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s36 | 10s10 | 0s36 | 15s14 | 1n 5 | 8n36 | 0n13 | 6n 1 | 0s17 | 15n31 | 0n59 | 15n36 | 2s 7 | 16n37 | 0s20 | 5s49 | 1n33 | 21n56 | 6n31 | 11s59 | 12s34 | 19s 6 | 16s34 | 6n17 |
| S 2 | 7 14 | 13 24 | 0n30 | 15 16 | 0 52 | 9 6 | 0 17 | 6 19 | 0 17 | 15 33 | 0 59 | 15 38 | 2 7 | 16 38 | 0 20 | 5 48 | 1 33 | 21 57 | 6 31 | 11 59 | 12 33 | 19 6 | 16 33 | 6 18 |
| M 3 | 6 51 | 16 0 | 1 34 | 15 16 | 0 40 | 9 35 | 0 21 | 6 37 | 0 16 | 15 36 | 0 59 | 15 39 | 2 6 | 16 38 | 0 20 | 5 48 | 1 33 | 21 57 | 6 31 | 12 0 | 12 32 | 19 6 | 16 32 | 6 18 |
| T 4 | 6 28 | 17 51 | 2 33 | 15 14 | 0 29 | 10 5 | 0 25 | 6 55 | 0 15 | 15 38 | 0 59 | 15 41 | 2 6 | 16 39 | 0 20 | 5 47 | 1 33 | 21 57 | 6 31 | 12 0 | 12 31 | 19 6 | 16 31 | 6 19 |
| W 5 | 6 4 | 18 55 | 3 25 | 15 11 | 0 17 | 10 34 | 0 29 | 7 13 | 0 14 | 15 40 | 0 59 | 15 42 | 2 6 | 16 39 | 0 20 | 5 47 | 1 33 | 21 58 | 6 31 | 12 0 | 12 29 | 19 6 | 16 30 | 6 19 |
| T 6 | 5 41 | 19 9 | 4 8 | 15 6 | 0 6 | 11 3 | 0 33 | 7 30 | 0 13 | 15 42 | 0 59 | 15 44 | 2 6 | 16 40 | 0 20 | 5 46 | 1 33 | 21 58 | 6 31 | 12 0 | 12 28 | 19 6 | 16 29 | 6 20 |
| F 7 | 5 18 | 18 31 | 4 41 | 14 59 | 0s 4 | 11 32 | 0 38 | 7 48 | 0 13 | 15 44 | 0 59 | 15 45 | 2 5 | 16 41 | 0 20 | 5 46 | 1 33 | 21 58 | 6 31 | 11 59 | 12 27 | 19 6 | 16 28 | 6 21 |
| S 8 | 4 54 | 17 4 | 5 2 | 14 51 | 0 15 | 12 0 | 0 42 | 8 6 | 0 12 | 15 46 | 0 59 | 15 46 | 2 5 | 16 41 | 0 20 | 5 45 | 1 33 | 21 59 | 6 31 | 11 58 | 12 26 | 19 6 | 16 27 | 6 21 |
| S 9 | 4 31 | 14 48 | 5 9 | 14 42 | 0 25 | 12 28 | 0 46 | 8 23 | 0 11 | 15 48 | 0 59 | 15 48 | 2 5 | 16 42 | 0 20 | 5 45 | 1 33 | 21 59 | 6 31 | 11 56 | 12 25 | 19 6 | 16 26 | 6 22 |
| M10 | 4 7 | 11 48 | 5 2 | 14 31 | 0 34 | 12 56 | 0 50 | 8 41 | 0 10 | 15 50 | 0 59 | 15 50 | 2 5 | 16 42 | 0 20 | 5 44 | 1 33 | 21 59 | 6 31 | 11 53 | 12 24 | 19 7 | 16 25 | 6 22 |
| T 11 | 3 44 | 8 10 | 4 39 | 14 18 | 0 43 | 13 24 | 0 55 | 8 58 | 0 10 | 15 52 | 0 59 | 15 51 | 2 4 | 16 43 | 0 20 | 5 44 | 1 33 | 22 0 | 6 31 | 11 51 | 12 23 | 19 7 | 16 25 | 6 23 |
| W12 | 3 20 | 4 4 | 4 1 | 14 4 | 0 52 | 13 51 | 0 59 | 9 15 | 0 9 | 15 54 | 0 59 | 15 53 | 2 4 | 16 44 | 0 20 | 5 43 | 1 33 | 22 0 | 6 31 | 11 48 | 12 22 | 19 7 | 16 24 | 6 24 |
| T 13 | 2 57 | 0n20 | 3 9 | 13 49 | 1 0 | 14 19 | 1 3 | 9 32 | 0 8 | 15 55 | 0 59 | 15 54 | 2 4 | 16 44 | 0 20 | 5 42 | 1 33 | 22 0 | 6 31 | 11 46 | 12 21 | 19 7 | 16 23 | 6 24 |
| F 14 | 2 33 | 4 48 | 2 5 | 13 32 | 1 8 | 14 45 | 1 7 | 9 49 | 0 7 | 15 57 | 0 59 | 15 56 | 2 4 | 16 45 | 0 20 | 5 42 | 1 33 | 22 1 | 6 31 | 11 45 | 12 20 | 19 7 | 16 22 | 6 25 |
| S 15 | 2 9 | 9 5 | 0 52 | 13 14 | 1 16 | 15 12 | 1 12 | 10 6 | 0 7 | 15 59 | 0 59 | 15 57 | 2 3 | 16 46 | 0 20 | 5 41 | 1 33 | 22 1 | 6 31 | 11 44 | 12 19 | 19 7 | 16 21 | 6 25 |
| S 16 | 1 45 | 12 54 | 0s25 | 12 55 | 1 23 | 15 38 | 1 16 | 10 23 | 0 6 | 16 0 | 0 59 | 15 59 | 2 3 | 16 46 | 0 20 | 5 41 | 1 33 | 22 1 | 6 31 | 11 44 | 12 18 | 19 7 | 16 20 | 6 26 |
| M17 | 1 22 | 15 58 | 1 41 | 12 34 | 1 30 | 16 4 | 1 21 | 10 40 | 0 5 | 16 2 | 0 59 | 16 1 | 2 3 | 16 47 | 0 20 | 5 40 | 1 33 | 22 2 | 6 31 | 11 44 | 12 16 | 19 7 | 16 19 | 6 27 |
| T 18 | 0 58 | 18 4 | 2 50 | 12 12 | 1 36 | 16 29 | 1 25 | 10 56 | 0 4 | 16 3 | 0 59 | 16 2 | 2 3 | 16 48 | 0 20 | 5 40 | 1 33 | 22 2 | 6 31 | 11 45 | 12 15 | 19 7 | 16 18 | 6 27 |
| W19 | 0 34 | 19 2 | 3 50 | 11 49 | 1 42 | 16 54 | 1 29 | 11 13 | 0 4 | 16 5 | 0 59 | 16 4 | 2 3 | 16 49 | 0 20 | 5 39 | 1 33 | 22 2 | 6 31 | 11 45 | 12 14 | 19 7 | 16 17 | 6 28 |
| T 20 | 0 10 | 18 47 | 4 35 | 11 24 | 1 48 | 17 19 | 1 34 | 11 29 | 0 3 | 16 6 | 0 59 | 16 6 | 2 2 | 16 49 | 0 20 | 5 38 | 1 33 | 22 2 | 6 31 | 11 46 | 12 13 | 19 7 | 16 16 | 6 29 |
| F 21 | 0n13 | 17 23 | 5 3 | 10 59 | 1 53 | 17 43 | 1 38 | 11 45 | 0 2 | 16 8 | 0 59 | 16 7 | 2 2 | 16 50 | 0 20 | 5 38 | 1 34 | 22 3 | 6 31 | 11 45 | 12 12 | 19 7 | 16 15 | 6 29 |
| S 22 | 0 37 | 14 57 | 5 13 | 10 32 | 1 58 | 18 7 | 1 42 | 12 1 | 0 2 | 16 9 | 0 59 | 16 9 | 2 2 | 16 51 | 0 20 | 5 37 | 1 34 | 22 3 | 6 31 | 11 44 | 12 11 | 19 7 | 16 14 | 6 30 |
| S 23 | 1 1 | 11 41 | 5 5 | 10 4 | 2 2 | 18 30 | 1 47 | 12 17 | 0 1 | 16 10 | 0 59 | 16 11 | 2 2 | 16 51 | 0 20 | 5 36 | 1 34 | 22 3 | 6 31 | 11 43 | 12 10 | 19 7 | 16 13 | 6 31 |
| M24 | 1 24 | 7 50 | 4 39 | 9 34 | 2 6 | 18 53 | 1 51 | 12 33 | 0 0 | 16 11 | 0 59 | 16 12 | 2 2 | 16 52 | 0 20 | 5 36 | 1 34 | 22 3 | 6 31 | 11 42 | 12 9 | 19 7 | 16 12 | 6 31 |
| T 25 | 1 48 | 3 38 | 3 58 | 9 4 | 2 9 | 19 16 | 1 55 | 12 49 | 0n 1 | 16 12 | 0 59 | 16 14 | 2 1 | 16 53 | 0 20 | 5 35 | 1 34 | 22 3 | 6 31 | 11 40 | 12 8 | 19 7 | 16 12 | 6 32 |
| W26 | 2 12 | 0s40 | 3 5 | 8 32 | 2 12 | 19 38 | 2 0 | 13 4 | 0 1 | 16 13 | 0 58 | 16 16 | 2 1 | 16 54 | 0 20 | 5 35 | 1 34 | 22 4 | 6 31 | 11 39 | 12 7 | 19 7 | 16 11 | 6 33 |
| T 27 | 2 35 | 4 53 | 2 3 | 7 59 | 2 15 | 20 0 | 2 4 | 13 20 | 0 2 | 16 14 | 0 58 | 16 18 | 2 1 | 16 55 | 0 20 | 5 34 | 1 34 | 22 4 | 6 31 | 11 38 | 12 6 | 19 7 | 16 10 | 6 33 |
| F 28 | 2 59 | 8 47 | 0 56 | 7 25 | 2 17 | 20 21 | 2 8 | 13 35 | 0 3 | 16 15 | 0 58 | 16 19 | 2 1 | 16 55 | 0 20 | 5 33 | 1 34 | 22 4 | 6 31 | 11 37 | 12 4 | 19 7 | 16 9 | 6 34 |
| S 29 | 3 22 | 12 13 | 0n13 | 6 50 | 2 19 | 20 42 | 2 12 | 13 50 | 0 3 | 16 16 | 0 58 | 16 21 | 2 1 | 16 56 | 0 20 | 5 33 | 1 34 | 22 4 | 6 30 | 11 37 | 12 3 | 19 7 | 16 8 | 6 35 |
| S 30 | 3 46 | 15 3 | 1 20 | 6 14 | 2 20 | 21 2 | 2 17 | 14 5 | 0 4 | 16 17 | 0 58 | 16 23 | 2 0 | 16 57 | 0 20 | 5 32 | 1 34 | 22 4 | 6 30 | 11 38 | 12 2 | 19 7 | 16 7 | 6 35 |
| M31 | 4n 9 | 17s10 | 2n22 | 5s37 | 2s21 | 21n22 | 2n21 | 14n20 | 0n 5 | 16n18 | 0n58 | 16n25 | 2s 0 | 16n58 | 0s20 | 5s31 | 1n34 | 22n 5 | 6n30 | 11s38 | 12s 1 | 19s 7 | 16s 6 | 6n36 |

Julian Day Number = 2613041.5, Delta T = 10m45s
Ecliptic obliquity = 23°22'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'21, Lahiri = 30°02'21


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## APRIL 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 38 31 | 11♈29'37 | 9♐ 4 | 22♓54 | 26♉35 | 9♉ 6 | 18°R 3 | 22♉37 | 18♉30 | 17°R47 | 16°R24 | 0♏34 | 1♏36 | 17♐46 | 13♑48 | T 1 |
| W 2 | 12 42 27 | 12°29'03 | 20°55 | 24°33 | 27°39 | 9°50 | 18♌ 0 | 22°43 | 18°33 | 17♎45 | 16♌23 | 0°36 | 1°33 | 17°53 | 13°50 | W 2 |
| T 3 | 12 46 24 | 13°28'28 | 2♑47 | 26°14 | 28°43 | 10°34 | 17°58 | 22°50 | 18°36 | 17°43 | 16°23 | 0°37 | 1°30 | 18° 0 | 13°52 | T 3 |
| F 4 | 12 50 20 | 14°27'52 | 14°43 | 27°56 | 29°46 | 11°18 | 17°57 | 22°56 | 18°39 | 17°42 | 16°22 | 0°R37 | 1°26 | 18° 6 | 13°54 | F 4 |
| S 5 | 12 54 17 | 15°27'13 | 26°48 | 29°39 | 0♊50 | 12° 2 | 17°55 | 23° 3 | 18°42 | 17°40 | 16°21 | 0°37 | 1°23 | 18°13 | 13°55 | S 5 |
| S 6 | 12 58 14 | 16°26'33 | 9♒ 7 | 1♈24 | 1°53 | 12°46 | 17°53 | 23°10 | 18°45 | 17°38 | 16°21 | 0°36 | 1°20 | 18°20 | 13°57 | S 6 |
| M 7 | 13 2 10 | 17°25'50 | 21°45 | 3°10 | 2°56 | 13°29 | 17°52 | 23°16 | 18°48 | 17°37 | 16°20 | 0°34 | 1°17 | 18°26 | 13°58 | M 7 |
| T 8 | 13 6 7 | 18°25'06 | 4♓43 | 4°57 | 3°58 | 14°13 | 17°51 | 23°23 | 18°51 | 17°35 | 16°20 | 0°32 | 1°14 | 18°33 | 14° 0 | T 8 |
| W 9 | 13 10 3 | 19°24'20 | 18° 4 | 6°46 | 5° 0 | 14°57 | 17°50 | 23°30 | 18°55 | 17°33 | 16°19 | 0°31 | 1°10 | 18°40 | 14° 1 | W 9 |
| T 10 | 13 14 0 | 20°23'33 | 1♈48 | 8°36 | 6° 2 | 15°40 | 17°49 | 23°37 | 18°58 | 17°32 | 16°19 | 0°30 | 1° 7 | 18°46 | 14° 2 | T 10 |
| F 11 | 13 17 56 | 21°22'43 | 15°53 | 10°28 | 7° 3 | 16°24 | 17°49 | 23°44 | 19° 1 | 17°30 | 16°18 | 0°29 | 1° 4 | 18°53 | 14° 3 | F 11 |
| S 12 | 13 21 53 | 22°21'51 | 0♉15 | 12°21 | 8° 4 | 17° 7 | 17°48 | 23°51 | 19° 4 | 17°28 | 16°18 | 0°D29 | 1° 1 | 19° 0 | 14° 4 | S 12 |
| S 13 | 13 25 49 | 23°20'58 | 14°48 | 14°15 | 9° 5 | 17°51 | 17°D48 | 23°58 | 19° 7 | 17°27 | 16°17 | 0°29 | 0°58 | 19° 6 | 14° 5 | S 13 |
| M14 | 13 29 46 | 24°20'02 | 29°27 | 16°11 | 10° 5 | 18°34 | 17°48 | 24° 5 | 19°10 | 17°25 | 16°17 | 0°29 | 0°55 | 19°13 | 14° 6 | M14 |
| T 15 | 13 33 43 | 25°19'04 | 14♊ 5 | 18° 8 | 11° 5 | 19°18 | 17°48 | 24°12 | 19°14 | 17°24 | 16°16 | 0°30 | 0°51 | 19°20 | 14° 6 | T 15 |
| W16 | 13 37 39 | 26°18'04 | 28°37 | 20° 7 | 12° 4 | 20° 1 | 17°49 | 24°19 | 19°17 | 17°22 | 16°16 | 0°30 | 0°48 | 19°27 | 14° 7 | W16 |
| T 17 | 13 41 36 | 27°17'02 | 12♋58 | 22° 7 | 13° 3 | 20°44 | 17°49 | 24°26 | 19°20 | 17°20 | 16°16 | 0°30 | 0°45 | 19°33 | 14° 8 | T 17 |
| F 18 | 13 45 32 | 28°15'57 | 27° 6 | 24° 8 | 14° 2 | 21°28 | 17°50 | 24°33 | 19°23 | 17°19 | 16°16 | 0°R31 | 0°42 | 19°40 | 14° 8 | F 18 |
| S 19 | 13 49 29 | 29°14'50 | 10♌58 | 26°10 | 15° 0 | 22°11 | 17°51 | 24°40 | 19°27 | 17°17 | 16°15 | 0°31 | 0°39 | 19°47 | 14° 8 | S 19 |
| S 20 | 13 53 25 | 0♉13'40 | 24°35 | 28°14 | 15°57 | 22°54 | 17°52 | 24°48 | 19°30 | 17°15 | 16°15 | 0°D30 | 0°35 | 19°53 | 14° 9 | S 20 |
| M21 | 13 57 22 | 1°12'29 | 7♍56 | 0♉18 | 16°54 | 23°37 | 17°54 | 24°55 | 19°33 | 17°14 | 16°15 | 0°31 | 0°32 | 20° 0 | 14° 9 | M21 |
| T 22 | 14 1 18 | 2°11'15 | 21° 2 | 2°24 | 17°51 | 24°20 | 17°55 | 25° 2 | 19°37 | 17°12 | 16°15 | 0°31 | 0°29 | 20° 7 | 14°R 9 | T 22 |
| W23 | 14 5 15 | 3° 9'59 | 3♎53 | 4°30 | 18°47 | 25° 3 | 17°57 | 25°10 | 19°40 | 17°11 | 16°14 | 0°31 | 0°26 | 20°13 | 14° 9 | W23 |
| T 24 | 14 9 12 | 4° 8'41 | 16°32 | 6°37 | 19°42 | 25°46 | 17°59 | 25°17 | 19°43 | 17° 9 | 16°14 | 0°31 | 0°23 | 20°20 | 14° 9 | T 24 |
| F 25 | 14 13 8 | 5° 7'20 | 28°59 | 8°44 | 20°37 | 26°29 | 18° 1 | 25°24 | 19°47 | 17° 8 | 16°14 | 0°R31 | 0°20 | 20°27 | 14° 8 | F 25 |
| S 26 | 14 17 5 | 6° 5'58 | 11♏15 | 10°51 | 21°32 | 27°12 | 18° 3 | 25°32 | 19°50 | 17° 6 | 16°14 | 0°31 | 0°16 | 20°33 | 14° 8 | S 26 |
| S 27 | 14 21 1 | 7° 4'34 | 23°22 | 12°59 | 22°25 | 27°55 | 18° 5 | 25°39 | 19°53 | 17° 4 | 16°14 | 0°31 | 0°13 | 20°40 | 14° 8 | S 27 |
| M28 | 14 24 58 | 8° 3'09 | 5♐21 | 15° 5 | 23°18 | 28°37 | 18° 8 | 25°47 | 19°57 | 17° 3 | 16°D14 | 0°30 | 0°10 | 20°47 | 14° 7 | M28 |
| T 29 | 14 28 54 | 9° 1'41 | 17°14 | 17°11 | 24°11 | 29°20 | 18°11 | 25°54 | 20° 0 | 17° 1 | 16°14 | 0°29 | 0° 7 | 20°53 | 14° 7 | T 29 |
| W30 | 14 32 51 | 10♉ 0'12 | 29♐ 5 | 19♉16 | 25♊ 3 | 0♊ 3 | 18♌14 | 26♉ 2 | 20♉ 4 | 17♎ 0 | 16♌14 | 0♏28 | 0♏ 4 | 21♐ 0 | 14♑ 6 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n32 | 18s30 | 3n17 | 4s58 | 2s21 | 21n42 | 2n25 | 14n35 | 0n 6 | 16n18 | 0n58 | 16n27 | 2s 0 | 16n59 | 0s20 | 5s31 | 1n34 | 22n 5 | 6n30 | 11s39 | 12s 0 | 19s 7 | 16s 5 | 6n37 |
| W 2 | 4 55 | 19 1 | 4 4 | 4 19 | 2 21 | 22 0 | 2 29 | 14 49 | 0 6 | 16 19 | 0 58 | 16 28 | 2 0 | 16 59 | 0 20 | 5 30 | 1 34 | 22 5 | 6 30 | 11 39 | 11 59 | 19 7 | 16 4 | 6 37 |
| T 3 | 5 18 | 18 41 | 4 40 | 3 39 | 2 20 | 22 19 | 2 33 | 15 4 | 0 7 | 16 20 | 0 58 | 16 30 | 2 0 | 17 0 | 0 20 | 5 30 | 1 34 | 22 5 | 6 30 | 11 39 | 11 58 | 19 7 | 16 4 | 6 38 |
| F 4 | 5 41 | 17 32 | 5 4 | 2 57 | 2 19 | 22 37 | 2 37 | 15 18 | 0 8 | 16 20 | 0 58 | 16 32 | 2 0 | 17 1 | 0 20 | 5 29 | 1 34 | 22 5 | 6 30 | 11 40 | 11 57 | 19 7 | 16 3 | 6 39 |
| S 5 | 6 4 | 15 35 | 5 16 | 2 15 | 2 18 | 22 54 | 2 41 | 15 32 | 0 8 | 16 21 | 0 58 | 16 34 | 1 59 | 17 2 | 0 20 | 5 28 | 1 34 | 22 5 | 6 30 | 11 39 | 11 56 | 19 7 | 16 2 | 6 39 |
| S 6 | 6 27 | 12 54 | 5 13 | 1 31 | 2 16 | 23 11 | 2 45 | 15 46 | 0 9 | 16 21 | 0 58 | 16 36 | 1 59 | 17 3 | 0 20 | 5 28 | 1 34 | 22 5 | 6 30 | 11 39 | 11 55 | 19 7 | 16 1 | 6 40 |
| M 7 | 6 50 | 9 34 | 4 55 | 0 47 | 2 13 | 23 27 | 2 49 | 16 0 | 0 10 | 16 21 | 0 58 | 16 37 | 1 59 | 17 4 | 0 20 | 5 27 | 1 34 | 22 5 | 6 30 | 11 39 | 11 53 | 19 7 | 16 0 | 6 41 |
| T 8 | 7 12 | 5 41 | 4 22 | 0 2 | 2 10 | 23 43 | 2 53 | 16 14 | 0 10 | 16 22 | 0 58 | 16 39 | 1 59 | 17 4 | 0 20 | 5 26 | 1 34 | 22 5 | 6 30 | 11 38 | 11 52 | 19 7 | 15 59 | 6 41 |
| W 9 | 7 35 | 1 25 | 3 34 | 0n44 | 2 7 | 23 58 | 2 57 | 16 27 | 0 11 | 16 22 | 0 58 | 16 41 | 1 59 | 17 5 | 0 20 | 5 26 | 1 34 | 22 6 | 6 30 | 11 37 | 11 51 | 19 7 | 15 59 | 6 42 |
| T 10 | 7 57 | 3n 3 | 2 32 | 1 31 | 2 3 | 24 13 | 3 0 | 16 41 | 0 12 | 16 22 | 0 57 | 16 43 | 1 59 | 17 6 | 0 20 | 5 25 | 1 34 | 22 6 | 6 29 | 11 37 | 11 50 | 19 7 | 15 58 | 6 43 |
| F 11 | 8 19 | 7 28 | 1 20 | 2 19 | 1 58 | 24 27 | 3 4 | 16 54 | 0 12 | 16 22 | 0 57 | 16 45 | 1 58 | 17 7 | 0 20 | 5 25 | 1 34 | 22 6 | 6 29 | 11 37 | 11 49 | 19 7 | 15 57 | 6 44 |
| S 12 | 8 41 | 11 33 | 0 1 | 3 8 | 1 53 | 24 41 | 3 8 | 17 7 | 0 13 | 16 22 | 0 57 | 16 47 | 1 58 | 17 8 | 0 20 | 5 24 | 1 34 | 22 6 | 6 29 | 11 37 | 11 48 | 19 7 | 15 56 | 6 44 |
| S 13 | 9 3 | 14 59 | 1s19 | 3 57 | 1 48 | 24 54 | 3 11 | 17 20 | 0 14 | 16 22 | 0 57 | 16 48 | 1 58 | 17 9 | 0 20 | 5 23 | 1 34 | 22 6 | 6 29 | 11 37 | 11 47 | 19 7 | 15 55 | 6 45 |
| M14 | 9 25 | 17 28 | 2 34 | 4 47 | 1 42 | 25 7 | 3 14 | 17 32 | 0 14 | 16 22 | 0 57 | 16 50 | 1 58 | 17 10 | 0 20 | 5 23 | 1 34 | 22 6 | 6 29 | 11 37 | 11 46 | 19 7 | 15 55 | 6 46 |
| T 15 | 9 46 | 18 48 | 3 39 | 5 38 | 1 35 | 25 19 | 3 18 | 17 45 | 0 15 | 16 22 | 0 57 | 16 52 | 1 58 | 17 11 | 0 20 | 5 22 | 1 34 | 22 6 | 6 29 | 11 37 | 11 45 | 19 6 | 15 54 | 6 46 |
| W16 | 10 8 | 18 53 | 4 30 | 6 29 | 1 28 | 25 30 | 3 21 | 17 57 | 0 15 | 16 22 | 0 57 | 16 54 | 1 58 | 17 11 | 0 19 | 5 21 | 1 34 | 22 6 | 6 29 | 11 37 | 11 43 | 19 6 | 15 53 | 6 47 |
| T 17 | 10 29 | 17 44 | 5 3 | 7 21 | 1 21 | 25 41 | 3 24 | 18 9 | 0 16 | 16 21 | 0 57 | 16 56 | 1 58 | 17 12 | 0 19 | 5 21 | 1 34 | 22 6 | 6 29 | 11 37 | 11 42 | 19 6 | 15 52 | 6 48 |
| F 18 | 10 50 | 15 30 | 5 17 | 8 13 | 1 13 | 25 51 | 3 27 | 18 21 | 0 17 | 16 21 | 0 57 | 16 58 | 1 57 | 17 13 | 0 19 | 5 20 | 1 34 | 22 6 | 6 29 | 11 37 | 11 41 | 19 6 | 15 52 | 6 48 |
| S 19 | 11 11 | 12 25 | 5 12 | 9 5 | 1 4 | 26 1 | 3 30 | 18 33 | 0 17 | 16 21 | 0 57 | 17 0 | 1 57 | 17 14 | 0 19 | 5 20 | 1 34 | 22 6 | 6 29 | 11 37 | 11 40 | 19 6 | 15 51 | 6 49 |
| S 20 | 11 31 | 8 44 | 4 50 | 9 57 | 0 55 | 26 10 | 3 33 | 18 44 | 0 18 | 16 20 | 0 57 | 17 1 | 1 57 | 17 15 | 0 19 | 5 19 | 1 34 | 22 6 | 6 29 | 11 37 | 11 39 | 19 6 | 15 50 | 6 50 |
| M21 | 11 52 | 4 40 | 4 12 | 10 50 | 0 46 | 26 19 | 3 36 | 18 56 | 0 19 | 16 20 | 0 57 | 17 3 | 1 57 | 17 16 | 0 19 | 5 18 | 1 34 | 22 6 | 6 28 | 11 37 | 11 38 | 19 6 | 15 49 | 6 51 |
| T 22 | 12 12 | 0 27 | 3 22 | 11 42 | 0 37 | 26 27 | 3 39 | 19 7 | 0 19 | 16 19 | 0 56 | 17 5 | 1 57 | 17 17 | 0 19 | 5 18 | 1 34 | 22 6 | 6 28 | 11 37 | 11 37 | 19 6 | 15 49 | 6 51 |
| W23 | 12 32 | 3s43 | 2 23 | 12 34 | 0 27 | 26 35 | 3 41 | 19 18 | 0 20 | 16 19 | 0 56 | 17 7 | 1 57 | 17 18 | 0 19 | 5 17 | 1 34 | 22 6 | 6 28 | 11 37 | 11 36 | 19 6 | 15 48 | 6 52 |
| T 24 | 12 52 | 7 40 | 1 17 | 13 26 | 0 16 | 26 42 | 3 44 | 19 29 | 0 20 | 16 18 | 0 56 | 17 9 | 1 57 | 17 19 | 0 19 | 5 17 | 1 34 | 22 6 | 6 28 | 11 38 | 11 35 | 19 6 | 15 47 | 6 53 |
| F 25 | 13 12 | 11 13 | 0 9 | 14 17 | 0 6 | 26 48 | 3 46 | 19 40 | 0 21 | 16 17 | 0 56 | 17 11 | 1 57 | 17 20 | 0 19 | 5 16 | 1 34 | 22 6 | 6 28 | 11 38 | 11 34 | 19 6 | 15 47 | 6 53 |
| S 26 | 13 31 | 14 14 | 0n59 | 15 7 | 0n 5 | 26 54 | 3 48 | 19 50 | 0 22 | 16 16 | 0 56 | 17 13 | 1 56 | 17 20 | 0 19 | 5 15 | 1 34 | 22 5 | 6 28 | 11 38 | 11 32 | 19 6 | 15 46 | 6 54 |
| S 27 | 13 50 | 16 34 | 2 3 | 15 57 | 0 16 | 27 0 | 3 50 | 20 0 | 0 22 | 16 16 | 0 56 | 17 14 | 1 56 | 17 21 | 0 19 | 5 15 | 1 34 | 22 5 | 6 28 | 11 37 | 11 31 | 19 5 | 15 45 | 6 55 |
| M28 | 14 9 | 18 10 | 3 1 | 16 45 | 0 26 | 27 5 | 3 52 | 20 10 | 0 23 | 16 15 | 0 56 | 17 16 | 1 56 | 17 22 | 0 19 | 5 14 | 1 34 | 22 5 | 6 28 | 11 37 | 11 30 | 19 5 | 15 45 | 6 55 |
| T 29 | 14 28 | 18 56 | 3 51 | 17 31 | 0 37 | 27 9 | 3 54 | 20 20 | 0 23 | 16 14 | 0 56 | 17 18 | 1 56 | 17 23 | 0 19 | 5 14 | 1 34 | 22 5 | 6 28 | 11 37 | 11 29 | 19 5 | 15 44 | 6 56 |
| W30 | 14n47 | 18s52 | 4n31 | 18n16 | 0n48 | 27n13 | 3n56 | 20n30 | 0n24 | 16n13 | 0n56 | 17n20 | 1s56 | 17n24 | 0s19 | 5s13 | 1n34 | 22n 5 | 6n28 | 11s36 | 11s28 | 19s 5 | 15s44 | 6n57 |

Julian Day Number = 2613072.5, Delta T = 10m46s
Ecliptic obliquity = 23°22'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'25, Lahiri = 30°02'25


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## MAY 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 36 47 | 10♉58'41 | 10♋57 | 21♉20 | 25♊54 | 0♊45 | 18♌17 | 26♉ 9 | 20♉ 7 | 16°R58 | 16♌14 | 0°R26 | 0♏ 1 | 21♐ 7 | 14°R 5 | T 1 |
| F 2 | 14 40 44 | 11°57'08 | 22°53 | 23°22 | 26°44 | 1°28 | 18°20 | 26°17 | 20°11 | 16♎57 | 16°14 | 0♏25 | 29♎57 | 21°14 | 14♑ 5 | F 2 |
| S 3 | 14 44 41 | 12°55'34 | 4♒57 | 25°22 | 27°34 | 2°10 | 18°24 | 26°25 | 20°14 | 16°56 | 16°14 | 0°24 | 29°54 | 21°20 | 14° 4 | S 3 |
| S 4 | 14 48 37 | 13°53'59 | 17°14 | 27°20 | 28°23 | 2°53 | 18°27 | 26°32 | 20°17 | 16°54 | 16°15 | 0°D24 | 29°51 | 21°27 | 14° 3 | S 4 |
| M 5 | 14 52 34 | 14°52'21 | 29°48 | 29°15 | 29°11 | 3°35 | 18°31 | 26°40 | 20°21 | 16°53 | 16°15 | 0°25 | 29°48 | 21°34 | 14° 2 | M 5 |
| T 6 | 14 56 30 | 15°50'42 | 12♓43 | 1♊ 7 | 29°58 | 4°18 | 18°35 | 26°47 | 20°24 | 16°51 | 16°15 | 0°26 | 29°45 | 21°40 | 14° 0 | T 6 |
| W 7 | 15 0 27 | 16°49'02 | 26° 3 | 2°56 | 0♋44 | 5° 0 | 18°39 | 26°55 | 20°28 | 16°50 | 16°15 | 0°27 | 29°41 | 21°47 | 13°59 | W 7 |
| T 8 | 15 4 23 | 17°47'20 | 9♈48 | 4°43 | 1°30 | 5°42 | 18°44 | 27° 3 | 20°31 | 16°49 | 16°15 | 0°28 | 29°38 | 21°54 | 13°58 | T 8 |
| F 9 | 15 8 20 | 18°45'36 | 23°59 | 6°25 | 2°14 | 6°24 | 18°48 | 27°10 | 20°35 | 16°47 | 16°16 | 0°R29 | 29°35 | 22° 0 | 13°56 | F 9 |
| S 10 | 15 12 16 | 19°43'51 | 8♉34 | 8° 4 | 2°58 | 7° 7 | 18°53 | 27°18 | 20°38 | 16°46 | 16°16 | 0°29 | 29°32 | 22° 7 | 13°55 | S 10 |
| S 11 | 15 16 13 | 20°42'05 | 23°25 | 9°40 | 3°40 | 7°49 | 18°57 | 27°26 | 20°42 | 16°44 | 16°16 | 0°28 | 29°29 | 22°14 | 13°53 | S 11 |
| M12 | 15 20 10 | 21°40'16 | 8♊27 | 11°11 | 4°22 | 8°31 | 19° 2 | 27°33 | 20°45 | 16°43 | 16°17 | 0°26 | 29°26 | 22°21 | 13°52 | M12 |
| T 13 | 15 24 6 | 22°38'26 | 23°30 | 12°39 | 5° 3 | 9°13 | 19° 8 | 27°41 | 20°49 | 16°42 | 16°17 | 0°23 | 29°22 | 22°27 | 13°50 | T 13 |
| W14 | 15 28 3 | 23°36'34 | 8♋25 | 14° 3 | 5°42 | 9°55 | 19°13 | 27°49 | 20°52 | 16°41 | 16°17 | 0°20 | 29°19 | 22°34 | 13°48 | W14 |
| T 15 | 15 31 59 | 24°34'40 | 23° 4 | 15°22 | 6°20 | 10°37 | 19°18 | 27°57 | 20°55 | 16°39 | 16°18 | 0°17 | 29°16 | 22°41 | 13°46 | T 15 |
| F 16 | 15 35 56 | 25°32'45 | 7♌24 | 16°38 | 6°57 | 11°19 | 19°24 | 28° 4 | 20°59 | 16°38 | 16°18 | 0°15 | 29°13 | 22°47 | 13°44 | F 16 |
| S 17 | 15 39 52 | 26°30'47 | 21°20 | 17°49 | 7°33 | 12° 1 | 19°30 | 28°12 | 21° 2 | 16°37 | 16°19 | 0°D14 | 29°10 | 22°54 | 13°42 | S 17 |
| S 18 | 15 43 49 | 27°28'47 | 4♍53 | 18°56 | 8° 7 | 12°43 | 19°35 | 28°20 | 21° 6 | 16°36 | 16°19 | 0°14 | 29° 7 | 23° 1 | 13°40 | S 18 |
| M19 | 15 47 45 | 28°26'46 | 18° 4 | 19°58 | 8°40 | 13°24 | 19°41 | 28°28 | 21° 9 | 16°35 | 16°20 | 0°15 | 29° 3 | 23° 7 | 13°38 | M19 |
| T 20 | 15 51 42 | 29°24'42 | 0♎55 | 20°57 | 9°12 | 14° 6 | 19°48 | 28°35 | 21°13 | 16°34 | 16°21 | 0°17 | 29° 0 | 23°14 | 13°35 | T 20 |
| W21 | 15 55 39 | 0♊22'37 | 13°30 | 21°50 | 9°42 | 14°48 | 19°54 | 28°43 | 21°16 | 16°33 | 16°21 | 0°18 | 28°57 | 23°21 | 13°33 | W21 |
| T 22 | 15 59 35 | 1°20'30 | 25°52 | 22°40 | 10°11 | 15°29 | 20° 0 | 28°51 | 21°20 | 16°31 | 16°22 | 0°R19 | 28°54 | 23°27 | 13°31 | T 22 |
| F 23 | 16 3 32 | 2°18'22 | 8♏ 4 | 23°24 | 10°38 | 16°11 | 20° 7 | 28°58 | 21°23 | 16°30 | 16°22 | 0°19 | 28°51 | 23°34 | 13°28 | F 23 |
| S 24 | 16 7 28 | 3°16'12 | 20° 7 | 24° 4 | 11° 3 | 16°53 | 20°14 | 29° 6 | 21°26 | 16°29 | 16°23 | 0°17 | 28°47 | 23°41 | 13°26 | S 24 |
| S 25 | 16 11 25 | 4°14'00 | 2♐ 5 | 24°39 | 11°27 | 17°34 | 20°21 | 29°14 | 21°30 | 16°28 | 16°24 | 0°14 | 28°44 | 23°48 | 13°23 | S 25 |
| M26 | 16 15 21 | 5°11'48 | 13°59 | 25°10 | 11°49 | 18°16 | 20°28 | 29°22 | 21°33 | 16°27 | 16°24 | 0° 9 | 28°41 | 23°54 | 13°20 | M26 |
| T 27 | 16 19 18 | 6° 9'33 | 25°50 | 25°35 | 12° 9 | 18°57 | 20°35 | 29°29 | 21°37 | 16°26 | 16°25 | 0° 3 | 28°38 | 24° 1 | 13°17 | T 27 |
| W28 | 16 23 14 | 7° 7'18 | 7♑42 | 25°56 | 12°27 | 19°38 | 20°42 | 29°37 | 21°40 | 16°26 | 16°26 | 29♎56 | 28°35 | 24° 8 | 13°15 | W28 |
| T 29 | 16 27 11 | 8° 5'01 | 19°35 | 26°12 | 12°44 | 20°20 | 20°49 | 29°45 | 21°43 | 16°25 | 16°27 | 29°50 | 28°32 | 24°14 | 13°12 | T 29 |
| F 30 | 16 31 8 | 9° 2'43 | 1♒33 | 26°24 | 12°58 | 21° 1 | 20°57 | 29°52 | 21°47 | 16°24 | 16°28 | 29°44 | 28°28 | 24°21 | 13° 9 | F 30 |
| S 31 | 16 35 4 | 10♊ 0'25 | 13♒38 | 26♊30 | 13♋10 | 21♊42 | 21♌ 5 | 29♉59 | 21♉50 | 16♎23 | 16♌28 | 29♎39 | 28♎25 | 24♐28 | 13♑ 6 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 5 | 17s58 | 4n59 | 18n59 | 0n58 | 27n16 | 3n57 | 20n40 | 0n25 | 16n12 | 0n56 | 17n22 | 1s56 | 17n25 | 0s19 | 5s13 | 1n34 | 22n 5 | 6n27 | 11s36 | 11s27 | 19s 5 | 15s43 | 6n57 |
| F 2 | 15 23 | 16 17 | 5 14 | 19 41 | 1 9 | 27 19 | 3 58 | 20 49 | 0 25 | 16 11 | 0 56 | 17 24 | 1 56 | 17 26 | 0 19 | 5 12 | 1 34 | 22 5 | 6 27 | 11 35 | 11 26 | 19 5 | 15 42 | 6 58 |
| S 3 | 15 41 | 13 52 | 5 16 | 20 20 | 1 19 | 27 21 | 4 0 | 20 58 | 0 26 | 16 9 | 0 55 | 17 26 | 1 56 | 17 27 | 0 19 | 5 12 | 1 34 | 22 5 | 6 27 | 11 35 | 11 25 | 19 5 | 15 42 | 6 59 |
| S 4 | 15 58 | 10 49 | 5 3 | 20 57 | 1 28 | 27 23 | 4 1 | 21 7 | 0 26 | 16 8 | 0 55 | 17 27 | 1 56 | 17 28 | 0 19 | 5 11 | 1 34 | 22 5 | 6 27 | 11 35 | 11 23 | 19 5 | 15 41 | 6 59 |
| M 5 | 16 16 | 7 12 | 4 36 | 21 31 | 1 37 | 27 24 | 4 2 | 21 15 | 0 27 | 16 7 | 0 55 | 17 29 | 1 56 | 17 29 | 0 19 | 5 10 | 1 34 | 22 4 | 6 27 | 11 35 | 11 22 | 19 4 | 15 41 | 7 0 |
| T 6 | 16 32 | 3 9 | 3 54 | 22 3 | 1 46 | 27 25 | 4 2 | 21 24 | 0 27 | 16 6 | 0 55 | 17 31 | 1 56 | 17 30 | 0 19 | 5 10 | 1 34 | 22 4 | 6 27 | 11 36 | 11 21 | 19 4 | 15 40 | 7 1 |
| W 7 | 16 49 | 1n10 | 2 59 | 22 33 | 1 54 | 27 25 | 4 3 | 21 32 | 0 28 | 16 4 | 0 55 | 17 33 | 1 55 | 17 31 | 0 19 | 5 9 | 1 34 | 22 4 | 6 27 | 11 36 | 11 20 | 19 4 | 15 40 | 7 1 |
| T 8 | 17 6 | 5 35 | 1 52 | 23 0 | 2 1 | 27 25 | 4 3 | 21 40 | 0 29 | 16 3 | 0 55 | 17 35 | 1 55 | 17 32 | 0 19 | 5 9 | 1 34 | 22 4 | 6 27 | 11 36 | 11 19 | 19 4 | 15 39 | 7 2 |
| F 9 | 17 22 | 9 50 | 0 36 | 23 25 | 2 7 | 27 25 | 4 3 | 21 48 | 0 29 | 16 1 | 0 55 | 17 36 | 1 55 | 17 32 | 0 19 | 5 8 | 1 33 | 22 4 | 6 27 | 11 37 | 11 18 | 19 4 | 15 39 | 7 3 |
| S 10 | 17 37 | 13 37 | 0s44 | 23 47 | 2 13 | 27 24 | 4 3 | 21 56 | 0 30 | 16 0 | 0 55 | 17 38 | 1 55 | 17 33 | 0 19 | 5 8 | 1 33 | 22 4 | 6 26 | 11 37 | 11 17 | 19 4 | 15 38 | 7 3 |
| S 11 | 17 53 | 16 36 | 2 3 | 24 7 | 2 18 | 27 22 | 4 3 | 22 3 | 0 30 | 15 58 | 0 55 | 17 40 | 1 55 | 17 34 | 0 19 | 5 7 | 1 33 | 22 3 | 6 26 | 11 36 | 11 16 | 19 4 | 15 38 | 7 4 |
| M12 | 18 8 | 18 28 | 3 14 | 24 24 | 2 22 | 27 20 | 4 2 | 22 11 | 0 31 | 15 57 | 0 55 | 17 42 | 1 55 | 17 35 | 0 19 | 5 7 | 1 33 | 22 3 | 6 26 | 11 36 | 11 15 | 19 3 | 15 37 | 7 4 |
| T 13 | 18 23 | 19 2 | 4 12 | 24 39 | 2 25 | 27 18 | 4 1 | 22 18 | 0 31 | 15 55 | 0 55 | 17 44 | 1 55 | 17 36 | 0 19 | 5 7 | 1 33 | 22 3 | 6 26 | 11 35 | 11 13 | 19 3 | 15 37 | 7 5 |
| W14 | 18 38 | 18 15 | 4 52 | 24 52 | 2 28 | 27 15 | 4 0 | 22 24 | 0 32 | 15 53 | 0 54 | 17 45 | 1 55 | 17 37 | 0 19 | 5 6 | 1 33 | 22 3 | 6 26 | 11 34 | 11 12 | 19 3 | 15 36 | 7 6 |
| T 15 | 18 52 | 16 17 | 5 12 | 25 3 | 2 29 | 27 12 | 3 59 | 22 31 | 0 32 | 15 51 | 0 54 | 17 47 | 1 55 | 17 38 | 0 19 | 5 6 | 1 33 | 22 2 | 6 26 | 11 33 | 11 11 | 19 3 | 15 36 | 7 6 |
| F 16 | 19 6 | 13 21 | 5 12 | 25 11 | 2 29 | 27 9 | 3 57 | 22 37 | 0 33 | 15 50 | 0 54 | 17 49 | 1 55 | 17 39 | 0 19 | 5 5 | 1 33 | 22 2 | 6 26 | 11 32 | 11 10 | 19 3 | 15 36 | 7 7 |
| S 17 | 19 20 | 9 43 | 4 54 | 25 18 | 2 29 | 27 5 | 3 56 | 22 44 | 0 33 | 15 48 | 0 54 | 17 51 | 1 55 | 17 40 | 0 19 | 5 5 | 1 33 | 22 2 | 6 26 | 11 32 | 11 9 | 19 3 | 15 35 | 7 7 |
| S 18 | 19 33 | 5 41 | 4 19 | 25 22 | 2 28 | 27 1 | 3 54 | 22 50 | 0 34 | 15 46 | 0 54 | 17 52 | 1 55 | 17 41 | 0 19 | 5 4 | 1 33 | 22 2 | 6 26 | 11 32 | 11 8 | 19 2 | 15 35 | 7 8 |
| M19 | 19 46 | 1 28 | 3 31 | 25 25 | 2 25 | 26 57 | 3 51 | 22 55 | 0 34 | 15 44 | 0 54 | 17 54 | 1 55 | 17 42 | 0 19 | 5 4 | 1 33 | 22 1 | 6 26 | 11 32 | 11 7 | 19 2 | 15 35 | 7 9 |
| T 20 | 19 58 | 2s44 | 2 34 | 25 26 | 2 22 | 26 52 | 3 49 | 23 1 | 0 35 | 15 42 | 0 54 | 17 56 | 1 55 | 17 43 | 0 19 | 5 4 | 1 33 | 22 1 | 6 25 | 11 33 | 11 6 | 19 2 | 15 34 | 7 9 |
| W21 | 20 11 | 6 43 | 1 31 | 25 25 | 2 17 | 26 47 | 3 46 | 23 6 | 0 35 | 15 40 | 0 54 | 17 58 | 1 55 | 17 43 | 0 19 | 5 3 | 1 33 | 22 1 | 6 25 | 11 33 | 11 4 | 19 2 | 15 34 | 7 10 |
| T 22 | 20 23 | 10 21 | 0 24 | 25 22 | 2 12 | 26 41 | 3 43 | 23 11 | 0 36 | 15 38 | 0 54 | 17 59 | 1 55 | 17 44 | 0 19 | 5 3 | 1 33 | 22 1 | 6 25 | 11 33 | 11 3 | 19 2 | 15 34 | 7 10 |
| F 23 | 20 34 | 13 30 | 0n42 | 25 18 | 2 6 | 26 36 | 3 39 | 23 16 | 0 36 | 15 35 | 0 54 | 18 1 | 1 55 | 17 45 | 0 19 | 5 2 | 1 33 | 22 0 | 6 25 | 11 33 | 11 2 | 19 1 | 15 33 | 7 11 |
| S 24 | 20 45 | 16 1 | 1 46 | 25 13 | 1 58 | 26 30 | 3 35 | 23 21 | 0 37 | 15 33 | 0 54 | 18 3 | 1 54 | 17 46 | 0 19 | 5 2 | 1 33 | 22 0 | 6 25 | 11 33 | 11 1 | 19 1 | 15 33 | 7 11 |
| S 25 | 20 56 | 17 50 | 2 45 | 25 6 | 1 50 | 26 24 | 3 31 | 23 25 | 0 37 | 15 31 | 0 54 | 18 4 | 1 54 | 17 47 | 0 19 | 5 2 | 1 33 | 22 0 | 6 25 | 11 32 | 11 0 | 19 1 | 15 33 | 7 12 |
| M26 | 21 7 | 18 51 | 3 36 | 24 58 | 1 40 | 26 17 | 3 27 | 23 29 | 0 38 | 15 29 | 0 54 | 18 6 | 1 54 | 17 48 | 0 19 | 5 1 | 1 33 | 21 59 | 6 25 | 11 30 | 10 59 | 19 1 | 15 32 | 7 12 |
| T 27 | 21 17 | 19 2 | 4 17 | 24 48 | 1 30 | 26 10 | 3 22 | 23 34 | 0 38 | 15 26 | 0 53 | 18 8 | 1 54 | 17 49 | 0 19 | 5 1 | 1 33 | 21 59 | 6 25 | 11 28 | 10 58 | 19 1 | 15 32 | 7 13 |
| W28 | 21 27 | 18 23 | 4 47 | 24 38 | 1 19 | 26 3 | 3 16 | 23 37 | 0 39 | 15 24 | 0 53 | 18 9 | 1 54 | 17 50 | 0 19 | 5 1 | 1 33 | 21 59 | 6 25 | 11 25 | 10 57 | 19 0 | 15 32 | 7 13 |
| T 29 | 21 36 | 16 55 | 5 5 | 24 26 | 1 6 | 25 56 | 3 11 | 23 41 | 0 39 | 15 22 | 0 53 | 18 11 | 1 54 | 17 51 | 0 19 | 5 0 | 1 33 | 21 58 | 6 25 | 11 23 | 10 55 | 19 0 | 15 32 | 7 14 |
| F 30 | 21 45 | 14 43 | 5 10 | 24 13 | 0 53 | 25 49 | 3 5 | 23 44 | 0 40 | 15 19 | 0 53 | 18 13 | 1 54 | 17 51 | 0 19 | 5 0 | 1 33 | 21 58 | 6 24 | 11 21 | 10 54 | 19 0 | 15 32 | 7 14 |
| S 31 | 21n54 | 11s53 | 5n 1 | 23n59 | 0n39 | 25n41 | 2n58 | 23n47 | 0n40 | 15n17 | 0n53 | 18n14 | 1s54 | 17n52 | 0s19 | 5s 0 | 1n33 | 21n58 | 6n24 | 11s19 | 10s53 | 19s 0 | 15s31 | 7n15 |

Julian Day Number = 2613102.5, Delta T = 10m46s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'29, Lahiri = 30°02'30


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## JUNE 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 39 1 | 10♊58'05 | 25♒54 | 26°R32 | 13♋20 | 22♊23 | 21♌12 | 0♊ 8 | 21♉53 | 16°R22 | 16♌29 | 29°R36 | 28♎22 | 24♐34 | 13°R 3 | S 1 |
| M 2 | 16 42 57 | 11°55'44 | 8♓25 | 26♊29 | 13°28 | 23° 5 | 21°20 | 0°15 | 21°57 | 16♎21 | 16°30 | 29°D35 | 28°19 | 24°41 | 13♑ 0 | M 2 |
| T 3 | 16 46 54 | 12°53'22 | 21°16 | 26°21 | 13°34 | 23°46 | 21°28 | 0°23 | 22° 0 | 16°21 | 16°31 | 29♎35 | 28°16 | 24°48 | 12°56 | T 3 |
| W 4 | 16 50 50 | 13°50'59 | 4♈29 | 26°10 | 13°38 | 24°27 | 21°36 | 0°30 | 22° 3 | 16°20 | 16°32 | 29°36 | 28°13 | 24°55 | 12°53 | W 4 |
| T 5 | 16 54 47 | 14°48'35 | 18° 8 | 25°54 | 13°R39 | 25° 8 | 21°45 | 0°38 | 22° 6 | 16°19 | 16°33 | 29°37 | 28° 9 | 25° 1 | 12°50 | T 5 |
| F 6 | 16 58 43 | 15°46'11 | 2♉14 | 25°35 | 13°38 | 25°49 | 21°53 | 0°46 | 22°10 | 16°19 | 16°34 | 29°R38 | 28° 6 | 25° 8 | 12°47 | F 6 |
| S 7 | 17 2 40 | 16°43'45 | 16°47 | 25°12 | 13°34 | 26°30 | 22° 2 | 0°53 | 22°13 | 16°18 | 16°35 | 29°37 | 28° 3 | 25°15 | 12°43 | S 7 |
| S 8 | 17 6 37 | 17°41'19 | 1♊42 | 24°46 | 13°29 | 27°11 | 22°10 | 1° 1 | 22°16 | 16°17 | 16°36 | 29°33 | 28° 0 | 25°21 | 12°40 | S 8 |
| M 9 | 17 10 33 | 18°38'52 | 16°53 | 24°17 | 13°20 | 27°52 | 22°19 | 1° 8 | 22°19 | 16°17 | 16°37 | 29°28 | 27°57 | 25°28 | 12°36 | M 9 |
| T 10 | 17 14 30 | 19°36'24 | 2♋10 | 23°47 | 13°10 | 28°32 | 22°28 | 1°16 | 22°23 | 16°16 | 16°38 | 29°21 | 27°53 | 25°35 | 12°33 | T 10 |
| W11 | 17 18 26 | 20°33'54 | 17°21 | 23°15 | 12°57 | 29°13 | 22°37 | 1°23 | 22°26 | 16°16 | 16°39 | 29°14 | 27°50 | 25°41 | 12°29 | W11 |
| T 12 | 17 22 23 | 21°31'24 | 2♌17 | 22°42 | 12°41 | 29°54 | 22°46 | 1°31 | 22°29 | 16°15 | 16°40 | 29° 7 | 27°47 | 25°48 | 12°26 | T 12 |
| F 13 | 17 26 19 | 22°28'52 | 16°50 | 22° 8 | 12°24 | 0♋35 | 22°55 | 1°38 | 22°32 | 16°15 | 16°41 | 29° 1 | 27°44 | 25°55 | 12°22 | F 13 |
| S 14 | 17 30 16 | 23°26'20 | 0♍55 | 21°35 | 12° 3 | 1°15 | 23° 4 | 1°45 | 22°35 | 16°14 | 16°43 | 28°56 | 27°41 | 26° 2 | 12°18 | S 14 |
| S 15 | 17 34 12 | 24°23'46 | 14°32 | 21° 2 | 11°41 | 1°56 | 23°13 | 1°53 | 22°38 | 16°14 | 16°44 | 28°54 | 27°38 | 26° 8 | 12°14 | S 15 |
| M16 | 17 38 9 | 25°21'11 | 27°43 | 20°31 | 11°17 | 2°37 | 23°23 | 2° 0 | 22°41 | 16°13 | 16°45 | 28°D54 | 27°34 | 26°15 | 12°11 | M16 |
| T 17 | 17 42 6 | 26°18'34 | 10♎30 | 20° 1 | 10°50 | 3°17 | 23°32 | 2° 7 | 22°44 | 16°13 | 16°46 | 28°54 | 27°31 | 26°22 | 12° 7 | T 17 |
| W18 | 17 46 2 | 27°15'57 | 22°57 | 19°34 | 10°22 | 3°58 | 23°42 | 2°15 | 22°47 | 16°13 | 16°47 | 28°R55 | 27°28 | 26°28 | 12° 3 | W18 |
| T 19 | 17 49 59 | 28°13'19 | 5♏10 | 19° 9 | 9°51 | 4°38 | 23°52 | 2°22 | 22°50 | 16°13 | 16°49 | 28°55 | 27°25 | 26°35 | 11°59 | T 19 |
| F 20 | 17 53 55 | 29°10'40 | 17°13 | 18°48 | 9°19 | 5°19 | 24° 2 | 2°29 | 22°53 | 16°12 | 16°50 | 28°53 | 27°22 | 26°42 | 11°55 | F 20 |
| S 21 | 17 57 52 | 0♋ 7'59 | 29° 8 | 18°30 | 8°46 | 5°59 | 24°12 | 2°36 | 22°56 | 16°12 | 16°51 | 28°49 | 27°19 | 26°48 | 11°52 | S 21 |
| S 22 | 18 1 48 | 1° 5'19 | 11♐ 0 | 18°16 | 8°11 | 6°39 | 24°22 | 2°44 | 22°59 | 16°12 | 16°52 | 28°43 | 27°15 | 26°55 | 11°48 | S 22 |
| M23 | 18 5 45 | 2° 2'37 | 22°51 | 18° 6 | 7°35 | 7°20 | 24°32 | 2°51 | 23° 2 | 16°12 | 16°54 | 28°34 | 27°12 | 27° 2 | 11°44 | M23 |
| T 24 | 18 9 41 | 2°59'55 | 4♑43 | 18° 0 | 6°59 | 8° 0 | 24°42 | 2°58 | 23° 5 | 16°12 | 16°55 | 28°23 | 27° 9 | 27° 9 | 11°40 | T 24 |
| W25 | 18 13 38 | 3°57'12 | 16°37 | 17°D59 | 6°22 | 8°40 | 24°52 | 3° 5 | 23° 7 | 16°12 | 16°56 | 28°11 | 27° 6 | 27°15 | 11°36 | W25 |
| T 26 | 18 17 35 | 4°54'29 | 28°35 | 18° 2 | 5°44 | 9°21 | 25° 3 | 3°12 | 23°10 | 16°12 | 16°58 | 27°59 | 27° 3 | 27°22 | 11°32 | T 26 |
| F 27 | 18 21 31 | 5°51'45 | 10♒38 | 18°10 | 5° 6 | 10° 1 | 25°13 | 3°19 | 23°13 | 16°D12 | 16°59 | 27°48 | 26°59 | 27°29 | 11°28 | F 27 |
| S 28 | 18 25 28 | 6°49'01 | 22°49 | 18°22 | 4°29 | 10°41 | 25°23 | 3°26 | 23°16 | 16°12 | 17° 1 | 27°39 | 26°56 | 27°35 | 11°24 | S 28 |
| S 29 | 18 29 24 | 7°46'17 | 5♓10 | 18°40 | 3°52 | 11°21 | 25°34 | 3°32 | 23°18 | 16°12 | 17° 2 | 27°32 | 26°53 | 27°42 | 11°20 | S 29 |
| M30 | 18 33 21 | 8♋43'32 | 17♓43 | 19♊ 1 | 3♋15 | 12♋ 1 | 25♌45 | 3♊39 | 23♉21 | 16♎12 | 17♌ 4 | 27♎28 | 26♎50 | 27♐49 | 11♑16 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 2 | 8s29 | 4n38 | 23n44 | 0n24 | 25n33 | 2n51 | 23n50 | 0n41 | 15n14 | 0n53 | 18n16 | 1s54 | 17n53 | 0s19 | 5s 0 | 1n33 | 21n57 | 6n24 | 11s18 | 10s52 | 19s 0 | 15s31 | 7n15 |
| M 2 | 22 10 | 4 39 | 4 2 | 23 29 | 0 9 | 25 25 | 2 44 | 23 53 | 0 41 | 15 11 | 0 53 | 18 17 | 1 54 | 17 54 | 0 19 | 4 59 | 1 33 | 21 57 | 6 24 | 11 18 | 10 51 | 18 59 | 15 31 | 7 16 |
| T 3 | 22 17 | 0 30 | 3 13 | 23 13 | 0s 7 | 25 17 | 2 36 | 23 56 | 0 42 | 15 9 | 0 53 | 18 19 | 1 54 | 17 55 | 0 19 | 4 59 | 1 33 | 21 57 | 6 24 | 11 18 | 10 50 | 18 59 | 15 31 | 7 16 |
| W 4 | 22 24 | 3n48 | 2 12 | 22 56 | 0 24 | 25 8 | 2 28 | 23 58 | 0 42 | 15 6 | 0 53 | 18 21 | 1 54 | 17 56 | 0 19 | 4 59 | 1 33 | 21 56 | 6 24 | 11 18 | 10 49 | 18 59 | 15 31 | 7 17 |
| T 5 | 22 31 | 8 3 | 1 2 | 22 38 | 0 41 | 25 0 | 2 19 | 24 0 | 0 43 | 15 3 | 0 53 | 18 22 | 1 54 | 17 57 | 0 19 | 4 59 | 1 33 | 21 56 | 6 24 | 11 19 | 10 48 | 18 59 | 15 31 | 7 17 |
| F 6 | 22 37 | 12 0 | 0s14 | 22 20 | 0 58 | 24 51 | 2 10 | 24 2 | 0 43 | 15 1 | 0 53 | 18 24 | 1 54 | 17 57 | 0 19 | 4 58 | 1 33 | 21 56 | 6 24 | 11 19 | 10 46 | 18 58 | 15 31 | 7 17 |
| S 7 | 22 43 | 15 21 | 1 31 | 22 2 | 1 16 | 24 42 | 2 1 | 24 3 | 0 43 | 14 58 | 0 53 | 18 25 | 1 54 | 17 58 | 0 19 | 4 58 | 1 33 | 21 55 | 6 24 | 11 18 | 10 45 | 18 58 | 15 30 | 7 18 |
| S 8 | 22 49 | 17 46 | 2 44 | 21 43 | 1 33 | 24 32 | 1 51 | 24 5 | 0 44 | 14 55 | 0 53 | 18 27 | 1 54 | 17 59 | 0 19 | 4 58 | 1 33 | 21 55 | 6 24 | 11 17 | 10 44 | 18 58 | 15 30 | 7 18 |
| M 9 | 22 54 | 18 59 | 3 47 | 21 25 | 1 51 | 24 23 | 1 41 | 24 6 | 0 44 | 14 52 | 0 53 | 18 28 | 1 54 | 18 0 | 0 19 | 4 58 | 1 32 | 21 54 | 6 24 | 11 15 | 10 43 | 18 58 | 15 30 | 7 19 |
| T 10 | 22 58 | 18 48 | 4 33 | 21 6 | 2 8 | 24 13 | 1 30 | 24 7 | 0 45 | 14 49 | 0 52 | 18 30 | 1 54 | 18 1 | 0 19 | 4 58 | 1 32 | 21 54 | 6 24 | 11 13 | 10 42 | 18 57 | 15 30 | 7 19 |
| W11 | 23 3 | 17 18 | 5 0 | 20 48 | 2 24 | 24 3 | 1 19 | 24 8 | 0 45 | 14 46 | 0 52 | 18 31 | 1 54 | 18 1 | 0 19 | 4 57 | 1 32 | 21 54 | 6 23 | 11 10 | 10 41 | 18 57 | 15 30 | 7 19 |
| T 12 | 23 7 | 14 37 | 5 6 | 20 31 | 2 40 | 23 53 | 1 7 | 24 8 | 0 46 | 14 43 | 0 52 | 18 33 | 1 54 | 18 2 | 0 19 | 4 57 | 1 32 | 21 53 | 6 23 | 11 8 | 10 40 | 18 57 | 15 30 | 7 20 |
| F 13 | 23 10 | 11 6 | 4 52 | 20 14 | 2 56 | 23 43 | 0 55 | 24 9 | 0 46 | 14 40 | 0 52 | 18 34 | 1 54 | 18 3 | 0 19 | 4 57 | 1 32 | 21 53 | 6 23 | 11 6 | 10 38 | 18 57 | 15 30 | 7 20 |
| S 14 | 23 13 | 7 3 | 4 21 | 19 57 | 3 10 | 23 32 | 0 42 | 24 9 | 0 46 | 14 37 | 0 52 | 18 36 | 1 54 | 18 4 | 0 19 | 4 57 | 1 32 | 21 52 | 6 23 | 11 4 | 10 37 | 18 56 | 15 30 | 7 20 |
| S 15 | 23 16 | 2 46 | 3 35 | 19 42 | 3 23 | 23 22 | 0 30 | 24 9 | 0 47 | 14 34 | 0 52 | 18 37 | 1 54 | 18 5 | 0 19 | 4 57 | 1 32 | 21 52 | 6 23 | 11 3 | 10 36 | 18 56 | 15 30 | 7 21 |
| M16 | 23 18 | 1s32 | 2 39 | 19 27 | 3 36 | 23 11 | 0 17 | 24 8 | 0 47 | 14 31 | 0 52 | 18 38 | 1 54 | 18 5 | 0 19 | 4 57 | 1 32 | 21 51 | 6 23 | 11 3 | 10 35 | 18 56 | 15 30 | 7 21 |
| T 17 | 23 20 | 5 38 | 1 37 | 19 14 | 3 47 | 22 59 | 0 3 | 24 8 | 0 48 | 14 28 | 0 52 | 18 40 | 1 54 | 18 6 | 0 19 | 4 57 | 1 32 | 21 51 | 6 23 | 11 3 | 10 34 | 18 55 | 15 30 | 7 21 |
| W18 | 23 21 | 9 24 | 0 32 | 19 3 | 3 56 | 22 48 | 0s11 | 24 7 | 0 48 | 14 24 | 0 52 | 18 41 | 1 54 | 18 7 | 0 19 | 4 57 | 1 32 | 21 51 | 6 23 | 11 4 | 10 33 | 18 55 | 15 30 | 7 21 |
| T 19 | 23 22 | 12 41 | 0n33 | 18 52 | 4 5 | 22 37 | 0 24 | 24 6 | 0 48 | 14 21 | 0 52 | 18 43 | 1 55 | 18 8 | 0 19 | 4 57 | 1 32 | 21 50 | 6 23 | 11 4 | 10 32 | 18 55 | 15 31 | 7 22 |
| F 20 | 23 23 | 15 23 | 1 36 | 18 44 | 4 12 | 22 25 | 0 38 | 24 5 | 0 49 | 14 18 | 0 52 | 18 44 | 1 55 | 18 8 | 0 19 | 4 56 | 1 32 | 21 50 | 6 23 | 11 3 | 10 30 | 18 55 | 15 31 | 7 22 |
| S 21 | 23 23 | 17 24 | 2 34 | 18 36 | 4 17 | 22 13 | 0 53 | 24 4 | 0 49 | 14 14 | 0 52 | 18 45 | 1 55 | 18 9 | 0 19 | 4 56 | 1 32 | 21 49 | 6 23 | 11 2 | 10 29 | 18 54 | 15 31 | 7 22 |
| S 22 | 23 22 | 18 39 | 3 25 | 18 31 | 4 22 | 22 1 | 1 7 | 24 2 | 0 50 | 14 11 | 0 52 | 18 47 | 1 55 | 18 10 | 0 19 | 4 56 | 1 32 | 21 49 | 6 23 | 10 59 | 10 28 | 18 54 | 15 31 | 7 22 |
| M23 | 23 22 | 19 5 | 4 6 | 18 27 | 4 25 | 21 49 | 1 21 | 24 1 | 0 50 | 14 8 | 0 52 | 18 48 | 1 55 | 18 11 | 0 19 | 4 56 | 1 32 | 21 48 | 6 23 | 10 56 | 10 27 | 18 54 | 15 31 | 7 22 |
| T 24 | 23 21 | 18 41 | 4 37 | 18 25 | 4 26 | 21 37 | 1 35 | 23 59 | 0 50 | 14 4 | 0 52 | 18 49 | 1 55 | 18 11 | 0 19 | 4 56 | 1 32 | 21 48 | 6 23 | 10 52 | 10 26 | 18 53 | 15 31 | 7 23 |
| W25 | 23 19 | 17 27 | 4 56 | 18 24 | 4 27 | 21 24 | 1 49 | 23 56 | 0 51 | 14 1 | 0 52 | 18 51 | 1 55 | 18 12 | 0 19 | 4 56 | 1 32 | 21 47 | 6 23 | 10 48 | 10 25 | 18 53 | 15 31 | 7 23 |
| T 26 | 23 17 | 15 27 | 5 2 | 18 26 | 4 26 | 21 12 | 2 3 | 23 54 | 0 51 | 13 57 | 0 52 | 18 52 | 1 55 | 18 13 | 0 19 | 4 56 | 1 32 | 21 47 | 6 23 | 10 44 | 10 24 | 18 53 | 15 31 | 7 23 |
| F 27 | 23 15 | 12 47 | 4 55 | 18 28 | 4 24 | 21 0 | 2 17 | 23 52 | 0 52 | 13 54 | 0 52 | 18 53 | 1 55 | 18 13 | 0 19 | 4 56 | 1 32 | 21 46 | 6 23 | 10 40 | 10 23 | 18 53 | 15 32 | 7 23 |
| S 28 | 23 12 | 9 33 | 4 34 | 18 32 | 4 21 | 20 48 | 2 30 | 23 49 | 0 52 | 13 50 | 0 52 | 18 54 | 1 55 | 18 14 | 0 19 | 4 57 | 1 32 | 21 46 | 6 23 | 10 37 | 10 21 | 18 52 | 15 32 | 7 23 |
| S 29 | 23 9 | 5 52 | 4 0 | 18 38 | 4 17 | 20 36 | 2 44 | 23 46 | 0 52 | 13 46 | 0 52 | 18 56 | 1 55 | 18 15 | 0 19 | 4 57 | 1 32 | 21 46 | 6 22 | 10 34 | 10 20 | 18 52 | 15 32 | 7 23 |
| M30 | 23n 6 | 1s52 | 3n14 | 18n45 | 4s11 | 20n24 | 2s56 | 23n43 | 0n53 | 13n43 | 0n52 | 18n57 | 1s55 | 18n15 | 0s19 | 4s57 | 1n32 | 21n45 | 6n22 | 10s33 | 10s19 | 18s52 | 15s32 | 7n24 |

Julian Day Number = 2613133.5, Delta T = 10m46s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'33, Lahiri = 30°02'34


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## JULY 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 37 17 | 9♋40'47 | 0♈32 | 19♊28 | 2°R39 | 12♋41 | 25♌56 | 3♊46 | 23♉24 | 16♎12 | 17♌ 5 | 27°R26 | 26♎47 | 27♐56 | 11°R12 | T 1 |
| W 2 | 18 41 14 | 10°38'03 | 13°40 | 19°59 | 2♋ 5 | 13°21 | 26° 6 | 3°53 | 23°26 | 16°12 | 17° 6 | 27°D26 | 26°44 | 28° 2 | 11♑ 8 | W 2 |
| T 3 | 18 45 10 | 11°35'18 | 27°12 | 20°35 | 1°31 | 14° 1 | 26°17 | 4° 0 | 23°29 | 16°12 | 17° 8 | 27°R26 | 26°40 | 28° 9 | 11° 4 | T 3 |
| F 4 | 18 49 7 | 12°32'33 | 11♉ 8 | 21°15 | 0°59 | 14°41 | 26°28 | 4° 6 | 23°32 | 16°12 | 17° 9 | 27♎26 | 26°37 | 28°16 | 11° 0 | F 4 |
| S 5 | 18 53 4 | 13°29'48 | 25°31 | 22° 0 | 0°29 | 15°21 | 26°39 | 4°13 | 23°34 | 16°13 | 17°11 | 27°23 | 26°34 | 28°22 | 10°56 | S 5 |
| S 6 | 18 57 0 | 14°27'04 | 10♊17 | 22°49 | 0° 0 | 16° 1 | 26°50 | 4°19 | 23°36 | 16°13 | 17°12 | 27°18 | 26°31 | 28°29 | 10°52 | S 6 |
| M 7 | 19 0 57 | 15°24'19 | 25°21 | 23°42 | 29♊34 | 16°41 | 27° 2 | 4°26 | 23°39 | 16°13 | 17°14 | 27°11 | 26°28 | 28°36 | 10°48 | M 7 |
| T 8 | 19 4 53 | 16°21'35 | 10♋35 | 24°40 | 29° 9 | 17°20 | 27°13 | 4°32 | 23°41 | 16°13 | 17°16 | 27° 1 | 26°24 | 28°42 | 10°44 | T 8 |
| W 9 | 19 8 50 | 17°18'50 | 25°49 | 25°41 | 28°47 | 18° 0 | 27°24 | 4°39 | 23°44 | 16°14 | 17°17 | 26°51 | 26°21 | 28°49 | 10°40 | W 9 |
| T 10 | 19 12 46 | 18°16'05 | 10♌50 | 26°47 | 28°26 | 18°40 | 27°36 | 4°45 | 23°46 | 16°14 | 17°19 | 26°40 | 26°18 | 28°56 | 10°36 | T 10 |
| F 11 | 19 16 43 | 19°13'19 | 25°30 | 27°57 | 28° 8 | 19°20 | 27°47 | 4°51 | 23°48 | 16°15 | 17°20 | 26°31 | 26°15 | 29° 3 | 10°32 | F 11 |
| S 12 | 19 20 39 | 20°10'34 | 9♍43 | 29°12 | 27°53 | 19°59 | 27°59 | 4°58 | 23°51 | 16°15 | 17°22 | 26°24 | 26°12 | 29° 9 | 10°28 | S 12 |
| S 13 | 19 24 36 | 21° 7'48 | 23°26 | 0♋30 | 27°39 | 20°39 | 28°10 | 5° 4 | 23°53 | 16°16 | 17°24 | 26°20 | 26° 9 | 29°16 | 10°24 | S 13 |
| M14 | 19 28 33 | 22° 5'02 | 6♎40 | 1°52 | 27°28 | 21°19 | 28°22 | 5°10 | 23°55 | 16°16 | 17°25 | 26°18 | 26° 5 | 29°23 | 10°20 | M14 |
| T 15 | 19 32 29 | 23° 2'16 | 19°29 | 3°18 | 27°20 | 21°58 | 28°34 | 5°16 | 23°57 | 16°17 | 17°27 | 26°17 | 26° 2 | 29°29 | 10°17 | T 15 |
| W16 | 19 36 26 | 23°59'29 | 1♏56 | 4°47 | 27°14 | 22°38 | 28°45 | 5°22 | 23°59 | 16°17 | 17°28 | 26°17 | 25°59 | 29°36 | 10°13 | W16 |
| T 17 | 19 40 22 | 24°56'43 | 14° 7 | 6°21 | 27°10 | 23°17 | 28°57 | 5°28 | 24° 1 | 16°18 | 17°30 | 26°17 | 25°56 | 29°43 | 10° 9 | T 17 |
| F 18 | 19 44 19 | 25°53'56 | 26° 6 | 7°58 | 27°D 8 | 23°57 | 29° 9 | 5°34 | 24° 3 | 16°19 | 17°32 | 26°14 | 25°53 | 29°50 | 10° 5 | F 18 |
| S 19 | 19 48 15 | 26°51'10 | 7♐59 | 9°38 | 27° 9 | 24°36 | 29°21 | 5°40 | 24° 5 | 16°19 | 17°33 | 26°10 | 25°50 | 29°56 | 10° 1 | S 19 |
| S 20 | 19 52 12 | 27°48'23 | 19°49 | 11°23 | 27°12 | 25°16 | 29°33 | 5°45 | 24° 7 | 16°20 | 17°35 | 26° 2 | 25°46 | 0♑ 3 | 9°58 | S 20 |
| M21 | 19 56 8 | 28°45'37 | 1♑40 | 13°10 | 27°17 | 25°55 | 29°45 | 5°51 | 24° 9 | 16°21 | 17°37 | 25°52 | 25°43 | 0°10 | 9°54 | M21 |
| T 22 | 20 0 5 | 29°42'50 | 13°35 | 15° 0 | 27°25 | 26°34 | 29°57 | 5°57 | 24°11 | 16°22 | 17°39 | 25°40 | 25°40 | 0°16 | 9°50 | T 22 |
| W23 | 20 4 2 | 0♌40'04 | 25°34 | 16°54 | 27°35 | 27°14 | 0♍ 9 | 6° 2 | 24°13 | 16°22 | 17°40 | 25°26 | 25°37 | 0°23 | 9°47 | W23 |
| T 24 | 20 7 58 | 1°37'18 | 7♒40 | 18°50 | 27°46 | 27°53 | 0°21 | 6° 8 | 24°15 | 16°23 | 17°42 | 25°13 | 25°34 | 0°30 | 9°43 | T 24 |
| F 25 | 20 11 55 | 2°34'33 | 19°54 | 20°49 | 28° 0 | 28°32 | 0°34 | 6°13 | 24°17 | 16°24 | 17°44 | 25° 0 | 25°30 | 0°37 | 9°40 | F 25 |
| S 26 | 20 15 51 | 3°31'48 | 2♓16 | 22°49 | 28°16 | 29°11 | 0°46 | 6°19 | 24°18 | 16°25 | 17°45 | 24°50 | 25°27 | 0°43 | 9°36 | S 26 |
| S 27 | 20 19 48 | 4°29'03 | 14°47 | 24°52 | 28°34 | 29°51 | 0°58 | 6°24 | 24°20 | 16°26 | 17°47 | 24°42 | 25°24 | 0°50 | 9°33 | S 27 |
| M28 | 20 23 44 | 5°26'19 | 27°30 | 26°56 | 28°53 | 0♌30 | 1°11 | 6°29 | 24°21 | 16°27 | 17°49 | 24°37 | 25°21 | 0°57 | 9°29 | M28 |
| T 29 | 20 27 41 | 6°23'36 | 10♈26 | 29° 2 | 29°15 | 1° 9 | 1°23 | 6°34 | 24°23 | 16°28 | 17°51 | 24°35 | 25°18 | 1° 3 | 9°26 | T 29 |
| W30 | 20 31 37 | 7°20'54 | 23°37 | 1♌ 8 | 29°38 | 1°48 | 1°35 | 6°39 | 24°25 | 16°29 | 17°52 | 24°D34 | 25°15 | 1°10 | 9°23 | W30 |
| T 31 | 20 35 34 | 8♌18'13 | 7♉ 7 | 3♌15 | 0♋ 2 | 2♌27 | 1♍48 | 6♊44 | 24♉26 | 16♎30 | 17♌54 | 24°R34 | 25♎11 | 1♑17 | 9♑20 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 2 | 2n19 | 2n18 | 18n53 | 4s 5 | 20n13 | 3s 9 | 23n39 | 0n53 | 13n39 | 0n51 | 18n58 | 1s55 | 18n16 | 0s19 | 4s57 | 1n32 | 21n45 | 6n22 | 10s32 | 10s18 | 18s51 | 15s32 | 7n24 |
| W 2 | 22 57 | 6 30 | 1 12 | 19 2 | 3 58 | 20 1 | 3 21 | 23 36 | 0 53 | 13 35 | 0 51 | 18 59 | 1 55 | 18 17 | 0 19 | 4 57 | 1 31 | 21 44 | 6 22 | 10 32 | 10 17 | 18 51 | 15 33 | 7 24 |
| T 3 | 22 53 | 10 28 | 0 1 | 19 13 | 3 51 | 19 50 | 3 32 | 23 32 | 0 54 | 13 32 | 0 51 | 19 0 | 1 55 | 18 17 | 0 19 | 4 57 | 1 31 | 21 44 | 6 22 | 10 32 | 10 16 | 18 51 | 15 33 | 7 24 |
| F 4 | 22 47 | 14 0 | 1s12 | 19 24 | 3 42 | 19 40 | 3 43 | 23 28 | 0 54 | 13 28 | 0 51 | 19 2 | 1 55 | 18 18 | 0 19 | 4 57 | 1 31 | 21 43 | 6 22 | 10 32 | 10 15 | 18 50 | 15 33 | 7 24 |
| S 5 | 22 42 | 16 47 | 2 23 | 19 36 | 3 33 | 19 30 | 3 53 | 23 24 | 0 54 | 13 24 | 0 51 | 19 3 | 1 55 | 18 19 | 0 19 | 4 57 | 1 31 | 21 43 | 6 22 | 10 31 | 10 13 | 18 50 | 15 33 | 7 24 |
| S 6 | 22 36 | 18 32 | 3 26 | 19 48 | 3 23 | 19 20 | 4 3 | 23 20 | 0 55 | 13 20 | 0 51 | 19 4 | 1 55 | 18 19 | 0 19 | 4 57 | 1 31 | 21 42 | 6 22 | 10 29 | 10 12 | 18 50 | 15 34 | 7 24 |
| M 7 | 22 30 | 19 2 | 4 16 | 20 1 | 3 13 | 19 11 | 4 12 | 23 15 | 0 55 | 13 17 | 0 51 | 19 5 | 1 56 | 18 20 | 0 19 | 4 58 | 1 31 | 21 42 | 6 22 | 10 27 | 10 11 | 18 49 | 15 34 | 7 24 |
| T 8 | 22 23 | 18 10 | 4 49 | 20 15 | 3 2 | 19 2 | 4 21 | 23 10 | 0 55 | 13 13 | 0 51 | 19 6 | 1 56 | 18 20 | 0 19 | 4 58 | 1 31 | 21 41 | 6 22 | 10 23 | 10 10 | 18 49 | 15 34 | 7 24 |
| W 9 | 22 16 | 16 0 | 5 1 | 20 28 | 2 51 | 18 54 | 4 29 | 23 6 | 0 56 | 13 9 | 0 51 | 19 7 | 1 56 | 18 21 | 0 19 | 4 58 | 1 31 | 21 41 | 6 22 | 10 19 | 10 9 | 18 49 | 15 35 | 7 24 |
| T 10 | 22 8 | 12 47 | 4 52 | 20 42 | 2 39 | 18 46 | 4 36 | 23 1 | 0 56 | 13 5 | 0 51 | 19 8 | 1 56 | 18 22 | 0 19 | 4 58 | 1 31 | 21 40 | 6 22 | 10 16 | 10 8 | 18 48 | 15 35 | 7 24 |
| F 11 | 22 0 | 8 51 | 4 24 | 20 55 | 2 27 | 18 39 | 4 43 | 22 55 | 0 56 | 13 1 | 0 51 | 19 9 | 1 56 | 18 22 | 0 19 | 4 58 | 1 31 | 21 40 | 6 22 | 10 12 | 10 6 | 18 48 | 15 35 | 7 24 |
| S 12 | 21 52 | 4 31 | 3 40 | 21 8 | 2 14 | 18 32 | 4 49 | 22 50 | 0 57 | 12 57 | 0 51 | 19 10 | 1 56 | 18 23 | 0 19 | 4 58 | 1 31 | 21 39 | 6 22 | 10 10 | 10 5 | 18 47 | 15 36 | 7 24 |
| S 13 | 21 43 | 0 5 | 2 44 | 21 21 | 2 2 | 18 27 | 4 55 | 22 44 | 0 57 | 12 53 | 0 51 | 19 11 | 1 56 | 18 23 | 0 19 | 4 59 | 1 31 | 21 39 | 6 22 | 10 8 | 10 4 | 18 47 | 15 36 | 7 24 |
| M14 | 21 34 | 4s12 | 1 42 | 21 33 | 1 49 | 18 21 | 5 0 | 22 38 | 0 57 | 12 49 | 0 51 | 19 12 | 1 56 | 18 24 | 0 19 | 4 59 | 1 31 | 21 38 | 6 22 | 10 8 | 10 3 | 18 47 | 15 36 | 7 24 |
| T 15 | 21 25 | 8 10 | 0 36 | 21 44 | 1 36 | 18 16 | 5 5 | 22 33 | 0 58 | 12 45 | 0 51 | 19 13 | 1 56 | 18 24 | 0 19 | 4 59 | 1 31 | 21 38 | 6 22 | 10 7 | 10 2 | 18 46 | 15 37 | 7 24 |
| W16 | 21 15 | 11 39 | 0n30 | 21 55 | 1 23 | 18 12 | 5 9 | 22 26 | 0 58 | 12 41 | 0 51 | 19 14 | 1 56 | 18 25 | 0 19 | 4 59 | 1 31 | 21 37 | 6 22 | 10 7 | 10 1 | 18 46 | 15 37 | 7 23 |
| T 17 | 21 5 | 14 33 | 1 33 | 22 4 | 1 10 | 18 9 | 5 12 | 22 20 | 0 58 | 12 36 | 0 51 | 19 15 | 1 56 | 18 25 | 0 19 | 5 0 | 1 31 | 21 36 | 6 22 | 10 7 | 10 0 | 18 46 | 15 37 | 7 23 |
| F 18 | 20 55 | 16 47 | 2 31 | 22 12 | 0 57 | 18 6 | 5 15 | 22 14 | 0 59 | 12 32 | 0 51 | 19 16 | 1 57 | 18 26 | 0 19 | 5 0 | 1 31 | 21 36 | 6 22 | 10 6 | 9 58 | 18 45 | 15 38 | 7 23 |
| S 19 | 20 44 | 18 16 | 3 21 | 22 18 | 0 44 | 18 3 | 5 18 | 22 7 | 0 59 | 12 28 | 0 51 | 19 17 | 1 57 | 18 26 | 0 19 | 5 0 | 1 31 | 21 35 | 6 22 | 10 5 | 9 57 | 18 45 | 15 38 | 7 23 |
| S 20 | 20 33 | 18 57 | 4 3 | 22 23 | 0 31 | 18 1 | 5 20 | 22 0 | 0 59 | 12 24 | 0 51 | 19 18 | 1 57 | 18 27 | 0 19 | 5 1 | 1 31 | 21 35 | 6 22 | 10 2 | 9 56 | 18 44 | 15 39 | 7 23 |
| M21 | 20 21 | 18 48 | 4 34 | 22 25 | 0 18 | 17 59 | 5 22 | 21 53 | 1 0 | 12 20 | 0 51 | 19 19 | 1 57 | 18 27 | 0 19 | 5 1 | 1 31 | 21 34 | 6 22 | 9 58 | 9 55 | 18 44 | 15 39 | 7 23 |
| T 22 | 20 10 | 17 49 | 4 53 | 22 26 | 0 6 | 17 58 | 5 23 | 21 46 | 1 0 | 12 15 | 0 51 | 19 20 | 1 57 | 18 28 | 0 19 | 5 1 | 1 31 | 21 34 | 6 22 | 9 54 | 9 54 | 18 44 | 15 39 | 7 23 |
| W23 | 19 57 | 16 4 | 5 0 | 22 24 | 0n 6 | 17 57 | 5 24 | 21 39 | 1 0 | 12 11 | 0 51 | 19 20 | 1 57 | 18 28 | 0 19 | 5 2 | 1 31 | 21 33 | 6 22 | 9 49 | 9 53 | 18 43 | 15 40 | 7 22 |
| T 24 | 19 45 | 13 35 | 4 53 | 22 20 | 0 17 | 17 57 | 5 25 | 21 31 | 1 0 | 12 7 | 0 51 | 19 21 | 1 57 | 18 29 | 0 19 | 5 2 | 1 30 | 21 33 | 6 22 | 9 44 | 9 52 | 18 43 | 15 40 | 7 22 |
| F 25 | 19 32 | 10 30 | 4 33 | 22 14 | 0 28 | 17 57 | 5 25 | 21 24 | 1 1 | 12 3 | 0 51 | 19 22 | 1 57 | 18 29 | 0 19 | 5 2 | 1 30 | 21 32 | 6 22 | 9 39 | 9 50 | 18 43 | 15 41 | 7 22 |
| S 26 | 19 19 | 6 55 | 3 59 | 22 5 | 0 38 | 17 57 | 5 25 | 21 16 | 1 1 | 11 58 | 0 51 | 19 23 | 1 57 | 18 29 | 0 19 | 5 3 | 1 30 | 21 32 | 6 22 | 9 36 | 9 49 | 18 42 | 15 41 | 7 22 |
| S 27 | 19 6 | 3 0 | 3 14 | 21 53 | 0 48 | 17 58 | 5 24 | 21 8 | 1 1 | 11 54 | 0 51 | 19 24 | 1 58 | 18 30 | 0 19 | 5 3 | 1 30 | 21 31 | 6 22 | 9 33 | 9 48 | 18 42 | 15 42 | 7 22 |
| M28 | 18 52 | 1n 7 | 2 18 | 21 39 | 0 57 | 17 59 | 5 23 | 21 0 | 1 1 | 11 49 | 0 51 | 19 24 | 1 58 | 18 30 | 0 19 | 5 4 | 1 30 | 21 31 | 6 22 | 9 31 | 9 47 | 18 41 | 15 42 | 7 21 |
| T 29 | 18 38 | 5 15 | 1 14 | 21 22 | 1 5 | 18 0 | 5 22 | 20 51 | 1 2 | 11 45 | 0 51 | 19 25 | 1 58 | 18 30 | 0 19 | 5 4 | 1 30 | 21 30 | 6 22 | 9 30 | 9 46 | 18 41 | 15 43 | 7 21 |
| W30 | 18 23 | 9 14 | 0 5 | 21 3 | 1 13 | 18 2 | 5 21 | 20 43 | 1 2 | 11 41 | 0 51 | 19 26 | 1 58 | 18 31 | 0 19 | 5 4 | 1 30 | 21 30 | 6 22 | 9 30 | 9 45 | 18 40 | 15 43 | 7 21 |
| T 31 | 18n 9 | 12n49 | 1s 6 | 20n41 | 1n20 | 18n 3 | 5s19 | 20n34 | 1n 2 | 11n36 | 0n51 | 19n26 | 1s58 | 18n31 | 0s19 | 5s 5 | 1n30 | 21n29 | 6n22 | 9s30 | 9s43 | 18s40 | 15s44 | 7n21 |

Julian Day Number = 2613163.5, Delta T = 10m46s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'38, Lahiri = 30°02'38


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## AUGUST 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 20 39 31 | 9♌15'32 | 20♉56 | 5♌22 | 0♋29 | 3♌ 6 | 2♍ 0 | 6♊49 | 24♉28 | 16♎31 | 17♌56 | 24°R34 | 25♎ 8 | 1♏23 | 9°R16 | F 1 |
| S 2 | 20 43 27 | 10°12'53 | 5♊ 7 | 7°29 | 0°57 | 3°45 | 2°13 | 6°54 | 24°29 | 16°32 | 17°58 | 24♎32 | 25° 5 | 1°30 | 9♏13 | S 2 |
| S 3 | 20 47 24 | 11°10'14 | 19°38 | 9°36 | 1°26 | 4°24 | 2°25 | 6°59 | 24°30 | 16°33 | 17°59 | 24°28 | 25° 2 | 1°37 | 9°10 | S 3 |
| M 4 | 20 51 20 | 12° 7'36 | 4♋25 | 11°43 | 1°57 | 5° 3 | 2°38 | 7° 4 | 24°32 | 16°34 | 18° 1 | 24°21 | 24°59 | 1°44 | 9° 7 | M 4 |
| T 5 | 20 55 17 | 13° 5'00 | 19°22 | 13°49 | 2°29 | 5°42 | 2°51 | 7° 8 | 24°33 | 16°36 | 18° 3 | 24°12 | 24°56 | 1°50 | 9° 4 | T 5 |
| W 6 | 20 59 13 | 14° 2'24 | 4♌21 | 15°54 | 3° 3 | 6°21 | 3° 3 | 7°13 | 24°34 | 16°37 | 18° 5 | 24° 2 | 24°52 | 1°57 | 9° 1 | W 6 |
| T 7 | 21 3 10 | 14°59'49 | 19°12 | 17°58 | 3°38 | 7° 0 | 3°16 | 7°17 | 24°35 | 16°38 | 18° 6 | 23°52 | 24°49 | 2° 4 | 8°59 | T 7 |
| F 8 | 21 7 6 | 15°57'14 | 3♍47 | 20° 1 | 4°14 | 7°39 | 3°29 | 7°21 | 24°36 | 16°39 | 18° 8 | 23°43 | 24°46 | 2°10 | 8°56 | F 8 |
| S 9 | 21 11 3 | 16°54'41 | 17°58 | 22° 2 | 4°51 | 8°18 | 3°41 | 7°26 | 24°37 | 16°41 | 18°10 | 23°36 | 24°43 | 2°17 | 8°53 | S 9 |
| S 10 | 21 15 0 | 17°52'08 | 1♎42 | 24° 2 | 5°30 | 8°57 | 3°54 | 7°30 | 24°38 | 16°42 | 18°12 | 23°32 | 24°40 | 2°24 | 8°50 | S 10 |
| M11 | 21 18 56 | 18°49'36 | 14°59 | 26° 1 | 6° 9 | 9°36 | 4° 7 | 7°34 | 24°39 | 16°43 | 18°14 | 23°30 | 24°36 | 2°31 | 8°48 | M11 |
| T 12 | 21 22 53 | 19°47'04 | 27°51 | 27°58 | 6°50 | 10°14 | 4°20 | 7°38 | 24°40 | 16°45 | 18°15 | 23°D30 | 24°33 | 2°37 | 8°45 | T 12 |
| W13 | 21 26 49 | 20°44'33 | 10♏21 | 29°54 | 7°31 | 10°53 | 4°33 | 7°42 | 24°41 | 16°46 | 18°17 | 23°30 | 24°30 | 2°44 | 8°43 | W13 |
| T 14 | 21 30 46 | 21°42'03 | 22°33 | 1♍48 | 8°14 | 11°32 | 4°46 | 7°46 | 24°42 | 16°47 | 18°19 | 23°R31 | 24°27 | 2°51 | 8°41 | T 14 |
| F 15 | 21 34 42 | 22°39'34 | 4♐34 | 3°41 | 8°58 | 12°11 | 4°58 | 7°50 | 24°43 | 16°49 | 18°21 | 23°30 | 24°24 | 2°57 | 8°38 | F 15 |
| S 16 | 21 38 39 | 23°37'05 | 16°27 | 5°32 | 9°42 | 12°49 | 5°11 | 7°53 | 24°43 | 16°50 | 18°23 | 23°27 | 24°21 | 3° 4 | 8°36 | S 16 |
| S 17 | 21 42 35 | 24°34'37 | 28°18 | 7°22 | 10°28 | 13°28 | 5°24 | 7°57 | 24°44 | 16°52 | 18°24 | 23°22 | 24°17 | 3°11 | 8°34 | S 17 |
| M18 | 21 46 32 | 25°32'10 | 10♑11 | 9°10 | 11°14 | 14° 7 | 5°37 | 8° 0 | 24°45 | 16°53 | 18°26 | 23°15 | 24°14 | 3°18 | 8°32 | M18 |
| T 19 | 21 50 29 | 26°29'44 | 22°10 | 10°56 | 12° 1 | 14°45 | 5°50 | 8° 4 | 24°45 | 16°55 | 18°28 | 23° 6 | 24°11 | 3°24 | 8°30 | T 19 |
| W20 | 21 54 25 | 27°27'19 | 4♒16 | 12°41 | 12°49 | 15°24 | 6° 3 | 8° 7 | 24°46 | 16°57 | 18°30 | 22°56 | 24° 8 | 3°31 | 8°28 | W20 |
| T 21 | 21 58 22 | 28°24'55 | 16°32 | 14°25 | 13°37 | 16° 2 | 6°16 | 8°10 | 24°46 | 16°58 | 18°31 | 22°46 | 24° 5 | 3°38 | 8°26 | T 21 |
| F 22 | 22 2 18 | 29°22'33 | 28°58 | 16° 7 | 14°27 | 16°41 | 6°29 | 8°13 | 24°47 | 17° 0 | 18°33 | 22°37 | 24° 2 | 3°44 | 8°24 | F 22 |
| S 23 | 22 6 15 | 0♍20'11 | 11♓36 | 17°47 | 15°17 | 17°19 | 6°42 | 8°16 | 24°47 | 17° 1 | 18°35 | 22°29 | 23°58 | 3°51 | 8°23 | S 23 |
| S 24 | 22 10 11 | 1°17'51 | 24°25 | 19°26 | 16° 7 | 17°58 | 6°55 | 8°19 | 24°48 | 17° 3 | 18°37 | 22°24 | 23°55 | 3°58 | 8°21 | S 24 |
| M25 | 22 14 8 | 2°15'32 | 7♈25 | 21° 4 | 16°59 | 18°36 | 7° 8 | 8°22 | 24°48 | 17° 5 | 18°38 | 22°20 | 23°52 | 4° 5 | 8°19 | M25 |
| T 26 | 22 18 4 | 3°13'14 | 20°37 | 22°40 | 17°51 | 19°15 | 7°21 | 8°25 | 24°48 | 17° 6 | 18°40 | 22°D19 | 23°49 | 4°11 | 8°18 | T 26 |
| W27 | 22 22 1 | 4°10'58 | 4♉ 2 | 24°15 | 18°44 | 19°53 | 7°34 | 8°28 | 24°48 | 17° 8 | 18°42 | 22°20 | 23°46 | 4°18 | 8°17 | W27 |
| T 28 | 22 25 58 | 5° 8'44 | 17°39 | 25°48 | 19°37 | 20°32 | 7°47 | 8°30 | 24°48 | 17°10 | 18°44 | 22°21 | 23°42 | 4°25 | 8°15 | T 28 |
| F 29 | 22 29 54 | 6° 6'31 | 1♊30 | 27°20 | 20°31 | 21°10 | 8° 0 | 8°33 | 24°48 | 17°12 | 18°45 | 22°R22 | 23°39 | 4°31 | 8°14 | F 29 |
| S 30 | 22 33 51 | 7° 4'20 | 15°35 | 28°50 | 21°25 | 21°48 | 8°13 | 8°35 | 24°R48 | 17°13 | 18°47 | 22°22 | 23°36 | 4°38 | 8°13 | S 30 |
| S 31 | 22 37 47 | 8♍ 2'11 | 29♊52 | 0♎19 | 22♋21 | 22♌27 | 8♍26 | 8♊37 | 24♉48 | 17♎15 | 18♌49 | 22♎20 | 23♎33 | 4♏45 | 8♏12 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n54 | 15n46 | 2s15 | 20n16 | 1n26 | 18n 5 | 5s18 | 20n26 | 1n 3 | 11n32 | 0n51 | 19n27 | 1s58 | 18n32 | 0s19 | 5s 5 | 1n30 | 21n29 | 6n23 | 9s30 | 9s42 | 18s40 | 15s44 | 7n20 |
| S 2 | 17 38 | 17 52 | 3 17 | 19 49 | 1 31 | 18 7 | 5 16 | 20 17 | 1 3 | 11 27 | 0 51 | 19 28 | 1 58 | 18 32 | 0 19 | 5 6 | 1 30 | 21 28 | 6 23 | 9 29 | 9 41 | 18 39 | 15 45 | 7 20 |
| S 3 | 17 23 | 18 51 | 4 9 | 19 20 | 1 36 | 18 9 | 5 13 | 20 8 | 1 3 | 11 23 | 0 51 | 19 29 | 1 58 | 18 32 | 0 19 | 5 6 | 1 30 | 21 28 | 6 23 | 9 27 | 9 40 | 18 39 | 15 45 | 7 20 |
| M 4 | 17 7 | 18 34 | 4 44 | 18 49 | 1 39 | 18 11 | 5 11 | 19 59 | 1 3 | 11 18 | 0 51 | 19 29 | 1 59 | 18 33 | 0 19 | 5 7 | 1 30 | 21 27 | 6 23 | 9 25 | 9 39 | 18 38 | 15 46 | 7 19 |
| T 5 | 16 51 | 17 1 | 5 1 | 18 16 | 1 42 | 18 13 | 5 8 | 19 50 | 1 4 | 11 14 | 0 51 | 19 30 | 1 59 | 18 33 | 0 19 | 5 7 | 1 30 | 21 27 | 6 23 | 9 22 | 9 38 | 18 38 | 15 46 | 7 19 |
| W 6 | 16 34 | 14 18 | 4 57 | 17 41 | 1 44 | 18 16 | 5 5 | 19 40 | 1 4 | 11 9 | 0 51 | 19 30 | 1 59 | 18 33 | 0 19 | 5 8 | 1 30 | 21 26 | 6 23 | 9 18 | 9 36 | 18 37 | 15 47 | 7 19 |
| T 7 | 16 18 | 10 42 | 4 33 | 17 5 | 1 45 | 18 18 | 5 2 | 19 31 | 1 4 | 11 5 | 0 51 | 19 31 | 1 59 | 18 33 | 0 19 | 5 8 | 1 30 | 21 26 | 6 23 | 9 14 | 9 35 | 18 37 | 15 47 | 7 18 |
| F 8 | 16 1 | 6 29 | 3 52 | 16 27 | 1 46 | 18 20 | 4 59 | 19 21 | 1 4 | 11 0 | 0 51 | 19 32 | 1 59 | 18 34 | 0 19 | 5 9 | 1 30 | 21 25 | 6 23 | 9 11 | 9 34 | 18 37 | 15 48 | 7 18 |
| S 9 | 15 44 | 2 2 | 2 57 | 15 48 | 1 46 | 18 22 | 4 55 | 19 11 | 1 5 | 10 55 | 0 51 | 19 32 | 1 59 | 18 34 | 0 19 | 5 9 | 1 30 | 21 25 | 6 23 | 9 9 | 9 33 | 18 36 | 15 48 | 7 18 |
| S 10 | 15 26 | 2s25 | 1 53 | 15 8 | 1 45 | 18 24 | 4 52 | 19 1 | 1 5 | 10 51 | 0 51 | 19 33 | 1 59 | 18 34 | 0 19 | 5 10 | 1 30 | 21 24 | 6 23 | 9 7 | 9 32 | 18 36 | 15 49 | 7 17 |
| M11 | 15 9 | 6 35 | 0 45 | 14 27 | 1 44 | 18 26 | 4 48 | 18 51 | 1 5 | 10 46 | 0 51 | 19 33 | 1 59 | 18 34 | 0 19 | 5 10 | 1 30 | 21 24 | 6 23 | 9 6 | 9 31 | 18 35 | 15 49 | 7 17 |
| T 12 | 14 51 | 10 19 | 0n23 | 13 45 | 1 42 | 18 28 | 4 44 | 18 41 | 1 5 | 10 42 | 0 51 | 19 34 | 2 0 | 18 35 | 0 19 | 5 11 | 1 30 | 21 23 | 6 23 | 9 6 | 9 29 | 18 35 | 15 50 | 7 17 |
| W13 | 14 33 | 13 29 | 1 29 | 13 2 | 1 39 | 18 30 | 4 40 | 18 30 | 1 5 | 10 37 | 0 51 | 19 34 | 2 0 | 18 35 | 0 19 | 5 11 | 1 30 | 21 23 | 6 23 | 9 6 | 9 28 | 18 34 | 15 50 | 7 16 |
| T 14 | 14 14 | 15 58 | 2 29 | 12 18 | 1 36 | 18 32 | 4 36 | 18 20 | 1 6 | 10 32 | 0 51 | 19 35 | 2 0 | 18 35 | 0 19 | 5 12 | 1 30 | 21 22 | 6 23 | 9 7 | 9 27 | 18 34 | 15 51 | 7 16 |
| F 15 | 13 56 | 17 42 | 3 21 | 11 34 | 1 33 | 18 33 | 4 32 | 18 9 | 1 6 | 10 28 | 0 51 | 19 35 | 2 0 | 18 35 | 0 19 | 5 13 | 1 30 | 21 22 | 6 23 | 9 6 | 9 26 | 18 33 | 15 52 | 7 15 |
| S 16 | 13 37 | 18 39 | 4 4 | 10 50 | 1 29 | 18 34 | 4 28 | 17 59 | 1 6 | 10 23 | 0 51 | 19 35 | 2 0 | 18 35 | 0 19 | 5 13 | 1 30 | 21 21 | 6 23 | 9 5 | 9 25 | 18 33 | 15 52 | 7 15 |
| S 17 | 13 18 | 18 46 | 4 36 | 10 5 | 1 24 | 18 35 | 4 23 | 17 48 | 1 6 | 10 18 | 0 51 | 19 36 | 2 0 | 18 35 | 0 19 | 5 14 | 1 30 | 21 21 | 6 24 | 9 3 | 9 24 | 18 32 | 15 53 | 7 14 |
| M18 | 12 59 | 18 3 | 4 57 | 9 20 | 1 19 | 18 36 | 4 19 | 17 37 | 1 7 | 10 13 | 0 51 | 19 36 | 2 1 | 18 36 | 0 19 | 5 14 | 1 30 | 21 20 | 6 24 | 9 1 | 9 23 | 18 32 | 15 53 | 7 14 |
| T 19 | 12 39 | 16 33 | 5 5 | 8 35 | 1 14 | 18 37 | 4 14 | 17 26 | 1 7 | 10 9 | 0 51 | 19 37 | 2 1 | 18 36 | 0 19 | 5 15 | 1 29 | 21 20 | 6 24 | 8 58 | 9 21 | 18 31 | 15 54 | 7 14 |
| W20 | 12 20 | 14 18 | 4 59 | 7 50 | 1 8 | 18 37 | 4 10 | 17 15 | 1 7 | 10 4 | 0 51 | 19 37 | 2 1 | 18 36 | 0 19 | 5 16 | 1 29 | 21 19 | 6 24 | 8 54 | 9 20 | 18 31 | 15 54 | 7 13 |
| T 21 | 12 0 | 11 24 | 4 39 | 7 5 | 1 2 | 18 37 | 4 5 | 17 4 | 1 7 | 9 59 | 0 51 | 19 37 | 2 1 | 18 36 | 0 19 | 5 16 | 1 29 | 21 19 | 6 24 | 8 50 | 9 19 | 18 31 | 15 55 | 7 13 |
| F 22 | 11 40 | 7 57 | 4 6 | 6 19 | 0 56 | 18 37 | 4 0 | 16 52 | 1 7 | 9 54 | 0 52 | 19 38 | 2 1 | 18 36 | 0 19 | 5 17 | 1 29 | 21 18 | 6 24 | 8 47 | 9 18 | 18 30 | 15 55 | 7 12 |
| S 23 | 11 20 | 4 6 | 3 21 | 5 34 | 0 49 | 18 36 | 3 55 | 16 41 | 1 8 | 9 50 | 0 52 | 19 38 | 2 1 | 18 36 | 0 19 | 5 18 | 1 29 | 21 18 | 6 24 | 8 44 | 9 17 | 18 30 | 15 56 | 7 12 |
| S 24 | 10 59 | 0 0 | 2 24 | 4 49 | 0 42 | 18 36 | 3 51 | 16 29 | 1 8 | 9 45 | 0 52 | 19 38 | 2 1 | 18 36 | 0 19 | 5 18 | 1 29 | 21 18 | 6 24 | 8 42 | 9 16 | 18 29 | 15 57 | 7 11 |
| M25 | 10 39 | 4n 9 | 1 19 | 4 4 | 0 35 | 18 34 | 3 46 | 16 17 | 1 8 | 9 40 | 0 52 | 19 39 | 2 2 | 18 36 | 0 19 | 5 19 | 1 29 | 21 17 | 6 24 | 8 41 | 9 14 | 18 29 | 15 57 | 7 11 |
| T 26 | 10 18 | 8 10 | 0 9 | 3 20 | 0 28 | 18 33 | 3 41 | 16 6 | 1 8 | 9 35 | 0 52 | 19 39 | 2 2 | 18 36 | 0 19 | 5 20 | 1 29 | 21 17 | 6 24 | 8 40 | 9 13 | 18 28 | 15 58 | 7 10 |
| W27 | 9 57 | 11 51 | 1s 3 | 2 35 | 0 20 | 18 31 | 3 35 | 15 54 | 1 8 | 9 31 | 0 52 | 19 39 | 2 2 | 18 36 | 0 19 | 5 20 | 1 29 | 21 16 | 6 25 | 8 40 | 9 12 | 18 28 | 15 58 | 7 10 |
| T 28 | 9 36 | 14 56 | 2 12 | 1 51 | 0 12 | 18 29 | 3 30 | 15 42 | 1 9 | 9 26 | 0 52 | 19 39 | 2 2 | 18 36 | 0 20 | 5 21 | 1 29 | 21 16 | 6 25 | 8 41 | 9 11 | 18 27 | 15 59 | 7 9 |
| F 29 | 9 15 | 17 13 | 3 16 | 1 8 | 0 4 | 18 26 | 3 25 | 15 30 | 1 9 | 9 21 | 0 52 | 19 40 | 2 2 | 18 36 | 0 20 | 5 22 | 1 29 | 21 15 | 6 25 | 8 41 | 9 10 | 18 27 | 15 59 | 7 9 |
| S 30 | 8 54 | 18 30 | 4 8 | 0 24 | 0s 4 | 18 23 | 3 20 | 15 17 | 1 9 | 9 16 | 0 52 | 19 40 | 2 2 | 18 36 | 0 20 | 5 22 | 1 29 | 21 15 | 6 25 | 8 41 | 9 8 | 18 26 | 16 0 | 7 8 |
| S 31 | 8n32 | 18n37 | 4s46 | 0s19 | 0s12 | 18n20 | 3s15 | 15n 5 | 1n 9 | 9n11 | 0n52 | 19n40 | 2s 3 | 18n36 | 0s20 | 5s23 | 1n29 | 21n14 | 6n25 | 8s40 | 9s 7 | 18s26 | 16s 1 | 7n 8 |

Julian Day Number = 2613194.5, Delta T = 10m47s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'42, Lahiri = 30°02'42


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## SEPTEMBER 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 22 41 44 | 9♍ 0'04 | 14♋20 | 1♎47 | 23♋16 | 23♌ 5 | 8♍40 | 8♊39 | 24°R48 | 17♎17 | 18♌50 | 22°R16 | 23♎30 | 4♉52 | 8°R11 | M 1 |
| T 2 | 22 45 40 | 9°57'58 | 28°53 | 3°13 | 24°12 | 23°43 | 8°53 | 8°41 | 24♉48 | 17°19 | 18°52 | 22♎11 | 23°27 | 4°58 | 8♉10 | T 2 |
| W 3 | 22 49 37 | 10°55'54 | 13♌28 | 4°37 | 25° 9 | 24°22 | 9° 6 | 8°43 | 24°48 | 17°21 | 18°54 | 22° 5 | 23°23 | 5° 5 | 8° 9 | W 3 |
| T 4 | 22 53 33 | 11°53'52 | 27°56 | 6° 0 | 26° 6 | 25° 0 | 9°19 | 8°45 | 24°48 | 17°23 | 18°55 | 21°58 | 23°20 | 5°12 | 8° 9 | T 4 |
| F 5 | 22 57 30 | 12°51'51 | 12♍11 | 7°22 | 27° 3 | 25°38 | 9°32 | 8°47 | 24°48 | 17°25 | 18°57 | 21°53 | 23°17 | 5°18 | 8° 8 | F 5 |
| S 6 | 23 1 27 | 13°49'51 | 26° 9 | 8°42 | 28° 1 | 26°17 | 9°45 | 8°49 | 24°47 | 17°26 | 18°59 | 21°49 | 23°14 | 5°25 | 8° 8 | S 6 |
| S 7 | 23 5 23 | 14°47'54 | 9♎45 | 10° 0 | 29° 0 | 26°55 | 9°58 | 8°50 | 24°47 | 17°28 | 19° 0 | 21°46 | 23°11 | 5°32 | 8° 7 | S 7 |
| M 8 | 23 9 20 | 15°45'57 | 22°58 | 11°17 | 29°58 | 27°33 | 10°11 | 8°51 | 24°47 | 17°30 | 19° 2 | 21°D46 | 23° 7 | 5°39 | 8° 7 | M 8 |
| T 9 | 23 13 16 | 16°44'02 | 5♏49 | 12°31 | 0♌58 | 28°11 | 10°24 | 8°53 | 24°46 | 17°32 | 19° 4 | 21°47 | 23° 4 | 5°45 | 8° 6 | T 9 |
| W10 | 23 17 13 | 17°42'09 | 18°20 | 13°44 | 1°57 | 28°49 | 10°37 | 8°54 | 24°46 | 17°34 | 19° 5 | 21°48 | 23° 1 | 5°52 | 8° 6 | W10 |
| T 11 | 23 21 9 | 18°40'17 | 0♐34 | 14°56 | 2°57 | 29°27 | 10°50 | 8°55 | 24°45 | 17°36 | 19° 7 | 21°50 | 22°58 | 5°59 | 8° 6 | T 11 |
| F 12 | 23 25 6 | 19°38'26 | 12°36 | 16° 5 | 3°58 | 0♍ 6 | 11° 3 | 8°56 | 24°44 | 17°38 | 19° 8 | 21°51 | 22°55 | 6° 5 | 8°D 6 | F 12 |
| S 13 | 23 29 2 | 20°36'37 | 24°31 | 17°12 | 4°58 | 0°44 | 11°16 | 8°57 | 24°44 | 17°40 | 19°10 | 21°R51 | 22°52 | 6°12 | 8° 6 | S 13 |
| S 14 | 23 32 59 | 21°34'50 | 6♑24 | 18°17 | 5°59 | 1°22 | 11°29 | 8°58 | 24°43 | 17°42 | 19°12 | 21°50 | 22°48 | 6°19 | 8° 6 | S 14 |
| M15 | 23 36 55 | 22°33'03 | 18°19 | 19°20 | 7° 1 | 2° 0 | 11°42 | 8°58 | 24°42 | 17°44 | 19°13 | 21°47 | 22°45 | 6°26 | 8° 7 | M15 |
| T 16 | 23 40 52 | 23°31'19 | 0♒20 | 20°20 | 8° 3 | 2°38 | 11°55 | 8°59 | 24°41 | 17°46 | 19°15 | 21°44 | 22°42 | 6°32 | 8° 7 | T 16 |
| W17 | 23 44 49 | 24°29'35 | 12°31 | 21°18 | 9° 5 | 3°16 | 12° 8 | 8°59 | 24°41 | 17°49 | 19°16 | 21°40 | 22°39 | 6°39 | 8° 7 | W17 |
| T 18 | 23 48 45 | 25°27'54 | 24°55 | 22°13 | 10° 7 | 3°54 | 12°20 | 9° 0 | 24°40 | 17°51 | 19°18 | 21°35 | 22°36 | 6°46 | 8° 8 | T 18 |
| F 19 | 23 52 42 | 26°26'14 | 7♓33 | 23° 5 | 11°10 | 4°32 | 12°33 | 9° 0 | 24°39 | 17°53 | 19°19 | 21°31 | 22°33 | 6°52 | 8° 9 | F 19 |
| S 20 | 23 56 38 | 27°24'35 | 20°27 | 23°54 | 12°13 | 5°10 | 12°46 | 9° 0 | 24°38 | 17°55 | 19°21 | 21°28 | 22°29 | 6°59 | 8° 9 | S 20 |
| S 21 | 0 0 35 | 28°22'59 | 3♈36 | 24°39 | 13°16 | 5°48 | 12°59 | 9°R 0 | 24°37 | 17°57 | 19°22 | 21°26 | 22°26 | 7° 6 | 8°10 | S 21 |
| M22 | 0 4 31 | 29°21'24 | 17° 0 | 25°21 | 14°20 | 6°26 | 13°12 | 9° 0 | 24°36 | 17°59 | 19°23 | 21°D25 | 22°23 | 7°13 | 8°11 | M22 |
| T 23 | 0 8 28 | 0♎19'51 | 0♉36 | 25°59 | 15°24 | 7° 4 | 13°24 | 9° 0 | 24°35 | 18° 1 | 19°25 | 21°25 | 22°20 | 7°19 | 8°12 | T 23 |
| W24 | 0 12 24 | 1°18'21 | 14°24 | 26°33 | 16°28 | 7°42 | 13°37 | 8°59 | 24°33 | 18° 3 | 19°26 | 21°26 | 22°17 | 7°26 | 8°13 | W24 |
| T 25 | 0 16 21 | 2°16'52 | 28°20 | 27° 2 | 17°32 | 8°19 | 13°50 | 8°59 | 24°32 | 18° 6 | 19°28 | 21°27 | 22°13 | 7°33 | 8°14 | T 25 |
| F 26 | 0 20 18 | 3°15'26 | 12♊24 | 27°27 | 18°37 | 8°57 | 14° 3 | 8°58 | 24°31 | 18° 8 | 19°29 | 21°29 | 22°10 | 7°40 | 8°15 | F 26 |
| S 27 | 0 24 14 | 4°14'02 | 26°34 | 27°46 | 19°42 | 9°35 | 14°15 | 8°58 | 24°30 | 18°10 | 19°30 | 21°29 | 22° 7 | 7°46 | 8°17 | S 27 |
| S 28 | 0 28 11 | 5°12'40 | 10♋46 | 28° 0 | 20°47 | 10°13 | 14°28 | 8°57 | 24°28 | 18°12 | 19°32 | 21°R29 | 22° 4 | 7°53 | 8°18 | S 28 |
| M29 | 0 32 7 | 6°11'20 | 25° 0 | 28° 8 | 21°53 | 10°51 | 14°40 | 8°56 | 24°27 | 18°14 | 19°33 | 21°29 | 22° 1 | 8° 0 | 8°19 | M29 |
| T 30 | 0 36 4 | 7♎10'03 | 9♌12 | 28°R 9 | 22♌59 | 11♍29 | 14♍53 | 8♊55 | 24♉26 | 18♎16 | 19♌34 | 21♎27 | 21♎58 | 8♉ 6 | 8♉21 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| M 1 | 8n11 | 17n32 | 5s 6 | 1s 1 | 0s21 | 18n16 | 3s10 | 14n53 | 1n 9 | 9n 6 | 0n52 | 19n40 | 2s 3 | 18n36 | 0s20 | 5s24 | 1n29 | 21n14 | 6n25 | 8s39 | 9s 6 | 18s25 | 16s 1 | 7n 7 | |
| T 2 | 7 49 | 15 19 | 5 7 | 1 43 | 0 29 | 18 12 | 3 4 | 14 40 | 1 9 | 9 2 | 0 52 | 19 40 | 2 3 | 18 36 | 0 20 | 5 25 | 1 29 | 21 14 | 6 25 | 8 37 | 9 5 | 18 24 | 16 2 | 7 7 | |
| W 3 | 7 27 | 12 8 | 4 48 | 2 25 | 0 38 | 18 7 | 2 59 | 14 28 | 1 10 | 8 57 | 0 52 | 19 40 | 2 3 | 18 36 | 0 20 | 5 25 | 1 29 | 21 13 | 6 25 | 8 35 | 9 4 | 18 24 | 16 2 | 7 6 | |
| T 4 | 7 5 | 8 14 | 4 11 | 3 5 | 0 46 | 18 2 | 2 54 | 14 15 | 1 10 | 8 52 | 0 52 | 19 41 | 2 3 | 18 36 | 0 20 | 5 26 | 1 29 | 21 13 | 6 26 | 8 32 | 9 3 | 18 23 | 16 3 | 7 6 | |
| F 5 | 6 43 | 3 55 | 3 18 | 3 46 | 0 55 | 17 57 | 2 48 | 14 2 | 1 10 | 8 47 | 0 52 | 19 41 | 2 3 | 18 36 | 0 20 | 5 27 | 1 29 | 21 12 | 6 26 | 8 30 | 9 1 | 18 23 | 16 3 | 7 5 | |
| S 6 | 6 21 | 0s32 | 2 15 | 4 25 | 1 4 | 17 51 | 2 43 | 13 50 | 1 10 | 8 42 | 0 52 | 19 41 | 2 4 | 18 36 | 0 20 | 5 28 | 1 29 | 21 12 | 6 26 | 8 29 | 9 0 | 18 22 | 16 4 | 7 5 | |
| S 7 | 5 58 | 4 51 | 1 5 | 5 4 | 1 13 | 17 44 | 2 38 | 13 37 | 1 10 | 8 37 | 0 52 | 19 41 | 2 4 | 18 36 | 0 20 | 5 28 | 1 29 | 21 12 | 6 26 | 8 28 | 8 59 | 18 22 | 16 5 | 7 4 | |
| M 8 | 5 36 | 8 48 | 0n 7 | 5 42 | 1 22 | 17 37 | 2 32 | 13 24 | 1 10 | 8 32 | 0 52 | 19 41 | 2 4 | 18 36 | 0 20 | 5 29 | 1 29 | 21 11 | 6 26 | 8 28 | 8 58 | 18 21 | 16 5 | 7 4 | |
| T 9 | 5 13 | 12 14 | 1 16 | 6 20 | 1 31 | 17 30 | 2 27 | 13 11 | 1 11 | 8 28 | 0 52 | 19 41 | 2 4 | 18 36 | 0 20 | 5 30 | 1 29 | 21 11 | 6 26 | 8 28 | 8 57 | 18 21 | 16 6 | 7 3 | |
| W10 | 4 51 | 15 0 | 2 20 | 6 56 | 1 40 | 17 23 | 2 22 | 12 58 | 1 11 | 8 23 | 0 53 | 19 41 | 2 4 | 18 36 | 0 20 | 5 31 | 1 29 | 21 10 | 6 26 | 8 28 | 8 56 | 18 20 | 16 6 | 7 2 | |
| T 11 | 4 28 | 17 1 | 3 16 | 7 32 | 1 49 | 17 14 | 2 16 | 12 44 | 1 11 | 8 18 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 31 | 1 29 | 21 10 | 6 27 | 8 29 | 8 54 | 18 20 | 16 7 | 7 2 | |
| F 12 | 4 6 | 18 14 | 4 3 | 8 7 | 1 57 | 17 6 | 2 11 | 12 31 | 1 11 | 8 13 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 32 | 1 29 | 21 10 | 6 27 | 8 30 | 8 53 | 18 19 | 16 7 | 7 1 | |
| S 13 | 3 43 | 18 38 | 4 38 | 8 41 | 2 6 | 16 57 | 2 5 | 12 18 | 1 11 | 8 8 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 33 | 1 29 | 21 9 | 6 27 | 8 30 | 8 52 | 18 19 | 16 8 | 7 1 | |
| S 14 | 3 20 | 18 12 | 5 2 | 9 14 | 2 15 | 16 47 | 2 0 | 12 4 | 1 11 | 8 3 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 34 | 1 29 | 21 9 | 6 27 | 8 29 | 8 51 | 18 18 | 16 8 | 7 0 | |
| M15 | 2 57 | 16 58 | 5 12 | 9 45 | 2 23 | 16 37 | 1 55 | 11 51 | 1 11 | 7 59 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 35 | 1 29 | 21 9 | 6 27 | 8 28 | 8 50 | 18 17 | 16 9 | 7 0 | |
| T 16 | 2 34 | 14 59 | 5 9 | 10 16 | 2 32 | 16 27 | 1 49 | 11 37 | 1 12 | 7 54 | 0 53 | 19 41 | 2 5 | 18 35 | 0 20 | 5 35 | 1 29 | 21 8 | 6 27 | 8 27 | 8 49 | 18 17 | 16 9 | 6 59 | |
| W17 | 2 11 | 12 19 | 4 53 | 10 45 | 2 40 | 16 16 | 1 44 | 11 24 | 1 12 | 7 49 | 0 53 | 19 40 | 2 6 | 18 34 | 0 20 | 5 36 | 1 29 | 21 8 | 6 28 | 8 25 | 8 47 | 18 16 | 16 10 | 6 59 | |
| T 18 | 1 48 | 9 4 | 4 22 | 11 13 | 2 48 | 16 5 | 1 39 | 11 10 | 1 12 | 7 44 | 0 53 | 19 40 | 2 6 | 18 34 | 0 20 | 5 37 | 1 29 | 21 8 | 6 28 | 8 24 | 8 46 | 18 16 | 16 11 | 6 58 | |
| F 19 | 1 25 | 5 20 | 3 38 | 11 40 | 2 56 | 15 53 | 1 34 | 10 57 | 1 12 | 7 39 | 0 53 | 19 40 | 2 6 | 18 34 | 0 20 | 5 38 | 1 29 | 21 7 | 6 28 | 8 22 | 8 45 | 18 15 | 16 11 | 6 58 | |
| S 20 | 1 2 | 1 17 | 2 42 | 12 5 | 3 3 | 15 41 | 1 28 | 10 43 | 1 12 | 7 34 | 0 53 | 19 40 | 2 6 | 18 34 | 0 20 | 5 39 | 1 29 | 21 7 | 6 28 | 8 21 | 8 44 | 18 15 | 16 12 | 6 57 | |
| S 21 | 0 38 | 2n54 | 1 36 | 12 29 | 3 10 | 15 28 | 1 23 | 10 29 | 1 12 | 7 30 | 0 53 | 19 40 | 2 6 | 18 33 | 0 20 | 5 39 | 1 29 | 21 7 | 6 28 | 8 20 | 8 43 | 18 14 | 16 12 | 6 56 | |
| M22 | 0 15 | 7 2 | 0 24 | 12 50 | 3 17 | 15 15 | 1 18 | 10 15 | 1 12 | 7 25 | 0 54 | 19 40 | 2 6 | 18 33 | 0 20 | 5 40 | 1 29 | 21 7 | 6 28 | 8 20 | 8 41 | 18 13 | 16 13 | 6 56 | |
| T 23 | 0s 8 | 10 52 | 0s50 | 13 10 | 3 23 | 15 1 | 1 13 | 10 1 | 1 12 | 7 20 | 0 54 | 19 40 | 2 7 | 18 33 | 0 20 | 5 41 | 1 29 | 21 6 | 6 29 | 8 20 | 8 40 | 18 13 | 16 13 | 6 55 | |
| W24 | 0 31 | 14 9 | 2 3 | 13 28 | 3 29 | 14 47 | 1 8 | 9 47 | 1 13 | 7 15 | 0 54 | 19 39 | 2 7 | 18 33 | 0 20 | 5 42 | 1 29 | 21 6 | 6 29 | 8 20 | 8 39 | 18 12 | 16 14 | 6 55 | |
| T 25 | 0 54 | 16 39 | 3 10 | 13 44 | 3 35 | 14 32 | 1 3 | 9 33 | 1 13 | 7 10 | 0 54 | 19 39 | 2 7 | 18 32 | 0 20 | 5 43 | 1 29 | 21 6 | 6 29 | 8 21 | 8 38 | 18 12 | 16 14 | 6 54 | |
| F 26 | 1 18 | 18 10 | 4 5 | 13 57 | 3 40 | 14 17 | 0 58 | 9 19 | 1 13 | 7 6 | 0 54 | 19 39 | 2 7 | 18 32 | 0 20 | 5 43 | 1 29 | 21 5 | 6 29 | 8 21 | 8 37 | 18 11 | 16 15 | 6 54 | |
| S 27 | 1 41 | 18 34 | 4 47 | 14 8 | 3 44 | 14 2 | 0 53 | 9 5 | 1 13 | 7 1 | 0 54 | 19 39 | 2 7 | 18 32 | 0 20 | 5 44 | 1 29 | 21 5 | 6 29 | 8 22 | 8 36 | 18 10 | 16 15 | 6 53 | |
| S 28 | 2 4 | 17 47 | 5 10 | 14 16 | 3 47 | 13 46 | 0 48 | 8 51 | 1 13 | 6 56 | 0 54 | 19 38 | 2 7 | 18 31 | 0 20 | 5 45 | 1 29 | 21 5 | 6 30 | 8 22 | 8 34 | 18 10 | 16 15 | 6 52 | |
| M29 | 2 27 | 15 54 | 5 15 | 14 21 | 3 49 | 13 30 | 0 43 | 8 37 | 1 13 | 6 51 | 0 54 | 19 38 | 2 7 | 18 31 | 0 20 | 5 46 | 1 29 | 21 5 | 6 30 | 8 21 | 8 33 | 18 9 | 16 16 | 6 52 | |
| T 30 | 2s50 | 13n 4 | 5s 1 | 14s23 | 3s51 | 13n13 | 0s38 | 8n22 | 1n13 | 6n46 | 0n54 | 19n38 | 2s 8 | 18n31 | 0s20 | 5s47 | 1n29 | 21n 4 | 6n30 | 8s21 | 8s32 | 18s 9 | 16s16 | 6n51 | |

Julian Day Number = 2613225.5, Delta T = 10m47s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'46, Lahiri = 30°02'47


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## OCTOBER 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 0 40 0 | 8♎ 8'47 | 23♌20 | 28°R 4 | 24♌ 5 | 12♍ 6 | 15♍ 6 | 8°R54 | 24°R24 | 18♎19 | 19♌36 | 21°R26 | 21♎54 | 8♉13 | 8♉23 | W 1 |
| T 2 | 0 43 57 | 9° 7'34 | 7♍19 | 27♎52 | 25°11 | 12°44 | 15°18 | 8♊53 | 24♉23 | 18°21 | 19°37 | 21♎24 | 21°51 | 8°20 | 8°24 | T 2 |
| F 3 | 0 47 53 | 10° 6'23 | 21° 8 | 27°33 | 26°17 | 13°22 | 15°30 | 8°52 | 24°21 | 18°23 | 19°38 | 21°23 | 21°48 | 8°27 | 8°26 | F 3 |
| S 4 | 0 51 50 | 11° 5'14 | 4♎42 | 27° 6 | 27°24 | 14° 0 | 15°43 | 8°50 | 24°19 | 18°25 | 19°39 | 21°22 | 21°45 | 8°33 | 8°28 | S 4 |
| S 5 | 0 55 47 | 12° 4'07 | 18° 0 | 26°32 | 28°31 | 14°37 | 15°55 | 8°49 | 24°18 | 18°27 | 19°41 | 21°D21 | 21°42 | 8°40 | 8°30 | S 5 |
| M 6 | 0 59 43 | 13° 3'02 | 1♏ 1 | 25°50 | 29°38 | 15°15 | 16° 7 | 8°47 | 24°16 | 18°30 | 19°42 | 21°22 | 21°39 | 8°47 | 8°32 | M 6 |
| T 7 | 1 3 40 | 14° 1'59 | 13°45 | 25° 1 | 0♍45 | 15°53 | 16°20 | 8°46 | 24°14 | 18°32 | 19°43 | 21°22 | 21°35 | 8°53 | 8°34 | T 7 |
| W 8 | 1 7 36 | 15° 0'57 | 26°13 | 24° 7 | 1°52 | 16°30 | 16°32 | 8°44 | 24°13 | 18°34 | 19°44 | 21°23 | 21°32 | 9° 0 | 8°36 | W 8 |
| T 9 | 1 11 33 | 15°59'58 | 8♐26 | 23° 6 | 3° 0 | 17° 8 | 16°44 | 8°42 | 24°11 | 18°36 | 19°45 | 21°23 | 21°29 | 9° 7 | 8°39 | T 9 |
| F 10 | 1 15 29 | 16°59'00 | 20°29 | 22° 1 | 4° 8 | 17°46 | 16°56 | 8°40 | 24° 9 | 18°39 | 19°46 | 21°24 | 21°26 | 9°14 | 8°41 | F 10 |
| S 11 | 1 19 26 | 17°58'05 | 2♑24 | 20°53 | 5°16 | 18°23 | 17° 8 | 8°38 | 24° 7 | 18°41 | 19°47 | 21°24 | 21°23 | 9°20 | 8°44 | S 11 |
| S 12 | 1 23 22 | 18°57'11 | 14°17 | 19°43 | 6°24 | 19° 1 | 17°20 | 8°36 | 24° 5 | 18°43 | 19°48 | 21°24 | 21°19 | 9°27 | 8°46 | S 12 |
| M13 | 1 27 19 | 19°56'18 | 26°11 | 18°34 | 7°32 | 19°39 | 17°32 | 8°33 | 24° 4 | 18°45 | 19°49 | 21°R24 | 21°16 | 9°34 | 8°49 | M13 |
| T 14 | 1 31 15 | 20°55'28 | 8♒12 | 17°27 | 8°41 | 20°16 | 17°44 | 8°31 | 24° 2 | 18°48 | 19°50 | 21°D24 | 21°13 | 9°40 | 8°52 | T 14 |
| W15 | 1 35 12 | 21°54'39 | 20°24 | 16°24 | 9°50 | 20°54 | 17°56 | 8°28 | 24° 0 | 18°50 | 19°51 | 21°24 | 21°10 | 9°47 | 8°54 | W15 |
| T 16 | 1 39 9 | 22°53'52 | 2♓51 | 15°27 | 10°59 | 21°31 | 18° 8 | 8°26 | 23°58 | 18°52 | 19°52 | 21°24 | 21° 7 | 9°54 | 8°57 | T 16 |
| F 17 | 1 43 5 | 23°53'06 | 15°35 | 14°38 | 12° 8 | 22° 9 | 18°20 | 8°23 | 23°56 | 18°54 | 19°53 | 21°25 | 21° 4 | 10° 1 | 9° 0 | F 17 |
| S 18 | 1 47 2 | 24°52'23 | 28°40 | 13°57 | 13°17 | 22°46 | 18°31 | 8°20 | 23°54 | 18°56 | 19°54 | 21°25 | 21° 0 | 10° 7 | 9° 3 | S 18 |
| S 19 | 1 50 58 | 25°51'41 | 12♈ 6 | 13°26 | 14°26 | 23°24 | 18°43 | 8°18 | 23°51 | 18°59 | 19°55 | 21°25 | 20°57 | 10°14 | 9° 6 | S 19 |
| M20 | 1 54 55 | 26°51'01 | 25°51 | 13° 6 | 15°36 | 24° 1 | 18°54 | 8°15 | 23°49 | 19° 1 | 19°56 | 21°R25 | 20°54 | 10°21 | 9°10 | M20 |
| T 21 | 1 58 51 | 27°50'24 | 9♉54 | 12°D57 | 16°45 | 24°38 | 19° 6 | 8°12 | 23°47 | 19° 3 | 19°57 | 21°25 | 20°51 | 10°27 | 9°13 | T 21 |
| W22 | 2 2 48 | 28°49'48 | 24°10 | 12°59 | 17°55 | 25°16 | 19°17 | 8° 8 | 23°45 | 19° 5 | 19°58 | 21°24 | 20°48 | 10°34 | 9°16 | W22 |
| T 23 | 2 6 44 | 29°49'15 | 8♊35 | 13°12 | 19° 5 | 25°53 | 19°29 | 8° 5 | 23°43 | 19° 7 | 19°59 | 21°23 | 20°44 | 10°41 | 9°19 | T 23 |
| F 24 | 2 10 41 | 0♏48'44 | 23° 3 | 13°35 | 20°15 | 26°31 | 19°40 | 8° 2 | 23°41 | 19°10 | 19°59 | 21°22 | 20°41 | 10°48 | 9°23 | F 24 |
| S 25 | 2 14 38 | 1°48'15 | 7♋29 | 14° 7 | 21°25 | 27° 8 | 19°51 | 7°58 | 23°38 | 19°12 | 20° 0 | 21°21 | 20°38 | 10°54 | 9°26 | S 25 |
| S 26 | 2 18 34 | 2°47'49 | 21°49 | 14°49 | 22°36 | 27°45 | 20° 2 | 7°55 | 23°36 | 19°14 | 20° 1 | 21°21 | 20°35 | 11° 1 | 9°30 | S 26 |
| M27 | 2 22 31 | 3°47'24 | 6♌ 0 | 15°39 | 23°46 | 28°23 | 20°13 | 7°51 | 23°34 | 19°16 | 20° 1 | 21°D20 | 20°32 | 11° 8 | 9°34 | M27 |
| T 28 | 2 26 27 | 4°47'02 | 19°59 | 16°37 | 24°57 | 29° 0 | 20°24 | 7°48 | 23°32 | 19°18 | 20° 2 | 21°21 | 20°29 | 11°15 | 9°38 | T 28 |
| W29 | 2 30 24 | 5°46'43 | 3♍47 | 17°41 | 26° 8 | 29°37 | 20°35 | 7°44 | 23°29 | 19°21 | 20° 3 | 21°22 | 20°25 | 11°21 | 9°41 | W29 |
| T 30 | 2 34 20 | 6°46'25 | 17°21 | 18°51 | 27°18 | 0♎15 | 20°46 | 7°40 | 23°27 | 19°23 | 20° 3 | 21°23 | 20°22 | 11°28 | 9°45 | T 30 |
| F 31 | 2 38 17 | 7♏46'10 | 0♎43 | 20♎ 6 | 28♍29 | 0♎52 | 20♍57 | 7♊37 | 23♉25 | 19♎25 | 20♌ 4 | 21♎24 | 20♎19 | 11♉35 | 9♉49 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 3s13 | 9n29 | 4s28 | 14s21 | 3s51 | 12n56 | 0s33 | 8n 8 | 1n13 | 6n42 | 0n54 | 19n37 | 2s 8 | 18n30 | 0s20 | 5s48 | 1n29 | 21n 4 | 6n30 | 8s20 | 8s31 | 18s 8 | 16s17 | 6n51 |
| T 2 | 3 37 | 5 23 | 3 40 | 14 16 | 3 50 | 12 39 | 0 29 | 7 54 | 1 13 | 6 37 | 0 54 | 19 37 | 2 8 | 18 30 | 0 20 | 5 48 | 1 29 | 21 4 | 6 30 | 8 20 | 8 30 | 18 7 | 16 17 | 6 50 |
| F 3 | 4 0 | 1 4 | 2 40 | 14 7 | 3 48 | 12 21 | 0 24 | 7 39 | 1 14 | 6 32 | 0 55 | 19 37 | 2 8 | 18 30 | 0 20 | 5 49 | 1 29 | 21 4 | 6 31 | 8 19 | 8 28 | 18 7 | 16 18 | 6 50 |
| S 4 | 4 23 | 3s15 | 1 31 | 13 53 | 3 44 | 12 2 | 0 19 | 7 25 | 1 14 | 6 28 | 0 55 | 19 36 | 2 8 | 18 29 | 0 20 | 5 50 | 1 29 | 21 4 | 6 31 | 8 19 | 8 27 | 18 6 | 16 18 | 6 49 |
| S 5 | 4 46 | 7 20 | 0 19 | 13 36 | 3 38 | 11 44 | 0 15 | 7 10 | 1 14 | 6 23 | 0 55 | 19 36 | 2 8 | 18 29 | 0 20 | 5 51 | 1 29 | 21 3 | 6 31 | 8 19 | 8 26 | 18 6 | 16 19 | 6 49 |
| M 6 | 5 8 | 10 58 | 0n53 | 13 14 | 3 31 | 11 25 | 0 10 | 6 56 | 1 14 | 6 18 | 0 55 | 19 36 | 2 9 | 18 28 | 0 20 | 5 52 | 1 29 | 21 3 | 6 31 | 8 19 | 8 25 | 18 5 | 16 19 | 6 48 |
| T 7 | 5 31 | 14 0 | 2 1 | 12 48 | 3 22 | 11 5 | 0 6 | 6 41 | 1 14 | 6 14 | 0 55 | 19 35 | 2 9 | 18 28 | 0 20 | 5 53 | 1 29 | 21 3 | 6 31 | 8 19 | 8 24 | 18 4 | 16 19 | 6 48 |
| W 8 | 5 54 | 16 19 | 3 1 | 12 17 | 3 11 | 10 45 | 0 2 | 6 27 | 1 14 | 6 9 | 0 55 | 19 35 | 2 9 | 18 27 | 0 20 | 5 53 | 1 29 | 21 3 | 6 32 | 8 19 | 8 23 | 18 4 | 16 20 | 6 47 |
| T 9 | 6 17 | 17 50 | 3 52 | 11 43 | 2 58 | 10 25 | 0n 3 | 6 12 | 1 14 | 6 4 | 0 55 | 19 34 | 2 9 | 18 27 | 0 20 | 5 54 | 1 29 | 21 3 | 6 32 | 8 19 | 8 21 | 18 3 | 16 20 | 6 47 |
| F 10 | 6 39 | 18 31 | 4 32 | 11 5 | 2 44 | 10 5 | 0 7 | 5 58 | 1 14 | 6 0 | 0 55 | 19 34 | 2 9 | 18 27 | 0 20 | 5 55 | 1 29 | 21 3 | 6 32 | 8 19 | 8 20 | 18 2 | 16 21 | 6 46 |
| S 11 | 7 2 | 18 22 | 5 0 | 10 24 | 2 27 | 9 44 | 0 11 | 5 43 | 1 14 | 5 55 | 0 56 | 19 34 | 2 9 | 18 26 | 0 20 | 5 56 | 1 29 | 21 3 | 6 32 | 8 20 | 8 19 | 18 2 | 16 21 | 6 45 |
| S 12 | 7 24 | 17 24 | 5 15 | 9 42 | 2 10 | 9 23 | 0 15 | 5 29 | 1 14 | 5 51 | 0 56 | 19 33 | 2 9 | 18 26 | 0 20 | 5 57 | 1 29 | 21 2 | 6 33 | 8 20 | 8 18 | 18 1 | 16 21 | 6 45 |
| M13 | 7 47 | 15 41 | 5 16 | 8 58 | 1 51 | 9 1 | 0 19 | 5 14 | 1 14 | 5 46 | 0 56 | 19 33 | 2 9 | 18 25 | 0 20 | 5 58 | 1 29 | 21 2 | 6 33 | 8 20 | 8 17 | 18 1 | 16 22 | 6 44 |
| T 14 | 8 9 | 13 17 | 5 4 | 8 14 | 1 31 | 8 39 | 0 23 | 4 59 | 1 14 | 5 42 | 0 56 | 19 32 | 2 10 | 18 25 | 0 20 | 5 59 | 1 29 | 21 2 | 6 33 | 8 20 | 8 15 | 18 0 | 16 22 | 6 44 |
| W15 | 8 31 | 10 15 | 4 38 | 7 31 | 1 10 | 8 17 | 0 27 | 4 45 | 1 14 | 5 37 | 0 56 | 19 32 | 2 10 | 18 24 | 0 20 | 5 59 | 1 29 | 21 2 | 6 33 | 8 20 | 8 14 | 17 59 | 16 22 | 6 43 |
| T 16 | 8 53 | 6 44 | 3 58 | 6 50 | 0 50 | 7 55 | 0 31 | 4 30 | 1 15 | 5 33 | 0 56 | 19 31 | 2 10 | 18 24 | 0 20 | 6 0 | 1 29 | 21 2 | 6 33 | 8 20 | 8 13 | 17 59 | 16 23 | 6 43 |
| F 17 | 9 15 | 2 48 | 3 6 | 6 12 | 0 29 | 7 32 | 0 35 | 4 15 | 1 15 | 5 28 | 0 56 | 19 31 | 2 10 | 18 23 | 0 20 | 6 1 | 1 29 | 21 2 | 6 34 | 8 20 | 8 12 | 17 58 | 16 23 | 6 42 |
| S 18 | 9 36 | 1n21 | 2 3 | 5 38 | 0 9 | 7 9 | 0 38 | 4 0 | 1 15 | 5 24 | 0 56 | 19 30 | 2 10 | 18 23 | 0 20 | 6 2 | 1 29 | 21 2 | 6 34 | 8 20 | 8 11 | 17 57 | 16 23 | 6 42 |
| S 19 | 9 58 | 5 34 | 0 51 | 5 9 | 0n 9 | 6 45 | 0 42 | 3 46 | 1 15 | 5 19 | 0 57 | 19 29 | 2 10 | 18 22 | 0 20 | 6 3 | 1 29 | 21 2 | 6 34 | 8 20 | 8 9 | 17 57 | 16 24 | 6 41 |
| M20 | 10 19 | 9 35 | 0s25 | 4 45 | 0 27 | 6 22 | 0 45 | 3 31 | 1 15 | 5 15 | 0 57 | 19 29 | 2 10 | 18 22 | 0 20 | 6 4 | 1 29 | 21 2 | 6 34 | 8 20 | 8 8 | 17 56 | 16 24 | 6 41 |
| T 21 | 10 41 | 13 9 | 1 41 | 4 26 | 0 44 | 5 58 | 0 49 | 3 16 | 1 15 | 5 11 | 0 57 | 19 28 | 2 10 | 18 21 | 0 20 | 6 4 | 1 29 | 21 2 | 6 35 | 8 20 | 8 7 | 17 55 | 16 24 | 6 40 |
| W22 | 11 2 | 15 59 | 2 52 | 4 13 | 0 59 | 5 34 | 0 52 | 3 1 | 1 15 | 5 6 | 0 57 | 19 28 | 2 11 | 18 21 | 0 20 | 6 5 | 1 29 | 21 2 | 6 35 | 8 20 | 8 6 | 17 55 | 16 24 | 6 40 |
| T 23 | 11 23 | 17 51 | 3 53 | 4 5 | 1 12 | 5 10 | 0 55 | 2 47 | 1 15 | 5 2 | 0 57 | 19 27 | 2 11 | 18 20 | 0 20 | 6 6 | 1 29 | 21 2 | 6 35 | 8 19 | 8 5 | 17 54 | 16 25 | 6 39 |
| F 24 | 11 44 | 18 33 | 4 39 | 4 3 | 1 24 | 4 45 | 0 59 | 2 32 | 1 15 | 4 58 | 0 57 | 19 26 | 2 11 | 18 20 | 0 20 | 6 7 | 1 29 | 21 2 | 6 35 | 8 19 | 8 4 | 17 53 | 16 25 | 6 39 |
| S 25 | 12 4 | 18 3 | 5 7 | 4 6 | 1 34 | 4 20 | 1 2 | 2 17 | 1 15 | 4 53 | 0 57 | 19 26 | 2 11 | 18 19 | 0 20 | 6 8 | 1 29 | 21 2 | 6 36 | 8 19 | 8 2 | 17 53 | 16 25 | 6 38 |
| S 26 | 12 25 | 16 24 | 5 16 | 4 15 | 1 43 | 3 55 | 1 5 | 2 2 | 1 15 | 4 49 | 0 58 | 19 25 | 2 11 | 18 18 | 0 20 | 6 8 | 1 29 | 21 2 | 6 36 | 8 18 | 8 1 | 17 52 | 16 25 | 6 38 |
| M27 | 12 45 | 13 47 | 5 6 | 4 27 | 1 50 | 3 30 | 1 8 | 1 47 | 1 15 | 4 45 | 0 58 | 19 25 | 2 11 | 18 18 | 0 20 | 6 9 | 1 29 | 21 2 | 6 36 | 8 18 | 8 0 | 17 51 | 16 26 | 6 38 |
| T 28 | 13 5 | 10 23 | 4 38 | 4 44 | 1 56 | 3 5 | 1 10 | 1 33 | 1 15 | 4 41 | 0 58 | 19 24 | 2 11 | 18 17 | 0 20 | 6 10 | 1 29 | 21 2 | 6 36 | 8 18 | 7 59 | 17 51 | 16 26 | 6 37 |
| W29 | 13 25 | 6 28 | 3 54 | 5 4 | 2 0 | 2 39 | 1 13 | 1 18 | 1 15 | 4 37 | 0 58 | 19 23 | 2 11 | 18 17 | 0 20 | 6 11 | 1 29 | 21 2 | 6 37 | 8 19 | 7 58 | 17 50 | 16 26 | 6 37 |
| T 30 | 13 45 | 2 16 | 2 57 | 5 28 | 2 3 | 2 14 | 1 16 | 1 3 | 1 15 | 4 33 | 0 58 | 19 23 | 2 11 | 18 16 | 0 20 | 6 12 | 1 29 | 21 2 | 6 37 | 8 19 | 7 56 | 17 49 | 16 26 | 6 36 |
| F 31 | 14s 4 | 2s 0 | 1s52 | 5s54 | 2n 5 | 1n48 | 1n18 | 0n48 | 1n15 | 4n28 | 0n58 | 19n22 | 2s11 | 18n16 | 0s20 | 6s12 | 1n29 | 21n 2 | 6n37 | 8s20 | 7s55 | 17s49 | 16s26 | 6n36 |

Julian Day Number = 2613255.5, Delta T = 10m47s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'50, Lahiri = 30°02'51


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## NOVEMBER 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 42 13 | 8♏45'56 | 13♎52 | 21♎26 | 29♍41 | 1♎29 | 21♍ 8 | 7°R33 | 23°R22 | 19♎27 | 20♌ 5 | 21♎25 | 20♎16 | 11♑41 | 9♑53 | S 1 |
| S 2 | 2 46 10 | 9°45'45 | 26°47 | 22°49 | 0♎52 | 2° 6 | 21°18 | 7♊29 | 23♉20 | 19°29 | 20° 5 | 21°R25 | 20°13 | 11°48 | 9°57 | S 2 |
| M 3 | 2 50 7 | 10°45'36 | 9♏31 | 24°15 | 2° 3 | 2°44 | 21°29 | 7°25 | 23°17 | 19°31 | 20° 6 | 21°24 | 20°10 | 11°55 | 10° 1 | M 3 |
| T 4 | 2 54 3 | 11°45'29 | 22° 1 | 25°44 | 3°15 | 3°21 | 21°39 | 7°20 | 23°15 | 19°33 | 20° 6 | 21°22 | 20° 6 | 12° 2 | 10° 6 | T 4 |
| W 5 | 2 58 0 | 12°45'24 | 4♐21 | 27°15 | 4°26 | 3°58 | 21°49 | 7°16 | 23°13 | 19°35 | 20° 7 | 21°19 | 20° 3 | 12° 8 | 10°10 | W 5 |
| T 6 | 3 1 56 | 13°45'20 | 16°29 | 28°48 | 5°38 | 4°35 | 22° 0 | 7°12 | 23°10 | 19°38 | 20° 7 | 21°16 | 20° 0 | 12°15 | 10°14 | T 6 |
| F 7 | 3 5 53 | 14°45'19 | 28°29 | 0♏22 | 6°50 | 5°12 | 22°10 | 7° 8 | 23° 8 | 19°40 | 20° 7 | 21°12 | 19°57 | 12°22 | 10°19 | F 7 |
| S 8 | 3 9 49 | 15°45'19 | 10♑24 | 1°58 | 8° 2 | 5°50 | 22°20 | 7° 3 | 23° 5 | 19°42 | 20° 8 | 21° 8 | 19°54 | 12°28 | 10°23 | S 8 |
| S 9 | 3 13 46 | 16°45'20 | 22°15 | 3°34 | 9°14 | 6°27 | 22°30 | 6°59 | 23° 3 | 19°44 | 20° 8 | 21° 5 | 19°50 | 12°35 | 10°28 | S 9 |
| M10 | 3 17 42 | 17°45'23 | 4♒ 8 | 5°11 | 10°26 | 7° 4 | 22°40 | 6°55 | 23° 0 | 19°46 | 20° 8 | 21° 2 | 19°47 | 12°42 | 10°32 | M10 |
| T 11 | 3 21 39 | 18°45'28 | 16° 6 | 6°48 | 11°38 | 7°41 | 22°49 | 6°50 | 22°58 | 19°48 | 20° 9 | 21°D 1 | 19°44 | 12°49 | 10°37 | T 11 |
| W12 | 3 25 36 | 19°45'34 | 28°14 | 8°25 | 12°50 | 8°18 | 22°59 | 6°46 | 22°55 | 19°50 | 20° 9 | 21° 2 | 19°41 | 12°55 | 10°42 | W12 |
| T 13 | 3 29 32 | 20°45'42 | 10♓38 | 10° 3 | 14° 2 | 8°55 | 23° 9 | 6°41 | 22°53 | 19°52 | 20° 9 | 21° 3 | 19°38 | 13° 2 | 10°46 | T 13 |
| F 14 | 3 33 29 | 21°45'52 | 23°21 | 11°41 | 15°15 | 9°32 | 23°18 | 6°36 | 22°50 | 19°54 | 20° 9 | 21° 5 | 19°35 | 13° 9 | 10°51 | F 14 |
| S 15 | 3 37 25 | 22°46'02 | 6♈27 | 13°19 | 16°27 | 10° 9 | 23°27 | 6°32 | 22°48 | 19°56 | 20°10 | 21° 6 | 19°31 | 13°16 | 10°56 | S 15 |
| S 16 | 3 41 22 | 23°46'15 | 19°59 | 14°57 | 17°40 | 10°46 | 23°37 | 6°27 | 22°45 | 19°58 | 20°10 | 21°R 7 | 19°28 | 13°22 | 11° 1 | S 16 |
| M17 | 3 45 18 | 24°46'29 | 3♉57 | 16°35 | 18°53 | 11°23 | 23°46 | 6°22 | 22°43 | 20° 0 | 20°10 | 21° 6 | 19°25 | 13°29 | 11° 6 | M17 |
| T 18 | 3 49 15 | 25°46'44 | 18°19 | 18°12 | 20° 5 | 12° 0 | 23°55 | 6°17 | 22°40 | 20° 1 | 20°10 | 21° 4 | 19°22 | 13°36 | 11°11 | T 18 |
| W19 | 3 53 11 | 26°47'02 | 3♊ 0 | 19°49 | 21°18 | 12°36 | 24° 4 | 6°13 | 22°38 | 20° 3 | 20°10 | 21° 0 | 19°19 | 13°42 | 11°16 | W19 |
| T 20 | 3 57 8 | 27°47'21 | 17°53 | 21°27 | 22°31 | 13°13 | 24°13 | 6° 8 | 22°35 | 20° 5 | 20°10 | 20°55 | 19°16 | 13°49 | 11°21 | T 20 |
| F 21 | 4 1 5 | 28°47'42 | 2♋49 | 23° 4 | 23°44 | 13°50 | 24°21 | 6° 3 | 22°33 | 20° 7 | 20°R10 | 20°49 | 19°12 | 13°56 | 11°26 | F 21 |
| S 22 | 4 5 1 | 29°48'04 | 17°40 | 24°40 | 24°57 | 14°27 | 24°30 | 5°58 | 22°31 | 20° 9 | 20°10 | 20°43 | 19° 9 | 14° 3 | 11°32 | S 22 |
| S 23 | 4 8 58 | 0♐48'29 | 2♌19 | 26°17 | 26°10 | 15° 4 | 24°38 | 5°53 | 22°28 | 20°11 | 20°10 | 20°39 | 19° 6 | 14° 9 | 11°37 | S 23 |
| M24 | 4 12 54 | 1°48'55 | 16°39 | 27°53 | 27°23 | 15°41 | 24°47 | 5°49 | 22°26 | 20°12 | 20°10 | 20°36 | 19° 3 | 14°16 | 11°42 | M24 |
| T 25 | 4 16 51 | 2°49'23 | 0♍40 | 29°29 | 28°37 | 16°17 | 24°55 | 5°44 | 22°23 | 20°14 | 20°10 | 20°D35 | 19° 0 | 14°23 | 11°47 | T 25 |
| W26 | 4 20 47 | 3°49'53 | 14°19 | 1♐ 5 | 29°50 | 16°54 | 25° 3 | 5°39 | 22°21 | 20°16 | 20°10 | 20°35 | 18°56 | 14°30 | 11°53 | W26 |
| T 27 | 4 24 44 | 4°50'25 | 27°39 | 2°40 | 1♏ 4 | 17°31 | 25°11 | 5°34 | 22°18 | 20°18 | 20°10 | 20°37 | 18°53 | 14°36 | 11°58 | T 27 |
| F 28 | 4 28 40 | 5°50'58 | 10♎42 | 4°15 | 2°17 | 18° 8 | 25°18 | 5°29 | 22°16 | 20°19 | 20° 9 | 20°38 | 18°50 | 14°43 | 12° 4 | F 28 |
| S 29 | 4 32 37 | 6°51'33 | 23°30 | 5°50 | 3°31 | 18°44 | 25°26 | 5°24 | 22°14 | 20°21 | 20° 9 | 20°R38 | 18°47 | 14°50 | 12° 9 | S 29 |
| S 30 | 4 36 34 | 7♐52'10 | 6♏ 6 | 7♐25 | 4♏44 | 19♎21 | 25♍34 | 5♊19 | 22♉11 | 20♎23 | 20♌ 9 | 20♎37 | 18♎44 | 14♑56 | 12♑15 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s23 | 6s 6 | 0s42 | 6s23 | 2n 6 | 1n22 | 1n21 | 0n34 | 1n15 | 4n24 | 0n59 | 19n21 | 2s11 | 18n15 | 0s20 | 6s13 | 1n29 | 21n 2 | 6n37 | 8s20 | 7s54 | 17s48 | 16s26 | 6n35 |
| S 2 | 14 42 | 9 51 | 0n30 | 6 54 | 2 6 | 0 56 | 1 23 | 0 19 | 1 15 | 4 20 | 0 59 | 19 21 | 2 11 | 18 14 | 0 20 | 6 14 | 1 29 | 21 2 | 6 38 | 8 20 | 7 53 | 17 47 | 16 27 | 6 35 |
| M 3 | 15 1 | 13 4 | 1 38 | 7 27 | 2 5 | 0 30 | 1 25 | 0 4 | 1 15 | 4 16 | 0 59 | 19 20 | 2 11 | 18 14 | 0 20 | 6 15 | 1 29 | 21 2 | 6 38 | 8 20 | 7 52 | 17 46 | 16 27 | 6 34 |
| T 4 | 15 19 | 15 38 | 2 41 | 8 1 | 2 3 | 0 3 | 1 28 | 0s11 | 1 15 | 4 12 | 0 59 | 19 19 | 2 12 | 18 13 | 0 20 | 6 16 | 1 29 | 21 2 | 6 38 | 8 19 | 7 50 | 17 46 | 16 27 | 6 34 |
| W 5 | 15 38 | 17 26 | 3 35 | 8 35 | 2 1 | 0s23 | 1 30 | 0 25 | 1 15 | 4 9 | 0 59 | 19 18 | 2 12 | 18 13 | 0 20 | 6 16 | 1 29 | 21 2 | 6 38 | 8 18 | 7 49 | 17 45 | 16 27 | 6 34 |
| T 6 | 15 56 | 18 25 | 4 18 | 9 11 | 1 58 | 0 50 | 1 32 | 0 40 | 1 15 | 4 5 | 0 59 | 19 18 | 2 12 | 18 12 | 0 20 | 6 17 | 1 29 | 21 2 | 6 39 | 8 16 | 7 48 | 17 44 | 16 27 | 6 33 |
| F 7 | 16 13 | 18 33 | 4 50 | 9 48 | 1 54 | 1 16 | 1 34 | 0 55 | 1 15 | 4 1 | 1 0 | 19 17 | 2 12 | 18 11 | 0 20 | 6 18 | 1 29 | 21 2 | 6 39 | 8 15 | 7 47 | 17 44 | 16 27 | 6 33 |
| S 8 | 16 31 | 17 51 | 5 8 | 10 24 | 1 50 | 1 43 | 1 35 | 1 9 | 1 15 | 3 57 | 1 0 | 19 16 | 2 12 | 18 11 | 0 20 | 6 19 | 1 29 | 21 2 | 6 39 | 8 13 | 7 46 | 17 43 | 16 27 | 6 32 |
| S 9 | 16 48 | 16 23 | 5 14 | 11 1 | 1 45 | 2 9 | 1 37 | 1 24 | 1 15 | 3 53 | 1 0 | 19 15 | 2 12 | 18 10 | 0 20 | 6 19 | 1 29 | 21 2 | 6 39 | 8 12 | 7 44 | 17 42 | 16 27 | 6 32 |
| M10 | 17 5 | 14 13 | 5 6 | 11 38 | 1 40 | 2 36 | 1 39 | 1 39 | 1 15 | 3 50 | 1 0 | 19 15 | 2 12 | 18 10 | 0 20 | 6 20 | 1 29 | 21 3 | 6 40 | 8 11 | 7 43 | 17 41 | 16 27 | 6 32 |
| T 11 | 17 22 | 11 27 | 4 44 | 12 15 | 1 35 | 3 3 | 1 40 | 1 53 | 1 15 | 3 46 | 1 0 | 19 14 | 2 12 | 18 9 | 0 20 | 6 21 | 1 29 | 21 3 | 6 40 | 8 11 | 7 42 | 17 41 | 16 27 | 6 31 |
| W12 | 17 38 | 8 8 | 4 10 | 12 52 | 1 29 | 3 30 | 1 42 | 2 8 | 1 15 | 3 42 | 1 0 | 19 13 | 2 12 | 18 8 | 0 20 | 6 21 | 1 29 | 21 3 | 6 40 | 8 11 | 7 41 | 17 40 | 16 27 | 6 31 |
| T 13 | 17 54 | 4 25 | 3 24 | 13 29 | 1 23 | 3 56 | 1 43 | 2 22 | 1 15 | 3 39 | 1 1 | 19 12 | 2 12 | 18 8 | 0 20 | 6 22 | 1 29 | 21 3 | 6 40 | 8 12 | 7 40 | 17 39 | 16 27 | 6 31 |
| F 14 | 18 10 | 0 24 | 2 26 | 14 5 | 1 17 | 4 23 | 1 44 | 2 37 | 1 15 | 3 35 | 1 1 | 19 12 | 2 12 | 18 7 | 0 20 | 6 23 | 1 29 | 21 3 | 6 41 | 8 12 | 7 38 | 17 39 | 16 27 | 6 30 |
| S 15 | 18 25 | 3n46 | 1 19 | 14 40 | 1 11 | 4 50 | 1 46 | 2 51 | 1 15 | 3 32 | 1 1 | 19 11 | 2 12 | 18 7 | 0 20 | 6 24 | 1 29 | 21 3 | 6 41 | 8 13 | 7 37 | 17 38 | 16 27 | 6 30 |
| S 16 | 18 40 | 7 53 | 0 6 | 15 15 | 1 4 | 5 16 | 1 47 | 3 6 | 1 15 | 3 28 | 1 1 | 19 10 | 2 12 | 18 6 | 0 20 | 6 24 | 1 29 | 21 4 | 6 41 | 8 13 | 7 36 | 17 37 | 16 27 | 6 29 |
| M17 | 18 55 | 11 43 | 1s10 | 15 49 | 0 58 | 5 43 | 1 48 | 3 20 | 1 15 | 3 25 | 1 1 | 19 9 | 2 12 | 18 5 | 0 20 | 6 25 | 1 29 | 21 4 | 6 41 | 8 13 | 7 35 | 17 36 | 16 27 | 6 29 |
| T 18 | 19 9 | 14 57 | 2 23 | 16 23 | 0 51 | 6 9 | 1 49 | 3 35 | 1 15 | 3 21 | 1 2 | 19 8 | 2 12 | 18 5 | 0 20 | 6 26 | 1 29 | 21 4 | 6 42 | 8 12 | 7 34 | 17 36 | 16 27 | 6 29 |
| W19 | 19 23 | 17 18 | 3 28 | 16 56 | 0 45 | 6 36 | 1 49 | 3 49 | 1 15 | 3 18 | 1 2 | 19 8 | 2 12 | 18 4 | 0 20 | 6 26 | 1 29 | 21 4 | 6 42 | 8 11 | 7 32 | 17 35 | 16 27 | 6 28 |
| T 20 | 19 37 | 18 30 | 4 20 | 17 28 | 0 38 | 7 2 | 1 50 | 4 3 | 1 15 | 3 15 | 1 2 | 19 7 | 2 12 | 18 3 | 0 20 | 6 27 | 1 30 | 21 4 | 6 42 | 8 9 | 7 31 | 17 34 | 16 27 | 6 28 |
| F 21 | 19 50 | 18 26 | 4 55 | 18 0 | 0 31 | 7 28 | 1 51 | 4 18 | 1 15 | 3 11 | 1 2 | 19 6 | 2 12 | 18 3 | 0 20 | 6 28 | 1 30 | 21 5 | 6 42 | 8 6 | 7 30 | 17 33 | 16 27 | 6 28 |
| S 22 | 20 3 | 17 6 | 5 10 | 18 30 | 0 24 | 7 55 | 1 51 | 4 32 | 1 15 | 3 8 | 1 2 | 19 5 | 2 12 | 18 2 | 0 20 | 6 28 | 1 30 | 21 5 | 6 43 | 8 4 | 7 29 | 17 33 | 16 27 | 6 28 |
| S 23 | 20 16 | 14 40 | 5 4 | 19 0 | 0 17 | 8 21 | 1 52 | 4 46 | 1 15 | 3 5 | 1 3 | 19 5 | 2 12 | 18 2 | 0 20 | 6 29 | 1 30 | 21 5 | 6 43 | 8 3 | 7 28 | 17 32 | 16 27 | 6 27 |
| M24 | 20 28 | 11 22 | 4 39 | 19 28 | 0 10 | 8 46 | 1 52 | 5 0 | 1 15 | 3 2 | 1 3 | 19 4 | 2 12 | 18 1 | 0 20 | 6 30 | 1 30 | 21 5 | 6 43 | 8 2 | 7 26 | 17 31 | 16 26 | 6 27 |
| T 25 | 20 40 | 7 30 | 3 58 | 19 56 | 0 3 | 9 12 | 1 52 | 5 14 | 1 15 | 2 59 | 1 3 | 19 3 | 2 11 | 18 0 | 0 20 | 6 30 | 1 30 | 21 6 | 6 43 | 8 1 | 7 25 | 17 30 | 16 26 | 6 27 |
| W26 | 20 52 | 3 20 | 3 4 | 20 23 | 0s 3 | 9 38 | 1 52 | 5 28 | 1 15 | 2 56 | 1 3 | 19 2 | 2 11 | 18 0 | 0 20 | 6 31 | 1 30 | 21 6 | 6 44 | 8 1 | 7 24 | 17 30 | 16 26 | 6 26 |
| T 27 | 21 3 | 0s55 | 2 1 | 20 48 | 0 10 | 10 3 | 1 53 | 5 42 | 1 15 | 2 53 | 1 4 | 19 1 | 2 11 | 17 59 | 0 20 | 6 31 | 1 30 | 21 6 | 6 44 | 8 2 | 7 23 | 17 29 | 16 26 | 6 26 |
| F 28 | 21 14 | 5 3 | 0 54 | 21 13 | 0 17 | 10 28 | 1 53 | 5 56 | 1 15 | 2 50 | 1 4 | 19 1 | 2 11 | 17 59 | 0 19 | 6 32 | 1 30 | 21 7 | 6 44 | 8 2 | 7 22 | 17 28 | 16 26 | 6 26 |
| S 29 | 21 24 | 8 52 | 0n15 | 21 37 | 0 23 | 10 53 | 1 52 | 6 10 | 1 15 | 2 47 | 1 4 | 19 0 | 2 11 | 17 58 | 0 19 | 6 33 | 1 30 | 21 7 | 6 44 | 8 2 | 7 20 | 17 27 | 16 25 | 6 26 |
| S 30 | 21s34 | 12s13 | 1n22 | 21s59 | 0s30 | 11s18 | 1n52 | 6s24 | 1n15 | 2n45 | 1n 4 | 18n59 | 2s11 | 17n57 | 0s19 | 6s33 | 1n30 | 21n 7 | 6n45 | 8s 2 | 7s19 | 17s26 | 16s25 | 6n25 |

Julian Day Number = 2613286.5, Delta T = 10m48s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'54, Lahiri = 30°02'55


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# ASTRODIENST EPHEMERIS for the year 2442
# geocentric

## DECEMBER 2442 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 4 40 30 | 8♐52'49 | 18♏31 | 9♐ 0 | 5♏58 | 19♎58 | 25♍41 | 5°R14 | 22°R 9 | 20♎24 | 20°R 9 | 20°R33 | 18♎41 | 15♉ 3 | 12♉20 | M 1 |
| T 2 | 4 44 27 | 9°53'29 | 0♑47 | 10°35 | 7°12 | 20°34 | 25°48 | 5♊ 9 | 22♉ 7 | 20°26 | 20♌ 8 | 20♎27 | 18°37 | 15°10 | 12°26 | T 2 |
| W 3 | 4 48 23 | 10°54'10 | 12°55 | 12° 9 | 8°25 | 21°11 | 25°56 | 5° 4 | 22° 4 | 20°28 | 20° 8 | 20°19 | 18°34 | 15°17 | 12°32 | W 3 |
| T 4 | 4 52 20 | 11°54'53 | 24°57 | 13°43 | 9°39 | 21°47 | 26° 2 | 5° 0 | 22° 2 | 20°29 | 20° 8 | 20° 9 | 18°31 | 15°23 | 12°37 | T 4 |
| F 5 | 4 56 16 | 12°55'37 | 6♉53 | 15°17 | 10°53 | 22°24 | 26° 9 | 4°55 | 22° 0 | 20°31 | 20° 7 | 19°58 | 18°28 | 15°30 | 12°43 | F 5 |
| S 6 | 5 0 13 | 13°56'22 | 18°46 | 16°51 | 12° 7 | 23° 0 | 26°16 | 4°50 | 21°57 | 20°32 | 20° 7 | 19°47 | 18°25 | 15°37 | 12°49 | S 6 |
| S 7 | 5 4 9 | 14°57'08 | 0♒36 | 18°25 | 13°21 | 23°37 | 26°23 | 4°45 | 21°55 | 20°34 | 20° 7 | 19°38 | 18°22 | 15°43 | 12°55 | S 7 |
| M 8 | 5 8 6 | 15°57'56 | 12°28 | 19°59 | 14°35 | 24°13 | 26°29 | 4°40 | 21°53 | 20°35 | 20° 6 | 19°30 | 18°18 | 15°50 | 13° 1 | M 8 |
| T 9 | 5 12 3 | 16°58'44 | 24°24 | 21°33 | 15°49 | 24°50 | 26°35 | 4°36 | 21°51 | 20°37 | 20° 6 | 19°25 | 18°15 | 15°57 | 13° 6 | T 9 |
| W10 | 5 15 59 | 17°59'33 | 6♓29 | 23° 7 | 17° 3 | 25°26 | 26°41 | 4°31 | 21°49 | 20°38 | 20° 5 | 19°22 | 18°12 | 16° 4 | 13°12 | W10 |
| T 11 | 5 19 56 | 19° 0'23 | 18°47 | 24°41 | 18°17 | 26° 2 | 26°47 | 4°26 | 21°46 | 20°39 | 20° 5 | 19°D21 | 18° 9 | 16°10 | 13°18 | T 11 |
| F 12 | 5 23 52 | 20° 1'14 | 1♈23 | 26°14 | 19°31 | 26°39 | 26°53 | 4°22 | 21°44 | 20°41 | 20° 4 | 19°22 | 18° 6 | 16°17 | 13°24 | F 12 |
| S 13 | 5 27 49 | 21° 2'05 | 14°22 | 27°48 | 20°45 | 27°15 | 26°59 | 4°17 | 21°42 | 20°42 | 20° 3 | 19°R23 | 18° 2 | 16°24 | 13°30 | S 13 |
| S 14 | 5 31 45 | 22° 2'57 | 27°49 | 29°22 | 22° 0 | 27°51 | 27° 4 | 4°13 | 21°40 | 20°43 | 20° 3 | 19°22 | 17°59 | 16°31 | 13°36 | S 14 |
| M15 | 5 35 42 | 23° 3'50 | 11♉45 | 0♉55 | 23°14 | 28°27 | 27° 9 | 4° 8 | 21°38 | 20°45 | 20° 2 | 19°20 | 17°56 | 16°37 | 13°42 | M15 |
| T 16 | 5 39 38 | 24° 4'44 | 26°11 | 2°29 | 24°28 | 29° 3 | 27°15 | 4° 4 | 21°36 | 20°46 | 20° 2 | 19°16 | 17°53 | 16°44 | 13°48 | T 16 |
| W17 | 5 43 35 | 25° 5'39 | 11♊ 2 | 4° 3 | 25°43 | 29°40 | 27°20 | 3°59 | 21°34 | 20°47 | 20° 1 | 19° 8 | 17°50 | 16°51 | 13°54 | W17 |
| T 18 | 5 47 32 | 26° 6'35 | 26°11 | 5°36 | 26°57 | 0♏16 | 27°24 | 3°55 | 21°32 | 20°48 | 20° 0 | 18°59 | 17°47 | 16°57 | 14° 0 | T 18 |
| F 19 | 5 51 28 | 27° 7'31 | 11♋29 | 7°10 | 28°11 | 0°52 | 27°29 | 3°51 | 21°30 | 20°49 | 19°59 | 18°48 | 17°43 | 17° 4 | 14° 6 | F 19 |
| S 20 | 5 55 25 | 28° 8'28 | 26°43 | 8°44 | 29°26 | 1°28 | 27°34 | 3°46 | 21°29 | 20°50 | 19°59 | 18°38 | 17°40 | 17°11 | 14°13 | S 20 |
| S 21 | 5 59 21 | 29° 9'27 | 11♌44 | 10°17 | 0♐40 | 2° 4 | 27°38 | 3°42 | 21°27 | 20°52 | 19°58 | 18°29 | 17°37 | 17°18 | 14°19 | S 21 |
| M22 | 6 3 18 | 0♉10'26 | 26°22 | 11°51 | 1°55 | 2°40 | 27°42 | 3°38 | 21°25 | 20°53 | 19°57 | 18°23 | 17°34 | 17°24 | 14°25 | M22 |
| T 23 | 6 7 14 | 1°11'26 | 10♍35 | 13°24 | 3° 9 | 3°16 | 27°46 | 3°34 | 21°23 | 20°54 | 19°56 | 18°19 | 17°31 | 17°31 | 14°31 | T 23 |
| W24 | 6 11 11 | 2°12'27 | 24°19 | 14°58 | 4°24 | 3°52 | 27°50 | 3°30 | 21°21 | 20°55 | 19°55 | 18°17 | 17°27 | 17°38 | 14°37 | W24 |
| T 25 | 6 15 7 | 3°13'29 | 7♎38 | 16°31 | 5°39 | 4°28 | 27°54 | 3°26 | 21°20 | 20°56 | 19°55 | 18°D17 | 17°24 | 17°45 | 14°43 | T 25 |
| F 26 | 6 19 4 | 4°14'32 | 20°34 | 18° 3 | 6°53 | 5° 3 | 27°57 | 3°22 | 21°18 | 20°56 | 19°54 | 18°R17 | 17°21 | 17°51 | 14°50 | F 26 |
| S 27 | 6 23 1 | 5°15'36 | 3♏12 | 19°36 | 8° 8 | 5°39 | 28° 0 | 3°18 | 21°17 | 20°57 | 19°53 | 18°16 | 17°18 | 17°58 | 14°56 | S 27 |
| S 28 | 6 26 57 | 6°16'41 | 15°35 | 21° 8 | 9°22 | 6°15 | 28° 3 | 3°15 | 21°15 | 20°58 | 19°52 | 18°13 | 17°15 | 18° 5 | 15° 2 | S 28 |
| M29 | 6 30 54 | 7°17'47 | 27°47 | 22°40 | 10°37 | 6°51 | 28° 6 | 3°11 | 21°13 | 20°59 | 19°51 | 18° 7 | 17°12 | 18°11 | 15° 8 | M29 |
| T 30 | 6 34 50 | 8°18'53 | 9♐51 | 24°11 | 11°52 | 7°27 | 28° 9 | 3° 7 | 21°12 | 21° 0 | 19°50 | 17°59 | 17° 8 | 18°18 | 15°15 | T 30 |
| W31 | 6 38 47 | 9♉20'00 | 21♐50 | 25♉41 | 13♐ 7 | 8♏ 2 | 28♍12 | 3♊ 4 | 21♉11 | 21♎ 1 | 19♌49 | 17♎47 | 17♎ 5 | 18♉25 | 15♉21 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 21s44 | 14s59 | 2n24 | 22s21 | 0s36 | 11s43 | 1n52 | 6s38 | 1n14 | 2n42 | 1n 4 | 18n58 | 2s11 | 17n57 | 0s19 | 6s34 | 1n30 | 21n 8 | 6n45 | 8s 1 | 7s18 | 17s26 | 16s25 | 6n25 |
| T 2 | 21 53 | 17 1 | 3 19 | 22 41 | 0 43 | 12 7 | 1 52 | 6 52 | 1 14 | 2 39 | 1 5 | 18 57 | 2 11 | 17 56 | 0 19 | 6 34 | 1 30 | 21 8 | 6 45 | 7 58 | 7 17 | 17 25 | 16 25 | 6 25 |
| W 3 | 22 1 | 18 16 | 4 3 | 23 0 | 0 49 | 12 31 | 1 51 | 7 6 | 1 14 | 2 37 | 1 5 | 18 57 | 2 11 | 17 56 | 0 19 | 6 35 | 1 30 | 21 8 | 6 46 | 7 55 | 7 16 | 17 24 | 16 24 | 6 25 |
| T 4 | 22 10 | 18 41 | 4 36 | 23 18 | 0 55 | 12 55 | 1 51 | 7 19 | 1 14 | 2 34 | 1 5 | 18 56 | 2 11 | 17 55 | 0 19 | 6 35 | 1 30 | 21 9 | 6 46 | 7 51 | 7 14 | 17 23 | 16 24 | 6 24 |
| F 5 | 22 18 | 18 15 | 4 57 | 23 35 | 1 1 | 13 18 | 1 50 | 7 33 | 1 14 | 2 31 | 1 5 | 18 55 | 2 11 | 17 54 | 0 19 | 6 36 | 1 30 | 21 9 | 6 46 | 7 47 | 7 13 | 17 23 | 16 24 | 6 24 |
| S 6 | 22 25 | 17 2 | 5 5 | 23 50 | 1 7 | 13 42 | 1 50 | 7 46 | 1 14 | 2 29 | 1 6 | 18 54 | 2 11 | 17 54 | 0 19 | 6 36 | 1 30 | 21 9 | 6 46 | 7 43 | 7 12 | 17 22 | 16 23 | 6 24 |
| S 7 | 22 32 | 15 6 | 4 59 | 24 5 | 1 13 | 14 5 | 1 49 | 8 0 | 1 14 | 2 27 | 1 6 | 18 54 | 2 10 | 17 53 | 0 19 | 6 37 | 1 30 | 21 10 | 6 46 | 7 40 | 7 11 | 17 21 | 16 23 | 6 24 |
| M 8 | 22 39 | 12 31 | 4 41 | 24 18 | 1 18 | 14 27 | 1 48 | 8 13 | 1 14 | 2 24 | 1 6 | 18 53 | 2 10 | 17 53 | 0 19 | 6 38 | 1 30 | 21 10 | 6 47 | 7 37 | 7 10 | 17 20 | 16 23 | 6 24 |
| T 9 | 22 45 | 9 25 | 4 11 | 24 30 | 1 23 | 14 49 | 1 47 | 8 27 | 1 14 | 2 22 | 1 6 | 18 52 | 2 10 | 17 52 | 0 19 | 6 38 | 1 30 | 21 10 | 6 47 | 7 35 | 7 8 | 17 19 | 16 22 | 6 23 |
| W10 | 22 50 | 5 53 | 3 28 | 24 40 | 1 29 | 15 11 | 1 46 | 8 40 | 1 14 | 2 20 | 1 7 | 18 51 | 2 10 | 17 52 | 0 19 | 6 38 | 1 30 | 21 11 | 6 47 | 7 34 | 7 7 | 17 19 | 16 22 | 6 23 |
| T 11 | 22 56 | 2 2 | 2 36 | 24 50 | 1 33 | 15 33 | 1 45 | 8 53 | 1 14 | 2 18 | 1 7 | 18 51 | 2 10 | 17 51 | 0 19 | 6 39 | 1 30 | 21 11 | 6 47 | 7 33 | 7 6 | 17 18 | 16 22 | 6 23 |
| F 12 | 23 0 | 2n 0 | 1 35 | 24 58 | 1 38 | 15 54 | 1 44 | 9 6 | 1 13 | 2 16 | 1 7 | 18 50 | 2 10 | 17 51 | 0 19 | 6 39 | 1 30 | 21 12 | 6 48 | 7 34 | 7 5 | 17 17 | 16 21 | 6 23 |
| S 13 | 23 5 | 6 4 | 0 27 | 25 4 | 1 43 | 16 15 | 1 43 | 9 20 | 1 13 | 2 14 | 1 7 | 18 49 | 2 10 | 17 50 | 0 19 | 6 40 | 1 31 | 21 12 | 6 48 | 7 34 | 7 4 | 17 16 | 16 21 | 6 23 |
| S 14 | 23 8 | 9 58 | 0s45 | 25 10 | 1 47 | 16 35 | 1 41 | 9 33 | 1 13 | 2 12 | 1 8 | 18 49 | 2 10 | 17 50 | 0 19 | 6 40 | 1 31 | 21 12 | 6 48 | 7 34 | 7 2 | 17 15 | 16 20 | 6 23 |
| M15 | 23 12 | 13 29 | 1 56 | 25 14 | 1 51 | 16 55 | 1 40 | 9 46 | 1 13 | 2 10 | 1 8 | 18 48 | 2 9 | 17 49 | 0 19 | 6 41 | 1 31 | 21 13 | 6 48 | 7 33 | 7 1 | 17 15 | 16 20 | 6 23 |
| T 16 | 23 15 | 16 17 | 3 3 | 25 16 | 1 55 | 17 15 | 1 39 | 9 58 | 1 13 | 2 8 | 1 8 | 18 47 | 2 9 | 17 49 | 0 19 | 6 41 | 1 31 | 21 13 | 6 49 | 7 31 | 7 0 | 17 14 | 16 19 | 6 22 |
| W17 | 23 17 | 18 6 | 3 59 | 25 17 | 1 58 | 17 34 | 1 37 | 10 11 | 1 13 | 2 6 | 1 8 | 18 47 | 2 9 | 17 48 | 0 19 | 6 42 | 1 31 | 21 14 | 6 49 | 7 29 | 6 59 | 17 13 | 16 19 | 6 22 |
| T 18 | 23 19 | 18 41 | 4 39 | 25 17 | 2 1 | 17 52 | 1 36 | 10 24 | 1 13 | 2 5 | 1 9 | 18 46 | 2 9 | 17 48 | 0 19 | 6 42 | 1 31 | 21 14 | 6 49 | 7 25 | 6 57 | 17 12 | 16 19 | 6 22 |
| F 19 | 23 21 | 17 54 | 5 0 | 25 15 | 2 4 | 18 11 | 1 34 | 10 37 | 1 13 | 2 3 | 1 9 | 18 45 | 2 9 | 17 47 | 0 19 | 6 42 | 1 31 | 21 15 | 6 49 | 7 21 | 6 56 | 17 11 | 16 18 | 6 22 |
| S 20 | 23 22 | 15 52 | 4 59 | 25 12 | 2 7 | 18 28 | 1 33 | 10 49 | 1 12 | 2 1 | 1 9 | 18 45 | 2 9 | 17 47 | 0 19 | 6 43 | 1 31 | 21 15 | 6 50 | 7 17 | 6 55 | 17 10 | 16 17 | 6 22 |
| S 21 | 23 23 | 12 46 | 4 38 | 25 8 | 2 9 | 18 46 | 1 31 | 11 2 | 1 12 | 2 0 | 1 9 | 18 44 | 2 8 | 17 46 | 0 19 | 6 43 | 1 31 | 21 16 | 6 50 | 7 14 | 6 54 | 17 10 | 16 17 | 6 22 |
| M22 | 23 23 | 8 57 | 3 59 | 25 2 | 2 11 | 19 2 | 1 29 | 11 14 | 1 12 | 1 59 | 1 10 | 18 44 | 2 8 | 17 46 | 0 19 | 6 43 | 1 31 | 21 16 | 6 50 | 7 11 | 6 53 | 17 9 | 16 16 | 6 22 |
| T 23 | 23 22 | 4 43 | 3 6 | 24 54 | 2 13 | 19 18 | 1 27 | 11 27 | 1 12 | 1 57 | 1 10 | 18 43 | 2 8 | 17 45 | 0 19 | 6 44 | 1 31 | 21 17 | 6 50 | 7 10 | 6 51 | 17 8 | 16 16 | 6 22 |
| W24 | 23 22 | 0 22 | 2 3 | 24 45 | 2 14 | 19 34 | 1 25 | 11 39 | 1 12 | 1 56 | 1 10 | 18 43 | 2 8 | 17 45 | 0 19 | 6 44 | 1 31 | 21 17 | 6 50 | 7 9 | 6 50 | 17 7 | 16 15 | 6 22 |
| T 25 | 23 20 | 3s53 | 0 56 | 24 35 | 2 14 | 19 49 | 1 23 | 11 51 | 1 12 | 1 55 | 1 10 | 18 42 | 2 8 | 17 45 | 0 19 | 6 44 | 1 31 | 21 17 | 6 51 | 7 9 | 6 49 | 17 6 | 16 15 | 6 22 |
| F 26 | 23 19 | 7 50 | 0n12 | 24 23 | 2 15 | 20 4 | 1 21 | 12 3 | 1 11 | 1 54 | 1 11 | 18 41 | 2 7 | 17 44 | 0 19 | 6 45 | 1 31 | 21 18 | 6 51 | 7 9 | 6 48 | 17 5 | 16 14 | 6 22 |
| S 27 | 23 16 | 11 19 | 1 18 | 24 10 | 2 14 | 20 18 | 1 19 | 12 15 | 1 11 | 1 53 | 1 11 | 18 41 | 2 7 | 17 44 | 0 19 | 6 45 | 1 31 | 21 18 | 6 51 | 7 9 | 6 47 | 17 5 | 16 13 | 6 22 |
| S 28 | 23 14 | 14 15 | 2 19 | 23 55 | 2 14 | 20 32 | 1 17 | 12 27 | 1 11 | 1 52 | 1 11 | 18 40 | 2 7 | 17 43 | 0 19 | 6 45 | 1 31 | 21 19 | 6 51 | 7 8 | 6 45 | 17 4 | 16 13 | 6 21 |
| M29 | 23 11 | 16 29 | 3 13 | 23 39 | 2 12 | 20 44 | 1 15 | 12 39 | 1 11 | 1 51 | 1 11 | 18 40 | 2 7 | 17 43 | 0 19 | 6 45 | 1 31 | 21 19 | 6 51 | 7 5 | 6 44 | 17 3 | 16 12 | 6 21 |
| T 30 | 23 7 | 17 58 | 3 57 | 23 22 | 2 10 | 20 57 | 1 13 | 12 51 | 1 11 | 1 50 | 1 12 | 18 39 | 2 7 | 17 43 | 0 19 | 6 46 | 1 31 | 21 20 | 6 52 | 7 2 | 6 43 | 17 2 | 16 12 | 6 21 |
| W31 | 23s 3 | 18s38 | 4n30 | 23s 3 | 2s 8 | 21s 9 | 1n11 | 13s 2 | 1n10 | 1n49 | 1n12 | 18n39 | 2s 6 | 17n42 | 0s19 | 6s46 | 1n31 | 21n20 | 6n52 | 6s58 | 6s42 | 17s 1 | 16s11 | 6n21 |

Julian Day Number = 2613316.5, Delta T = 10m48s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°55'59, Lahiri = 30°02'59


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## JANUARY 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 42 43 | 10♑21'07 | 3♑45 | 27♑10 | 14♐21 | 8♏38 | 28♍14 | 3°R 1 | 21°R 9 | 21♎ 1 | 19°R48 | 17°R33 | 17♎ 2 | 18♑32 | 15♑27 | T 1 |
| F 2 | 6 46 40 | 11°22'15 | 15°38 | 28°38 | 15°36 | 9°13 | 28°16 | 2♊57 | 21♉ 8 | 21° 2 | 19♌47 | 17♎17 | 16°59 | 18°38 | 15°33 | F 2 |
| S 3 | 6 50 37 | 12°23'23 | 27°30 | 0♒ 4 | 16°51 | 9°49 | 28°18 | 2°54 | 21° 7 | 21° 3 | 19°46 | 17° 2 | 16°56 | 18°45 | 15°40 | S 3 |
| S 4 | 6 54 33 | 13°24'31 | 9♒22 | 1°28 | 18° 6 | 10°24 | 28°20 | 2°51 | 21° 5 | 21° 3 | 19°45 | 16°48 | 16°53 | 18°52 | 15°46 | S 4 |
| M 5 | 6 58 30 | 14°25'39 | 21°16 | 2°51 | 19°21 | 11° 0 | 28°21 | 2°48 | 21° 4 | 21° 4 | 19°44 | 16°37 | 16°49 | 18°58 | 15°52 | M 5 |
| T 6 | 7 2 26 | 15°26'47 | 3♓15 | 4°11 | 20°36 | 11°35 | 28°23 | 2°45 | 21° 3 | 21° 5 | 19°43 | 16°28 | 16°46 | 19° 5 | 15°59 | T 6 |
| W 7 | 7 6 23 | 16°27'56 | 15°20 | 5°28 | 21°50 | 12°10 | 28°24 | 2°42 | 21° 2 | 21° 5 | 19°41 | 16°23 | 16°43 | 19°12 | 16° 5 | W 7 |
| T 8 | 7 10 19 | 17°29'04 | 27°37 | 6°41 | 23° 5 | 12°46 | 28°25 | 2°39 | 21° 1 | 21° 6 | 19°40 | 16°20 | 16°40 | 19°19 | 16°11 | T 8 |
| F 9 | 7 14 16 | 18°30'12 | 10♈ 9 | 7°50 | 24°20 | 13°21 | 28°26 | 2°37 | 21° 0 | 21° 6 | 19°39 | 16°19 | 16°37 | 19°25 | 16°17 | F 9 |
| S 10 | 7 18 12 | 19°31'20 | 23° 2 | 8°55 | 25°35 | 13°56 | 28°27 | 2°34 | 20°59 | 21° 7 | 19°38 | 16°19 | 16°33 | 19°32 | 16°24 | S 10 |
| S 11 | 7 22 9 | 20°32'27 | 6♉19 | 9°54 | 26°50 | 14°31 | 28°27 | 2°32 | 20°58 | 21° 7 | 19°37 | 16°18 | 16°30 | 19°39 | 16°30 | S 11 |
| M12 | 7 26 5 | 21°33'35 | 20° 4 | 10°46 | 28° 5 | 15° 6 | 28°27 | 2°29 | 20°57 | 21° 7 | 19°36 | 16°16 | 16°27 | 19°46 | 16°36 | M12 |
| T 13 | 7 30 2 | 22°34'42 | 4♊18 | 11°31 | 29°20 | 15°41 | 28°R27 | 2°27 | 20°56 | 21° 8 | 19°34 | 16°11 | 16°24 | 19°52 | 16°42 | T 13 |
| W14 | 7 33 59 | 23°35'49 | 19° 1 | 12° 9 | 0♑35 | 16°16 | 28°27 | 2°25 | 20°55 | 21° 8 | 19°33 | 16° 4 | 16°21 | 19°59 | 16°49 | W14 |
| T 15 | 7 37 55 | 24°36'55 | 4♋ 7 | 12°37 | 1°50 | 16°51 | 28°27 | 2°23 | 20°55 | 21° 8 | 19°32 | 15°54 | 16°18 | 20° 6 | 16°55 | T 15 |
| F 16 | 7 41 52 | 25°38'02 | 19°27 | 12°55 | 3° 5 | 17°26 | 28°27 | 2°21 | 20°54 | 21° 8 | 19°31 | 15°42 | 16°14 | 20°12 | 17° 1 | F 16 |
| S 17 | 7 45 48 | 26°39'08 | 4♌50 | 13°R 3 | 4°20 | 18° 1 | 28°26 | 2°19 | 20°53 | 21° 9 | 19°29 | 15°31 | 16°11 | 20°19 | 17° 7 | S 17 |
| S 18 | 7 49 45 | 27°40'13 | 20° 3 | 12°59 | 5°35 | 18°36 | 28°25 | 2°17 | 20°53 | 21° 9 | 19°28 | 15°21 | 16° 8 | 20°26 | 17°13 | S 18 |
| M19 | 7 53 41 | 28°41'19 | 4♍56 | 12°44 | 6°50 | 19°10 | 28°24 | 2°16 | 20°52 | 21° 9 | 19°27 | 15°13 | 16° 5 | 20°33 | 17°20 | M19 |
| T 20 | 7 57 38 | 29°42'24 | 19°23 | 12°17 | 8° 5 | 19°45 | 28°23 | 2°14 | 20°52 | 21° 9 | 19°26 | 15° 8 | 16° 2 | 20°39 | 17°26 | T 20 |
| W21 | 8 1 35 | 0♒43'30 | 3♎20 | 11°38 | 9°20 | 20°20 | 28°21 | 2°13 | 20°51 | 21° 9 | 19°24 | 15° 6 | 15°59 | 20°46 | 17°32 | W21 |
| T 22 | 8 5 31 | 1°44'35 | 16°47 | 10°48 | 10°35 | 20°54 | 28°20 | 2°11 | 20°51 | 21°R 9 | 19°23 | 15°D 6 | 15°55 | 20°53 | 17°38 | T 22 |
| F 23 | 8 9 28 | 2°45'40 | 29°48 | 9°49 | 11°50 | 21°29 | 28°18 | 2°10 | 20°50 | 21° 9 | 19°22 | 15°R 6 | 15°52 | 21° 0 | 17°44 | F 23 |
| S 24 | 8 13 24 | 3°46'45 | 12♏26 | 8°42 | 13° 5 | 22° 3 | 28°16 | 2° 9 | 20°50 | 21° 9 | 19°20 | 15° 6 | 15°49 | 21° 6 | 17°50 | S 24 |
| S 25 | 8 17 21 | 4°47'50 | 24°47 | 7°29 | 14°20 | 22°37 | 28°13 | 2° 8 | 20°50 | 21° 9 | 19°19 | 15° 4 | 15°46 | 21°13 | 17°56 | S 25 |
| M26 | 8 21 17 | 5°48'54 | 6♐54 | 6°12 | 15°35 | 23°12 | 28°11 | 2° 7 | 20°50 | 21° 9 | 19°18 | 14°59 | 15°43 | 21°20 | 18° 2 | M26 |
| T 27 | 8 25 14 | 6°49'59 | 18°52 | 4°54 | 16°50 | 23°46 | 28° 8 | 2° 7 | 20°50 | 21° 9 | 19°16 | 14°52 | 15°39 | 21°26 | 18° 8 | T 27 |
| W28 | 8 29 10 | 7°51'03 | 0♑46 | 3°37 | 18° 5 | 24°20 | 28° 6 | 2° 6 | 20°50 | 21° 8 | 19°15 | 14°42 | 15°36 | 21°33 | 18°14 | W28 |
| T 29 | 8 33 7 | 8°52'06 | 12°37 | 2°24 | 19°20 | 24°54 | 28° 3 | 2° 5 | 20°D50 | 21° 8 | 19°13 | 14°30 | 15°33 | 21°40 | 18°20 | T 29 |
| F 30 | 8 37 4 | 9°53'09 | 24°29 | 1°15 | 20°35 | 25°28 | 28° 0 | 2° 5 | 20°50 | 21° 8 | 19°12 | 14°17 | 15°30 | 21°47 | 18°26 | F 30 |
| S 31 | 8 41 0 | 10♒54'11 | 6♒22 | 0♒14 | 21♑50 | 26♏ 2 | 27♍56 | 2♊ 5 | 20♉50 | 21♎ 8 | 19♌11 | 14♎ 4 | 15♎27 | 21♑53 | 18♑32 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s59 | 18s29 | 4n51 | 22s43 | 2s 5 | 21s20 | 1n 9 | 13s14 | 1n10 | 1n48 | 1n12 | 18n39 | 2s 6 | 17n42 | 0s19 | 6s46 | 1n32 | 21n21 | 6n52 | 6s52 | 6s41 | 17s 0 | 16s10 | 6n21 |
| F 2 | 22 54 | 17 31 | 4 59 | 22 22 | 2 1 | 21 30 | 1 6 | 13 25 | 1 10 | 1 48 | 1 13 | 18 38 | 2 6 | 17 42 | 0 19 | 6 46 | 1 32 | 21 22 | 6 52 | 6 46 | 6 39 | 16 59 | 16 9 | 6 21 |
| S 3 | 22 48 | 15 48 | 4 54 | 21 59 | 1 57 | 21 40 | 1 4 | 13 37 | 1 10 | 1 47 | 1 13 | 18 38 | 2 6 | 17 41 | 0 19 | 6 47 | 1 32 | 21 22 | 6 52 | 6 41 | 6 38 | 16 59 | 16 9 | 6 21 |
| S 4 | 22 42 | 13 25 | 4 37 | 21 35 | 1 51 | 21 49 | 1 2 | 13 48 | 1 10 | 1 47 | 1 13 | 18 37 | 2 5 | 17 41 | 0 19 | 6 47 | 1 32 | 21 23 | 6 53 | 6 35 | 6 37 | 16 58 | 16 8 | 6 21 |
| M 5 | 22 36 | 10 28 | 4 7 | 21 11 | 1 45 | 21 58 | 0 59 | 13 59 | 1 9 | 1 46 | 1 13 | 18 37 | 2 5 | 17 41 | 0 19 | 6 47 | 1 32 | 21 23 | 6 53 | 6 31 | 6 36 | 16 57 | 16 7 | 6 22 |
| T 6 | 22 29 | 7 5 | 3 26 | 20 45 | 1 38 | 22 6 | 0 57 | 14 10 | 1 9 | 1 46 | 1 14 | 18 37 | 2 5 | 17 40 | 0 19 | 6 47 | 1 32 | 21 24 | 6 53 | 6 28 | 6 34 | 16 56 | 16 7 | 6 22 |
| W 7 | 22 22 | 3 22 | 2 36 | 20 19 | 1 30 | 22 13 | 0 55 | 14 21 | 1 9 | 1 46 | 1 14 | 18 36 | 2 5 | 17 40 | 0 19 | 6 47 | 1 32 | 21 24 | 6 53 | 6 25 | 6 33 | 16 55 | 16 6 | 6 22 |
| T 8 | 22 14 | 0n32 | 1 37 | 19 52 | 1 22 | 22 20 | 0 52 | 14 32 | 1 9 | 1 46 | 1 14 | 18 36 | 2 5 | 17 40 | 0 19 | 6 47 | 1 32 | 21 25 | 6 53 | 6 24 | 6 32 | 16 54 | 16 5 | 6 22 |
| F 9 | 22 6 | 4 31 | 0 33 | 19 25 | 1 12 | 22 26 | 0 50 | 14 43 | 1 8 | 1 46 | 1 14 | 18 36 | 2 4 | 17 40 | 0 19 | 6 47 | 1 32 | 21 25 | 6 54 | 6 24 | 6 31 | 16 53 | 16 4 | 6 22 |
| S 10 | 21 58 | 8 23 | 0s35 | 18 58 | 1 1 | 22 31 | 0 47 | 14 54 | 1 8 | 1 46 | 1 15 | 18 36 | 2 4 | 17 39 | 0 19 | 6 48 | 1 32 | 21 26 | 6 54 | 6 24 | 6 30 | 16 52 | 16 3 | 6 22 |
| S 11 | 21 49 | 11 58 | 1 44 | 18 31 | 0 49 | 22 36 | 0 44 | 15 4 | 1 8 | 1 46 | 1 15 | 18 35 | 2 4 | 17 39 | 0 19 | 6 48 | 1 32 | 21 26 | 6 54 | 6 24 | 6 28 | 16 52 | 16 3 | 6 22 |
| M12 | 21 39 | 15 1 | 2 48 | 18 4 | 0 36 | 22 40 | 0 42 | 15 15 | 1 8 | 1 46 | 1 15 | 18 35 | 2 4 | 17 39 | 0 19 | 6 48 | 1 32 | 21 27 | 6 54 | 6 23 | 6 27 | 16 51 | 16 2 | 6 22 |
| T 13 | 21 30 | 17 16 | 3 45 | 17 38 | 0 22 | 22 43 | 0 39 | 15 25 | 1 7 | 1 46 | 1 16 | 18 35 | 2 3 | 17 39 | 0 19 | 6 48 | 1 32 | 21 27 | 6 54 | 6 21 | 6 26 | 16 50 | 16 1 | 6 22 |
| W14 | 21 19 | 18 28 | 4 28 | 17 14 | 0 7 | 22 46 | 0 37 | 15 35 | 1 7 | 1 46 | 1 16 | 18 35 | 2 3 | 17 39 | 0 19 | 6 48 | 1 32 | 21 28 | 6 54 | 6 18 | 6 25 | 16 49 | 16 0 | 6 22 |
| T 15 | 21 9 | 18 25 | 4 54 | 16 50 | 0n 9 | 22 48 | 0 34 | 15 46 | 1 7 | 1 47 | 1 16 | 18 35 | 2 3 | 17 38 | 0 19 | 6 48 | 1 32 | 21 29 | 6 55 | 6 14 | 6 24 | 16 48 | 15 59 | 6 22 |
| F 16 | 20 58 | 17 2 | 5 0 | 16 29 | 0 26 | 22 49 | 0 32 | 15 56 | 1 7 | 1 47 | 1 16 | 18 35 | 2 3 | 17 38 | 0 19 | 6 48 | 1 32 | 21 29 | 6 55 | 6 10 | 6 22 | 16 47 | 15 58 | 6 22 |
| S 17 | 20 46 | 14 25 | 4 44 | 16 10 | 0 43 | 22 50 | 0 29 | 16 6 | 1 6 | 1 48 | 1 17 | 18 34 | 2 2 | 17 38 | 0 19 | 6 48 | 1 32 | 21 30 | 6 55 | 6 6 | 6 21 | 16 46 | 15 58 | 6 23 |
| S 18 | 20 35 | 10 50 | 4 8 | 15 53 | 1 2 | 22 49 | 0 26 | 16 15 | 1 6 | 1 48 | 1 17 | 18 34 | 2 2 | 17 38 | 0 18 | 6 48 | 1 32 | 21 30 | 6 55 | 6 2 | 6 20 | 16 45 | 15 57 | 6 23 |
| M19 | 20 22 | 6 39 | 3 15 | 15 40 | 1 20 | 22 49 | 0 24 | 16 25 | 1 6 | 1 49 | 1 17 | 18 34 | 2 2 | 17 38 | 0 18 | 6 48 | 1 33 | 21 31 | 6 55 | 5 59 | 6 19 | 16 44 | 15 56 | 6 23 |
| T 20 | 20 10 | 2 10 | 2 12 | 15 29 | 1 39 | 22 47 | 0 21 | 16 35 | 1 5 | 1 50 | 1 17 | 18 34 | 2 1 | 17 38 | 0 18 | 6 48 | 1 33 | 21 31 | 6 55 | 5 57 | 6 17 | 16 43 | 15 55 | 6 23 |
| W21 | 19 57 | 2s16 | 1 2 | 15 22 | 1 58 | 22 45 | 0 18 | 16 44 | 1 5 | 1 51 | 1 18 | 18 34 | 2 1 | 17 38 | 0 18 | 6 48 | 1 33 | 21 32 | 6 55 | 5 56 | 6 16 | 16 43 | 15 54 | 6 23 |
| T 22 | 19 43 | 6 27 | 0n 9 | 15 18 | 2 15 | 22 42 | 0 16 | 16 54 | 1 5 | 1 51 | 1 18 | 18 34 | 2 1 | 17 38 | 0 18 | 6 48 | 1 33 | 21 32 | 6 56 | 5 56 | 6 15 | 16 42 | 15 53 | 6 23 |
| F 23 | 19 30 | 10 10 | 1 17 | 15 18 | 2 32 | 22 38 | 0 13 | 17 3 | 1 4 | 1 52 | 1 18 | 18 34 | 2 1 | 17 37 | 0 18 | 6 48 | 1 33 | 21 33 | 6 56 | 5 56 | 6 14 | 16 41 | 15 52 | 6 23 |
| S 24 | 19 15 | 13 19 | 2 20 | 15 21 | 2 47 | 22 34 | 0 10 | 17 12 | 1 4 | 1 53 | 1 19 | 18 34 | 2 0 | 17 37 | 0 18 | 6 48 | 1 33 | 21 33 | 6 56 | 5 56 | 6 13 | 16 40 | 15 51 | 6 24 |
| S 25 | 19 1 | 15 46 | 3 14 | 15 27 | 3 1 | 22 29 | 0 8 | 17 21 | 1 4 | 1 55 | 1 19 | 18 34 | 2 0 | 17 37 | 0 18 | 6 48 | 1 33 | 21 34 | 6 56 | 5 55 | 6 11 | 16 39 | 15 50 | 6 24 |
| M26 | 18 46 | 17 29 | 3 59 | 15 35 | 3 12 | 22 23 | 0 5 | 17 30 | 1 3 | 1 56 | 1 19 | 18 35 | 2 0 | 17 37 | 0 18 | 6 48 | 1 33 | 21 35 | 6 56 | 5 53 | 6 10 | 16 38 | 15 49 | 6 24 |
| T 27 | 18 31 | 18 24 | 4 32 | 15 45 | 3 20 | 22 17 | 0 2 | 17 39 | 1 3 | 1 57 | 1 19 | 18 35 | 2 0 | 17 37 | 0 18 | 6 47 | 1 33 | 21 35 | 6 56 | 5 51 | 6 9 | 16 37 | 15 48 | 6 24 |
| W28 | 18 16 | 18 29 | 4 53 | 15 57 | 3 27 | 22 10 | 0s 0 | 17 48 | 1 3 | 1 58 | 1 20 | 18 35 | 1 59 | 17 37 | 0 18 | 6 47 | 1 33 | 21 36 | 6 56 | 5 47 | 6 8 | 16 36 | 15 47 | 6 24 |
| T 29 | 18 0 | 17 46 | 5 2 | 16 10 | 3 30 | 22 2 | 0 3 | 17 56 | 1 2 | 2 0 | 1 20 | 18 35 | 1 59 | 17 37 | 0 18 | 6 47 | 1 33 | 21 36 | 6 56 | 5 42 | 6 6 | 16 35 | 15 46 | 6 25 |
| F 30 | 17 44 | 16 17 | 4 57 | 16 23 | 3 31 | 21 54 | 0 5 | 18 5 | 1 2 | 2 1 | 1 20 | 18 35 | 1 59 | 17 37 | 0 18 | 6 47 | 1 33 | 21 37 | 6 57 | 5 37 | 6 5 | 16 34 | 15 45 | 6 25 |
| S 31 | 17s27 | 14s 7 | 4n40 | 16s38 | 3n30 | 21s45 | 0s 8 | 18s13 | 1n 1 | 2n 3 | 1n20 | 18n35 | 1s58 | 17n37 | 0s18 | 6s47 | 1n33 | 21n37 | 6n57 | 5s32 | 6s 4 | 16s33 | 15s44 | 6n25 |

Julian Day Number = 2613347.5, Delta T = 10m48s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'03, Lahiri = 30°03'03


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## FEBRUARY 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 44 57 | 11♒55'12 | 18♒19 | 29°R20 | 23♑ 5 | 26♏36 | 27°R53 | 2°R 4 | 20♉50 | 21°R 7 | 19°R 9 | 13°R52 | 15♎24 | 22♑ 0 | 18♑38 | S 1 |
| M 2 | 8 48 53 | 12°56'13 | 0♓20 | 28♑34 | 24°20 | 27°10 | 27♍49 | 2°D 4 | 20°50 | 21♎ 7 | 19♌ 8 | 13♎42 | 15°20 | 22° 7 | 18°44 | M 2 |
| T 3 | 8 52 50 | 13°57'13 | 12°27 | 27°58 | 25°35 | 27°43 | 27°45 | 2♊ 4 | 20°50 | 21° 7 | 19° 6 | 13°35 | 15°17 | 22°13 | 18°50 | T 3 |
| W 4 | 8 56 46 | 14°58'11 | 24°41 | 27°31 | 26°50 | 28°17 | 27°41 | 2° 5 | 20°51 | 21° 6 | 19° 5 | 13°30 | 15°14 | 22°20 | 18°56 | W 4 |
| T 5 | 9 0 43 | 15°59'09 | 7♈ 5 | 27°12 | 28° 5 | 28°50 | 27°37 | 2° 5 | 20°51 | 21° 6 | 19° 4 | 13°28 | 15°11 | 22°27 | 19° 1 | T 5 |
| F 6 | 9 4 39 | 17° 0'06 | 19°42 | 27° 2 | 29°20 | 29°24 | 27°32 | 2° 5 | 20°51 | 21° 5 | 19° 2 | 13°D28 | 15° 8 | 22°34 | 19° 7 | F 6 |
| S 7 | 9 8 36 | 18° 1'01 | 2♉36 | 27°D 1 | 0♒35 | 29°57 | 27°28 | 2° 6 | 20°52 | 21° 5 | 19° 1 | 13°29 | 15° 5 | 22°40 | 19°13 | S 7 |
| S 8 | 9 12 32 | 19° 1'55 | 15°49 | 27° 6 | 1°51 | 0♐30 | 27°23 | 2° 6 | 20°52 | 21° 4 | 18°59 | 13°R30 | 15° 1 | 22°47 | 19°18 | S 8 |
| M 9 | 9 16 29 | 20° 2'48 | 29°25 | 27°19 | 3° 6 | 1° 4 | 27°18 | 2° 7 | 20°53 | 21° 4 | 18°58 | 13°29 | 14°58 | 22°54 | 19°24 | M 9 |
| T 10 | 9 20 26 | 21° 3'40 | 13♊26 | 27°38 | 4°21 | 1°37 | 27°13 | 2° 8 | 20°54 | 21° 3 | 18°57 | 13°27 | 14°55 | 23° 1 | 19°30 | T 10 |
| W11 | 9 24 22 | 22° 4'30 | 27°51 | 28° 4 | 5°36 | 2°10 | 27° 8 | 2° 9 | 20°54 | 21° 2 | 18°55 | 13°23 | 14°52 | 23° 7 | 19°35 | W11 |
| T 12 | 9 28 19 | 23° 5'19 | 12♋38 | 28°35 | 6°51 | 2°43 | 27° 3 | 2°10 | 20°55 | 21° 2 | 18°54 | 13°16 | 14°49 | 23°14 | 19°41 | T 12 |
| F 13 | 9 32 15 | 24° 6'06 | 27°41 | 29°11 | 8° 6 | 3°15 | 26°57 | 2°11 | 20°56 | 21° 1 | 18°52 | 13° 9 | 14°45 | 23°21 | 19°46 | F 13 |
| S 14 | 9 36 12 | 25° 6'52 | 12♌50 | 29°52 | 9°21 | 3°48 | 26°52 | 2°12 | 20°57 | 21° 0 | 18°51 | 13° 1 | 14°42 | 23°27 | 19°52 | S 14 |
| S 15 | 9 40 8 | 26° 7'37 | 27°56 | 0♒36 | 10°36 | 4°21 | 26°46 | 2°14 | 20°57 | 21° 0 | 18°50 | 12°54 | 14°39 | 23°34 | 19°57 | S 15 |
| M16 | 9 44 5 | 27° 8'21 | 12♍49 | 1°25 | 11°51 | 4°53 | 26°40 | 2°15 | 20°58 | 20°59 | 18°48 | 12°49 | 14°36 | 23°41 | 20° 2 | M16 |
| T 17 | 9 48 1 | 28° 9'03 | 27°20 | 2°17 | 13° 6 | 5°26 | 26°34 | 2°17 | 20°59 | 20°58 | 18°47 | 12°46 | 14°33 | 23°48 | 20° 8 | T 17 |
| W18 | 9 51 58 | 29° 9'44 | 11♎25 | 3°13 | 14°21 | 5°58 | 26°28 | 2°19 | 21° 0 | 20°57 | 18°45 | 12°D45 | 14°30 | 23°54 | 20°13 | W18 |
| T 19 | 9 55 55 | 0♓10'24 | 25° 2 | 4°12 | 15°36 | 6°30 | 26°21 | 2°20 | 21° 1 | 20°56 | 18°44 | 12°45 | 14°26 | 24° 1 | 20°18 | T 19 |
| F 20 | 9 59 51 | 1°11'04 | 8♏11 | 5°13 | 16°51 | 7° 2 | 26°15 | 2°22 | 21° 3 | 20°55 | 18°43 | 12°47 | 14°23 | 24° 8 | 20°23 | F 20 |
| S 21 | 10 3 48 | 2°11'42 | 20°56 | 6°17 | 18° 6 | 7°34 | 26° 8 | 2°24 | 21° 4 | 20°54 | 18°41 | 12°48 | 14°20 | 24°14 | 20°28 | S 21 |
| S 22 | 10 7 44 | 3°12'18 | 3♐21 | 7°23 | 19°21 | 8° 6 | 26° 2 | 2°27 | 21° 5 | 20°53 | 18°40 | 12°R49 | 14°17 | 24°21 | 20°33 | S 22 |
| M23 | 10 11 41 | 4°12'54 | 15°31 | 8°31 | 20°36 | 8°38 | 25°55 | 2°29 | 21° 6 | 20°52 | 18°39 | 12°48 | 14°14 | 24°28 | 20°38 | M23 |
| T 24 | 10 15 37 | 5°13'29 | 27°29 | 9°41 | 21°51 | 9°10 | 25°48 | 2°31 | 21° 8 | 20°51 | 18°37 | 12°45 | 14°11 | 24°35 | 20°43 | T 24 |
| W25 | 10 19 34 | 6°14'02 | 9♑22 | 10°54 | 23° 6 | 9°41 | 25°41 | 2°34 | 21° 9 | 20°50 | 18°36 | 12°41 | 14° 7 | 24°41 | 20°48 | W25 |
| T 26 | 10 23 30 | 7°14'35 | 21°13 | 12° 8 | 24°21 | 10°12 | 25°34 | 2°36 | 21°10 | 20°49 | 18°35 | 12°36 | 14° 4 | 24°48 | 20°53 | T 26 |
| F 27 | 10 27 27 | 8°15'05 | 3♒ 5 | 13°23 | 25°36 | 10°44 | 25°27 | 2°39 | 21°12 | 20°48 | 18°33 | 12°29 | 14° 1 | 24°55 | 20°58 | F 27 |
| S 28 | 10 31 24 | 9♓15'35 | 15♒ 2 | 14♒40 | 26♒51 | 11♐15 | 25♍20 | 2♊42 | 21♉13 | 20♎47 | 18♌32 | 12♎23 | 13♎58 | 25♑ 2 | 21♑ 3 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s10 | 11s20 | 4n10 | 16s52 | 3n27 | 21s35 | 0s11 | 18s21 | 1n 1 | 2n 5 | 1n21 | 18n36 | 1s58 | 17n38 | 0s18 | 6s47 | 1n33 | 21n38 | 6n57 | 5s27 | 6s 3 | 16s32 | 15s43 | 6n25 |
| M 2 | 16 53 | 8 4 | 3 29 | 17 6 | 3 22 | 21 25 | 0 13 | 18 30 | 1 1 | 2 6 | 1 21 | 18 36 | 1 58 | 17 38 | 0 18 | 6 47 | 1 33 | 21 38 | 6 57 | 5 24 | 6 2 | 16 31 | 15 42 | 6 26 |
| T 3 | 16 36 | 4 27 | 2 38 | 17 19 | 3 15 | 21 14 | 0 16 | 18 38 | 1 0 | 2 8 | 1 21 | 18 36 | 1 58 | 17 38 | 0 18 | 6 46 | 1 33 | 21 39 | 6 57 | 5 21 | 6 0 | 16 30 | 15 41 | 6 26 |
| W 4 | 16 18 | 0 36 | 1 39 | 17 33 | 3 7 | 21 2 | 0 18 | 18 45 | 1 0 | 2 10 | 1 21 | 18 36 | 1 57 | 17 38 | 0 18 | 6 46 | 1 33 | 21 40 | 6 57 | 5 19 | 5 59 | 16 30 | 15 40 | 6 26 |
| T 5 | 16 0 | 3n20 | 0 34 | 17 45 | 2 58 | 20 50 | 0 21 | 18 53 | 0 59 | 2 12 | 1 22 | 18 37 | 1 57 | 17 38 | 0 18 | 6 46 | 1 34 | 21 40 | 6 57 | 5 18 | 5 58 | 16 29 | 15 39 | 6 27 |
| F 6 | 15 42 | 7 10 | 0s33 | 17 56 | 2 49 | 20 37 | 0 23 | 19 1 | 0 59 | 2 14 | 1 22 | 18 37 | 1 57 | 17 38 | 0 18 | 6 46 | 1 34 | 21 41 | 6 57 | 5 18 | 5 57 | 16 28 | 15 38 | 6 27 |
| S 7 | 15 24 | 10 46 | 1 41 | 18 7 | 2 38 | 20 23 | 0 25 | 19 8 | 0 58 | 2 16 | 1 22 | 18 38 | 1 57 | 17 38 | 0 18 | 6 45 | 1 34 | 21 41 | 6 57 | 5 19 | 5 55 | 16 27 | 15 37 | 6 27 |
| S 8 | 15 5 | 13 54 | 2 45 | 18 16 | 2 27 | 20 9 | 0 28 | 19 16 | 0 58 | 2 18 | 1 22 | 18 38 | 1 56 | 17 38 | 0 18 | 6 45 | 1 34 | 21 42 | 6 57 | 5 19 | 5 54 | 16 26 | 15 36 | 6 27 |
| M 9 | 14 46 | 16 23 | 3 41 | 18 25 | 2 16 | 19 54 | 0 30 | 19 23 | 0 57 | 2 20 | 1 22 | 18 38 | 1 56 | 17 39 | 0 18 | 6 45 | 1 34 | 21 42 | 6 57 | 5 19 | 5 53 | 16 25 | 15 35 | 6 28 |
| T 10 | 14 27 | 17 57 | 4 26 | 18 32 | 2 5 | 19 39 | 0 33 | 19 30 | 0 57 | 2 22 | 1 23 | 18 39 | 1 56 | 17 39 | 0 18 | 6 45 | 1 34 | 21 43 | 6 58 | 5 18 | 5 52 | 16 24 | 15 34 | 6 28 |
| W11 | 14 7 | 18 26 | 4 56 | 18 39 | 1 53 | 19 23 | 0 35 | 19 37 | 0 56 | 2 24 | 1 23 | 18 39 | 1 55 | 17 39 | 0 18 | 6 44 | 1 34 | 21 43 | 6 58 | 5 16 | 5 51 | 16 23 | 15 33 | 6 28 |
| T 12 | 13 47 | 17 41 | 5 7 | 18 44 | 1 42 | 19 7 | 0 37 | 19 44 | 0 56 | 2 27 | 1 23 | 18 40 | 1 55 | 17 39 | 0 18 | 6 44 | 1 34 | 21 44 | 6 58 | 5 14 | 5 49 | 16 22 | 15 32 | 6 29 |
| F 13 | 13 27 | 15 43 | 4 57 | 18 48 | 1 30 | 18 50 | 0 39 | 19 51 | 0 55 | 2 29 | 1 23 | 18 40 | 1 55 | 17 39 | 0 18 | 6 44 | 1 34 | 21 44 | 6 58 | 5 11 | 5 48 | 16 21 | 15 31 | 6 29 |
| S 14 | 13 7 | 12 39 | 4 27 | 18 51 | 1 19 | 18 32 | 0 42 | 19 58 | 0 55 | 2 31 | 1 24 | 18 41 | 1 55 | 17 40 | 0 18 | 6 43 | 1 34 | 21 45 | 6 58 | 5 8 | 5 47 | 16 20 | 15 29 | 6 29 |
| S 15 | 12 47 | 8 45 | 3 38 | 18 52 | 1 8 | 18 14 | 0 44 | 20 4 | 0 54 | 2 34 | 1 24 | 18 41 | 1 54 | 17 40 | 0 18 | 6 43 | 1 34 | 21 45 | 6 58 | 5 5 | 5 46 | 16 19 | 15 28 | 6 30 |
| M16 | 12 26 | 4 21 | 2 34 | 18 53 | 0 56 | 17 56 | 0 46 | 20 11 | 0 54 | 2 36 | 1 24 | 18 42 | 1 54 | 17 40 | 0 18 | 6 43 | 1 34 | 21 46 | 6 58 | 5 3 | 5 44 | 16 18 | 15 27 | 6 30 |
| T 17 | 12 5 | 0s12 | 1 22 | 18 52 | 0 46 | 17 36 | 0 48 | 20 17 | 0 53 | 2 39 | 1 24 | 18 42 | 1 54 | 17 40 | 0 18 | 6 42 | 1 34 | 21 46 | 6 58 | 5 2 | 5 43 | 16 17 | 15 26 | 6 30 |
| W18 | 11 44 | 4 37 | 0 7 | 18 49 | 0 35 | 17 17 | 0 50 | 20 23 | 0 53 | 2 42 | 1 24 | 18 43 | 1 53 | 17 41 | 0 18 | 6 42 | 1 34 | 21 47 | 6 58 | 5 1 | 5 42 | 16 16 | 15 25 | 6 31 |
| T 19 | 11 23 | 8 38 | 1n 6 | 18 46 | 0 25 | 16 57 | 0 52 | 20 29 | 0 52 | 2 44 | 1 25 | 18 44 | 1 53 | 17 41 | 0 18 | 6 42 | 1 34 | 21 47 | 6 58 | 5 2 | 5 41 | 16 15 | 15 24 | 6 31 |
| F 20 | 11 2 | 12 6 | 2 14 | 18 41 | 0 14 | 16 36 | 0 54 | 20 35 | 0 51 | 2 47 | 1 25 | 18 44 | 1 53 | 17 41 | 0 18 | 6 41 | 1 34 | 21 48 | 6 58 | 5 2 | 5 40 | 16 14 | 15 23 | 6 32 |
| S 21 | 10 40 | 14 51 | 3 12 | 18 35 | 0 5 | 16 15 | 0 56 | 20 41 | 0 51 | 2 50 | 1 25 | 18 45 | 1 53 | 17 42 | 0 18 | 6 41 | 1 34 | 21 48 | 6 58 | 5 3 | 5 38 | 16 13 | 15 22 | 6 32 |
| S 22 | 10 18 | 16 50 | 4 0 | 18 28 | 0s 5 | 15 54 | 0 58 | 20 47 | 0 50 | 2 53 | 1 25 | 18 46 | 1 52 | 17 42 | 0 18 | 6 41 | 1 34 | 21 49 | 6 58 | 5 3 | 5 37 | 16 12 | 15 21 | 6 32 |
| M23 | 9 56 | 18 1 | 4 36 | 18 19 | 0 14 | 15 32 | 0 59 | 20 52 | 0 49 | 2 55 | 1 25 | 18 46 | 1 52 | 17 42 | 0 18 | 6 40 | 1 34 | 21 49 | 6 58 | 5 3 | 5 36 | 16 11 | 15 19 | 6 33 |
| T 24 | 9 34 | 18 22 | 5 0 | 18 9 | 0 23 | 15 9 | 1 1 | 20 58 | 0 49 | 2 58 | 1 25 | 18 47 | 1 52 | 17 43 | 0 18 | 6 40 | 1 34 | 21 49 | 6 58 | 5 2 | 5 35 | 16 10 | 15 18 | 6 33 |
| W25 | 9 12 | 17 54 | 5 10 | 17 58 | 0 32 | 14 46 | 1 3 | 21 3 | 0 48 | 3 1 | 1 26 | 18 48 | 1 52 | 17 43 | 0 18 | 6 39 | 1 35 | 21 50 | 6 58 | 5 0 | 5 33 | 16 9 | 15 17 | 6 34 |
| T 26 | 8 50 | 16 39 | 5 7 | 17 46 | 0 40 | 14 23 | 1 4 | 21 9 | 0 47 | 3 4 | 1 26 | 18 49 | 1 51 | 17 43 | 0 18 | 6 39 | 1 35 | 21 50 | 6 58 | 4 58 | 5 32 | 16 8 | 15 16 | 6 34 |
| F 27 | 8 27 | 14 42 | 4 51 | 17 32 | 0 48 | 13 59 | 1 6 | 21 14 | 0 47 | 3 7 | 1 26 | 18 49 | 1 51 | 17 44 | 0 18 | 6 38 | 1 35 | 21 51 | 6 58 | 4 55 | 5 31 | 16 7 | 15 15 | 6 35 |
| S 28 | 8s 5 | 12s 6 | 4n22 | 17s17 | 0s56 | 13s35 | 1s 8 | 21s19 | 0n46 | 3n10 | 1n26 | 18n50 | 1s51 | 17n44 | 0s18 | 6s38 | 1n35 | 21n51 | 6n58 | 4s53 | 5s30 | 16s 6 | 15s14 | 6n35 |

Julian Day Number = 2613378.5, Delta T = 10m48s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'07, Lahiri = 30°03'08


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## MARCH 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 35 20 | 10♓16'03 | 27♒ 4 | 15♒59 | 28♒ 6 | 11♐46 | 25°R13 | 2♊45 | 21♉15 | 20°R46 | 18°R31 | 12°R17 | 13♎55 | 25♑ 8 | 21♑ 8 | S 1 |
| M 2 | 10 39 17 | 11°16'29 | 9♓15 | 17°19 | 29°21 | 12°17 | 25♍ 5 | 2°48 | 21°17 | 20♎45 | 18♌29 | 12♎12 | 13°51 | 25°15 | 21°12 | M 2 |
| T 3 | 10 43 13 | 12°16'54 | 21°35 | 18°41 | 0♓36 | 12°48 | 24°58 | 2°51 | 21°18 | 20°44 | 18°28 | 12° 9 | 13°48 | 25°22 | 21°17 | T 3 |
| W 4 | 10 47 10 | 13°17'17 | 4♈ 4 | 20° 4 | 1°51 | 13°18 | 24°50 | 2°54 | 21°20 | 20°42 | 18°27 | 12° 7 | 13°45 | 25°28 | 21°21 | W 4 |
| T 5 | 10 51 6 | 14°17'38 | 16°45 | 21°28 | 3° 6 | 13°49 | 24°43 | 2°57 | 21°22 | 20°41 | 18°26 | 12°D 7 | 13°42 | 25°35 | 21°26 | T 5 |
| F 6 | 10 55 3 | 15°17'57 | 29°38 | 22°53 | 4°21 | 14°19 | 24°35 | 3° 0 | 21°24 | 20°40 | 18°24 | 12° 8 | 13°39 | 25°42 | 21°30 | F 6 |
| S 7 | 10 58 59 | 16°18'15 | 12♉45 | 24°20 | 5°36 | 14°49 | 24°27 | 3° 4 | 21°25 | 20°39 | 18°23 | 12° 9 | 13°36 | 25°49 | 21°34 | S 7 |
| S 8 | 11 2 56 | 17°18'31 | 26° 7 | 25°48 | 6°51 | 15°19 | 24°20 | 3° 8 | 21°27 | 20°37 | 18°22 | 12°11 | 13°32 | 25°55 | 21°39 | S 8 |
| M 9 | 11 6 53 | 18°18'44 | 9♊45 | 27°17 | 8° 6 | 15°49 | 24°12 | 3°11 | 21°29 | 20°36 | 18°21 | 12°12 | 13°29 | 26° 2 | 21°43 | M 9 |
| T 10 | 11 10 49 | 19°18'56 | 23°40 | 28°47 | 9°21 | 16°19 | 24° 4 | 3°15 | 21°31 | 20°35 | 18°19 | 12°R12 | 13°26 | 26° 9 | 21°47 | T 10 |
| W11 | 11 14 46 | 20°19'06 | 7♋51 | 0♓18 | 10°36 | 16°48 | 23°56 | 3°19 | 21°33 | 20°33 | 18°18 | 12°11 | 13°23 | 26°15 | 21°51 | W11 |
| T 12 | 11 18 42 | 21°19'13 | 22°17 | 1°50 | 11°51 | 17°17 | 23°48 | 3°23 | 21°35 | 20°32 | 18°17 | 12° 9 | 13°20 | 26°22 | 21°55 | T 12 |
| F 13 | 11 22 39 | 22°19'18 | 6♌55 | 3°24 | 13° 5 | 17°47 | 23°41 | 3°27 | 21°37 | 20°30 | 18°16 | 12° 7 | 13°16 | 26°29 | 21°59 | F 13 |
| S 14 | 11 26 35 | 23°19'22 | 21°37 | 4°58 | 14°20 | 18°16 | 23°33 | 3°31 | 21°39 | 20°29 | 18°15 | 12° 4 | 13°13 | 26°36 | 22° 3 | S 14 |
| S 15 | 11 30 32 | 24°19'23 | 6♍19 | 6°34 | 15°35 | 18°44 | 23°25 | 3°35 | 21°42 | 20°28 | 18°14 | 12° 2 | 13°10 | 26°42 | 22° 7 | S 15 |
| M16 | 11 34 28 | 25°19'22 | 20°53 | 8°11 | 16°50 | 19°13 | 23°17 | 3°40 | 21°44 | 20°26 | 18°13 | 12° 0 | 13° 7 | 26°49 | 22°11 | M16 |
| T 17 | 11 38 25 | 26°19'19 | 5♎12 | 9°48 | 18° 5 | 19°42 | 23° 9 | 3°44 | 21°46 | 20°25 | 18°12 | 11°D59 | 13° 4 | 26°56 | 22°14 | T 17 |
| W18 | 11 42 22 | 27°19'15 | 19°11 | 11°28 | 19°20 | 20°10 | 23° 2 | 3°48 | 21°48 | 20°23 | 18°11 | 11°59 | 13° 1 | 27° 2 | 22°18 | W18 |
| T 19 | 11 46 18 | 28°19'09 | 2♏48 | 13° 8 | 20°34 | 20°38 | 22°54 | 3°53 | 21°51 | 20°22 | 18°10 | 12° 0 | 12°57 | 27° 9 | 22°22 | T 19 |
| F 20 | 11 50 15 | 29°19'01 | 16° 0 | 14°49 | 21°49 | 21° 6 | 22°46 | 3°58 | 21°53 | 20°20 | 18° 9 | 12° 1 | 12°54 | 27°16 | 22°25 | F 20 |
| S 21 | 11 54 11 | 0♈18'51 | 28°51 | 16°32 | 23° 4 | 21°33 | 22°38 | 4° 2 | 21°56 | 20°19 | 18° 8 | 12° 2 | 12°51 | 27°23 | 22°29 | S 21 |
| S 22 | 11 58 8 | 1°18'40 | 11♐21 | 18°15 | 24°19 | 22° 1 | 22°31 | 4° 7 | 21°58 | 20°17 | 18° 7 | 12° 3 | 12°48 | 27°29 | 22°32 | S 22 |
| M23 | 12 2 4 | 2°18'27 | 23°35 | 20° 0 | 25°33 | 22°28 | 22°23 | 4°12 | 22° 0 | 20°16 | 18° 6 | 12° 4 | 12°45 | 27°36 | 22°35 | M23 |
| T 24 | 12 6 1 | 3°18'12 | 5♑37 | 21°46 | 26°48 | 22°55 | 22°15 | 4°17 | 22° 3 | 20°14 | 18° 5 | 12°R 4 | 12°42 | 27°43 | 22°38 | T 24 |
| W25 | 12 9 57 | 4°17'56 | 17°32 | 23°34 | 28° 3 | 23°22 | 22° 8 | 4°22 | 22° 6 | 20°13 | 18° 4 | 12° 4 | 12°38 | 27°49 | 22°41 | W25 |
| T 26 | 12 13 54 | 5°17'38 | 29°23 | 25°22 | 29°18 | 23°49 | 22° 0 | 4°27 | 22° 8 | 20°11 | 18° 3 | 12° 3 | 12°35 | 27°56 | 22°44 | T 26 |
| F 27 | 12 17 50 | 6°17'18 | 11♒17 | 27°12 | 0♈32 | 24°15 | 21°53 | 4°33 | 22°11 | 20° 9 | 18° 2 | 12° 2 | 12°32 | 28° 3 | 22°47 | F 27 |
| S 28 | 12 21 47 | 7°16'56 | 23°16 | 29° 3 | 1°47 | 24°41 | 21°46 | 4°38 | 22°13 | 20° 8 | 18° 1 | 12° 2 | 12°29 | 28°10 | 22°50 | S 28 |
| S 29 | 12 25 44 | 8°16'33 | 5♓24 | 0♈55 | 3° 2 | 25° 7 | 21°38 | 4°43 | 22°16 | 20° 6 | 18° 0 | 12° 1 | 12°26 | 28°16 | 22°53 | S 29 |
| M30 | 12 29 40 | 9°16'08 | 17°44 | 2°49 | 4°16 | 25°33 | 21°31 | 4°49 | 22°19 | 20° 5 | 18° 0 | 12° 1 | 12°22 | 28°23 | 22°56 | M30 |
| T 31 | 12 33 37 | 10♈15'40 | 0♈17 | 4♈44 | 5♈31 | 25♐58 | 21♍24 | 4♊54 | 22♉22 | 20♎ 3 | 17♌59 | 12♎ 0 | 12♎19 | 28♑30 | 22♑59 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 7s42 | 8s59 | 3n41 | 17s 1 | 1s 3 | 13s11 | 1s 9 | 21s24 | 0n45 | 3n13 | 1n26 | 18n51 | 1s50 | 17n45 | 0s17 | 6s37 | 1n35 | 21n52 | 6n58 | 4s50 | 5s28 | 16s 5 | 15s13 | 6n35 | S 1 |
| M 2 | 7 19 | 5 27 | 2 50 | 16 43 | 1 10 | 12 46 | 1 11 | 21 28 | 0 44 | 3 16 | 1 26 | 18 52 | 1 50 | 17 45 | 0 17 | 6 37 | 1 35 | 21 52 | 6 58 | 4 49 | 5 27 | 16 4 | 15 11 | 6 36 | M 2 |
| T 3 | 6 56 | 1 39 | 1 50 | 16 25 | 1 17 | 12 21 | 1 12 | 21 33 | 0 44 | 3 19 | 1 26 | 18 53 | 1 50 | 17 46 | 0 17 | 6 36 | 1 35 | 21 52 | 6 58 | 4 47 | 5 26 | 16 3 | 15 10 | 6 36 | T 3 |
| W 4 | 6 33 | 2n17 | 0 44 | 16 5 | 1 23 | 11 56 | 1 13 | 21 38 | 0 43 | 3 22 | 1 27 | 18 53 | 1 50 | 17 46 | 0 17 | 6 36 | 1 35 | 21 53 | 6 58 | 4 47 | 5 25 | 16 2 | 15 9 | 6 37 | W 4 |
| T 5 | 6 10 | 6 11 | 0s25 | 15 43 | 1 29 | 11 30 | 1 15 | 21 42 | 0 42 | 3 25 | 1 27 | 18 54 | 1 49 | 17 47 | 0 17 | 6 36 | 1 35 | 21 53 | 6 58 | 4 47 | 5 24 | 16 1 | 15 8 | 6 37 | T 5 |
| F 6 | 5 47 | 9 50 | 1 35 | 15 21 | 1 35 | 11 4 | 1 16 | 21 47 | 0 41 | 3 28 | 1 27 | 18 55 | 1 49 | 17 47 | 0 17 | 6 35 | 1 35 | 21 54 | 6 58 | 4 47 | 5 22 | 16 0 | 15 7 | 6 38 | F 6 |
| S 7 | 5 23 | 13 5 | 2 40 | 14 57 | 1 40 | 10 38 | 1 17 | 21 51 | 0 41 | 3 32 | 1 27 | 18 56 | 1 49 | 17 48 | 0 17 | 6 34 | 1 35 | 21 54 | 6 58 | 4 48 | 5 21 | 15 59 | 15 6 | 6 38 | S 7 |
| S 8 | 5 0 | 15 41 | 3 39 | 14 33 | 1 45 | 10 11 | 1 18 | 21 55 | 0 40 | 3 35 | 1 27 | 18 57 | 1 49 | 17 48 | 0 17 | 6 34 | 1 35 | 21 54 | 6 58 | 4 48 | 5 20 | 15 58 | 15 5 | 6 39 | S 8 |
| M 9 | 4 37 | 17 28 | 4 26 | 14 6 | 1 50 | 9 44 | 1 19 | 21 59 | 0 39 | 3 38 | 1 27 | 18 58 | 1 48 | 17 49 | 0 17 | 6 33 | 1 35 | 21 55 | 6 58 | 4 49 | 5 19 | 15 57 | 15 3 | 6 39 | M 9 |
| T 10 | 4 13 | 18 15 | 4 59 | 13 39 | 1 54 | 9 17 | 1 20 | 22 3 | 0 38 | 3 41 | 1 27 | 18 59 | 1 48 | 17 49 | 0 17 | 6 33 | 1 35 | 21 55 | 6 58 | 4 49 | 5 17 | 15 56 | 15 2 | 6 40 | T 10 |
| W11 | 3 50 | 17 55 | 5 14 | 13 11 | 1 58 | 8 49 | 1 21 | 22 7 | 0 37 | 3 44 | 1 27 | 19 0 | 1 48 | 17 50 | 0 17 | 6 32 | 1 35 | 21 55 | 6 58 | 4 48 | 5 16 | 15 55 | 15 1 | 6 40 | W11 |
| T 12 | 3 26 | 16 26 | 5 10 | 12 41 | 2 1 | 8 22 | 1 22 | 22 10 | 0 36 | 3 47 | 1 27 | 19 1 | 1 48 | 17 50 | 0 17 | 6 32 | 1 35 | 21 56 | 6 58 | 4 48 | 5 15 | 15 54 | 15 0 | 6 41 | T 12 |
| F 13 | 3 2 | 13 53 | 4 46 | 12 10 | 2 4 | 7 54 | 1 22 | 22 14 | 0 35 | 3 50 | 1 27 | 19 2 | 1 47 | 17 51 | 0 17 | 6 31 | 1 35 | 21 56 | 6 58 | 4 47 | 5 14 | 15 53 | 14 59 | 6 41 | F 13 |
| S 14 | 2 39 | 10 25 | 4 3 | 11 38 | 2 7 | 7 26 | 1 23 | 22 18 | 0 34 | 3 54 | 1 27 | 19 3 | 1 47 | 17 51 | 0 17 | 6 31 | 1 35 | 21 56 | 6 58 | 4 46 | 5 12 | 15 52 | 14 58 | 6 42 | S 14 |
| S 15 | 2 15 | 6 19 | 3 4 | 11 5 | 2 9 | 6 57 | 1 24 | 22 21 | 0 33 | 3 57 | 1 27 | 19 4 | 1 47 | 17 52 | 0 17 | 6 30 | 1 35 | 21 57 | 6 58 | 4 45 | 5 11 | 15 51 | 14 57 | 6 42 | S 15 |
| M16 | 1 51 | 1 51 | 1 54 | 10 31 | 2 11 | 6 29 | 1 24 | 22 24 | 0 32 | 4 0 | 1 27 | 19 5 | 1 47 | 17 53 | 0 17 | 6 30 | 1 35 | 21 57 | 6 58 | 4 44 | 5 10 | 15 50 | 14 56 | 6 43 | M16 |
| T 17 | 1 28 | 2s38 | 0 37 | 9 55 | 2 13 | 6 0 | 1 25 | 22 28 | 0 31 | 4 3 | 1 27 | 19 6 | 1 46 | 17 53 | 0 17 | 6 29 | 1 35 | 21 57 | 6 58 | 4 44 | 5 9 | 15 49 | 14 55 | 6 43 | T 17 |
| W18 | 1 4 | 6 53 | 0n40 | 9 19 | 2 14 | 5 31 | 1 25 | 22 31 | 0 30 | 4 6 | 1 27 | 19 7 | 1 46 | 17 54 | 0 17 | 6 28 | 1 35 | 21 58 | 6 58 | 4 44 | 5 8 | 15 48 | 14 53 | 6 44 | W18 |
| T 19 | 0 40 | 10 39 | 1 53 | 8 41 | 2 14 | 5 3 | 1 26 | 22 34 | 0 29 | 4 9 | 1 28 | 19 8 | 1 46 | 17 54 | 0 17 | 6 28 | 1 35 | 21 58 | 6 58 | 4 44 | 5 6 | 15 47 | 14 52 | 6 45 | T 19 |
| F 20 | 0 16 | 13 45 | 2 57 | 8 2 | 2 14 | 4 33 | 1 26 | 22 37 | 0 28 | 4 12 | 1 28 | 19 9 | 1 46 | 17 55 | 0 17 | 6 27 | 1 35 | 21 58 | 6 58 | 4 44 | 5 5 | 15 46 | 14 51 | 6 45 | F 20 |
| S 21 | 0n 7 | 16 5 | 3 51 | 7 22 | 2 14 | 4 4 | 1 26 | 22 40 | 0 27 | 4 15 | 1 28 | 19 10 | 1 46 | 17 56 | 0 17 | 6 27 | 1 35 | 21 58 | 6 58 | 4 45 | 5 4 | 15 45 | 14 50 | 6 46 | S 21 |
| S 22 | 0 31 | 17 35 | 4 33 | 6 41 | 2 13 | 3 35 | 1 27 | 22 43 | 0 26 | 4 18 | 1 28 | 19 12 | 1 45 | 17 56 | 0 17 | 6 26 | 1 35 | 21 59 | 6 58 | 4 45 | 5 3 | 15 44 | 14 49 | 6 46 | S 22 |
| M23 | 0 55 | 18 13 | 5 1 | 5 58 | 2 12 | 3 5 | 1 27 | 22 45 | 0 25 | 4 21 | 1 28 | 19 13 | 1 45 | 17 57 | 0 17 | 6 25 | 1 35 | 21 59 | 6 58 | 4 45 | 5 1 | 15 43 | 14 48 | 6 47 | M23 |
| T 24 | 1 19 | 18 1 | 5 15 | 5 15 | 2 10 | 2 36 | 1 27 | 22 48 | 0 24 | 4 24 | 1 28 | 19 14 | 1 45 | 17 58 | 0 17 | 6 25 | 1 35 | 21 59 | 6 57 | 4 45 | 5 0 | 15 41 | 14 47 | 6 47 | T 24 |
| W25 | 1 42 | 17 1 | 5 15 | 4 31 | 2 8 | 2 6 | 1 27 | 22 50 | 0 22 | 4 27 | 1 28 | 19 15 | 1 45 | 17 58 | 0 17 | 6 24 | 1 35 | 21 59 | 6 57 | 4 45 | 4 59 | 15 40 | 14 46 | 6 48 | W25 |
| T 26 | 2 6 | 15 17 | 5 3 | 3 45 | 2 6 | 1 36 | 1 27 | 22 53 | 0 21 | 4 30 | 1 27 | 19 16 | 1 44 | 17 59 | 0 17 | 6 24 | 1 35 | 22 0 | 6 57 | 4 45 | 4 58 | 15 39 | 14 45 | 6 49 | T 26 |
| F 27 | 2 29 | 12 55 | 4 37 | 2 59 | 2 2 | 1 7 | 1 27 | 22 55 | 0 20 | 4 33 | 1 27 | 19 17 | 1 44 | 18 0 | 0 17 | 6 23 | 1 35 | 22 0 | 6 57 | 4 45 | 4 56 | 15 38 | 14 44 | 6 49 | F 27 |
| S 28 | 2 53 | 9 58 | 3 59 | 2 12 | 1 59 | 0 37 | 1 26 | 22 58 | 0 19 | 4 36 | 1 27 | 19 18 | 1 44 | 18 0 | 0 17 | 6 22 | 1 36 | 22 0 | 6 57 | 4 45 | 4 55 | 15 37 | 14 43 | 6 50 | S 28 |
| S 29 | 3 16 | 6 34 | 3 9 | 1 23 | 1 55 | 0 7 | 1 26 | 23 0 | 0 17 | 4 39 | 1 27 | 19 20 | 1 44 | 18 1 | 0 17 | 6 22 | 1 36 | 22 0 | 6 57 | 4 44 | 4 54 | 15 36 | 14 42 | 6 50 | S 29 |
| M30 | 3 40 | 2 50 | 2 11 | 0 34 | 1 50 | 0n23 | 1 26 | 23 2 | 0 16 | 4 42 | 1 27 | 19 21 | 1 44 | 18 2 | 0 17 | 6 21 | 1 36 | 22 0 | 6 57 | 4 44 | 4 53 | 15 35 | 14 41 | 6 51 | M30 |
| T 31 | 4n 3 | 1n 6 | 1n 5 | 0n16 | 1s45 | 0n53 | 1s25 | 23s 4 | 0n15 | 4n44 | 1n27 | 19n22 | 1s43 | 18n 2 | 0s17 | 6s21 | 1n36 | 22n 0 | 6n57 | 4s44 | 4s51 | 15s34 | 14s40 | 6n52 | T 31 |

Julian Day Number = 2613406.5, Delta T = 10m49s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'11, Lahiri = 30°03'11


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## APRIL 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 37 33 | 11♈15'11 | 13♈ 5 | 6♈40 | 6♈46 | 26♐23 | 21°R17 | 5♊ 0 | 22♉24 | 20°R 1 | 17°R58 | 12°D 0 | 12♎16 | 28♑36 | 23♑ 1 | W 1 |
| T 2 | 12 41 30 | 12°14'40 | 26° 8 | 8°37 | 8° 0 | 26°48 | 21♍10 | 5° 5 | 22°27 | 20♎ 0 | 17♌57 | 12°R 0 | 12°13 | 28°43 | 23° 4 | T 2 |
| F 3 | 12 45 26 | 13°14'07 | 9♉25 | 10°35 | 9°15 | 27°13 | 21° 3 | 5°11 | 22°30 | 19°58 | 17°57 | 12♎ 0 | 12°10 | 28°50 | 23° 6 | F 3 |
| S 4 | 12 49 23 | 14°13'31 | 22°55 | 12°34 | 10°30 | 27°37 | 20°56 | 5°17 | 22°33 | 19°56 | 17°56 | 12° 0 | 12° 7 | 28°57 | 23° 8 | S 4 |
| S 5 | 12 53 19 | 15°12'54 | 6♊38 | 14°35 | 11°44 | 28° 1 | 20°50 | 5°23 | 22°36 | 19°55 | 17°55 | 12° 0 | 12° 3 | 29° 3 | 23°11 | S 5 |
| M 6 | 12 57 16 | 16°12'14 | 20°31 | 16°36 | 12°59 | 28°25 | 20°43 | 5°29 | 22°39 | 19°53 | 17°55 | 12° 0 | 12° 0 | 29°10 | 23°13 | M 6 |
| T 7 | 13 1 13 | 17°11'32 | 4♋33 | 18°39 | 14°13 | 28°48 | 20°37 | 5°35 | 22°42 | 19°52 | 17°54 | 11°59 | 11°57 | 29°17 | 23°15 | T 7 |
| W 8 | 13 5 9 | 18°10'48 | 18°42 | 20°42 | 15°28 | 29°11 | 20°31 | 5°41 | 22°45 | 19°50 | 17°53 | 11°D59 | 11°54 | 29°24 | 23°17 | W 8 |
| T 9 | 13 9 6 | 19°10'01 | 2♌56 | 22°45 | 16°42 | 29°34 | 20°25 | 5°47 | 22°48 | 19°48 | 17°53 | 11°59 | 11°51 | 29°30 | 23°19 | T 9 |
| F 10 | 13 13 2 | 20° 9'12 | 17°13 | 24°49 | 17°57 | 29°56 | 20°18 | 5°53 | 22°51 | 19°47 | 17°52 | 12° 0 | 11°48 | 29°37 | 23°21 | F 10 |
| S 11 | 13 16 59 | 21° 8'21 | 1♍29 | 26°53 | 19°11 | 0♑18 | 20°13 | 5°59 | 22°54 | 19°45 | 17°52 | 12° 1 | 11°44 | 29°44 | 23°22 | S 11 |
| S 12 | 13 20 55 | 22° 7'27 | 15°41 | 28°57 | 20°26 | 0°40 | 20° 7 | 6° 6 | 22°57 | 19°43 | 17°51 | 12° 1 | 11°41 | 29°50 | 23°24 | S 12 |
| M13 | 13 24 52 | 23° 6'31 | 29°46 | 1♎ 0 | 21°40 | 1° 2 | 20° 1 | 6°12 | 23° 0 | 19°42 | 17°51 | 12° 2 | 11°38 | 29°57 | 23°26 | M13 |
| T 14 | 13 28 48 | 24° 5'33 | 13♎41 | 3° 3 | 22°55 | 1°23 | 19°56 | 6°18 | 23° 3 | 19°40 | 17°50 | 12°R 2 | 11°35 | 0♒ 4 | 23°27 | T 14 |
| W15 | 13 32 45 | 25° 4'33 | 27°21 | 5° 5 | 24° 9 | 1°43 | 19°50 | 6°25 | 23° 6 | 19°38 | 17°50 | 12° 2 | 11°32 | 0°11 | 23°29 | W15 |
| T 16 | 13 36 42 | 26° 3'31 | 10♏45 | 7° 5 | 25°23 | 2° 4 | 19°45 | 6°31 | 23° 9 | 19°37 | 17°50 | 12° 1 | 11°28 | 0°17 | 23°30 | T 16 |
| F 17 | 13 40 38 | 27° 2'27 | 23°51 | 9° 4 | 26°38 | 2°24 | 19°40 | 6°38 | 23°12 | 19°35 | 17°49 | 11°59 | 11°25 | 0°24 | 23°31 | F 17 |
| S 18 | 13 44 35 | 28° 1'21 | 6♐39 | 11° 1 | 27°52 | 2°43 | 19°35 | 6°45 | 23°16 | 19°33 | 17°49 | 11°57 | 11°22 | 0°31 | 23°32 | S 18 |
| S 19 | 13 48 31 | 29° 0'13 | 19° 9 | 12°55 | 29° 7 | 3° 2 | 19°31 | 6°51 | 23°19 | 19°32 | 17°49 | 11°54 | 11°19 | 0°37 | 23°34 | S 19 |
| M20 | 13 52 28 | 29°59'04 | 1♑25 | 14°46 | 0♉21 | 3°21 | 19°26 | 6°58 | 23°22 | 19°30 | 17°48 | 11°52 | 11°16 | 0°44 | 23°35 | M20 |
| T 21 | 13 56 24 | 0♉57'53 | 13°29 | 16°35 | 1°35 | 3°40 | 19°22 | 7° 5 | 23°25 | 19°29 | 17°48 | 11°50 | 11°13 | 0°51 | 23°35 | T 21 |
| W22 | 14 0 21 | 1°56'40 | 25°24 | 18°20 | 2°49 | 3°58 | 19°17 | 7°12 | 23°29 | 19°27 | 17°48 | 11°49 | 11° 9 | 0°58 | 23°36 | W22 |
| T 23 | 14 4 17 | 2°55'25 | 7♒17 | 20° 1 | 4° 4 | 4°15 | 19°13 | 7°18 | 23°32 | 19°25 | 17°48 | 11°D49 | 11° 6 | 1° 4 | 23°37 | T 23 |
| F 24 | 14 8 14 | 3°54'09 | 19°11 | 21°38 | 5°18 | 4°32 | 19° 9 | 7°25 | 23°35 | 19°24 | 17°47 | 11°50 | 11° 3 | 1°11 | 23°38 | F 24 |
| S 25 | 14 12 10 | 4°52'51 | 1♓11 | 23°11 | 6°32 | 4°49 | 19° 6 | 7°32 | 23°39 | 19°22 | 17°47 | 11°51 | 11° 0 | 1°18 | 23°38 | S 25 |
| S 26 | 14 16 7 | 5°51'31 | 13°22 | 24°40 | 7°47 | 5° 5 | 19° 2 | 7°39 | 23°42 | 19°21 | 17°47 | 11°53 | 10°57 | 1°24 | 23°39 | S 26 |
| M27 | 14 20 4 | 6°50'10 | 25°47 | 26° 4 | 9° 1 | 5°21 | 18°59 | 7°46 | 23°45 | 19°19 | 17°47 | 11°54 | 10°53 | 1°31 | 23°39 | M27 |
| T 28 | 14 24 0 | 7°48'47 | 8♈30 | 27°23 | 10°15 | 5°36 | 18°56 | 7°53 | 23°49 | 19°17 | 17°47 | 11°R55 | 10°50 | 1°38 | 23°40 | T 28 |
| W29 | 14 27 57 | 8°47'22 | 21°33 | 28°38 | 11°29 | 5°50 | 18°52 | 8° 0 | 23°52 | 19°16 | 17°47 | 11°55 | 10°47 | 1°45 | 23°40 | W29 |
| T 30 | 14 31 53 | 9♉45'55 | 4♉56 | 29♉47 | 12♉43 | 6♑ 5 | 18♍50 | 8♊ 8 | 23♉55 | 19♎14 | 17°D47 | 11♎53 | 10♎44 | 1♒51 | 23♑40 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n26 | 5n 4 | 0s 6 | 1n 7 | 1s39 | 1n23 | 1s25 | 23s 6 | 0n13 | 4n47 | 1n27 | 19n23 | 1s43 | 18n 3 | 0s17 | 6s20 | 1n36 | 22n 1 | 6n57 | 4s44 | 4s50 | 15s33 | 14s39 | 6n52 |
| T 2 | 4 50 | 8 52 | 1 18 | 1 59 | 1 33 | 1 52 | 1 25 | 23 8 | 0 12 | 4 50 | 1 27 | 19 24 | 1 43 | 18 4 | 0 17 | 6 19 | 1 36 | 22 1 | 6 57 | 4 44 | 4 49 | 15 32 | 14 38 | 6 53 |
| F 3 | 5 13 | 12 17 | 2 26 | 2 51 | 1 26 | 2 22 | 1 24 | 23 10 | 0 11 | 4 52 | 1 27 | 19 26 | 1 43 | 18 5 | 0 17 | 6 19 | 1 36 | 22 1 | 6 57 | 4 44 | 4 48 | 15 31 | 14 37 | 6 53 |
| S 4 | 5 36 | 15 6 | 3 28 | 3 44 | 1 19 | 2 52 | 1 23 | 23 12 | 0 9 | 4 55 | 1 27 | 19 27 | 1 43 | 18 5 | 0 17 | 6 18 | 1 36 | 22 1 | 6 57 | 4 44 | 4 47 | 15 30 | 14 36 | 6 54 |
| S 5 | 5 59 | 17 7 | 4 19 | 4 38 | 1 11 | 3 22 | 1 23 | 23 14 | 0 8 | 4 58 | 1 27 | 19 28 | 1 42 | 18 6 | 0 17 | 6 17 | 1 36 | 22 1 | 6 57 | 4 44 | 4 45 | 15 29 | 14 35 | 6 55 |
| M 6 | 6 21 | 18 8 | 4 55 | 5 32 | 1 3 | 3 51 | 1 22 | 23 16 | 0 6 | 5 0 | 1 27 | 19 29 | 1 42 | 18 7 | 0 17 | 6 17 | 1 36 | 22 1 | 6 56 | 4 44 | 4 44 | 15 28 | 14 34 | 6 55 |
| T 7 | 6 44 | 18 4 | 5 14 | 6 27 | 0 54 | 4 21 | 1 21 | 23 18 | 0 5 | 5 2 | 1 27 | 19 30 | 1 42 | 18 8 | 0 17 | 6 16 | 1 36 | 22 1 | 6 56 | 4 44 | 4 43 | 15 26 | 14 33 | 6 56 |
| W 8 | 7 7 | 16 53 | 5 15 | 7 22 | 0 45 | 4 50 | 1 20 | 23 20 | 0 3 | 5 5 | 1 27 | 19 32 | 1 42 | 18 8 | 0 17 | 6 16 | 1 36 | 22 1 | 6 56 | 4 44 | 4 42 | 15 25 | 14 32 | 6 57 |
| T 9 | 7 29 | 14 39 | 4 56 | 8 16 | 0 36 | 5 20 | 1 19 | 23 21 | 0 1 | 5 7 | 1 27 | 19 33 | 1 42 | 18 9 | 0 17 | 6 15 | 1 36 | 22 2 | 6 56 | 4 44 | 4 40 | 15 24 | 14 31 | 6 57 |
| F 10 | 7 51 | 11 31 | 4 19 | 9 11 | 0 26 | 5 49 | 1 18 | 23 23 | 0s 0 | 5 9 | 1 27 | 19 34 | 1 41 | 18 10 | 0 17 | 6 14 | 1 36 | 22 2 | 6 56 | 4 44 | 4 39 | 15 23 | 14 30 | 6 58 |
| S 11 | 8 14 | 7 42 | 3 26 | 10 6 | 0 15 | 6 18 | 1 17 | 23 25 | 0 2 | 5 12 | 1 26 | 19 35 | 1 41 | 18 11 | 0 17 | 6 14 | 1 36 | 22 2 | 6 56 | 4 44 | 4 38 | 15 22 | 14 29 | 6 59 |
| S 12 | 8 36 | 3 28 | 2 21 | 11 0 | 0 5 | 6 47 | 1 16 | 23 26 | 0 4 | 5 14 | 1 26 | 19 37 | 1 41 | 18 12 | 0 17 | 6 13 | 1 36 | 22 2 | 6 56 | 4 44 | 4 37 | 15 21 | 14 28 | 6 59 |
| M13 | 8 58 | 0s56 | 1 7 | 11 53 | 0n 6 | 7 16 | 1 15 | 23 28 | 0 5 | 5 16 | 1 26 | 19 38 | 1 41 | 18 12 | 0 17 | 6 12 | 1 36 | 22 2 | 6 56 | 4 45 | 4 35 | 15 20 | 14 27 | 7 0 |
| T 14 | 9 19 | 5 15 | 0n 9 | 12 46 | 0 17 | 7 45 | 1 14 | 23 30 | 0 7 | 5 18 | 1 26 | 19 39 | 1 41 | 18 13 | 0 17 | 6 12 | 1 36 | 22 2 | 6 56 | 4 45 | 4 34 | 15 19 | 14 26 | 7 0 |
| W15 | 9 41 | 9 12 | 1 24 | 13 38 | 0 29 | 8 13 | 1 13 | 23 31 | 0 9 | 5 20 | 1 26 | 19 40 | 1 40 | 18 14 | 0 17 | 6 11 | 1 36 | 22 2 | 6 56 | 4 45 | 4 33 | 15 18 | 14 25 | 7 1 |
| T 16 | 10 2 | 12 36 | 2 32 | 14 28 | 0 40 | 8 41 | 1 11 | 23 33 | 0 11 | 5 22 | 1 26 | 19 42 | 1 40 | 18 15 | 0 17 | 6 11 | 1 36 | 22 2 | 6 55 | 4 44 | 4 32 | 15 17 | 14 25 | 7 2 |
| F 17 | 10 24 | 15 17 | 3 31 | 15 17 | 0 51 | 9 10 | 1 10 | 23 34 | 0 13 | 5 24 | 1 26 | 19 43 | 1 40 | 18 16 | 0 17 | 6 10 | 1 36 | 22 2 | 6 55 | 4 44 | 4 30 | 15 15 | 14 24 | 7 2 |
| S 18 | 10 45 | 17 8 | 4 18 | 16 5 | 1 2 | 9 37 | 1 8 | 23 36 | 0 15 | 5 25 | 1 26 | 19 44 | 1 40 | 18 16 | 0 17 | 6 9 | 1 36 | 22 2 | 6 55 | 4 43 | 4 29 | 15 14 | 14 23 | 7 3 |
| S 19 | 11 6 | 18 6 | 4 51 | 16 50 | 1 13 | 10 5 | 1 7 | 23 37 | 0 17 | 5 27 | 1 25 | 19 46 | 1 40 | 18 17 | 0 17 | 6 9 | 1 36 | 22 2 | 6 55 | 4 42 | 4 28 | 15 13 | 14 22 | 7 4 |
| M20 | 11 26 | 18 12 | 5 10 | 17 34 | 1 24 | 10 33 | 1 5 | 23 39 | 0 19 | 5 29 | 1 25 | 19 47 | 1 40 | 18 18 | 0 17 | 6 8 | 1 36 | 22 2 | 6 55 | 4 41 | 4 27 | 15 12 | 14 21 | 7 4 |
| T 21 | 11 47 | 17 28 | 5 15 | 18 15 | 1 34 | 11 0 | 1 4 | 23 40 | 0 21 | 5 30 | 1 25 | 19 48 | 1 39 | 18 19 | 0 17 | 6 8 | 1 36 | 22 2 | 6 55 | 4 40 | 4 25 | 15 11 | 14 20 | 7 5 |
| W22 | 12 7 | 15 59 | 5 7 | 18 54 | 1 44 | 11 27 | 1 2 | 23 42 | 0 23 | 5 32 | 1 25 | 19 49 | 1 39 | 18 20 | 0 17 | 6 7 | 1 36 | 22 2 | 6 55 | 4 40 | 4 24 | 15 10 | 14 20 | 7 6 |
| T 23 | 12 27 | 13 48 | 4 45 | 19 31 | 1 53 | 11 53 | 1 1 | 23 44 | 0 25 | 5 33 | 1 25 | 19 51 | 1 39 | 18 21 | 0 17 | 6 6 | 1 36 | 22 2 | 6 55 | 4 40 | 4 23 | 15 9 | 14 19 | 7 6 |
| F 24 | 12 47 | 11 3 | 4 11 | 20 6 | 2 2 | 12 20 | 0 59 | 23 45 | 0 27 | 5 35 | 1 25 | 19 52 | 1 39 | 18 21 | 0 17 | 6 6 | 1 36 | 22 2 | 6 55 | 4 40 | 4 22 | 15 8 | 14 18 | 7 7 |
| S 25 | 13 7 | 7 49 | 3 26 | 20 37 | 2 10 | 12 46 | 0 57 | 23 47 | 0 29 | 5 36 | 1 24 | 19 53 | 1 39 | 18 22 | 0 16 | 6 5 | 1 36 | 22 2 | 6 54 | 4 41 | 4 20 | 15 6 | 14 17 | 7 8 |
| S 26 | 13 26 | 4 12 | 2 31 | 21 7 | 2 18 | 13 12 | 0 55 | 23 48 | 0 32 | 5 37 | 1 24 | 19 54 | 1 39 | 18 23 | 0 16 | 6 5 | 1 36 | 22 2 | 6 54 | 4 41 | 4 19 | 15 5 | 14 17 | 7 8 |
| M27 | 13 46 | 0 20 | 1 28 | 21 33 | 2 24 | 13 37 | 0 53 | 23 50 | 0 34 | 5 38 | 1 24 | 19 56 | 1 39 | 18 24 | 0 16 | 6 4 | 1 36 | 22 2 | 6 54 | 4 42 | 4 18 | 15 4 | 14 16 | 7 9 |
| T 28 | 14 5 | 3n39 | 0 19 | 21 58 | 2 30 | 14 2 | 0 52 | 23 52 | 0 36 | 5 40 | 1 24 | 19 57 | 1 38 | 18 25 | 0 16 | 6 3 | 1 36 | 22 1 | 6 54 | 4 42 | 4 17 | 15 3 | 14 15 | 7 10 |
| W29 | 14 24 | 7 34 | 0s53 | 22 19 | 2 35 | 14 27 | 0 50 | 23 54 | 0 39 | 5 41 | 1 24 | 19 58 | 1 38 | 18 26 | 0 16 | 6 3 | 1 36 | 22 1 | 6 54 | 4 42 | 4 16 | 15 2 | 14 15 | 7 10 |
| T 30 | 14n42 | 11n12 | 2s 3 | 22n38 | 2n39 | 14n52 | 0s48 | 23s55 | 0s41 | 5n42 | 1n24 | 20n 0 | 1s38 | 18n26 | 0s16 | 6s 2 | 1n36 | 22n 1 | 6n54 | 4s41 | 4s14 | 15s 1 | 14s14 | 7n11 |

Julian Day Number = 2613437.5, Delta T = 10m49s
Ecliptic obliquity = 23°22'46, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'15, Lahiri = 30°03'16


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## MAY 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 35 50 | 10♉44'27 | 18♉38 | 0♊52 | 13♉58 | 6♋18 | 18°R47 | 8♊15 | 23♉59 | 19°R13 | 17♌47 | 11°R50 | 10♎41 | 1♒58 | 23°R40 | F 1 |
| S 2 | 14 39 46 | 11°42'57 | 2♊36 | 1°51 | 15°12 | 6°31 | 18♍44 | 8°22 | 24° 2 | 19♎11 | 17°47 | 11♎46 | 10°38 | 2° 5 | 23♋40 | S 2 |
| S 3 | 14 43 43 | 12°41'24 | 16°46 | 2°45 | 16°26 | 6°44 | 18°42 | 8°29 | 24° 6 | 19°10 | 17°47 | 11°42 | 10°34 | 2°11 | 23°40 | S 3 |
| M 4 | 14 47 39 | 13°39'50 | 1♋ 5 | 3°33 | 17°40 | 6°56 | 18°40 | 8°37 | 24° 9 | 19° 8 | 17°47 | 11°37 | 10°31 | 2°18 | 23°40 | M 4 |
| T 5 | 14 51 36 | 14°38'14 | 15°25 | 4°17 | 18°54 | 7° 7 | 18°38 | 8°44 | 24°12 | 19° 7 | 17°47 | 11°33 | 10°28 | 2°25 | 23°39 | T 5 |
| W 6 | 14 55 33 | 15°36'35 | 29°45 | 4°54 | 20° 8 | 7°18 | 18°36 | 8°51 | 24°16 | 19° 6 | 17°47 | 11°31 | 10°25 | 2°32 | 23°39 | W 6 |
| T 7 | 14 59 29 | 16°34'55 | 13♌59 | 5°26 | 21°22 | 7°28 | 18°35 | 8°59 | 24°19 | 19° 4 | 17°48 | 11°D30 | 10°22 | 2°38 | 23°39 | T 7 |
| F 8 | 15 3 26 | 17°33'12 | 28° 6 | 5°53 | 22°36 | 7°38 | 18°33 | 9° 6 | 24°23 | 19° 3 | 17°48 | 11°30 | 10°19 | 2°45 | 23°38 | F 8 |
| S 9 | 15 7 22 | 18°31'27 | 12♍ 4 | 6°14 | 23°50 | 7°47 | 18°32 | 9°13 | 24°26 | 19° 1 | 17°48 | 11°31 | 10°15 | 2°52 | 23°37 | S 9 |
| S 10 | 15 11 19 | 19°29'40 | 25°53 | 6°30 | 25° 4 | 7°55 | 18°31 | 9°21 | 24°30 | 19° 0 | 17°48 | 11°33 | 10°12 | 2°58 | 23°37 | S 10 |
| M11 | 15 15 15 | 20°27'52 | 9♎32 | 6°40 | 26°18 | 8° 3 | 18°30 | 9°28 | 24°33 | 18°59 | 17°49 | 11°R34 | 10° 9 | 3° 5 | 23°36 | M11 |
| T 12 | 15 19 12 | 21°26'01 | 22°59 | 6°R45 | 27°32 | 8°10 | 18°29 | 9°36 | 24°37 | 18°57 | 17°49 | 11°33 | 10° 6 | 3°12 | 23°35 | T 12 |
| W13 | 15 23 8 | 22°24'08 | 6♏15 | 6°45 | 28°46 | 8°17 | 18°29 | 9°43 | 24°40 | 18°56 | 17°49 | 11°31 | 10° 3 | 3°18 | 23°34 | W13 |
| T 14 | 15 27 5 | 23°22'14 | 19°19 | 6°39 | 0♊ 0 | 8°23 | 18°29 | 9°51 | 24°43 | 18°55 | 17°50 | 11°26 | 9°59 | 3°25 | 23°33 | T 14 |
| F 15 | 15 31 2 | 24°20'18 | 2♐10 | 6°29 | 1°14 | 8°28 | 18°D28 | 9°59 | 24°47 | 18°53 | 17°50 | 11°20 | 9°56 | 3°32 | 23°32 | F 15 |
| S 16 | 15 34 58 | 25°18'21 | 14°47 | 6°14 | 2°28 | 8°32 | 18°28 | 10° 6 | 24°50 | 18°52 | 17°50 | 11°13 | 9°53 | 3°39 | 23°31 | S 16 |
| S 17 | 15 38 55 | 26°16'22 | 27°12 | 5°55 | 3°42 | 8°36 | 18°29 | 10°14 | 24°54 | 18°51 | 17°51 | 11° 4 | 9°50 | 3°45 | 23°30 | S 17 |
| M18 | 15 42 51 | 27°14'22 | 9♑24 | 5°32 | 4°56 | 8°39 | 18°29 | 10°21 | 24°57 | 18°50 | 17°51 | 10°57 | 9°47 | 3°52 | 23°28 | M18 |
| T 19 | 15 46 48 | 28°12'20 | 21°26 | 5° 6 | 6°10 | 8°42 | 18°30 | 10°29 | 25° 1 | 18°48 | 17°52 | 10°50 | 9°44 | 3°59 | 23°27 | T 19 |
| W20 | 15 50 44 | 29°10'17 | 3♒21 | 4°36 | 7°23 | 8°43 | 18°30 | 10°37 | 25° 4 | 18°47 | 17°52 | 10°45 | 9°40 | 4° 5 | 23°25 | W20 |
| T 21 | 15 54 41 | 0♊ 8'12 | 15°13 | 4° 5 | 8°37 | 8°44 | 18°31 | 10°44 | 25° 8 | 18°46 | 17°53 | 10°41 | 9°37 | 4°12 | 23°24 | T 21 |
| F 22 | 15 58 37 | 1° 6'07 | 27° 5 | 3°31 | 9°51 | 8°R45 | 18°33 | 10°52 | 25°11 | 18°45 | 17°54 | 10°D40 | 9°34 | 4°19 | 23°22 | F 22 |
| S 23 | 16 2 34 | 2° 4'00 | 9♓ 4 | 2°57 | 11° 5 | 8°44 | 18°34 | 11° 0 | 25°15 | 18°44 | 17°54 | 10°40 | 9°31 | 4°26 | 23°20 | S 23 |
| S 24 | 16 6 31 | 3° 1'52 | 21°14 | 2°22 | 12°19 | 8°43 | 18°35 | 11° 8 | 25°18 | 18°43 | 17°55 | 10°41 | 9°28 | 4°32 | 23°19 | S 24 |
| M25 | 16 10 27 | 3°59'42 | 3♈40 | 1°46 | 13°32 | 8°41 | 18°37 | 11°15 | 25°22 | 18°42 | 17°55 | 10°42 | 9°25 | 4°39 | 23°17 | M25 |
| T 26 | 16 14 24 | 4°57'32 | 16°27 | 1°12 | 14°46 | 8°38 | 18°39 | 11°23 | 25°25 | 18°41 | 17°56 | 10°R42 | 9°21 | 4°46 | 23°15 | T 26 |
| W27 | 16 18 20 | 5°55'20 | 29°37 | 0°38 | 16° 0 | 8°34 | 18°41 | 11°31 | 25°28 | 18°40 | 17°57 | 10°40 | 9°18 | 4°52 | 23°13 | W27 |
| T 28 | 16 22 17 | 6°53'07 | 13♉13 | 0° 7 | 17°14 | 8°30 | 18°43 | 11°39 | 25°32 | 18°39 | 17°58 | 10°36 | 9°15 | 4°59 | 23°11 | T 28 |
| F 29 | 16 26 13 | 7°50'53 | 27°13 | 29♉38 | 18°27 | 8°25 | 18°46 | 11°46 | 25°35 | 18°38 | 17°58 | 10°30 | 9°12 | 5° 6 | 23° 8 | F 29 |
| S 30 | 16 30 10 | 8°48'38 | 11♊35 | 29°11 | 19°41 | 8°19 | 18°48 | 11°54 | 25°39 | 18°37 | 17°59 | 10°22 | 9° 9 | 5°13 | 23° 6 | S 30 |
| S 31 | 16 34 6 | 9♊46'21 | 26♊12 | 28♉48 | 20♊55 | 8♋12 | 18♍51 | 12♊ 2 | 25♉42 | 18♎36 | 18♌ 0 | 10♎13 | 9♎ 5 | 5♒19 | 23♋ 4 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n 1 | 14n19 | 3s 8 | 22n55 | 2n42 | 15n16 | 0s46 | 23s57 | 0s43 | 5n42 | 1n23 | 20n 1 | 1s38 | 18n27 | 0s16 | 6s 2 | 1n36 | 22n 1 | 6n54 | 4s40 | 4s13 | 15s 0 | 14s13 | 7n12 |
| S 2 | 15 19 | 16 40 | 4 2 | 23 9 | 2 44 | 15 39 | 0 44 | 23 59 | 0 46 | 5 43 | 1 23 | 20 2 | 1 38 | 18 28 | 0 16 | 6 1 | 1 36 | 22 1 | 6 54 | 4 39 | 4 12 | 14 59 | 14 13 | 7 12 |
| S 3 | 15 36 | 18 2 | 4 43 | 23 21 | 2 45 | 16 3 | 0 42 | 24 1 | 0 49 | 5 44 | 1 23 | 20 3 | 1 38 | 18 29 | 0 16 | 6 1 | 1 36 | 22 1 | 6 54 | 4 37 | 4 11 | 14 57 | 14 12 | 7 13 |
| M 4 | 15 54 | 18 16 | 5 7 | 23 30 | 2 44 | 16 26 | 0 39 | 24 3 | 0 51 | 5 45 | 1 23 | 20 5 | 1 38 | 18 30 | 0 16 | 6 0 | 1 36 | 22 1 | 6 53 | 4 35 | 4 9 | 14 56 | 14 11 | 7 13 |
| T 5 | 16 11 | 17 20 | 5 11 | 23 37 | 2 43 | 16 48 | 0 37 | 24 5 | 0 54 | 5 45 | 1 23 | 20 6 | 1 37 | 18 31 | 0 16 | 6 0 | 1 36 | 22 1 | 6 53 | 4 34 | 4 8 | 14 55 | 14 11 | 7 14 |
| W 6 | 16 28 | 15 19 | 4 56 | 23 41 | 2 41 | 17 10 | 0 35 | 24 7 | 0 57 | 5 46 | 1 22 | 20 7 | 1 37 | 18 32 | 0 16 | 5 59 | 1 35 | 22 0 | 6 53 | 4 33 | 4 7 | 14 54 | 14 10 | 7 15 |
| T 7 | 16 45 | 12 23 | 4 23 | 23 44 | 2 37 | 17 32 | 0 33 | 24 9 | 0 59 | 5 46 | 1 22 | 20 8 | 1 37 | 18 32 | 0 16 | 5 59 | 1 35 | 22 0 | 6 53 | 4 32 | 4 6 | 14 53 | 14 10 | 7 15 |
| F 8 | 17 2 | 8 45 | 3 35 | 23 44 | 2 32 | 17 53 | 0 31 | 24 12 | 1 2 | 5 47 | 1 22 | 20 10 | 1 37 | 18 33 | 0 16 | 5 58 | 1 35 | 22 0 | 6 53 | 4 32 | 4 4 | 14 52 | 14 9 | 7 16 |
| S 9 | 17 18 | 4 39 | 2 34 | 23 42 | 2 26 | 18 13 | 0 29 | 24 14 | 1 5 | 5 47 | 1 22 | 20 11 | 1 37 | 18 34 | 0 16 | 5 57 | 1 35 | 22 0 | 6 53 | 4 33 | 4 3 | 14 50 | 14 9 | 7 17 |
| S 10 | 17 34 | 0 20 | 1 24 | 23 37 | 2 19 | 18 34 | 0 26 | 24 16 | 1 8 | 5 47 | 1 22 | 20 12 | 1 37 | 18 35 | 0 16 | 5 57 | 1 35 | 22 0 | 6 53 | 4 33 | 4 2 | 14 49 | 14 8 | 7 17 |
| M11 | 17 49 | 3s56 | 0 11 | 23 31 | 2 10 | 18 53 | 0 24 | 24 19 | 1 11 | 5 47 | 1 22 | 20 13 | 1 37 | 18 36 | 0 16 | 5 57 | 1 35 | 22 0 | 6 53 | 4 34 | 4 1 | 14 48 | 14 8 | 7 18 |
| T 12 | 18 5 | 7 58 | 1n 2 | 23 22 | 2 1 | 19 13 | 0 22 | 24 21 | 1 14 | 5 47 | 1 21 | 20 14 | 1 37 | 18 37 | 0 16 | 5 56 | 1 35 | 21 59 | 6 52 | 4 33 | 3 59 | 14 47 | 14 7 | 7 18 |
| W13 | 18 19 | 11 32 | 2 10 | 23 11 | 1 50 | 19 31 | 0 19 | 24 24 | 1 17 | 5 47 | 1 21 | 20 16 | 1 37 | 18 37 | 0 16 | 5 56 | 1 35 | 21 59 | 6 52 | 4 33 | 3 58 | 14 46 | 14 7 | 7 19 |
| T 14 | 18 34 | 14 28 | 3 10 | 22 59 | 1 38 | 19 49 | 0 17 | 24 27 | 1 20 | 5 47 | 1 21 | 20 17 | 1 36 | 18 38 | 0 16 | 5 55 | 1 35 | 21 59 | 6 52 | 4 31 | 3 57 | 14 45 | 14 6 | 7 20 |
| F 15 | 18 48 | 16 38 | 4 0 | 22 44 | 1 25 | 20 7 | 0 15 | 24 30 | 1 23 | 5 47 | 1 21 | 20 18 | 1 36 | 18 39 | 0 16 | 5 55 | 1 35 | 21 59 | 6 52 | 4 28 | 3 56 | 14 43 | 14 6 | 7 20 |
| S 16 | 19 3 | 17 56 | 4 36 | 22 28 | 1 11 | 20 24 | 0 12 | 24 33 | 1 27 | 5 47 | 1 21 | 20 19 | 1 36 | 18 40 | 0 16 | 5 54 | 1 35 | 21 58 | 6 52 | 4 25 | 3 54 | 14 42 | 14 6 | 7 21 |
| S 17 | 19 16 | 18 22 | 4 59 | 22 10 | 0 56 | 20 41 | 0 10 | 24 36 | 1 30 | 5 47 | 1 20 | 20 21 | 1 36 | 18 41 | 0 16 | 5 54 | 1 35 | 21 58 | 6 52 | 4 22 | 3 53 | 14 41 | 14 5 | 7 21 |
| M18 | 19 30 | 17 56 | 5 8 | 21 51 | 0 41 | 20 57 | 0 7 | 24 39 | 1 33 | 5 46 | 1 20 | 20 22 | 1 36 | 18 42 | 0 16 | 5 53 | 1 35 | 21 58 | 6 52 | 4 19 | 3 52 | 14 40 | 14 5 | 7 22 |
| T 19 | 19 43 | 16 42 | 5 3 | 21 30 | 0 24 | 21 12 | 0 5 | 24 42 | 1 36 | 5 46 | 1 20 | 20 23 | 1 36 | 18 43 | 0 16 | 5 53 | 1 35 | 21 58 | 6 52 | 4 17 | 3 51 | 14 39 | 14 4 | 7 23 |
| W20 | 19 55 | 14 45 | 4 44 | 21 8 | 0 8 | 21 27 | 0 3 | 24 45 | 1 40 | 5 45 | 1 20 | 20 24 | 1 36 | 18 43 | 0 16 | 5 52 | 1 35 | 21 57 | 6 52 | 4 14 | 3 49 | 14 38 | 14 4 | 7 23 |
| T 21 | 20 8 | 12 11 | 4 14 | 20 45 | 0s10 | 21 41 | 0 0 | 24 49 | 1 43 | 5 45 | 1 20 | 20 25 | 1 36 | 18 44 | 0 16 | 5 52 | 1 35 | 21 57 | 6 51 | 4 13 | 3 48 | 14 36 | 14 4 | 7 24 |
| F 22 | 20 20 | 9 7 | 3 33 | 20 21 | 0 27 | 21 55 | 0n 2 | 24 52 | 1 47 | 5 44 | 1 19 | 20 26 | 1 36 | 18 45 | 0 16 | 5 52 | 1 35 | 21 57 | 6 51 | 4 13 | 3 47 | 14 35 | 14 3 | 7 24 |
| S 23 | 20 31 | 5 39 | 2 42 | 19 58 | 0 45 | 22 7 | 0 5 | 24 56 | 1 50 | 5 44 | 1 19 | 20 28 | 1 36 | 18 46 | 0 16 | 5 51 | 1 35 | 21 56 | 6 51 | 4 13 | 3 46 | 14 34 | 14 3 | 7 25 |
| S 24 | 20 43 | 1 53 | 1 43 | 19 33 | 1 3 | 22 20 | 0 7 | 24 59 | 1 54 | 5 43 | 1 19 | 20 29 | 1 35 | 18 47 | 0 16 | 5 51 | 1 35 | 21 56 | 6 51 | 4 13 | 3 44 | 14 33 | 14 3 | 7 25 |
| M25 | 20 54 | 2n 2 | 0 38 | 19 10 | 1 20 | 22 32 | 0 10 | 25 3 | 1 58 | 5 42 | 1 19 | 20 30 | 1 35 | 18 48 | 0 16 | 5 51 | 1 35 | 21 56 | 6 51 | 4 13 | 3 43 | 14 32 | 14 3 | 7 26 |
| T 26 | 21 4 | 5 59 | 0s31 | 18 46 | 1 37 | 22 43 | 0 12 | 25 7 | 2 1 | 5 41 | 1 19 | 20 31 | 1 35 | 18 48 | 0 16 | 5 50 | 1 35 | 21 56 | 6 51 | 4 13 | 3 42 | 14 30 | 14 2 | 7 27 |
| W27 | 21 14 | 9 45 | 1 40 | 18 23 | 1 53 | 22 53 | 0 14 | 25 11 | 2 5 | 5 40 | 1 18 | 20 32 | 1 35 | 18 49 | 0 16 | 5 50 | 1 35 | 21 55 | 6 51 | 4 13 | 3 41 | 14 29 | 14 2 | 7 27 |
| T 28 | 21 24 | 13 8 | 2 45 | 18 1 | 2 9 | 23 3 | 0 17 | 25 15 | 2 9 | 5 39 | 1 18 | 20 33 | 1 35 | 18 50 | 0 16 | 5 49 | 1 35 | 21 55 | 6 51 | 4 11 | 3 39 | 14 28 | 14 2 | 7 28 |
| F 29 | 21 34 | 15 53 | 3 42 | 17 41 | 2 24 | 23 12 | 0 19 | 25 19 | 2 13 | 5 38 | 1 18 | 20 34 | 1 35 | 18 51 | 0 16 | 5 49 | 1 35 | 21 55 | 6 51 | 4 9 | 3 38 | 14 27 | 14 2 | 7 28 |
| S 30 | 21 43 | 17 42 | 4 27 | 17 21 | 2 38 | 23 20 | 0 22 | 25 23 | 2 16 | 5 37 | 1 18 | 20 35 | 1 35 | 18 52 | 0 16 | 5 49 | 1 35 | 21 54 | 6 50 | 4 6 | 3 37 | 14 26 | 14 2 | 7 29 |
| S 31 | 21n52 | 18n24 | 4s55 | 17n 4 | 2s51 | 23n28 | 0n24 | 25s27 | 2s20 | 5n35 | 1n17 | 20n36 | 1s35 | 18n52 | 0s16 | 5s48 | 1n35 | 21n54 | 6n50 | 4s 2 | 3s36 | 14s24 | 14s 2 | 7n29 |

Julian Day Number = 2613467.5, Delta T = 10m49s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'19, Lahiri = 30°03'20


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## JUNE 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 38 3 | 10♊44'04 | 10♋57 | 28°R28 | 22♊ 9 | 8°R 5 | 18♍54 | 12♊10 | 25♉45 | 18°R35 | 18♘ 1 | 10°R 4 | 9♎ 2 | 5♒26 | 23°R 2 | M 1 |
| T 2 | 16 42 0 | 11°41'44 | 25°43 | 28♉12 | 23°22 | 7♑57 | 18°57 | 12°17 | 25°49 | 18♎34 | 18° 2 | 9♎56 | 8°59 | 5°33 | 22♑59 | T 2 |
| W 3 | 16 45 56 | 12°39'24 | 10♘21 | 28° 0 | 24°36 | 7°48 | 19° 0 | 12°25 | 25°52 | 18°33 | 18° 2 | 9°50 | 8°56 | 5°39 | 22°57 | W 3 |
| T 4 | 16 49 53 | 13°37'01 | 24°46 | 27°53 | 25°50 | 7°38 | 19° 3 | 12°33 | 25°56 | 18°33 | 18° 3 | 9°47 | 8°53 | 5°46 | 22°54 | T 4 |
| F 5 | 16 53 49 | 14°34'37 | 8♍56 | 27°D49 | 27° 3 | 7°28 | 19° 7 | 12°41 | 25°59 | 18°32 | 18° 4 | 9°D45 | 8°50 | 5°53 | 22°51 | F 5 |
| S 6 | 16 57 46 | 15°32'12 | 22°48 | 27°50 | 28°17 | 7°17 | 19°11 | 12°49 | 26° 2 | 18°31 | 18° 5 | 9°45 | 8°46 | 6° 0 | 22°49 | S 6 |
| S 7 | 17 1 42 | 16°29'46 | 6♎24 | 27°56 | 29°30 | 7° 5 | 19°15 | 12°56 | 26° 6 | 18°30 | 18° 6 | 9°R46 | 8°43 | 6° 6 | 22°46 | S 7 |
| M 8 | 17 5 39 | 17°27'18 | 19°45 | 28° 6 | 0♋44 | 6°53 | 19°19 | 13° 4 | 26° 9 | 18°30 | 18° 7 | 9°46 | 8°40 | 6°13 | 22°43 | M 8 |
| T 9 | 17 9 35 | 18°24'48 | 2♏52 | 28°21 | 1°57 | 6°40 | 19°23 | 13°12 | 26°12 | 18°29 | 18° 8 | 9°43 | 8°37 | 6°20 | 22°40 | T 9 |
| W10 | 17 13 32 | 19°22'18 | 15°47 | 28°39 | 3°11 | 6°27 | 19°27 | 13°20 | 26°15 | 18°28 | 18° 9 | 9°39 | 8°34 | 6°26 | 22°37 | W10 |
| T 11 | 17 17 29 | 20°19'46 | 28°31 | 29° 3 | 4°25 | 6°12 | 19°32 | 13°27 | 26°19 | 18°28 | 18°10 | 9°31 | 8°30 | 6°33 | 22°34 | T 11 |
| F 12 | 17 21 25 | 21°17'13 | 11♐ 4 | 29°30 | 5°38 | 5°58 | 19°37 | 13°35 | 26°22 | 18°27 | 18°11 | 9°22 | 8°27 | 6°40 | 22°31 | F 12 |
| S 13 | 17 25 22 | 22°14'40 | 23°27 | 0♊ 2 | 6°52 | 5°42 | 19°41 | 13°43 | 26°25 | 18°27 | 18°12 | 9°10 | 8°24 | 6°46 | 22°28 | S 13 |
| S 14 | 17 29 18 | 23°12'05 | 5♑41 | 0°38 | 8° 5 | 5°26 | 19°46 | 13°51 | 26°28 | 18°26 | 18°14 | 8°57 | 8°21 | 6°53 | 22°25 | S 14 |
| M15 | 17 33 15 | 24° 9'30 | 17°46 | 1°18 | 9°18 | 5°10 | 19°52 | 13°58 | 26°31 | 18°26 | 18°15 | 8°44 | 8°18 | 7° 0 | 22°22 | M15 |
| T 16 | 17 37 11 | 25° 6'54 | 29°44 | 2° 2 | 10°32 | 4°53 | 19°57 | 14° 6 | 26°35 | 18°25 | 18°16 | 8°33 | 8°15 | 7° 7 | 22°19 | T 16 |
| W17 | 17 41 8 | 26° 4'17 | 11♒37 | 2°50 | 11°45 | 4°36 | 20° 2 | 14°14 | 26°38 | 18°25 | 18°17 | 8°24 | 8°11 | 7°13 | 22°16 | W17 |
| T 18 | 17 45 4 | 27° 1'39 | 23°27 | 3°42 | 12°59 | 4°18 | 20° 8 | 14°21 | 26°41 | 18°24 | 18°18 | 8°17 | 8° 8 | 7°20 | 22°12 | T 18 |
| F 19 | 17 49 1 | 27°59'01 | 5♓18 | 4°37 | 14°12 | 4° 0 | 20°14 | 14°29 | 26°44 | 18°24 | 18°19 | 8°13 | 8° 5 | 7°27 | 22° 9 | F 19 |
| S 20 | 17 52 58 | 28°56'23 | 17°15 | 5°37 | 15°26 | 3°42 | 20°19 | 14°37 | 26°47 | 18°24 | 18°21 | 8°11 | 8° 2 | 7°33 | 22° 6 | S 20 |
| S 21 | 17 56 54 | 29°53'44 | 29°23 | 6°39 | 16°39 | 3°23 | 20°25 | 14°44 | 26°50 | 18°23 | 18°22 | 8°D11 | 7°59 | 7°40 | 22° 2 | S 21 |
| M22 | 18 0 51 | 0♋51'04 | 11♈47 | 7°45 | 17°52 | 3° 4 | 20°32 | 14°52 | 26°53 | 18°23 | 18°23 | 8°R11 | 7°56 | 7°47 | 21°59 | M22 |
| T 23 | 18 4 47 | 1°48'24 | 24°32 | 8°55 | 19° 6 | 2°45 | 20°38 | 14°59 | 26°56 | 18°23 | 18°25 | 8°10 | 7°52 | 7°54 | 21°55 | T 23 |
| W24 | 18 8 44 | 2°45'44 | 7♉43 | 10° 8 | 20°19 | 2°26 | 20°44 | 15° 7 | 26°59 | 18°23 | 18°26 | 8° 7 | 7°49 | 8° 0 | 21°52 | W24 |
| T 25 | 18 12 40 | 3°43'04 | 21°21 | 11°24 | 21°32 | 2° 7 | 20°51 | 15°14 | 27° 2 | 18°23 | 18°27 | 8° 3 | 7°46 | 8° 7 | 21°48 | T 25 |
| F 26 | 18 16 37 | 4°40'23 | 5♊29 | 12°44 | 22°46 | 1°47 | 20°58 | 15°22 | 27° 5 | 18°23 | 18°29 | 7°55 | 7°43 | 8°14 | 21°45 | F 26 |
| S 27 | 18 20 33 | 5°37'42 | 20° 2 | 14° 7 | 23°59 | 1°28 | 21° 5 | 15°29 | 27° 8 | 18°22 | 18°30 | 7°46 | 7°40 | 8°20 | 21°41 | S 27 |
| S 28 | 18 24 30 | 6°35'01 | 4♋56 | 15°33 | 25°12 | 1° 8 | 21°12 | 15°37 | 27°11 | 18°22 | 18°31 | 7°35 | 7°36 | 8°27 | 21°37 | S 28 |
| M29 | 18 28 27 | 7°32'19 | 20° 2 | 17° 2 | 26°26 | 0°49 | 21°19 | 15°44 | 27°14 | 18°D22 | 18°33 | 7°24 | 7°33 | 8°34 | 21°34 | M29 |
| T 30 | 18 32 23 | 8♋29'36 | 5♘ 9 | 18♊35 | 27♋39 | 0♑30 | 21♍26 | 15♊52 | 27♉16 | 18♎22 | 18♘34 | 7♎14 | 7♎30 | 8♒40 | 21♑30 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 0 | 17n53 | 5s 4 | 16n48 | 3s 3 | 23n35 | 0n26 | 25s32 | 2s24 | 5n34 | 1n17 | 20n38 | 1s35 | 18n53 | 0s16 | 5s48 | 1n35 | 21n53 | 6n50 | 3s59 | 3s34 | 14s23 | 14s 2 | 7n30 |
| T 2 | 22 8 | 16 9 | 4 53 | 16 34 | 3 14 | 23 42 | 0 29 | 25 36 | 2 28 | 5 33 | 1 17 | 20 39 | 1 35 | 18 54 | 0 16 | 5 48 | 1 35 | 21 53 | 6 50 | 3 56 | 3 33 | 14 22 | 14 1 | 7 30 |
| W 3 | 22 15 | 13 23 | 4 23 | 16 22 | 3 23 | 23 47 | 0 31 | 25 41 | 2 32 | 5 31 | 1 17 | 20 40 | 1 35 | 18 55 | 0 16 | 5 48 | 1 35 | 21 53 | 6 50 | 3 53 | 3 32 | 14 21 | 14 1 | 7 31 |
| T 4 | 22 23 | 9 50 | 3 36 | 16 12 | 3 32 | 23 52 | 0 33 | 25 45 | 2 36 | 5 30 | 1 17 | 20 41 | 1 35 | 18 56 | 0 16 | 5 47 | 1 35 | 21 52 | 6 50 | 3 52 | 3 31 | 14 20 | 14 1 | 7 31 |
| F 5 | 22 29 | 5 47 | 2 37 | 16 4 | 3 39 | 23 57 | 0 36 | 25 49 | 2 40 | 5 28 | 1 16 | 20 42 | 1 35 | 18 56 | 0 16 | 5 47 | 1 35 | 21 52 | 6 50 | 3 51 | 3 29 | 14 18 | 14 1 | 7 32 |
| S 6 | 22 36 | 1 29 | 1 29 | 15 58 | 3 45 | 24 0 | 0 38 | 25 54 | 2 44 | 5 27 | 1 16 | 20 43 | 1 35 | 18 57 | 0 16 | 5 47 | 1 35 | 21 52 | 6 50 | 3 51 | 3 28 | 14 17 | 14 1 | 7 32 |
| S 7 | 22 42 | 2s49 | 0 18 | 15 54 | 3 50 | 24 3 | 0 40 | 25 59 | 2 47 | 5 25 | 1 16 | 20 44 | 1 34 | 18 58 | 0 16 | 5 47 | 1 35 | 21 51 | 6 50 | 3 52 | 3 27 | 14 16 | 14 1 | 7 32 |
| M 8 | 22 47 | 6 53 | 0n53 | 15 53 | 3 54 | 24 5 | 0 43 | 26 3 | 2 51 | 5 23 | 1 16 | 20 45 | 1 34 | 18 59 | 0 16 | 5 46 | 1 34 | 21 51 | 6 50 | 3 51 | 3 26 | 14 15 | 14 1 | 7 33 |
| T 9 | 22 53 | 10 34 | 2 0 | 15 53 | 3 57 | 24 7 | 0 45 | 26 8 | 2 55 | 5 21 | 1 16 | 20 46 | 1 34 | 19 0 | 0 16 | 5 46 | 1 34 | 21 50 | 6 49 | 3 51 | 3 24 | 14 14 | 14 1 | 7 33 |
| W10 | 22 57 | 13 40 | 2 59 | 15 56 | 3 59 | 24 7 | 0 47 | 26 12 | 2 59 | 5 19 | 1 16 | 20 47 | 1 34 | 19 0 | 0 16 | 5 46 | 1 34 | 21 50 | 6 49 | 3 49 | 3 23 | 14 12 | 14 1 | 7 34 |
| T 11 | 23 2 | 16 4 | 3 48 | 16 0 | 3 59 | 24 8 | 0 49 | 26 17 | 3 3 | 5 17 | 1 15 | 20 48 | 1 34 | 19 1 | 0 16 | 5 46 | 1 34 | 21 50 | 6 49 | 3 46 | 3 22 | 14 11 | 14 1 | 7 34 |
| F 12 | 23 6 | 17 40 | 4 26 | 16 6 | 3 59 | 24 7 | 0 51 | 26 21 | 3 7 | 5 15 | 1 15 | 20 49 | 1 34 | 19 2 | 0 16 | 5 46 | 1 34 | 21 49 | 6 49 | 3 42 | 3 21 | 14 10 | 14 1 | 7 35 |
| S 13 | 23 9 | 18 23 | 4 50 | 16 14 | 3 58 | 24 6 | 0 53 | 26 26 | 3 11 | 5 13 | 1 15 | 20 50 | 1 34 | 19 3 | 0 16 | 5 45 | 1 34 | 21 49 | 6 49 | 3 37 | 3 19 | 14 9 | 14 1 | 7 35 |
| S 14 | 23 12 | 18 15 | 5 0 | 16 23 | 3 56 | 24 3 | 0 56 | 26 30 | 3 15 | 5 11 | 1 15 | 20 51 | 1 34 | 19 3 | 0 16 | 5 45 | 1 34 | 21 48 | 6 49 | 3 32 | 3 18 | 14 7 | 14 2 | 7 35 |
| M15 | 23 15 | 17 17 | 4 57 | 16 34 | 3 53 | 24 1 | 0 58 | 26 35 | 3 18 | 5 9 | 1 15 | 20 52 | 1 34 | 19 4 | 0 16 | 5 45 | 1 34 | 21 48 | 6 49 | 3 27 | 3 17 | 14 6 | 14 2 | 7 36 |
| T 16 | 23 17 | 15 34 | 4 41 | 16 46 | 3 49 | 23 57 | 1 0 | 26 39 | 3 22 | 5 7 | 1 14 | 20 53 | 1 34 | 19 5 | 0 16 | 5 45 | 1 34 | 21 47 | 6 49 | 3 23 | 3 16 | 14 5 | 14 2 | 7 36 |
| W17 | 23 19 | 13 13 | 4 13 | 17 0 | 3 45 | 23 53 | 1 2 | 26 44 | 3 26 | 5 4 | 1 14 | 20 54 | 1 34 | 19 5 | 0 16 | 5 45 | 1 34 | 21 47 | 6 49 | 3 19 | 3 14 | 14 4 | 14 2 | 7 36 |
| T 18 | 23 21 | 10 19 | 3 33 | 17 15 | 3 39 | 23 48 | 1 3 | 26 48 | 3 29 | 5 2 | 1 14 | 20 54 | 1 34 | 19 6 | 0 16 | 5 45 | 1 34 | 21 47 | 6 49 | 3 17 | 3 13 | 14 2 | 14 2 | 7 37 |
| F 19 | 23 22 | 6 59 | 2 45 | 17 31 | 3 33 | 23 42 | 1 5 | 26 52 | 3 33 | 5 0 | 1 14 | 20 55 | 1 34 | 19 7 | 0 16 | 5 45 | 1 34 | 21 46 | 6 49 | 3 15 | 3 12 | 14 1 | 14 2 | 7 37 |
| S 20 | 23 22 | 3 21 | 1 48 | 17 48 | 3 26 | 23 36 | 1 7 | 26 56 | 3 37 | 4 57 | 1 14 | 20 56 | 1 34 | 19 8 | 0 16 | 5 45 | 1 34 | 21 46 | 6 49 | 3 14 | 3 11 | 14 0 | 14 3 | 7 37 |
| S 21 | 23 23 | 0n28 | 0 46 | 18 6 | 3 19 | 23 29 | 1 9 | 27 0 | 3 40 | 4 55 | 1 13 | 20 57 | 1 34 | 19 8 | 0 16 | 5 45 | 1 34 | 21 45 | 6 49 | 3 14 | 3 9 | 13 59 | 14 3 | 7 38 |
| M22 | 23 23 | 4 21 | 0s19 | 18 24 | 3 11 | 23 21 | 1 11 | 27 4 | 3 43 | 4 52 | 1 13 | 20 58 | 1 34 | 19 9 | 0 16 | 5 45 | 1 34 | 21 45 | 6 48 | 3 14 | 3 8 | 13 57 | 14 3 | 7 38 |
| T 23 | 23 22 | 8 9 | 1 25 | 18 43 | 3 3 | 23 13 | 1 12 | 27 8 | 3 47 | 4 49 | 1 13 | 20 59 | 1 34 | 19 10 | 0 16 | 5 45 | 1 34 | 21 44 | 6 48 | 3 14 | 3 7 | 13 56 | 14 3 | 7 38 |
| W24 | 23 21 | 11 41 | 2 29 | 19 3 | 2 54 | 23 4 | 1 14 | 27 11 | 3 50 | 4 47 | 1 13 | 21 0 | 1 34 | 19 10 | 0 16 | 5 44 | 1 34 | 21 44 | 6 48 | 3 13 | 3 6 | 13 55 | 14 4 | 7 39 |
| T 25 | 23 20 | 14 43 | 3 27 | 19 23 | 2 44 | 22 54 | 1 16 | 27 15 | 3 53 | 4 44 | 1 13 | 21 1 | 1 34 | 19 11 | 0 16 | 5 44 | 1 34 | 21 43 | 6 48 | 3 11 | 3 4 | 13 54 | 14 4 | 7 39 |
| F 26 | 23 18 | 16 59 | 4 14 | 19 43 | 2 34 | 22 44 | 1 17 | 27 18 | 3 56 | 4 41 | 1 13 | 21 1 | 1 34 | 19 12 | 0 16 | 5 44 | 1 34 | 21 43 | 6 48 | 3 8 | 3 3 | 13 52 | 14 4 | 7 39 |
| S 27 | 23 16 | 18 15 | 4 46 | 20 3 | 2 24 | 22 33 | 1 19 | 27 21 | 3 59 | 4 38 | 1 12 | 21 2 | 1 34 | 19 12 | 0 16 | 5 44 | 1 34 | 21 42 | 6 48 | 3 4 | 3 2 | 13 51 | 14 4 | 7 39 |
| S 28 | 23 13 | 18 17 | 5 0 | 20 23 | 2 13 | 22 21 | 1 20 | 27 24 | 4 2 | 4 35 | 1 12 | 21 3 | 1 34 | 19 13 | 0 16 | 5 44 | 1 34 | 21 42 | 6 48 | 3 0 | 3 1 | 13 50 | 14 5 | 7 39 |
| M29 | 23 10 | 17 3 | 4 53 | 20 43 | 2 2 | 22 9 | 1 22 | 27 27 | 4 5 | 4 32 | 1 12 | 21 4 | 1 34 | 19 14 | 0 16 | 5 45 | 1 34 | 21 41 | 6 48 | 2 56 | 2 59 | 13 49 | 14 5 | 7 40 |
| T 30 | 23n 6 | 14n38 | 4s26 | 21n 3 | 1s51 | 21n56 | 1n23 | 27s30 | 4s 7 | 4n29 | 1n12 | 21n 5 | 1s34 | 19n14 | 0s16 | 5s45 | 1n33 | 21n41 | 6n48 | 2s52 | 2s58 | 13s47 | 14s 6 | 7n40 |

Julian Day Number = 2613498.5, Delta T = 10m49s
Ecliptic obliquity = 23°22'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'24, Lahiri = 30°03'24


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## JULY 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 36 20 | 9♋26'53 | 20♌ 7 | 20♊11 | 28♋52 | 0°R11 | 21♍33 | 15♊59 | 27♉19 | 18♎22 | 18♌36 | 7°R 7 | 7♎27 | 8♒47 | 21°R26 | W 1 |
| T 2 | 18 40 16 | 10°24'10 | 4♍48 | 21°49 | 0♌ 5 | 29♐52 | 21°41 | 16° 7 | 27°22 | 18°22 | 18°37 | 7♎ 2 | 7°24 | 8°54 | 21♑22 | T 2 |
| F 3 | 18 44 13 | 11°21'25 | 19° 9 | 23°31 | 1°19 | 29°33 | 21°48 | 16°14 | 27°25 | 18°23 | 18°39 | 6°59 | 7°21 | 9° 1 | 21°19 | F 3 |
| S 4 | 18 48 9 | 12°18'41 | 3♎ 6 | 25°16 | 2°32 | 29°15 | 21°56 | 16°21 | 27°27 | 18°23 | 18°40 | 6°59 | 7°17 | 9° 7 | 21°15 | S 4 |
| S 5 | 18 52 6 | 13°15'55 | 16°41 | 27° 4 | 3°45 | 28°57 | 22° 4 | 16°28 | 27°30 | 18°23 | 18°42 | 6°59 | 7°14 | 9°14 | 21°11 | S 5 |
| M 6 | 18 56 3 | 14°13'09 | 29°54 | 28°55 | 4°58 | 28°40 | 22°12 | 16°36 | 27°33 | 18°23 | 18°43 | 6°58 | 7°11 | 9°21 | 21° 7 | M 6 |
| T 7 | 18 59 59 | 15°10'23 | 12♏50 | 0♋48 | 6°11 | 28°23 | 22°20 | 16°43 | 27°35 | 18°23 | 18°45 | 6°56 | 7° 8 | 9°27 | 21° 3 | T 7 |
| W 8 | 19 3 56 | 16° 7'36 | 25°32 | 2°44 | 7°24 | 28° 6 | 22°28 | 16°50 | 27°38 | 18°23 | 18°46 | 6°51 | 7° 5 | 9°34 | 21° 0 | W 8 |
| T 9 | 19 7 52 | 17° 4'49 | 8♐ 1 | 4°42 | 8°37 | 27°50 | 22°37 | 16°57 | 27°40 | 18°24 | 18°48 | 6°43 | 7° 2 | 9°41 | 20°56 | T 9 |
| F 10 | 19 11 49 | 18° 2'01 | 20°19 | 6°43 | 9°50 | 27°35 | 22°45 | 17° 4 | 27°43 | 18°24 | 18°49 | 6°33 | 6°58 | 9°47 | 20°52 | F 10 |
| S 11 | 19 15 45 | 18°59'14 | 2♑30 | 8°46 | 11° 3 | 27°20 | 22°54 | 17°11 | 27°45 | 18°24 | 18°51 | 6°21 | 6°55 | 9°54 | 20°48 | S 11 |
| S 12 | 19 19 42 | 19°56'26 | 14°34 | 10°51 | 12°17 | 27° 6 | 23° 2 | 17°18 | 27°48 | 18°25 | 18°52 | 6° 8 | 6°52 | 10° 1 | 20°44 | S 12 |
| M13 | 19 23 38 | 20°53'38 | 26°31 | 12°57 | 13°30 | 26°52 | 23°11 | 17°25 | 27°50 | 18°25 | 18°54 | 5°55 | 6°49 | 10° 8 | 20°40 | M13 |
| T 14 | 19 27 35 | 21°50'50 | 8♒25 | 15° 4 | 14°43 | 26°39 | 23°20 | 17°32 | 27°53 | 18°26 | 18°56 | 5°43 | 6°46 | 10°14 | 20°36 | T 14 |
| W15 | 19 31 32 | 22°48'03 | 20°15 | 17°13 | 15°55 | 26°27 | 23°29 | 17°39 | 27°55 | 18°26 | 18°57 | 5°34 | 6°42 | 10°21 | 20°33 | W15 |
| T 16 | 19 35 28 | 23°45'15 | 2♓ 5 | 19°22 | 17° 8 | 26°16 | 23°38 | 17°46 | 27°57 | 18°27 | 18°59 | 5°27 | 6°39 | 10°28 | 20°29 | T 16 |
| F 17 | 19 39 25 | 24°42'28 | 13°57 | 21°32 | 18°21 | 26° 5 | 23°47 | 17°52 | 27°59 | 18°27 | 19° 1 | 5°22 | 6°36 | 10°34 | 20°25 | F 17 |
| S 18 | 19 43 21 | 25°39'41 | 25°55 | 23°42 | 19°34 | 25°55 | 23°56 | 17°59 | 28° 2 | 18°28 | 19° 2 | 5°20 | 6°33 | 10°41 | 20°21 | S 18 |
| S 19 | 19 47 18 | 26°36'54 | 8♈ 3 | 25°51 | 20°47 | 25°45 | 24° 6 | 18° 6 | 28° 4 | 18°28 | 19° 4 | 5°D20 | 6°30 | 10°48 | 20°17 | S 19 |
| M20 | 19 51 14 | 27°34'08 | 20°26 | 28° 1 | 22° 0 | 25°37 | 24°15 | 18°13 | 28° 6 | 18°29 | 19° 6 | 5°20 | 6°27 | 10°54 | 20°14 | M20 |
| T 21 | 19 55 11 | 28°31'23 | 3♉ 8 | 0♌ 9 | 23°13 | 25°29 | 24°25 | 18°19 | 28° 8 | 18°30 | 19° 7 | 5°R20 | 6°23 | 11° 1 | 20°10 | T 21 |
| W22 | 19 59 7 | 29°28'38 | 16°15 | 2°17 | 24°26 | 25°22 | 24°34 | 18°26 | 28°10 | 18°30 | 19° 9 | 5°19 | 6°20 | 11° 8 | 20° 6 | W22 |
| T 23 | 20 3 4 | 0♌25'53 | 29°49 | 4°24 | 25°39 | 25°16 | 24°44 | 18°32 | 28°12 | 18°31 | 19°11 | 5°16 | 6°17 | 11°15 | 20° 2 | T 23 |
| F 24 | 20 7 1 | 1°23'10 | 13♊53 | 6°29 | 26°51 | 25°11 | 24°54 | 18°39 | 28°14 | 18°32 | 19°12 | 5°10 | 6°14 | 11°21 | 19°58 | F 24 |
| S 25 | 20 10 57 | 2°20'27 | 28°25 | 8°33 | 28° 4 | 25° 6 | 25° 4 | 18°45 | 28°16 | 18°33 | 19°14 | 5° 3 | 6°11 | 11°28 | 19°55 | S 25 |
| S 26 | 20 14 54 | 3°17'44 | 13♋21 | 10°36 | 29°17 | 25° 3 | 25°14 | 18°51 | 28°18 | 18°34 | 19°16 | 4°54 | 6° 8 | 11°35 | 19°51 | S 26 |
| M27 | 20 18 50 | 4°15'02 | 28°33 | 12°37 | 0♍30 | 25° 0 | 25°24 | 18°58 | 28°20 | 18°34 | 19°18 | 4°45 | 6° 4 | 11°41 | 19°47 | M27 |
| T 28 | 20 22 47 | 5°12'21 | 13♌50 | 14°37 | 1°42 | 24°58 | 25°34 | 19° 4 | 28°22 | 18°35 | 19°19 | 4°37 | 6° 1 | 11°48 | 19°44 | T 28 |
| W29 | 20 26 43 | 6° 9'40 | 29° 1 | 16°35 | 2°55 | 24°57 | 25°45 | 19°10 | 28°23 | 18°36 | 19°21 | 4°31 | 5°58 | 11°55 | 19°40 | W29 |
| T 30 | 20 30 40 | 7° 6'59 | 13♍56 | 18°31 | 4° 8 | 24°D57 | 25°55 | 19°16 | 28°25 | 18°37 | 19°23 | 4°27 | 5°55 | 12° 1 | 19°37 | T 30 |
| F 31 | 20 34 36 | 8♌ 4'18 | 28♍30 | 20♌26 | 5♍20 | 24♐57 | 26♍ 5 | 19♊22 | 28♉27 | 18♎38 | 19♌25 | 4°D25 | 5♎52 | 12♒ 8 | 19♑33 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n 3 | 11n15 | 3s41 | 21n22 | 1s40 | 21n43 | 1n24 | 27s33 | 4s10 | 4n26 | 1n12 | 21n 5 | 1s34 | 19n15 | 0s16 | 5s45 | 1n33 | 21n40 | 6n48 | 2s49 | 2s57 | 13s46 | 14s 6 | 7n40 |
| T 2 | 22 58 | 7 13 | 2 41 | 21 40 | 1 28 | 21 28 | 1 25 | 27 35 | 4 12 | 4 23 | 1 12 | 21 6 | 1 34 | 19 16 | 0 16 | 5 45 | 1 33 | 21 40 | 6 48 | 2 47 | 2 56 | 13 45 | 14 6 | 7 40 |
| F 3 | 22 54 | 2 52 | 1 33 | 21 57 | 1 16 | 21 14 | 1 27 | 27 37 | 4 15 | 4 20 | 1 11 | 21 7 | 1 34 | 19 16 | 0 16 | 5 45 | 1 33 | 21 39 | 6 48 | 2 46 | 2 54 | 13 44 | 14 7 | 7 40 |
| S 4 | 22 49 | 1s33 | 0 21 | 22 14 | 1 4 | 20 58 | 1 28 | 27 39 | 4 17 | 4 17 | 1 11 | 21 8 | 1 34 | 19 17 | 0 16 | 5 45 | 1 33 | 21 39 | 6 48 | 2 46 | 2 53 | 13 42 | 14 7 | 7 41 |
| S 5 | 22 43 | 5 45 | 0n51 | 22 29 | 0 52 | 20 42 | 1 29 | 27 41 | 4 19 | 4 14 | 1 11 | 21 8 | 1 34 | 19 17 | 0 16 | 5 45 | 1 33 | 21 38 | 6 48 | 2 46 | 2 52 | 13 41 | 14 8 | 7 41 |
| M 6 | 22 37 | 9 34 | 1 58 | 22 43 | 0 40 | 20 26 | 1 30 | 27 43 | 4 21 | 4 10 | 1 11 | 21 9 | 1 34 | 19 18 | 0 16 | 5 45 | 1 33 | 21 38 | 6 48 | 2 46 | 2 51 | 13 40 | 14 8 | 7 41 |
| T 7 | 22 31 | 12 50 | 2 57 | 22 55 | 0 28 | 20 9 | 1 31 | 27 45 | 4 23 | 4 7 | 1 11 | 21 10 | 1 34 | 19 19 | 0 16 | 5 45 | 1 33 | 21 37 | 6 48 | 2 45 | 2 49 | 13 39 | 14 8 | 7 41 |
| W 8 | 22 24 | 15 25 | 3 47 | 23 5 | 0 16 | 19 51 | 1 32 | 27 46 | 4 24 | 4 4 | 1 11 | 21 10 | 1 34 | 19 19 | 0 16 | 5 45 | 1 33 | 21 37 | 6 48 | 2 43 | 2 48 | 13 37 | 14 9 | 7 41 |
| T 9 | 22 17 | 17 14 | 4 24 | 23 13 | 0 5 | 19 33 | 1 32 | 27 48 | 4 26 | 4 0 | 1 10 | 21 11 | 1 34 | 19 20 | 0 16 | 5 45 | 1 33 | 21 36 | 6 48 | 2 40 | 2 47 | 13 36 | 14 9 | 7 41 |
| F 10 | 22 10 | 18 13 | 4 49 | 23 19 | 0n 7 | 19 14 | 1 33 | 27 49 | 4 28 | 3 57 | 1 10 | 21 12 | 1 34 | 19 20 | 0 16 | 5 46 | 1 33 | 21 36 | 6 48 | 2 36 | 2 46 | 13 35 | 14 10 | 7 41 |
| S 11 | 22 2 | 18 21 | 5 0 | 23 23 | 0 18 | 18 55 | 1 34 | 27 50 | 4 29 | 3 53 | 1 10 | 21 12 | 1 34 | 19 21 | 0 16 | 5 46 | 1 33 | 21 35 | 6 48 | 2 31 | 2 44 | 13 33 | 14 10 | 7 41 |
| S 12 | 21 54 | 17 39 | 4 57 | 23 24 | 0 28 | 18 35 | 1 34 | 27 51 | 4 30 | 3 50 | 1 10 | 21 13 | 1 34 | 19 21 | 0 16 | 5 46 | 1 33 | 21 35 | 6 48 | 2 26 | 2 43 | 13 32 | 14 11 | 7 41 |
| M13 | 21 46 | 16 11 | 4 42 | 23 23 | 0 38 | 18 15 | 1 35 | 27 52 | 4 31 | 3 46 | 1 10 | 21 14 | 1 34 | 19 22 | 0 16 | 5 46 | 1 33 | 21 34 | 6 48 | 2 21 | 2 42 | 13 31 | 14 11 | 7 41 |
| T 14 | 21 37 | 14 2 | 4 14 | 23 19 | 0 48 | 17 54 | 1 35 | 27 52 | 4 32 | 3 43 | 1 10 | 21 14 | 1 34 | 19 22 | 0 16 | 5 46 | 1 33 | 21 33 | 6 48 | 2 16 | 2 41 | 13 30 | 14 12 | 7 41 |
| W15 | 21 27 | 11 18 | 3 35 | 23 13 | 0 57 | 17 33 | 1 36 | 27 53 | 4 33 | 3 39 | 1 10 | 21 15 | 1 34 | 19 23 | 0 16 | 5 47 | 1 33 | 21 33 | 6 48 | 2 12 | 2 39 | 13 28 | 14 12 | 7 41 |
| T 16 | 21 18 | 8 6 | 2 47 | 23 4 | 1 5 | 17 11 | 1 36 | 27 54 | 4 34 | 3 35 | 1 9 | 21 15 | 1 34 | 19 24 | 0 16 | 5 47 | 1 33 | 21 32 | 6 48 | 2 9 | 2 38 | 13 27 | 14 13 | 7 41 |
| F 17 | 21 8 | 4 35 | 1 51 | 22 52 | 1 13 | 16 49 | 1 36 | 27 54 | 4 35 | 3 31 | 1 9 | 21 16 | 1 34 | 19 24 | 0 16 | 5 47 | 1 33 | 21 32 | 6 48 | 2 8 | 2 37 | 13 26 | 14 14 | 7 41 |
| S 18 | 20 57 | 0 51 | 0 50 | 22 37 | 1 20 | 16 26 | 1 36 | 27 54 | 4 35 | 3 28 | 1 9 | 21 17 | 1 34 | 19 24 | 0 16 | 5 47 | 1 33 | 21 31 | 6 48 | 2 7 | 2 36 | 13 24 | 14 14 | 7 41 |
| S 19 | 20 47 | 2n58 | 0s14 | 22 20 | 1 26 | 16 3 | 1 36 | 27 54 | 4 36 | 3 24 | 1 9 | 21 17 | 1 34 | 19 25 | 0 16 | 5 48 | 1 33 | 21 31 | 6 48 | 2 7 | 2 34 | 13 23 | 14 15 | 7 41 |
| M20 | 20 36 | 6 44 | 1 20 | 22 0 | 1 31 | 15 40 | 1 37 | 27 55 | 4 36 | 3 20 | 1 9 | 21 18 | 1 34 | 19 25 | 0 16 | 5 48 | 1 33 | 21 30 | 6 48 | 2 7 | 2 33 | 13 22 | 14 15 | 7 41 |
| T 21 | 20 24 | 10 18 | 2 23 | 21 38 | 1 36 | 15 16 | 1 36 | 27 55 | 4 37 | 3 16 | 1 9 | 21 18 | 1 34 | 19 26 | 0 16 | 5 48 | 1 33 | 21 30 | 6 48 | 2 7 | 2 32 | 13 20 | 14 16 | 7 41 |
| W22 | 20 13 | 13 28 | 3 20 | 21 13 | 1 40 | 14 52 | 1 36 | 27 55 | 4 37 | 3 12 | 1 9 | 21 19 | 1 34 | 19 26 | 0 16 | 5 49 | 1 32 | 21 29 | 6 48 | 2 6 | 2 31 | 13 19 | 14 16 | 7 41 |
| T 23 | 20 0 | 16 1 | 4 8 | 20 47 | 1 43 | 14 27 | 1 36 | 27 55 | 4 37 | 3 8 | 1 8 | 21 19 | 1 34 | 19 27 | 0 16 | 5 49 | 1 32 | 21 29 | 6 48 | 2 5 | 2 29 | 13 18 | 14 17 | 7 41 |
| F 24 | 19 48 | 17 43 | 4 44 | 20 18 | 1 45 | 14 2 | 1 36 | 27 54 | 4 37 | 3 4 | 1 8 | 21 20 | 1 34 | 19 27 | 0 16 | 5 49 | 1 32 | 21 28 | 6 48 | 2 3 | 2 28 | 13 17 | 14 18 | 7 41 |
| S 25 | 19 35 | 18 20 | 5 2 | 19 48 | 1 47 | 13 37 | 1 35 | 27 54 | 4 37 | 3 0 | 1 8 | 21 20 | 1 34 | 19 28 | 0 16 | 5 50 | 1 32 | 21 28 | 6 48 | 2 0 | 2 27 | 13 15 | 14 18 | 7 41 |
| S 26 | 19 22 | 17 43 | 5 1 | 19 16 | 1 48 | 13 11 | 1 35 | 27 54 | 4 37 | 2 56 | 1 8 | 21 21 | 1 34 | 19 28 | 0 16 | 5 50 | 1 32 | 21 27 | 6 48 | 1 57 | 2 26 | 13 14 | 14 19 | 7 41 |
| M27 | 19 9 | 15 51 | 4 39 | 18 42 | 1 48 | 12 45 | 1 35 | 27 54 | 4 37 | 2 52 | 1 8 | 21 21 | 1 34 | 19 29 | 0 16 | 5 50 | 1 32 | 21 27 | 6 48 | 1 53 | 2 24 | 13 13 | 14 20 | 7 40 |
| T 28 | 18 55 | 12 51 | 3 56 | 18 7 | 1 47 | 12 18 | 1 34 | 27 53 | 4 36 | 2 48 | 1 8 | 21 22 | 1 34 | 19 29 | 0 16 | 5 51 | 1 32 | 21 26 | 6 48 | 1 50 | 2 23 | 13 11 | 14 20 | 7 40 |
| W29 | 18 41 | 9 1 | 2 58 | 17 31 | 1 46 | 11 52 | 1 33 | 27 53 | 4 36 | 2 43 | 1 8 | 21 22 | 1 35 | 19 29 | 0 16 | 5 51 | 1 32 | 21 25 | 6 48 | 1 47 | 2 22 | 13 10 | 14 21 | 7 40 |
| T 30 | 18 27 | 4 39 | 1 47 | 16 54 | 1 44 | 11 25 | 1 33 | 27 52 | 4 36 | 2 39 | 1 8 | 21 23 | 1 35 | 19 30 | 0 16 | 5 51 | 1 32 | 21 25 | 6 48 | 1 46 | 2 21 | 13 9 | 14 22 | 7 40 |
| F 31 | 18n12 | 0n 7 | 0s32 | 16n15 | 1n42 | 10n57 | 1n32 | 27s52 | 4s35 | 2n35 | 1n 8 | 21n23 | 1s35 | 19n30 | 0s16 | 5s52 | 1n32 | 21n24 | 6n48 | 1s45 | 2s19 | 13s 7 | 14s22 | 7n40 |

Julian Day Number = 2613528.5, Delta T = 10m50s
Ecliptic obliquity = 23°22'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'28, Lahiri = 30°03'28


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## AUGUST 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 38 33 | 9♌ 1'38 | 12♎37 | 22♌18 | 6♍33 | 24♐59 | 26♍16 | 19♊28 | 28♉28 | 18♎39 | 19♌26 | 4♎25 | 5♎48 | 12♒15 | 19°R30 | S 1 |
| S 2 | 20 42 30 | 9°58'58 | 26°18 | 24°10 | 7°45 | 25° 1 | 26°27 | 19°34 | 28°30 | 18°40 | 19°28 | 4°26 | 5°45 | 12°22 | 19♑26 | S 2 |
| M 3 | 20 46 26 | 10°56'19 | 9♏34 | 25°59 | 8°58 | 25° 4 | 26°37 | 19°40 | 28°32 | 18°41 | 19°30 | 4°R27 | 5°42 | 12°28 | 19°23 | M 3 |
| T 4 | 20 50 23 | 11°53'40 | 22°28 | 27°47 | 10°10 | 25° 8 | 26°48 | 19°46 | 28°33 | 18°42 | 19°32 | 4°26 | 5°39 | 12°35 | 19°19 | T 4 |
| W 5 | 20 54 19 | 12°51'02 | 5♐ 4 | 29°33 | 11°23 | 25°13 | 26°59 | 19°51 | 28°35 | 18°43 | 19°33 | 4°24 | 5°36 | 12°42 | 19°16 | W 5 |
| T 6 | 20 58 16 | 13°48'24 | 17°25 | 1♍17 | 12°35 | 25°19 | 27°10 | 19°57 | 28°36 | 18°45 | 19°35 | 4°19 | 5°33 | 12°48 | 19°13 | T 6 |
| F 7 | 21 2 12 | 14°45'46 | 29°35 | 2°59 | 13°48 | 25°25 | 27°21 | 20° 3 | 28°37 | 18°46 | 19°37 | 4°13 | 5°29 | 12°55 | 19° 9 | F 7 |
| S 8 | 21 6 9 | 15°43'09 | 11♑37 | 4°40 | 15° 0 | 25°33 | 27°32 | 20° 8 | 28°39 | 18°47 | 19°39 | 4° 5 | 5°26 | 13° 2 | 19° 6 | S 8 |
| S 9 | 21 10 5 | 16°40'33 | 23°33 | 6°19 | 16°13 | 25°41 | 27°43 | 20°14 | 28°40 | 18°48 | 19°41 | 3°56 | 5°23 | 13° 8 | 19° 3 | S 9 |
| M10 | 21 14 2 | 17°37'58 | 5♒26 | 7°57 | 17°25 | 25°50 | 27°54 | 20°19 | 28°41 | 18°49 | 19°42 | 3°47 | 5°20 | 13°15 | 19° 0 | M10 |
| T 11 | 21 17 59 | 18°35'23 | 17°17 | 9°33 | 18°37 | 25°59 | 28° 5 | 20°24 | 28°42 | 18°51 | 19°44 | 3°39 | 5°17 | 13°22 | 18°57 | T 11 |
| W12 | 21 21 55 | 19°32'49 | 29° 8 | 11° 7 | 19°49 | 26° 9 | 28°17 | 20°30 | 28°44 | 18°52 | 19°46 | 3°33 | 5°14 | 13°28 | 18°54 | W12 |
| T 13 | 21 25 52 | 20°30'17 | 11♓ 1 | 12°39 | 21° 2 | 26°21 | 28°28 | 20°35 | 28°45 | 18°53 | 19°48 | 3°29 | 5°10 | 13°35 | 18°51 | T 13 |
| F 14 | 21 29 48 | 21°27'45 | 22°58 | 14°10 | 22°14 | 26°32 | 28°39 | 20°40 | 28°46 | 18°55 | 19°50 | 3°26 | 5° 7 | 13°42 | 18°48 | F 14 |
| S 15 | 21 33 45 | 22°25'14 | 5♈ 1 | 15°39 | 23°26 | 26°45 | 28°51 | 20°45 | 28°47 | 18°56 | 19°51 | 3°D26 | 5° 4 | 13°49 | 18°45 | S 15 |
| S 16 | 21 37 41 | 23°22'45 | 17°15 | 17° 6 | 24°38 | 26°58 | 29° 3 | 20°50 | 28°48 | 18°58 | 19°53 | 3°26 | 5° 1 | 13°55 | 18°42 | S 16 |
| M17 | 21 41 38 | 24°20'17 | 29°41 | 18°32 | 25°50 | 27°12 | 29°14 | 20°55 | 28°49 | 18°59 | 19°55 | 3°28 | 4°58 | 14° 2 | 18°39 | M17 |
| T 18 | 21 45 34 | 25°17'50 | 12♉25 | 19°56 | 27° 2 | 27°26 | 29°26 | 20°59 | 28°49 | 19° 0 | 19°57 | 3°29 | 4°54 | 14° 9 | 18°37 | T 18 |
| W19 | 21 49 31 | 26°15'24 | 25°30 | 21°18 | 28°14 | 27°42 | 29°38 | 21° 4 | 28°50 | 19° 2 | 19°59 | 3°R30 | 4°51 | 14°15 | 18°34 | W19 |
| T 20 | 21 53 27 | 27°13'01 | 8♊59 | 22°38 | 29°26 | 27°57 | 29°49 | 21° 9 | 28°51 | 19° 3 | 20° 0 | 3°29 | 4°48 | 14°22 | 18°31 | T 20 |
| F 21 | 21 57 24 | 28°10'38 | 22°54 | 23°57 | 0♎38 | 28°14 | 0♎ 1 | 21°13 | 28°52 | 19° 5 | 20° 2 | 3°27 | 4°45 | 14°29 | 18°29 | F 21 |
| S 22 | 22 1 21 | 29° 8'17 | 7♋16 | 25°13 | 1°50 | 28°31 | 0°13 | 21°18 | 28°52 | 19° 7 | 20° 4 | 3°24 | 4°42 | 14°35 | 18°26 | S 22 |
| S 23 | 22 5 17 | 0♍ 5'58 | 22° 0 | 26°28 | 3° 2 | 28°49 | 0°25 | 21°22 | 28°53 | 19° 8 | 20° 6 | 3°19 | 4°39 | 14°42 | 18°24 | S 23 |
| M24 | 22 9 14 | 1° 3'40 | 7♌ 2 | 27°40 | 4°14 | 29° 7 | 0°37 | 21°26 | 28°53 | 19°10 | 20° 8 | 3°15 | 4°35 | 14°49 | 18°22 | M24 |
| T 25 | 22 13 10 | 2° 1'23 | 22°13 | 28°51 | 5°26 | 29°26 | 0°49 | 21°31 | 28°54 | 19°11 | 20° 9 | 3°11 | 4°32 | 14°55 | 18°19 | T 25 |
| W26 | 22 17 7 | 2°59'08 | 7♍22 | 29°59 | 6°37 | 29°46 | 1° 1 | 21°35 | 28°54 | 19°13 | 20°11 | 3° 8 | 4°29 | 15° 2 | 18°17 | W26 |
| T 27 | 22 21 3 | 3°56'54 | 22°21 | 1♎ 5 | 7°49 | 0♑ 6 | 1°13 | 21°39 | 28°55 | 19°15 | 20°13 | 3° 6 | 4°26 | 15° 9 | 18°15 | T 27 |
| F 28 | 22 25 0 | 4°54'41 | 7♎ 1 | 2° 9 | 9° 1 | 0°27 | 1°25 | 21°43 | 28°55 | 19°16 | 20°15 | 3°D 5 | 4°23 | 15°16 | 18°13 | F 28 |
| S 29 | 22 28 56 | 5°52'29 | 21°17 | 3°10 | 10°13 | 0°48 | 1°38 | 21°47 | 28°56 | 19°18 | 20°16 | 3° 6 | 4°19 | 15°22 | 18°11 | S 29 |
| S 30 | 22 32 53 | 6°50'19 | 5♏ 7 | 4° 9 | 11°24 | 1°10 | 1°50 | 21°50 | 28°56 | 19°20 | 20°18 | 3° 8 | 4°16 | 15°29 | 18° 9 | S 30 |
| M31 | 22 36 50 | 7♍48'09 | 18♏29 | 5♎ 5 | 12♎36 | 1♑33 | 2♎ 2 | 21♊54 | 28♉56 | 19♎22 | 20♌20 | 3♎ 9 | 4♎13 | 15♒36 | 18♑ 7 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n57 | 4s18 | 0n44 | 15n36 | 1n39 | 10n30 | 1n31 | 27s51 | 4s34 | 2n31 | 1n 7 | 21n23 | 1s35 | 19n30 | 0s16 | 5s52 | 1n32 | 21n24 | 6n48 | 1s45 | 2s18 | 13s 6 | 14s23 | 7n40 |
| S 2 | 17 42 | 8 21 | 1 55 | 14 56 | 1 36 | 10 2 | 1 30 | 27 51 | 4 34 | 2 26 | 1 7 | 21 24 | 1 35 | 19 31 | 0 16 | 5 53 | 1 32 | 21 23 | 6 48 | 1 46 | 2 17 | 13 5 | 14 24 | 7 39 |
| M 3 | 17 27 | 11 50 | 2 57 | 14 16 | 1 32 | 9 34 | 1 29 | 27 50 | 4 33 | 2 22 | 1 7 | 21 24 | 1 35 | 19 31 | 0 16 | 5 53 | 1 32 | 21 23 | 6 48 | 1 46 | 2 16 | 13 3 | 14 24 | 7 39 |
| T 4 | 17 11 | 14 39 | 3 49 | 13 35 | 1 27 | 9 5 | 1 28 | 27 50 | 4 32 | 2 18 | 1 7 | 21 25 | 1 35 | 19 31 | 0 16 | 5 54 | 1 32 | 21 22 | 6 48 | 1 46 | 2 14 | 13 2 | 14 25 | 7 39 |
| W 5 | 16 55 | 16 41 | 4 28 | 12 53 | 1 22 | 8 37 | 1 27 | 27 49 | 4 32 | 2 13 | 1 7 | 21 25 | 1 35 | 19 32 | 0 16 | 5 54 | 1 32 | 21 22 | 6 48 | 1 45 | 2 13 | 13 1 | 14 26 | 7 39 |
| T 6 | 16 38 | 17 54 | 4 54 | 12 11 | 1 17 | 8 8 | 1 25 | 27 48 | 4 31 | 2 9 | 1 7 | 21 25 | 1 35 | 19 32 | 0 16 | 5 55 | 1 32 | 21 21 | 6 48 | 1 43 | 2 12 | 12 59 | 14 26 | 7 38 |
| F 7 | 16 22 | 18 17 | 5 6 | 11 29 | 1 11 | 7 39 | 1 24 | 27 48 | 4 30 | 2 4 | 1 7 | 21 26 | 1 35 | 19 32 | 0 16 | 5 55 | 1 32 | 21 21 | 6 48 | 1 40 | 2 11 | 12 58 | 14 27 | 7 38 |
| S 8 | 16 5 | 17 49 | 5 4 | 10 47 | 1 5 | 7 10 | 1 23 | 27 47 | 4 29 | 2 0 | 1 7 | 21 26 | 1 35 | 19 33 | 0 16 | 5 55 | 1 32 | 21 20 | 6 48 | 1 37 | 2 9 | 12 57 | 14 28 | 7 38 |
| S 9 | 15 48 | 16 34 | 4 50 | 10 4 | 0 58 | 6 40 | 1 21 | 27 46 | 4 28 | 1 56 | 1 7 | 21 26 | 1 35 | 19 33 | 0 16 | 5 56 | 1 32 | 21 20 | 6 48 | 1 34 | 2 8 | 12 55 | 14 29 | 7 38 |
| M10 | 15 31 | 14 37 | 4 22 | 9 22 | 0 51 | 6 11 | 1 20 | 27 45 | 4 27 | 1 51 | 1 7 | 21 27 | 1 35 | 19 33 | 0 16 | 5 57 | 1 32 | 21 19 | 6 48 | 1 30 | 2 7 | 12 54 | 14 29 | 7 37 |
| T 11 | 15 13 | 12 4 | 3 43 | 8 39 | 0 44 | 5 41 | 1 18 | 27 45 | 4 26 | 1 46 | 1 6 | 21 27 | 1 35 | 19 33 | 0 16 | 5 57 | 1 32 | 21 19 | 6 48 | 1 27 | 2 6 | 12 53 | 14 30 | 7 37 |
| W12 | 14 55 | 9 1 | 2 55 | 7 57 | 0 36 | 5 11 | 1 16 | 27 44 | 4 25 | 1 42 | 1 6 | 21 27 | 1 35 | 19 34 | 0 16 | 5 58 | 1 32 | 21 18 | 6 48 | 1 25 | 2 4 | 12 51 | 14 31 | 7 37 |
| T 13 | 14 37 | 5 35 | 1 59 | 7 14 | 0 29 | 4 41 | 1 14 | 27 43 | 4 23 | 1 37 | 1 6 | 21 27 | 1 35 | 19 34 | 0 16 | 5 58 | 1 32 | 21 18 | 6 48 | 1 23 | 2 3 | 12 50 | 14 31 | 7 36 |
| F 14 | 14 19 | 1 55 | 0 57 | 6 32 | 0 21 | 4 11 | 1 13 | 27 42 | 4 22 | 1 33 | 1 6 | 21 28 | 1 36 | 19 34 | 0 16 | 5 59 | 1 32 | 21 17 | 6 48 | 1 22 | 2 2 | 12 49 | 14 32 | 7 36 |
| S 15 | 14 0 | 1n51 | 0s 9 | 5 50 | 0 12 | 3 41 | 1 11 | 27 41 | 4 21 | 1 28 | 1 6 | 21 28 | 1 36 | 19 34 | 0 16 | 5 59 | 1 31 | 21 17 | 6 49 | 1 22 | 2 0 | 12 47 | 14 33 | 7 36 |
| S 16 | 13 42 | 5 36 | 1 14 | 5 8 | 0 4 | 3 11 | 1 9 | 27 40 | 4 20 | 1 23 | 1 6 | 21 28 | 1 36 | 19 35 | 0 16 | 6 0 | 1 31 | 21 16 | 6 49 | 1 22 | 1 59 | 12 46 | 14 34 | 7 35 |
| M17 | 13 23 | 9 11 | 2 18 | 4 27 | 0s 5 | 2 40 | 1 7 | 27 39 | 4 18 | 1 19 | 1 6 | 21 29 | 1 36 | 19 35 | 0 16 | 6 0 | 1 31 | 21 16 | 6 49 | 1 22 | 1 58 | 12 45 | 14 34 | 7 35 |
| T 18 | 13 3 | 12 24 | 3 16 | 3 46 | 0 14 | 2 10 | 1 4 | 27 38 | 4 17 | 1 14 | 1 6 | 21 29 | 1 36 | 19 35 | 0 16 | 6 1 | 1 31 | 21 15 | 6 49 | 1 23 | 1 57 | 12 43 | 14 35 | 7 34 |
| W19 | 12 44 | 15 6 | 4 6 | 3 5 | 0 23 | 1 39 | 1 2 | 27 37 | 4 16 | 1 9 | 1 6 | 21 29 | 1 36 | 19 35 | 0 16 | 6 2 | 1 31 | 21 15 | 6 49 | 1 23 | 1 55 | 12 42 | 14 36 | 7 34 |
| T 20 | 12 24 | 17 4 | 4 44 | 2 25 | 0 33 | 1 8 | 1 0 | 27 36 | 4 14 | 1 5 | 1 6 | 21 29 | 1 36 | 19 35 | 0 16 | 6 2 | 1 31 | 21 14 | 6 49 | 1 23 | 1 54 | 12 41 | 14 37 | 7 34 |
| F 21 | 12 5 | 18 5 | 5 7 | 1 45 | 0 42 | 0 38 | 0 58 | 27 35 | 4 13 | 1 0 | 1 6 | 21 29 | 1 36 | 19 35 | 0 16 | 6 3 | 1 31 | 21 14 | 6 49 | 1 22 | 1 53 | 12 39 | 14 37 | 7 33 |
| S 22 | 11 45 | 18 0 | 5 11 | 1 6 | 0 52 | 0 7 | 0 55 | 27 34 | 4 12 | 0 55 | 1 6 | 21 30 | 1 36 | 19 36 | 0 16 | 6 3 | 1 31 | 21 13 | 6 49 | 1 21 | 1 52 | 12 38 | 14 38 | 7 33 |
| S 23 | 11 25 | 16 43 | 4 56 | 0 28 | 1 2 | 0s24 | 0 53 | 27 33 | 4 10 | 0 50 | 1 6 | 21 30 | 1 36 | 19 36 | 0 16 | 6 4 | 1 31 | 21 13 | 6 49 | 1 19 | 1 50 | 12 36 | 14 39 | 7 32 |
| M24 | 11 4 | 14 16 | 4 20 | 0s10 | 1 11 | 0 55 | 0 50 | 27 31 | 4 9 | 0 45 | 1 5 | 21 30 | 1 36 | 19 36 | 0 16 | 6 5 | 1 31 | 21 12 | 6 49 | 1 17 | 1 49 | 12 35 | 14 39 | 7 32 |
| T 25 | 10 44 | 10 50 | 3 25 | 0 47 | 1 21 | 1 25 | 0 48 | 27 30 | 4 7 | 0 41 | 1 5 | 21 30 | 1 36 | 19 36 | 0 16 | 6 5 | 1 31 | 21 12 | 6 49 | 1 16 | 1 48 | 12 34 | 14 40 | 7 32 |
| W26 | 10 23 | 6 40 | 2 16 | 1 24 | 1 31 | 1 56 | 0 45 | 27 29 | 4 6 | 0 36 | 1 5 | 21 30 | 1 37 | 19 36 | 0 16 | 6 6 | 1 31 | 21 11 | 6 50 | 1 14 | 1 47 | 12 32 | 14 41 | 7 31 |
| T 27 | 10 2 | 2 8 | 0 59 | 1 59 | 1 41 | 2 27 | 0 42 | 27 27 | 4 4 | 0 31 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 7 | 1 31 | 21 11 | 6 50 | 1 14 | 1 45 | 12 31 | 14 42 | 7 31 |
| F 28 | 9 41 | 2s27 | 0n22 | 2 33 | 1 51 | 2 58 | 0 39 | 27 25 | 4 3 | 0 26 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 7 | 1 31 | 21 10 | 6 50 | 1 14 | 1 44 | 12 30 | 14 42 | 7 30 |
| S 29 | 9 20 | 6 46 | 1 38 | 3 7 | 2 1 | 3 28 | 0 37 | 27 24 | 4 1 | 0 21 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 8 | 1 31 | 21 10 | 6 50 | 1 14 | 1 43 | 12 28 | 14 43 | 7 30 |
| S 30 | 8 59 | 10 34 | 2 47 | 3 39 | 2 11 | 3 59 | 0 34 | 27 22 | 4 0 | 0 16 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 9 | 1 31 | 21 9 | 6 50 | 1 14 | 1 42 | 12 27 | 14 44 | 7 29 |
| M31 | 8n37 | 13s41 | 3n44 | 4s10 | 2s21 | 4s29 | 0n31 | 27s20 | 3s58 | 0n11 | 1n 5 | 21n31 | 1s37 | 19n36 | 0s16 | 6s 9 | 1n31 | 21n 9 | 6n50 | 1s15 | 1s40 | 12s25 | 14s44 | 7n29 |

Julian Day Number = 2613559.5, Delta T = 10m50s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'32, Lahiri = 30°03'33


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## SEPTEMBER 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 40 46 | 8♍46'01 | 1♐28 | 5♎58 | 13♎47 | 1♑55 | 2♎15 | 21♊58 | 28♉56 | 19♎23 | 20♌21 | 3♎10 | 4♎10 | 15♒42 | 18°R 5 | T 1 |
| W 2 | 22 44 43 | 9°43'54 | 14° 5 | 6°47 | 14°59 | 2°19 | 2°27 | 22° 1 | 28°56 | 19°25 | 20°23 | 3°R10 | 4° 7 | 15°49 | 18♑ 4 | W 2 |
| T 3 | 22 48 39 | 10°41'48 | 26°25 | 7°34 | 16°10 | 2°43 | 2°39 | 22° 5 | 28°56 | 19°27 | 20°25 | 3° 9 | 4° 4 | 15°56 | 18° 2 | T 3 |
| F 4 | 22 52 36 | 11°39'44 | 8♑32 | 8°17 | 17°22 | 3° 7 | 2°52 | 22° 8 | 28°R56 | 19°29 | 20°27 | 3° 7 | 4° 0 | 16° 2 | 18° 1 | F 4 |
| S 5 | 22 56 32 | 12°37'41 | 20°29 | 8°57 | 18°33 | 3°32 | 3° 4 | 22°11 | 28°56 | 19°31 | 20°28 | 3° 5 | 3°57 | 16° 9 | 17°59 | S 5 |
| S 6 | 23 0 29 | 13°35'39 | 2♒22 | 9°32 | 19°44 | 3°58 | 3°17 | 22°14 | 28°56 | 19°33 | 20°30 | 3° 2 | 3°54 | 16°16 | 17°58 | S 6 |
| M 7 | 23 4 25 | 14°33'39 | 14°13 | 10° 4 | 20°55 | 4°24 | 3°29 | 22°17 | 28°56 | 19°34 | 20°32 | 2°59 | 3°51 | 16°22 | 17°56 | M 7 |
| T 8 | 23 8 22 | 15°31'39 | 26° 4 | 10°31 | 22° 7 | 4°50 | 3°42 | 22°20 | 28°56 | 19°36 | 20°33 | 2°56 | 3°48 | 16°29 | 17°55 | T 8 |
| W 9 | 23 12 19 | 16°29'42 | 7♓59 | 10°53 | 23°18 | 5°17 | 3°55 | 22°23 | 28°56 | 19°38 | 20°35 | 2°54 | 3°45 | 16°36 | 17°54 | W 9 |
| T 10 | 23 16 15 | 17°27'46 | 19°58 | 11°10 | 24°29 | 5°44 | 4° 7 | 22°26 | 28°55 | 19°40 | 20°37 | 2°53 | 3°41 | 16°42 | 17°53 | T 10 |
| F 11 | 23 20 12 | 18°25'52 | 2♈ 5 | 11°22 | 25°40 | 6°11 | 4°20 | 22°28 | 28°55 | 19°42 | 20°38 | 2°D52 | 3°38 | 16°49 | 17°52 | F 11 |
| S 12 | 23 24 8 | 19°23'59 | 14°20 | 11°29 | 26°51 | 6°39 | 4°33 | 22°31 | 28°55 | 19°44 | 20°40 | 2°53 | 3°35 | 16°56 | 17°51 | S 12 |
| S 13 | 23 28 5 | 20°22'08 | 26°46 | 11°R29 | 28° 2 | 7° 8 | 4°45 | 22°33 | 28°54 | 19°46 | 20°41 | 2°53 | 3°32 | 17° 3 | 17°50 | S 13 |
| M14 | 23 32 1 | 21°20'19 | 9♉25 | 11°24 | 29°13 | 7°37 | 4°58 | 22°36 | 28°54 | 19°48 | 20°43 | 2°54 | 3°29 | 17° 9 | 17°49 | M14 |
| T 15 | 23 35 58 | 22°18'32 | 22°18 | 11°12 | 0♏23 | 8° 6 | 5°11 | 22°38 | 28°53 | 19°50 | 20°45 | 2°55 | 3°25 | 17°16 | 17°49 | T 15 |
| W16 | 23 39 54 | 23°16'47 | 5♊29 | 10°54 | 1°34 | 8°35 | 5°24 | 22°40 | 28°53 | 19°52 | 20°46 | 2°56 | 3°22 | 17°23 | 17°48 | W16 |
| T 17 | 23 43 51 | 24°15'04 | 18°58 | 10°29 | 2°45 | 9° 5 | 5°36 | 22°42 | 28°52 | 19°54 | 20°48 | 2°R57 | 3°19 | 17°29 | 17°47 | T 17 |
| F 18 | 23 47 48 | 25°13'24 | 2♋46 | 9°57 | 3°55 | 9°35 | 5°49 | 22°44 | 28°51 | 19°56 | 20°49 | 2°57 | 3°16 | 17°36 | 17°47 | F 18 |
| S 19 | 23 51 44 | 26°11'45 | 16°55 | 9°20 | 5° 6 | 10° 6 | 6° 2 | 22°46 | 28°50 | 19°58 | 20°51 | 2°56 | 3°13 | 17°43 | 17°47 | S 19 |
| S 20 | 23 55 41 | 27°10'08 | 1♌22 | 8°36 | 6°17 | 10°37 | 6°15 | 22°47 | 28°50 | 20° 0 | 20°52 | 2°56 | 3°10 | 17°49 | 17°46 | S 20 |
| M21 | 23 59 37 | 28° 8'34 | 16° 3 | 7°46 | 7°27 | 11° 8 | 6°28 | 22°49 | 28°49 | 20° 2 | 20°54 | 2°55 | 3° 6 | 17°56 | 17°46 | M21 |
| T 22 | 0 3 34 | 29° 7'01 | 0♍54 | 6°52 | 8°38 | 11°40 | 6°41 | 22°51 | 28°48 | 20° 5 | 20°55 | 2°55 | 3° 3 | 18° 3 | 17°46 | T 22 |
| W23 | 0 7 30 | 0♎ 5'31 | 15°47 | 5°54 | 9°48 | 12°12 | 6°54 | 22°52 | 28°47 | 20° 7 | 20°57 | 2°54 | 3° 0 | 18° 9 | 17°D46 | W23 |
| T 24 | 0 11 27 | 1° 4'02 | 0♎34 | 4°52 | 10°58 | 12°44 | 7° 6 | 22°53 | 28°46 | 20° 9 | 20°58 | 2°D54 | 2°57 | 18°16 | 17°46 | T 24 |
| F 25 | 0 15 23 | 2° 2'35 | 15° 9 | 3°49 | 12° 8 | 13°17 | 7°19 | 22°54 | 28°45 | 20°11 | 21° 0 | 2°54 | 2°54 | 18°23 | 17°46 | F 25 |
| S 26 | 0 19 20 | 3° 1'10 | 29°24 | 2°46 | 13°19 | 13°50 | 7°32 | 22°55 | 28°44 | 20°13 | 21° 1 | 2°R54 | 2°51 | 18°29 | 17°46 | S 26 |
| S 27 | 0 23 16 | 3°59'47 | 13♏17 | 1°44 | 14°29 | 14°23 | 7°45 | 22°56 | 28°43 | 20°15 | 21° 3 | 2°54 | 2°47 | 18°36 | 17°47 | S 27 |
| M28 | 0 27 13 | 4°58'26 | 26°44 | 0°44 | 15°39 | 14°56 | 7°58 | 22°57 | 28°42 | 20°17 | 21° 4 | 2°54 | 2°44 | 18°43 | 17°47 | M28 |
| T 29 | 0 31 10 | 5°57'06 | 9♐47 | 29♍49 | 16°49 | 15°30 | 8°11 | 22°58 | 28°41 | 20°20 | 21° 5 | 2°54 | 2°41 | 18°49 | 17°48 | T 29 |
| W30 | 0 35 6 | 6♎55'48 | 22♐28 | 29♍ 0 | 17♏59 | 16♑ 4 | 8♎24 | 22♊59 | 28♉39 | 20♎22 | 21♌ 7 | 2♎54 | 2♎38 | 18♒56 | 17♑48 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n16 | 16s 1 | 4n28 | 4s40 | 2s31 | 5s 0 | 0n28 | 27s18 | 3s57 | 0n 6 | 1n 5 | 21n31 | 1s37 | 19n36 | 0s16 | 6s10 | 1n31 | 21n 8 | 6n50 | 1s15 | 1s39 | 12s24 | 14s45 | 7n28 |
| W 2 | 7 54 | 17 30 | 4 58 | 5 9 | 2 41 | 5 30 | 0 25 | 27 16 | 3 55 | 0 1 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 11 | 1 31 | 21 8 | 6 50 | 1 15 | 1 38 | 12 23 | 14 46 | 7 28 |
| T 3 | 7 32 | 18 7 | 5 13 | 5 36 | 2 50 | 6 1 | 0 22 | 27 14 | 3 53 | 0s 4 | 1 5 | 21 31 | 1 37 | 19 36 | 0 16 | 6 11 | 1 31 | 21 8 | 6 51 | 1 15 | 1 37 | 12 21 | 14 47 | 7 27 |
| F 4 | 7 10 | 17 53 | 5 13 | 6 2 | 3 0 | 6 31 | 0 19 | 27 12 | 3 52 | 0 9 | 1 5 | 21 32 | 1 37 | 19 36 | 0 16 | 6 12 | 1 31 | 21 7 | 6 51 | 1 14 | 1 35 | 12 20 | 14 47 | 7 27 |
| S 5 | 6 48 | 16 52 | 5 1 | 6 26 | 3 9 | 7 1 | 0 15 | 27 10 | 3 50 | 0 14 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 13 | 1 31 | 21 7 | 6 51 | 1 13 | 1 34 | 12 19 | 14 48 | 7 26 |
| S 6 | 6 26 | 15 7 | 4 35 | 6 48 | 3 18 | 7 31 | 0 12 | 27 8 | 3 48 | 0 19 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 14 | 1 31 | 21 6 | 6 51 | 1 12 | 1 33 | 12 17 | 14 49 | 7 26 |
| M 7 | 6 4 | 12 44 | 3 57 | 7 8 | 3 26 | 8 1 | 0 9 | 27 5 | 3 47 | 0 24 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 14 | 1 31 | 21 6 | 6 51 | 1 11 | 1 32 | 12 16 | 14 49 | 7 25 |
| T 8 | 5 41 | 9 49 | 3 10 | 7 26 | 3 34 | 8 30 | 0 6 | 27 3 | 3 45 | 0 29 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 15 | 1 31 | 21 6 | 6 51 | 1 10 | 1 30 | 12 14 | 14 50 | 7 25 |
| W 9 | 5 19 | 6 30 | 2 13 | 7 42 | 3 42 | 9 0 | 0 2 | 27 0 | 3 44 | 0 34 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 16 | 1 31 | 21 5 | 6 51 | 1 9 | 1 29 | 12 13 | 14 51 | 7 24 |
| T 10 | 4 56 | 2 53 | 1 11 | 7 55 | 3 49 | 9 29 | 0s 1 | 26 57 | 3 42 | 0 39 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 17 | 1 31 | 21 5 | 6 52 | 1 9 | 1 28 | 12 12 | 14 51 | 7 24 |
| F 11 | 4 34 | 0n53 | 0 4 | 8 6 | 3 56 | 9 58 | 0 5 | 26 54 | 3 40 | 0 44 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 17 | 1 31 | 21 4 | 6 52 | 1 8 | 1 27 | 12 10 | 14 52 | 7 23 |
| S 12 | 4 11 | 4 40 | 1s 3 | 8 14 | 4 1 | 10 27 | 0 8 | 26 51 | 3 39 | 0 49 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 18 | 1 31 | 21 4 | 6 52 | 1 8 | 1 25 | 12 9 | 14 53 | 7 23 |
| S 13 | 3 48 | 8 18 | 2 9 | 8 18 | 4 6 | 10 56 | 0 12 | 26 48 | 3 37 | 0 54 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 19 | 1 31 | 21 4 | 6 52 | 1 9 | 1 24 | 12 7 | 14 53 | 7 22 |
| M14 | 3 26 | 11 36 | 3 9 | 8 20 | 4 10 | 11 24 | 0 15 | 26 45 | 3 35 | 0 59 | 1 5 | 21 32 | 1 38 | 19 36 | 0 16 | 6 20 | 1 31 | 21 3 | 6 52 | 1 9 | 1 23 | 12 6 | 14 54 | 7 21 |
| T 15 | 3 3 | 14 25 | 4 1 | 8 18 | 4 13 | 11 52 | 0 19 | 26 41 | 3 34 | 1 4 | 1 4 | 21 32 | 1 39 | 19 36 | 0 16 | 6 20 | 1 31 | 21 3 | 6 52 | 1 10 | 1 21 | 12 5 | 14 55 | 7 21 |
| W16 | 2 40 | 16 32 | 4 42 | 8 12 | 4 14 | 12 20 | 0 22 | 26 38 | 3 32 | 1 9 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 21 | 1 31 | 21 2 | 6 53 | 1 10 | 1 20 | 12 3 | 14 55 | 7 20 |
| T 17 | 2 17 | 17 48 | 5 8 | 8 3 | 4 15 | 12 48 | 0 26 | 26 34 | 3 30 | 1 14 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 22 | 1 31 | 21 2 | 6 53 | 1 10 | 1 19 | 12 2 | 14 56 | 7 20 |
| F 18 | 1 54 | 18 4 | 5 17 | 7 49 | 4 13 | 13 16 | 0 30 | 26 30 | 3 29 | 1 19 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 23 | 1 31 | 21 2 | 6 53 | 1 10 | 1 18 | 12 0 | 14 56 | 7 19 |
| S 19 | 1 31 | 17 13 | 5 8 | 7 32 | 4 11 | 13 43 | 0 33 | 26 26 | 3 27 | 1 24 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 23 | 1 31 | 21 1 | 6 53 | 1 10 | 1 16 | 11 59 | 14 57 | 7 19 |
| S 20 | 1 7 | 15 16 | 4 39 | 7 10 | 4 6 | 14 10 | 0 37 | 26 22 | 3 25 | 1 29 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 24 | 1 31 | 21 1 | 6 53 | 1 10 | 1 15 | 11 58 | 14 58 | 7 18 |
| M21 | 0 44 | 12 17 | 3 52 | 6 45 | 4 0 | 14 36 | 0 41 | 26 18 | 3 23 | 1 34 | 1 4 | 21 32 | 1 39 | 19 35 | 0 16 | 6 25 | 1 31 | 21 1 | 6 53 | 1 9 | 1 14 | 11 56 | 14 58 | 7 18 |
| T 22 | 0 21 | 8 30 | 2 49 | 6 16 | 3 51 | 15 3 | 0 44 | 26 13 | 3 22 | 1 39 | 1 4 | 21 32 | 1 39 | 19 34 | 0 16 | 6 26 | 1 30 | 21 1 | 6 54 | 1 9 | 1 13 | 11 55 | 14 59 | 7 17 |
| W23 | 0s 2 | 4 9 | 1 34 | 5 43 | 3 41 | 15 29 | 0 48 | 26 8 | 3 20 | 1 45 | 1 4 | 21 32 | 1 39 | 19 34 | 0 16 | 6 27 | 1 30 | 21 0 | 6 54 | 1 9 | 1 11 | 11 53 | 14 59 | 7 16 |
| T 24 | 0 25 | 0s25 | 0 13 | 5 8 | 3 29 | 15 54 | 0 52 | 26 4 | 3 18 | 1 50 | 1 4 | 21 32 | 1 40 | 19 34 | 0 16 | 6 27 | 1 30 | 21 0 | 6 54 | 1 9 | 1 10 | 11 52 | 15 0 | 7 16 |
| F 25 | 0 49 | 4 55 | 1n 7 | 4 30 | 3 15 | 16 19 | 0 56 | 25 59 | 3 17 | 1 55 | 1 4 | 21 32 | 1 40 | 19 34 | 0 16 | 6 28 | 1 30 | 21 0 | 6 54 | 1 9 | 1 9 | 11 51 | 15 1 | 7 15 |
| S 26 | 1 12 | 9 1 | 2 22 | 3 50 | 2 59 | 16 44 | 0 59 | 25 54 | 3 15 | 2 0 | 1 4 | 21 32 | 1 40 | 19 34 | 0 16 | 6 29 | 1 30 | 20 59 | 6 54 | 1 9 | 1 8 | 11 49 | 15 1 | 7 15 |
| S 27 | 1 35 | 12 30 | 3 26 | 3 10 | 2 42 | 17 9 | 1 3 | 25 48 | 3 13 | 2 5 | 1 4 | 21 32 | 1 40 | 19 33 | 0 16 | 6 30 | 1 30 | 20 59 | 6 55 | 1 9 | 1 6 | 11 48 | 15 2 | 7 14 |
| M28 | 1 58 | 15 13 | 4 17 | 2 29 | 2 24 | 17 33 | 1 7 | 25 43 | 3 11 | 2 10 | 1 4 | 21 32 | 1 40 | 19 33 | 0 16 | 6 31 | 1 30 | 20 59 | 6 55 | 1 9 | 1 5 | 11 46 | 15 2 | 7 13 |
| T 29 | 2 21 | 17 3 | 4 52 | 1 50 | 2 4 | 17 57 | 1 11 | 25 37 | 3 10 | 2 15 | 1 4 | 21 32 | 1 40 | 19 33 | 0 16 | 6 32 | 1 30 | 20 59 | 6 55 | 1 9 | 1 4 | 11 45 | 15 3 | 7 13 |
| W30 | 2s45 | 17s58 | 5n12 | 1s12 | 1s45 | 18s20 | 1s14 | 25s31 | 3s 8 | 2s20 | 1n 4 | 21n32 | 1s40 | 19n33 | 0s16 | 6s32 | 1n30 | 20n58 | 6n55 | 1s 9 | 1s 3 | 11s43 | 15s 3 | 7n12 |

Julian Day Number = 2613590.5, Delta T = 10m50s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'36, Lahiri = 30°03'37


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## OCTOBER 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 39 3 | 7♎54'32 | 4♉51 | 28°R18 | 19♏ 8 | 16♉39 | 8♎37 | 22♊59 | 28°R38 | 20♎24 | 21♌ 8 | 2°D53 | 2♎35 | 19♒ 3 | 17♉49 | T 1 |
| F 2 | 0 42 59 | 8°53'17 | 16°58 | 27♍43 | 20°18 | 17°13 | 8°50 | 23° 0 | 28♉37 | 20°26 | 21° 9 | 2♎53 | 2°31 | 19° 9 | 17°50 | F 2 |
| S 3 | 0 46 56 | 9°52'04 | 28°55 | 27°18 | 21°28 | 17°48 | 9° 3 | 23° 0 | 28°35 | 20°28 | 21°11 | 2°54 | 2°28 | 19°16 | 17°50 | S 3 |
| S 4 | 0 50 52 | 10°50'53 | 10♒47 | 27° 3 | 22°37 | 18°23 | 9°16 | 23° 0 | 28°34 | 20°31 | 21°12 | 2°55 | 2°25 | 19°23 | 17°51 | S 4 |
| M 5 | 0 54 49 | 11°49'44 | 22°37 | 26°D58 | 23°47 | 18°59 | 9°29 | 23°R 0 | 28°33 | 20°33 | 21°13 | 2°55 | 2°22 | 19°30 | 17°52 | M 5 |
| T 6 | 0 58 45 | 12°48'36 | 4♓30 | 27° 3 | 24°56 | 19°34 | 9°42 | 23° 0 | 28°31 | 20°35 | 21°14 | 2°56 | 2°19 | 19°36 | 17°53 | T 6 |
| W 7 | 1 2 42 | 13°47'30 | 16°30 | 27°18 | 26° 5 | 20°10 | 9°55 | 23° 0 | 28°30 | 20°37 | 21°16 | 2°57 | 2°16 | 19°43 | 17°54 | W 7 |
| T 8 | 1 6 39 | 14°46'26 | 28°38 | 27°42 | 27°15 | 20°46 | 10° 8 | 23° 0 | 28°28 | 20°39 | 21°17 | 2°R58 | 2°12 | 19°50 | 17°56 | T 8 |
| F 9 | 1 10 35 | 15°45'23 | 10♈57 | 28°17 | 28°24 | 21°22 | 10°21 | 22°59 | 28°26 | 20°42 | 21°18 | 2°58 | 2° 9 | 19°56 | 17°57 | F 9 |
| S 10 | 1 14 32 | 16°44'23 | 23°29 | 29° 0 | 29°33 | 21°59 | 10°34 | 22°59 | 28°25 | 20°44 | 21°19 | 2°57 | 2° 6 | 20° 3 | 17°58 | S 10 |
| S 11 | 1 18 28 | 17°43'25 | 6♉15 | 29°52 | 0♗42 | 22°36 | 10°46 | 22°58 | 28°23 | 20°46 | 21°20 | 2°55 | 2° 3 | 20°10 | 18° 0 | S 11 |
| M12 | 1 22 25 | 18°42'29 | 19°14 | 0♎51 | 1°51 | 23°13 | 10°59 | 22°57 | 28°21 | 20°48 | 21°21 | 2°53 | 2° 0 | 20°16 | 18° 1 | M12 |
| T 13 | 1 26 21 | 19°41'35 | 2♊27 | 1°58 | 2°59 | 23°50 | 11°12 | 22°57 | 28°20 | 20°51 | 21°22 | 2°51 | 1°56 | 20°23 | 18° 3 | T 13 |
| W14 | 1 30 18 | 20°40'44 | 15°53 | 3°10 | 4° 8 | 24°27 | 11°25 | 22°56 | 28°18 | 20°53 | 21°23 | 2°49 | 1°53 | 20°30 | 18° 5 | W14 |
| T 15 | 1 34 14 | 21°39'54 | 29°32 | 4°28 | 5°16 | 25° 5 | 11°38 | 22°55 | 28°16 | 20°55 | 21°24 | 2°47 | 1°50 | 20°36 | 18° 6 | T 15 |
| F 16 | 1 38 11 | 22°39'07 | 13♋23 | 5°51 | 6°25 | 25°42 | 11°51 | 22°54 | 28°14 | 20°57 | 21°25 | 2°46 | 1°47 | 20°43 | 18° 8 | F 16 |
| S 17 | 1 42 8 | 23°38'23 | 27°25 | 7°18 | 7°33 | 26°20 | 12° 4 | 22°52 | 28°12 | 20°59 | 21°26 | 2°D45 | 1°44 | 20°50 | 18°10 | S 17 |
| S 18 | 1 46 4 | 24°37'40 | 11♌38 | 8°49 | 8°41 | 26°58 | 12°17 | 22°51 | 28°10 | 21° 2 | 21°27 | 2°46 | 1°41 | 20°56 | 18°12 | S 18 |
| M19 | 1 50 1 | 25°37'00 | 25°58 | 10°22 | 9°49 | 27°37 | 12°29 | 22°50 | 28° 8 | 21° 4 | 21°28 | 2°47 | 1°37 | 21° 3 | 18°14 | M19 |
| T 20 | 1 53 57 | 26°36'22 | 10♍23 | 11°58 | 10°57 | 28°15 | 12°42 | 22°48 | 28° 6 | 21° 6 | 21°29 | 2°49 | 1°34 | 21°10 | 18°16 | T 20 |
| W21 | 1 57 54 | 27°35'47 | 24°49 | 13°35 | 12° 5 | 28°54 | 12°55 | 22°46 | 28° 4 | 21° 8 | 21°30 | 2°50 | 1°31 | 21°16 | 18°19 | W21 |
| T 22 | 2 1 50 | 28°35'13 | 9♎13 | 15°14 | 13°13 | 29°33 | 13° 8 | 22°45 | 28° 2 | 21°11 | 21°31 | 2°R50 | 1°28 | 21°23 | 18°21 | T 22 |
| F 23 | 2 5 47 | 29°34'42 | 23°28 | 16°55 | 14°20 | 0♒12 | 13°20 | 22°43 | 28° 0 | 21°13 | 21°32 | 2°49 | 1°25 | 21°30 | 18°23 | F 23 |
| S 24 | 2 9 43 | 0♏34'13 | 7♏30 | 18°36 | 15°28 | 0°51 | 13°33 | 22°41 | 27°58 | 21°15 | 21°33 | 2°46 | 1°22 | 21°36 | 18°26 | S 24 |
| S 25 | 2 13 40 | 1°33'45 | 21°15 | 20°18 | 16°35 | 1°30 | 13°46 | 22°39 | 27°56 | 21°17 | 21°34 | 2°42 | 1°18 | 21°43 | 18°29 | S 25 |
| M26 | 2 17 36 | 2°33'20 | 4♗40 | 22° 0 | 17°42 | 2° 9 | 13°58 | 22°36 | 27°54 | 21°19 | 21°34 | 2°37 | 1°15 | 21°50 | 18°31 | M26 |
| T 27 | 2 21 33 | 3°32'57 | 17°43 | 23°43 | 18°49 | 2°49 | 14°11 | 22°34 | 27°51 | 21°22 | 21°35 | 2°32 | 1°12 | 21°56 | 18°34 | T 27 |
| W28 | 2 25 30 | 4°32'35 | 0♑26 | 25°25 | 19°56 | 3°29 | 14°24 | 22°32 | 27°49 | 21°24 | 21°36 | 2°28 | 1° 9 | 22° 3 | 18°37 | W28 |
| T 29 | 2 29 26 | 5°32'15 | 12°49 | 27° 8 | 21° 3 | 4° 9 | 14°36 | 22°29 | 27°47 | 21°26 | 21°37 | 2°24 | 1° 6 | 22°10 | 18°40 | T 29 |
| F 30 | 2 33 23 | 6°31'57 | 24°58 | 28°50 | 22°10 | 4°49 | 14°49 | 22°27 | 27°45 | 21°28 | 21°37 | 2°22 | 1° 2 | 22°16 | 18°42 | F 30 |
| S 31 | 2 37 19 | 7♏31'40 | 6♒55 | 0♏32 | 23♗16 | 5♒29 | 15♎ 1 | 22♊24 | 27♉42 | 21♎30 | 21♌38 | 2°D21 | 0♎59 | 22♒23 | 18♉45 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 8 | 18s 0 | 5n17 | 0s37 | 1s24 | 18s43 | 1s18 | 25s26 | 3s 6 | 2s25 | 1n 4 | 21n31 | 1s40 | 19n32 | 0s16 | 6s33 | 1n30 | 20n58 | 6n55 | 1s 9 | 1s 1 | 11s42 | 15s 4 | 7n12 |
| F 2 | 3 31 | 17 13 | 5 8 | 0 5 | 1 4 | 19 6 | 1 22 | 25 19 | 3 5 | 2 30 | 1 4 | 21 31 | 1 40 | 19 32 | 0 16 | 6 34 | 1 30 | 20 58 | 6 56 | 1 9 | 1 0 | 11 41 | 15 4 | 7 11 |
| S 3 | 3 54 | 15 40 | 4 45 | 0n23 | 0 44 | 19 28 | 1 26 | 25 13 | 3 3 | 2 35 | 1 4 | 21 31 | 1 41 | 19 32 | 0 16 | 6 35 | 1 30 | 20 58 | 6 56 | 1 9 | 0 59 | 11 39 | 15 5 | 7 11 |
| S 4 | 4 17 | 13 28 | 4 11 | 0 47 | 0 25 | 19 49 | 1 29 | 25 7 | 3 1 | 2 41 | 1 4 | 21 31 | 1 41 | 19 31 | 0 16 | 6 36 | 1 30 | 20 57 | 6 56 | 1 9 | 0 58 | 11 38 | 15 5 | 7 10 |
| M 5 | 4 40 | 10 42 | 3 26 | 1 6 | 0 7 | 20 10 | 1 33 | 25 0 | 2 59 | 2 46 | 1 4 | 21 31 | 1 41 | 19 31 | 0 16 | 6 37 | 1 30 | 20 57 | 6 56 | 1 10 | 0 56 | 11 36 | 15 6 | 7 9 |
| T 6 | 5 3 | 7 29 | 2 31 | 1 20 | 0n11 | 20 31 | 1 37 | 24 53 | 2 58 | 2 51 | 1 4 | 21 31 | 1 41 | 19 31 | 0 16 | 6 37 | 1 30 | 20 57 | 6 56 | 1 10 | 0 55 | 11 35 | 15 6 | 7 9 |
| W 7 | 5 26 | 3 56 | 1 30 | 1 29 | 0 27 | 20 51 | 1 41 | 24 46 | 2 56 | 2 56 | 1 4 | 21 31 | 1 41 | 19 30 | 0 16 | 6 38 | 1 30 | 20 57 | 6 57 | 1 10 | 0 54 | 11 33 | 15 6 | 7 8 |
| T 8 | 5 48 | 0 11 | 0 24 | 1 33 | 0 42 | 21 11 | 1 44 | 24 39 | 2 54 | 3 1 | 1 5 | 21 31 | 1 41 | 19 30 | 0 16 | 6 39 | 1 30 | 20 57 | 6 57 | 1 10 | 0 53 | 11 32 | 15 7 | 7 8 |
| F 9 | 6 11 | 3n39 | 0s44 | 1 32 | 0 56 | 21 30 | 1 48 | 24 32 | 2 53 | 3 6 | 1 5 | 21 31 | 1 41 | 19 30 | 0 16 | 6 40 | 1 30 | 20 56 | 6 57 | 1 10 | 0 51 | 11 30 | 15 7 | 7 7 |
| S 10 | 6 34 | 7 23 | 1 51 | 1 26 | 1 8 | 21 49 | 1 51 | 24 24 | 2 51 | 3 11 | 1 5 | 21 31 | 1 41 | 19 29 | 0 16 | 6 41 | 1 30 | 20 56 | 6 57 | 1 10 | 0 50 | 11 29 | 15 8 | 7 7 |
| S 11 | 6 56 | 10 50 | 2 54 | 1 15 | 1 19 | 22 7 | 1 55 | 24 16 | 2 49 | 3 16 | 1 5 | 21 30 | 1 41 | 19 29 | 0 16 | 6 41 | 1 30 | 20 56 | 6 58 | 1 10 | 0 49 | 11 28 | 15 8 | 7 6 |
| M12 | 7 19 | 13 49 | 3 49 | 1 0 | 1 28 | 22 25 | 1 58 | 24 8 | 2 47 | 3 21 | 1 5 | 21 30 | 1 41 | 19 29 | 0 17 | 6 42 | 1 30 | 20 56 | 6 58 | 1 9 | 0 47 | 11 26 | 15 8 | 7 5 |
| T 13 | 7 41 | 16 9 | 4 32 | 0 42 | 1 36 | 22 42 | 2 2 | 24 0 | 2 46 | 3 26 | 1 5 | 21 30 | 1 42 | 19 28 | 0 17 | 6 43 | 1 30 | 20 56 | 6 58 | 1 8 | 0 46 | 11 25 | 15 9 | 7 5 |
| W14 | 8 3 | 17 38 | 5 2 | 0 19 | 1 43 | 22 58 | 2 5 | 23 52 | 2 44 | 3 31 | 1 5 | 21 30 | 1 42 | 19 28 | 0 17 | 6 44 | 1 30 | 20 56 | 6 58 | 1 7 | 0 45 | 11 23 | 15 9 | 7 4 |
| T 15 | 8 25 | 18 8 | 5 15 | 0s 7 | 1 48 | 23 14 | 2 9 | 23 43 | 2 42 | 3 36 | 1 5 | 21 30 | 1 42 | 19 27 | 0 17 | 6 45 | 1 30 | 20 56 | 6 59 | 1 6 | 0 44 | 11 22 | 15 9 | 7 4 |
| F 16 | 8 47 | 17 34 | 5 10 | 0 36 | 1 52 | 23 30 | 2 12 | 23 35 | 2 41 | 3 41 | 1 5 | 21 30 | 1 42 | 19 27 | 0 17 | 6 46 | 1 30 | 20 55 | 6 59 | 1 6 | 0 42 | 11 20 | 15 10 | 7 3 |
| S 17 | 9 9 | 15 56 | 4 47 | 1 7 | 1 56 | 23 45 | 2 15 | 23 26 | 2 39 | 3 46 | 1 5 | 21 30 | 1 42 | 19 26 | 0 16 | 6 46 | 1 30 | 20 55 | 6 59 | 1 6 | 0 41 | 11 19 | 15 10 | 7 3 |
| S 18 | 9 31 | 13 19 | 4 6 | 1 41 | 1 58 | 23 59 | 2 19 | 23 17 | 2 37 | 3 51 | 1 5 | 21 29 | 1 42 | 19 26 | 0 16 | 6 47 | 1 30 | 20 55 | 6 59 | 1 6 | 0 40 | 11 17 | 15 10 | 7 2 |
| M19 | 9 53 | 9 52 | 3 9 | 2 16 | 1 59 | 24 12 | 2 22 | 23 8 | 2 35 | 3 56 | 1 5 | 21 29 | 1 42 | 19 26 | 0 16 | 6 48 | 1 30 | 20 55 | 7 0 | 1 6 | 0 39 | 11 16 | 15 11 | 7 1 |
| T 20 | 10 14 | 5 48 | 2 1 | 2 54 | 1 59 | 24 25 | 2 25 | 22 58 | 2 34 | 4 1 | 1 5 | 21 29 | 1 42 | 19 25 | 0 16 | 6 49 | 1 30 | 20 55 | 7 0 | 1 7 | 0 37 | 11 14 | 15 11 | 7 1 |
| W21 | 10 36 | 1 23 | 0 44 | 3 32 | 1 58 | 24 38 | 2 28 | 22 49 | 2 32 | 4 5 | 1 5 | 21 29 | 1 42 | 19 25 | 0 16 | 6 50 | 1 30 | 20 55 | 7 0 | 1 7 | 0 36 | 11 13 | 15 11 | 7 0 |
| T 22 | 10 57 | 3s 6 | 0n35 | 4 12 | 1 57 | 24 50 | 2 31 | 22 39 | 2 30 | 4 10 | 1 5 | 21 29 | 1 42 | 19 24 | 0 16 | 6 51 | 1 30 | 20 55 | 7 0 | 1 7 | 0 35 | 11 12 | 15 11 | 7 0 |
| F 23 | 11 18 | 7 22 | 1 51 | 4 52 | 1 55 | 25 1 | 2 34 | 22 29 | 2 29 | 4 15 | 1 5 | 21 28 | 1 42 | 19 24 | 0 16 | 6 51 | 1 30 | 20 55 | 7 1 | 1 7 | 0 34 | 11 10 | 15 12 | 6 59 |
| S 24 | 11 39 | 11 9 | 2 59 | 5 33 | 1 52 | 25 11 | 2 37 | 22 19 | 2 27 | 4 20 | 1 5 | 21 28 | 1 43 | 19 23 | 0 16 | 6 52 | 1 31 | 20 55 | 7 1 | 1 6 | 0 32 | 11 9 | 15 12 | 6 59 |
| S 25 | 11 59 | 14 15 | 3 55 | 6 14 | 1 49 | 25 21 | 2 40 | 22 8 | 2 25 | 4 25 | 1 5 | 21 28 | 1 43 | 19 23 | 0 16 | 6 53 | 1 31 | 20 55 | 7 1 | 1 4 | 0 31 | 11 7 | 15 12 | 6 58 |
| M26 | 12 20 | 16 29 | 4 36 | 6 56 | 1 45 | 25 31 | 2 43 | 21 58 | 2 24 | 4 30 | 1 5 | 21 28 | 1 43 | 19 22 | 0 16 | 6 54 | 1 31 | 20 55 | 7 1 | 1 2 | 0 30 | 11 6 | 15 12 | 6 58 |
| T 27 | 12 40 | 17 48 | 5 2 | 7 37 | 1 41 | 25 39 | 2 45 | 21 47 | 2 22 | 4 35 | 1 5 | 21 28 | 1 43 | 19 22 | 0 16 | 6 55 | 1 31 | 20 55 | 7 2 | 1 0 | 0 29 | 11 4 | 15 12 | 6 57 |
| W28 | 13 0 | 18 10 | 5 12 | 8 19 | 1 36 | 25 47 | 2 48 | 21 36 | 2 20 | 4 39 | 1 5 | 21 27 | 1 43 | 19 21 | 0 16 | 6 55 | 1 31 | 20 55 | 7 2 | 0 59 | 0 27 | 11 3 | 15 13 | 6 57 |
| T 29 | 13 20 | 17 40 | 5 7 | 9 0 | 1 31 | 25 55 | 2 50 | 21 25 | 2 19 | 4 44 | 1 5 | 21 27 | 1 43 | 19 21 | 0 16 | 6 56 | 1 31 | 20 55 | 7 2 | 0 57 | 0 26 | 11 1 | 15 13 | 6 56 |
| F 30 | 13 40 | 16 21 | 4 49 | 9 42 | 1 26 | 26 1 | 2 53 | 21 14 | 2 17 | 4 49 | 1 6 | 21 27 | 1 43 | 19 20 | 0 16 | 6 57 | 1 31 | 20 55 | 7 2 | 0 56 | 0 25 | 11 0 | 15 13 | 6 56 |
| S 31 | 13s59 | 14s20 | 4n18 | 10s23 | 1n20 | 26s 8 | 2s55 | 21s 2 | 2s15 | 4s54 | 1n 6 | 21n27 | 1s43 | 19n20 | 0s16 | 6s58 | 1n31 | 20n55 | 7n 3 | 0s56 | 0s24 | 10s58 | 15s13 | 6n55 |

Julian Day Number = 2613620.5, Delta T = 10m50s
Ecliptic obliquity = 23°22'45, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'41, Lahiri = 30°03'41


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## NOVEMBER 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 41 16 | 8♏31'26 | 18♒47 | 2♏14 | 24♐22 | 6♒ 9 | 15♎14 | 22°R21 | 27°R40 | 21♎33 | 21♌38 | 2♎21 | 0♎56 | 22♒30 | 18♉49 | S 1 |
| M 2 | 2 45 12 | 9°31'12 | 0♓37 | 3°55 | 25°28 | 6°50 | 15°26 | 22♊18 | 27♉38 | 21°35 | 21°39 | 2°23 | 0°53 | 22°37 | 18°52 | M 2 |
| T 3 | 2 49 9 | 10°31'01 | 12°31 | 5°36 | 26°34 | 7°30 | 15°38 | 22°16 | 27°36 | 21°37 | 21°40 | 2°25 | 0°50 | 22°43 | 18°55 | T 3 |
| W 4 | 2 53 5 | 11°30'51 | 24°33 | 7°17 | 27°40 | 8°11 | 15°51 | 22°12 | 27°33 | 21°39 | 21°40 | 2°26 | 0°47 | 22°50 | 18°58 | W 4 |
| T 5 | 2 57 2 | 12°30'43 | 6♈49 | 8°57 | 28°45 | 8°52 | 16° 3 | 22° 9 | 27°31 | 21°41 | 21°41 | 2°R26 | 0°43 | 22°57 | 19° 1 | T 5 |
| F 6 | 3 0 59 | 13°30'37 | 19°19 | 10°37 | 29°50 | 9°33 | 16°15 | 22° 6 | 27°28 | 21°43 | 21°41 | 2°25 | 0°40 | 23° 3 | 19° 5 | F 6 |
| S 7 | 3 4 55 | 14°30'32 | 2♉ 8 | 12°16 | 0♊55 | 10°14 | 16°27 | 22° 3 | 27°26 | 21°45 | 21°42 | 2°21 | 0°37 | 23°10 | 19° 8 | S 7 |
| S 8 | 3 8 52 | 15°30'29 | 15°15 | 13°55 | 2° 0 | 10°55 | 16°39 | 21°59 | 27°24 | 21°47 | 21°42 | 2°16 | 0°34 | 23°17 | 19°12 | S 8 |
| M 9 | 3 12 48 | 16°30'28 | 28°39 | 15°34 | 3° 5 | 11°36 | 16°51 | 21°56 | 27°21 | 21°49 | 21°42 | 2° 9 | 0°31 | 23°23 | 19°16 | M 9 |
| T 10 | 3 16 45 | 17°30'30 | 12♊18 | 17°12 | 4° 9 | 12°17 | 17° 4 | 21°52 | 27°19 | 21°52 | 21°43 | 2° 1 | 0°28 | 23°30 | 19°19 | T 10 |
| W11 | 3 20 41 | 18°30'33 | 26°10 | 18°49 | 5°13 | 12°59 | 17°16 | 21°49 | 27°16 | 21°54 | 21°43 | 1°53 | 0°24 | 23°37 | 19°23 | W11 |
| T 12 | 3 24 38 | 19°30'38 | 10♋10 | 20°26 | 6°17 | 13°40 | 17°27 | 21°45 | 27°14 | 21°56 | 21°44 | 1°47 | 0°21 | 23°43 | 19°27 | T 12 |
| F 13 | 3 28 34 | 20°30'45 | 24°16 | 22° 3 | 7°20 | 14°22 | 17°39 | 21°41 | 27°11 | 21°58 | 21°44 | 1°42 | 0°18 | 23°50 | 19°31 | F 13 |
| S 14 | 3 32 31 | 21°30'54 | 8♌24 | 23°39 | 8°24 | 15° 4 | 17°51 | 21°37 | 27° 9 | 22° 0 | 21°44 | 1°39 | 0°15 | 23°57 | 19°35 | S 14 |
| S 15 | 3 36 28 | 22°31'05 | 22°32 | 25°15 | 9°27 | 15°45 | 18° 3 | 21°34 | 27° 6 | 22° 2 | 21°44 | 1°D38 | 0°12 | 24° 3 | 19°39 | S 15 |
| M16 | 3 40 24 | 23°31'19 | 6♍39 | 26°50 | 10°29 | 16°27 | 18°15 | 21°30 | 27° 4 | 22° 4 | 21°45 | 1°39 | 0° 8 | 24°10 | 19°43 | M16 |
| T 17 | 3 44 21 | 24°31'34 | 20°44 | 28°25 | 11°32 | 17° 9 | 18°26 | 21°25 | 27° 1 | 22° 6 | 21°45 | 1°40 | 0° 5 | 24°17 | 19°47 | T 17 |
| W18 | 3 48 17 | 25°31'51 | 4♎45 | 0♐ 0 | 12°34 | 17°51 | 18°38 | 21°21 | 26°59 | 22° 8 | 21°45 | 1°R40 | 0° 2 | 24°23 | 19°51 | W18 |
| T 19 | 3 52 14 | 26°32'10 | 18°41 | 1°35 | 13°36 | 18°33 | 18°49 | 21°17 | 26°56 | 22° 9 | 21°45 | 1°39 | 29♍59 | 24°30 | 19°55 | T 19 |
| F 20 | 3 56 10 | 27°32'32 | 2♏29 | 3° 9 | 14°37 | 19°16 | 19° 1 | 21°13 | 26°54 | 22°11 | 21°45 | 1°35 | 29°56 | 24°37 | 19°59 | F 20 |
| S 21 | 4 0 7 | 28°32'55 | 16° 8 | 4°43 | 15°38 | 19°58 | 19°12 | 21° 9 | 26°51 | 22°13 | 21°45 | 1°29 | 29°53 | 24°43 | 20° 4 | S 21 |
| S 22 | 4 4 3 | 29°33'19 | 29°35 | 6°16 | 16°39 | 20°40 | 19°24 | 21° 4 | 26°49 | 22°15 | 21°45 | 1°20 | 29°49 | 24°50 | 20° 8 | S 22 |
| M23 | 4 8 0 | 0♐33'46 | 12♐46 | 7°49 | 17°39 | 21°23 | 19°35 | 21° 0 | 26°46 | 22°17 | 21°R45 | 1° 9 | 29°46 | 24°57 | 20°12 | M23 |
| T 24 | 4 11 57 | 1°34'13 | 25°41 | 9°23 | 18°39 | 22° 5 | 19°46 | 20°55 | 26°44 | 22°19 | 21°45 | 0°58 | 29°43 | 25° 3 | 20°17 | T 24 |
| W25 | 4 15 53 | 2°34'43 | 8♑19 | 10°55 | 19°39 | 22°48 | 19°57 | 20°51 | 26°41 | 22°21 | 21°45 | 0°47 | 29°40 | 25°10 | 20°22 | W25 |
| T 26 | 4 19 50 | 3°35'14 | 20°41 | 12°28 | 20°38 | 23°31 | 20° 8 | 20°46 | 26°39 | 22°22 | 21°45 | 0°38 | 29°37 | 25°17 | 20°26 | T 26 |
| F 27 | 4 23 46 | 4°35'46 | 2♒48 | 14° 0 | 21°37 | 24°13 | 20°19 | 20°42 | 26°37 | 22°24 | 21°45 | 0°30 | 29°33 | 25°23 | 20°31 | F 27 |
| S 28 | 4 27 43 | 5°36'19 | 14°45 | 15°32 | 22°35 | 24°56 | 20°30 | 20°37 | 26°34 | 22°26 | 21°45 | 0°26 | 29°30 | 25°30 | 20°35 | S 28 |
| S 29 | 4 31 39 | 6°36'53 | 26°35 | 17° 4 | 23°33 | 25°39 | 20°41 | 20°32 | 26°32 | 22°28 | 21°45 | 0°23 | 29°27 | 25°37 | 20°40 | S 29 |
| M30 | 4 35 36 | 7♐37'29 | 8♓23 | 18♐36 | 24♑30 | 26♒22 | 20♎52 | 20♊28 | 26♉29 | 22♎29 | 21♌44 | 0°D23 | 29♍24 | 25♒43 | 20♑45 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s19 | 11s44 | 3n36 | 11s 3 | 1n14 | 26s13 | 2s58 | 20s51 | 2s14 | 4s58 | 1n 6 | 21n27 | 1s43 | 19n19 | 0s16 | 6s59 | 1n31 | 20n55 | 7n 3 | 0s56 | 0s22 | 10s57 | 15s13 | 6n55 |
| M 2 | 14 38 | 8 39 | 2 45 | 11 43 | 1 8 | 26 18 | 3 0 | 20 39 | 2 12 | 5 3 | 1 6 | 21 26 | 1 43 | 19 19 | 0 16 | 6 59 | 1 31 | 20 55 | 7 3 | 0 57 | 0 21 | 10 55 | 15 13 | 6 54 |
| T 3 | 14 56 | 5 12 | 1 46 | 12 23 | 1 2 | 26 22 | 3 2 | 20 27 | 2 10 | 5 8 | 1 6 | 21 26 | 1 43 | 19 18 | 0 16 | 7 0 | 1 31 | 20 55 | 7 3 | 0 57 | 0 20 | 10 54 | 15 13 | 6 54 |
| W 4 | 15 15 | 1 30 | 0 43 | 13 2 | 0 56 | 26 25 | 3 4 | 20 15 | 2 9 | 5 12 | 1 6 | 21 26 | 1 43 | 19 18 | 0 16 | 7 1 | 1 31 | 20 55 | 7 4 | 0 58 | 0 18 | 10 52 | 15 13 | 6 53 |
| T 5 | 15 33 | 2n20 | 0s24 | 13 40 | 0 50 | 26 28 | 3 6 | 20 2 | 2 7 | 5 17 | 1 6 | 21 26 | 1 43 | 19 17 | 0 16 | 7 2 | 1 31 | 20 55 | 7 4 | 0 58 | 0 17 | 10 51 | 15 13 | 6 53 |
| F 6 | 15 51 | 6 9 | 1 30 | 14 17 | 0 43 | 26 30 | 3 7 | 19 50 | 2 5 | 5 22 | 1 6 | 21 26 | 1 43 | 19 17 | 0 16 | 7 2 | 1 31 | 20 55 | 7 4 | 0 57 | 0 16 | 10 49 | 15 13 | 6 52 |
| S 7 | 16 9 | 9 46 | 2 34 | 14 54 | 0 36 | 26 32 | 3 9 | 19 37 | 2 4 | 5 26 | 1 6 | 21 25 | 1 43 | 19 16 | 0 16 | 7 3 | 1 31 | 20 55 | 7 4 | 0 56 | 0 15 | 10 48 | 15 13 | 6 52 |
| S 8 | 16 27 | 13 0 | 3 31 | 15 30 | 0 30 | 26 32 | 3 10 | 19 24 | 2 2 | 5 31 | 1 6 | 21 25 | 1 43 | 19 16 | 0 16 | 7 4 | 1 31 | 20 56 | 7 5 | 0 54 | 0 13 | 10 46 | 15 13 | 6 51 |
| M 9 | 16 44 | 15 37 | 4 17 | 16 6 | 0 23 | 26 32 | 3 12 | 19 11 | 2 0 | 5 35 | 1 6 | 21 25 | 1 43 | 19 15 | 0 16 | 7 5 | 1 31 | 20 56 | 7 5 | 0 51 | 0 12 | 10 45 | 15 13 | 6 51 |
| T 10 | 17 1 | 17 25 | 4 50 | 16 40 | 0 16 | 26 32 | 3 13 | 18 58 | 1 59 | 5 40 | 1 6 | 21 25 | 1 43 | 19 15 | 0 16 | 7 5 | 1 31 | 20 56 | 7 5 | 0 48 | 0 11 | 10 43 | 15 13 | 6 50 |
| W11 | 17 18 | 18 13 | 5 6 | 17 14 | 0 9 | 26 31 | 3 14 | 18 45 | 1 57 | 5 44 | 1 7 | 21 24 | 1 44 | 19 14 | 0 16 | 7 6 | 1 31 | 20 56 | 7 5 | 0 45 | 0 10 | 10 42 | 15 13 | 6 50 |
| T 12 | 17 34 | 17 56 | 5 5 | 17 46 | 0 3 | 26 29 | 3 15 | 18 31 | 1 56 | 5 49 | 1 7 | 21 24 | 1 44 | 19 13 | 0 16 | 7 7 | 1 31 | 20 56 | 7 6 | 0 42 | 0 8 | 10 40 | 15 13 | 6 49 |
| F 13 | 17 50 | 16 32 | 4 44 | 18 18 | 0s 4 | 26 27 | 3 16 | 18 18 | 1 54 | 5 53 | 1 7 | 21 24 | 1 44 | 19 13 | 0 16 | 7 8 | 1 31 | 20 56 | 7 6 | 0 40 | 0 7 | 10 39 | 15 13 | 6 49 |
| S 14 | 18 6 | 14 8 | 4 7 | 18 49 | 0 11 | 26 24 | 3 17 | 18 4 | 1 52 | 5 57 | 1 7 | 21 24 | 1 44 | 19 12 | 0 16 | 7 8 | 1 31 | 20 56 | 7 6 | 0 39 | 0 6 | 10 37 | 15 13 | 6 48 |
| S 15 | 18 21 | 10 54 | 3 15 | 19 19 | 0 18 | 26 20 | 3 18 | 17 50 | 1 51 | 6 2 | 1 7 | 21 23 | 1 44 | 19 12 | 0 16 | 7 9 | 1 31 | 20 57 | 7 7 | 0 39 | 0 5 | 10 36 | 15 13 | 6 48 |
| M16 | 18 36 | 7 2 | 2 10 | 19 48 | 0 24 | 26 16 | 3 18 | 17 36 | 1 49 | 6 6 | 1 7 | 21 23 | 1 44 | 19 11 | 0 16 | 7 10 | 1 31 | 20 57 | 7 7 | 0 39 | 0 3 | 10 34 | 15 13 | 6 47 |
| T 17 | 18 51 | 2 46 | 0 59 | 20 16 | 0 31 | 26 11 | 3 19 | 17 22 | 1 48 | 6 10 | 1 7 | 21 23 | 1 44 | 19 11 | 0 16 | 7 10 | 1 31 | 20 57 | 7 7 | 0 40 | 0 2 | 10 33 | 15 13 | 6 47 |
| W18 | 19 6 | 1s38 | 0n17 | 20 43 | 0 37 | 26 5 | 3 19 | 17 7 | 1 46 | 6 15 | 1 7 | 21 22 | 1 44 | 19 10 | 0 16 | 7 11 | 1 31 | 20 57 | 7 7 | 0 40 | 0 1 | 10 31 | 15 12 | 6 47 |
| T 19 | 19 20 | 5 55 | 1 30 | 21 8 | 0 44 | 25 59 | 3 19 | 16 53 | 1 44 | 6 19 | 1 7 | 21 22 | 1 44 | 19 10 | 0 16 | 7 12 | 1 31 | 20 57 | 7 8 | 0 39 | 0n 0 | 10 30 | 15 12 | 6 46 |
| F 20 | 19 34 | 9 50 | 2 37 | 21 33 | 0 50 | 25 52 | 3 19 | 16 38 | 1 43 | 6 23 | 1 7 | 21 22 | 1 44 | 19 9 | 0 16 | 7 13 | 1 31 | 20 58 | 7 8 | 0 38 | 0 2 | 10 28 | 15 12 | 6 46 |
| S 21 | 19 47 | 13 12 | 3 35 | 21 57 | 0 56 | 25 45 | 3 18 | 16 23 | 1 41 | 6 27 | 1 8 | 21 22 | 1 44 | 19 8 | 0 16 | 7 13 | 1 31 | 20 58 | 7 8 | 0 35 | 0 3 | 10 27 | 15 12 | 6 45 |
| S 22 | 20 0 | 15 47 | 4 19 | 22 20 | 1 2 | 25 37 | 3 18 | 16 8 | 1 40 | 6 32 | 1 8 | 21 21 | 1 44 | 19 8 | 0 16 | 7 14 | 1 31 | 20 58 | 7 8 | 0 32 | 0 4 | 10 25 | 15 12 | 6 45 |
| M23 | 20 13 | 17 30 | 4 49 | 22 41 | 1 8 | 25 29 | 3 17 | 15 53 | 1 38 | 6 36 | 1 8 | 21 21 | 1 44 | 19 7 | 0 16 | 7 14 | 1 31 | 20 58 | 7 9 | 0 27 | 0 5 | 10 24 | 15 11 | 6 45 |
| T 24 | 20 25 | 18 16 | 5 3 | 23 1 | 1 14 | 25 20 | 3 17 | 15 38 | 1 37 | 6 40 | 1 8 | 21 21 | 1 44 | 19 7 | 0 16 | 7 15 | 1 31 | 20 59 | 7 9 | 0 23 | 0 7 | 10 22 | 15 11 | 6 44 |
| W25 | 20 37 | 18 6 | 5 1 | 23 21 | 1 20 | 25 10 | 3 16 | 15 23 | 1 35 | 6 44 | 1 8 | 21 20 | 1 44 | 19 6 | 0 16 | 7 16 | 1 31 | 20 59 | 7 9 | 0 19 | 0 8 | 10 21 | 15 11 | 6 44 |
| T 26 | 20 49 | 17 5 | 4 46 | 23 39 | 1 26 | 25 0 | 3 15 | 15 7 | 1 34 | 6 48 | 1 8 | 21 20 | 1 44 | 19 6 | 0 16 | 7 16 | 1 31 | 20 59 | 7 10 | 0 15 | 0 9 | 10 19 | 15 11 | 6 43 |
| F 27 | 21 0 | 15 18 | 4 18 | 23 56 | 1 31 | 24 50 | 3 13 | 14 52 | 1 32 | 6 52 | 1 8 | 21 20 | 1 44 | 19 5 | 0 16 | 7 17 | 1 31 | 20 59 | 7 10 | 0 12 | 0 11 | 10 18 | 15 10 | 6 43 |
| S 28 | 21 11 | 12 53 | 3 38 | 24 11 | 1 36 | 24 39 | 3 12 | 14 36 | 1 30 | 6 56 | 1 8 | 21 20 | 1 44 | 19 5 | 0 16 | 7 18 | 1 31 | 21 0 | 7 10 | 0 10 | 0 12 | 10 16 | 15 10 | 6 43 |
| S 29 | 21 22 | 9 57 | 2 50 | 24 26 | 1 41 | 24 27 | 3 10 | 14 20 | 1 29 | 7 0 | 1 9 | 21 19 | 1 44 | 19 4 | 0 16 | 7 18 | 1 31 | 21 0 | 7 10 | 0 9 | 0 13 | 10 15 | 15 10 | 6 42 |
| M30 | 21s32 | 6s38 | 1n54 | 24s39 | 1s46 | 24s15 | 3s 8 | 14s 4 | 1s27 | 7s 4 | 1n 9 | 21n19 | 1s43 | 19n 3 | 0s16 | 7s19 | 1n32 | 21n 0 | 7n11 | 0s 9 | 0n14 | 10s13 | 15s 9 | 6n42 |

Julian Day Number = 2613651.5, Delta T = 10m51s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'45, Lahiri = 30°03'45


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# ASTRODIENST EPHEMERIS for the year 2443
# geocentric

## DECEMBER 2443 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 39 32 | 8♐38'06 | 20♓16 | 20♐ 8 | 25♑27 | 27♒ 5 | 21♎ 2 | 20°R23 | 26°R27 | 22♎31 | 21°R44 | 0♎23 | 29♍21 | 25♒50 | 20♑50 | T 1 |
| W 2 | 4 43 29 | 9°38'43 | 2♈18 | 21°39 | 26°23 | 27°48 | 21°13 | 20♊18 | 26♉24 | 22°33 | 21♌44 | 0°R23 | 29°18 | 25°57 | 20°55 | W 2 |
| T 3 | 4 47 26 | 10°39'22 | 14°35 | 23°10 | 27°19 | 28°31 | 21°23 | 20°13 | 26°22 | 22°34 | 21°44 | 0°22 | 29°14 | 26° 3 | 21° 0 | T 3 |
| F 4 | 4 51 22 | 11°40'02 | 27°11 | 24°41 | 28°14 | 29°14 | 21°34 | 20° 8 | 26°20 | 22°36 | 21°43 | 0°19 | 29°11 | 26°10 | 21° 5 | F 4 |
| S 5 | 4 55 19 | 12°40'44 | 10♉10 | 26°11 | 29° 9 | 29°57 | 21°44 | 20° 3 | 26°17 | 22°38 | 21°43 | 0°13 | 29° 8 | 26°17 | 21°10 | S 5 |
| S 6 | 4 59 15 | 13°41'26 | 23°32 | 27°42 | 0♒ 3 | 0♓40 | 21°54 | 19°59 | 26°15 | 22°39 | 21°43 | 0° 5 | 29° 5 | 26°23 | 21°15 | S 6 |
| M 7 | 5 3 12 | 14°42'10 | 7♊18 | 29°12 | 0°56 | 1°24 | 22° 4 | 19°54 | 26°13 | 22°41 | 21°42 | 29♍54 | 29° 2 | 26°30 | 21°20 | M 7 |
| T 8 | 5 7 8 | 15°42'55 | 21°23 | 0♋41 | 1°49 | 2° 7 | 22°14 | 19°49 | 26°10 | 22°42 | 21°42 | 29°42 | 28°59 | 26°37 | 21°25 | T 8 |
| W 9 | 5 11 5 | 16°43'41 | 5♋44 | 2°10 | 2°41 | 2°50 | 22°24 | 19°44 | 26° 8 | 22°44 | 21°42 | 29°31 | 28°55 | 26°43 | 21°30 | W 9 |
| T 10 | 5 15 1 | 17°44'28 | 20°13 | 3°39 | 3°32 | 3°34 | 22°34 | 19°39 | 26° 6 | 22°45 | 21°41 | 29°20 | 28°52 | 26°50 | 21°35 | T 10 |
| F 11 | 5 18 58 | 18°45'16 | 4♌43 | 5° 7 | 4°22 | 4°17 | 22°44 | 19°34 | 26° 3 | 22°47 | 21°41 | 29°11 | 28°49 | 26°57 | 21°40 | F 11 |
| S 12 | 5 22 55 | 19°46'06 | 19°10 | 6°35 | 5°12 | 5° 0 | 22°53 | 19°29 | 26° 1 | 22°48 | 21°40 | 29° 6 | 28°46 | 27° 3 | 21°46 | S 12 |
| S 13 | 5 26 51 | 20°46'58 | 3♍29 | 8° 2 | 6° 1 | 5°44 | 23° 3 | 19°24 | 25°59 | 22°49 | 21°40 | 29° 3 | 28°43 | 27°10 | 21°51 | S 13 |
| M14 | 5 30 48 | 21°47'50 | 17°36 | 9°28 | 6°48 | 6°27 | 23°12 | 19°19 | 25°57 | 22°51 | 21°39 | 29° 2 | 28°39 | 27°17 | 21°56 | M14 |
| T 15 | 5 34 44 | 22°48'44 | 1♎33 | 10°53 | 7°36 | 7°11 | 23°22 | 19°14 | 25°55 | 22°52 | 21°38 | 29° 2 | 28°36 | 27°23 | 22° 2 | T 15 |
| W16 | 5 38 41 | 23°49'39 | 15°18 | 12°17 | 8°22 | 7°54 | 23°31 | 19° 9 | 25°52 | 22°53 | 21°38 | 29° 2 | 28°33 | 27°30 | 22° 7 | W16 |
| T 17 | 5 42 37 | 24°50'35 | 28°53 | 13°40 | 9° 7 | 8°38 | 23°40 | 19° 4 | 25°50 | 22°55 | 21°37 | 28°59 | 28°30 | 27°37 | 22°13 | T 17 |
| F 18 | 5 46 34 | 25°51'33 | 12♏17 | 15° 1 | 9°51 | 9°21 | 23°49 | 19° 0 | 25°48 | 22°56 | 21°37 | 28°54 | 28°27 | 27°43 | 22°18 | F 18 |
| S 19 | 5 50 30 | 26°52'32 | 25°31 | 16°20 | 10°34 | 10° 5 | 23°58 | 18°55 | 25°46 | 22°57 | 21°36 | 28°46 | 28°24 | 27°50 | 22°24 | S 19 |
| S 20 | 5 54 27 | 27°53'31 | 8♐35 | 17°37 | 11°16 | 10°49 | 24° 7 | 18°50 | 25°44 | 22°58 | 21°35 | 28°34 | 28°20 | 27°57 | 22°29 | S 20 |
| M21 | 5 58 24 | 28°54'32 | 21°26 | 18°52 | 11°57 | 11°32 | 24°15 | 18°45 | 25°42 | 23° 0 | 21°34 | 28°21 | 28°17 | 28° 3 | 22°35 | M21 |
| T 22 | 6 2 20 | 29°55'33 | 4♑ 6 | 20° 4 | 12°37 | 12°16 | 24°24 | 18°40 | 25°40 | 23° 1 | 21°34 | 28° 6 | 28°14 | 28°10 | 22°40 | T 22 |
| W23 | 6 6 17 | 0♑56'35 | 16°32 | 21°12 | 13°16 | 13° 0 | 24°32 | 18°35 | 25°38 | 23° 2 | 21°33 | 27°52 | 28°11 | 28°17 | 22°46 | W23 |
| T 24 | 6 10 13 | 1°57'38 | 28°46 | 22°16 | 13°53 | 13°44 | 24°40 | 18°31 | 25°37 | 23° 3 | 21°32 | 27°39 | 28° 8 | 28°23 | 22°52 | T 24 |
| F 25 | 6 14 10 | 2°58'41 | 10♒49 | 23°16 | 14°29 | 14°27 | 24°48 | 18°26 | 25°35 | 23° 4 | 21°31 | 27°29 | 28° 5 | 28°30 | 22°57 | F 25 |
| S 26 | 6 18 6 | 3°59'45 | 22°43 | 24°11 | 15° 3 | 15°11 | 24°57 | 18°21 | 25°33 | 23° 5 | 21°30 | 27°22 | 28° 1 | 28°37 | 23° 3 | S 26 |
| S 27 | 6 22 3 | 5° 0'49 | 4♓31 | 25° 0 | 15°36 | 15°55 | 25° 4 | 18°17 | 25°31 | 23° 6 | 21°29 | 27°18 | 27°58 | 28°43 | 23° 9 | S 27 |
| M28 | 6 26 0 | 6° 1'54 | 16°18 | 25°43 | 16° 8 | 16°39 | 25°12 | 18°12 | 25°29 | 23° 7 | 21°29 | 27°16 | 27°55 | 28°50 | 23°14 | M28 |
| T 29 | 6 29 56 | 7° 2'58 | 28° 8 | 26°17 | 16°38 | 17°22 | 25°20 | 18° 8 | 25°28 | 23° 8 | 21°28 | 27°D15 | 27°52 | 28°57 | 23°20 | T 29 |
| W30 | 6 33 53 | 8° 4'03 | 10♈ 8 | 26°43 | 17° 6 | 18° 6 | 25°27 | 18° 3 | 25°26 | 23° 9 | 21°27 | 27°R15 | 27°49 | 29° 3 | 23°26 | W30 |
| T 31 | 6 37 49 | 9♑ 5'08 | 22♈22 | 27♑ 0 | 17♒33 | 18♓50 | 25♎35 | 17♊59 | 25♉24 | 23♎ 9 | 21♌26 | 27♍15 | 27♍45 | 29♒10 | 23♑31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s41 | 3s 1 | 0n54 | 24s51 | 1s50 | 24s 3 | 3s 6 | 13s48 | 1s26 | 7s 7 | 1n 9 | 21n19 | 1s43 | 19n 3 | 0s16 | 7s19 | 1n32 | 21n 1 | 7n11 | 0s 9 | 0n16 | 10s12 | 15s 9 | 6n42 |
| W 2 | 21 50 | 0n45 | 0s10 | 25 1 | 1 55 | 23 50 | 3 4 | 13 32 | 1 24 | 7 11 | 1 9 | 21 18 | 1 43 | 19 2 | 0 16 | 7 20 | 1 32 | 21 1 | 7 11 | 0 9 | 0 17 | 10 10 | 15 9 | 6 41 |
| T 3 | 21 59 | 4 35 | 1 15 | 25 11 | 1 59 | 23 37 | 3 2 | 13 15 | 1 23 | 7 15 | 1 9 | 21 18 | 1 43 | 19 2 | 0 16 | 7 21 | 1 32 | 21 1 | 7 11 | 0 9 | 0 18 | 10 9 | 15 8 | 6 41 |
| F 4 | 22 8 | 8 18 | 2 17 | 25 19 | 2 2 | 23 23 | 2 59 | 12 59 | 1 21 | 7 19 | 1 9 | 21 18 | 1 43 | 19 1 | 0 16 | 7 21 | 1 32 | 21 2 | 7 12 | 0 8 | 0 19 | 10 7 | 15 8 | 6 41 |
| S 5 | 22 16 | 11 45 | 3 15 | 25 25 | 2 6 | 23 9 | 2 56 | 12 43 | 1 20 | 7 22 | 1 9 | 21 17 | 1 43 | 19 1 | 0 16 | 7 22 | 1 32 | 21 2 | 7 12 | 0 5 | 0 21 | 10 6 | 15 7 | 6 40 |
| S 6 | 22 23 | 14 41 | 4 3 | 25 31 | 2 9 | 22 54 | 2 53 | 12 26 | 1 19 | 7 26 | 1 10 | 21 17 | 1 43 | 19 0 | 0 16 | 7 22 | 1 32 | 21 2 | 7 12 | 0 2 | 0 22 | 10 4 | 15 7 | 6 40 |
| M 7 | 22 30 | 16 54 | 4 38 | 25 35 | 2 12 | 22 39 | 2 50 | 12 9 | 1 17 | 7 30 | 1 10 | 21 17 | 1 43 | 19 0 | 0 16 | 7 23 | 1 32 | 21 3 | 7 12 | 0n 2 | 0 23 | 10 3 | 15 6 | 6 40 |
| T 8 | 22 37 | 18 9 | 4 58 | 25 37 | 2 15 | 22 24 | 2 46 | 11 52 | 1 16 | 7 33 | 1 10 | 21 17 | 1 43 | 18 59 | 0 16 | 7 23 | 1 32 | 21 3 | 7 13 | 0 7 | 0 24 | 10 1 | 15 6 | 6 40 |
| W 9 | 22 43 | 18 16 | 4 59 | 25 38 | 2 17 | 22 9 | 2 42 | 11 35 | 1 14 | 7 37 | 1 10 | 21 16 | 1 43 | 18 59 | 0 16 | 7 24 | 1 32 | 21 4 | 7 13 | 0 12 | 0 26 | 9 59 | 15 5 | 6 39 |
| T 10 | 22 49 | 17 13 | 4 42 | 25 38 | 2 19 | 21 53 | 2 38 | 11 18 | 1 13 | 7 40 | 1 10 | 21 16 | 1 43 | 18 58 | 0 16 | 7 24 | 1 32 | 21 4 | 7 13 | 0 16 | 0 27 | 9 58 | 15 5 | 6 39 |
| F 11 | 22 54 | 15 3 | 4 6 | 25 37 | 2 20 | 21 37 | 2 34 | 11 1 | 1 11 | 7 44 | 1 10 | 21 16 | 1 43 | 18 58 | 0 16 | 7 25 | 1 32 | 21 4 | 7 13 | 0 19 | 0 28 | 9 56 | 15 4 | 6 39 |
| S 12 | 22 59 | 11 58 | 3 14 | 25 34 | 2 21 | 21 20 | 2 29 | 10 44 | 1 10 | 7 47 | 1 11 | 21 15 | 1 43 | 18 57 | 0 16 | 7 25 | 1 32 | 21 5 | 7 14 | 0 21 | 0 29 | 9 55 | 15 4 | 6 39 |
| S 13 | 23 4 | 8 10 | 2 11 | 25 29 | 2 21 | 21 3 | 2 24 | 10 27 | 1 8 | 7 51 | 1 11 | 21 15 | 1 43 | 18 57 | 0 16 | 7 26 | 1 32 | 21 5 | 7 14 | 0 23 | 0 31 | 9 53 | 15 3 | 6 38 |
| M14 | 23 8 | 3 58 | 1 0 | 25 23 | 2 21 | 20 46 | 2 19 | 10 10 | 1 7 | 7 54 | 1 11 | 21 15 | 1 43 | 18 56 | 0 16 | 7 26 | 1 32 | 21 6 | 7 14 | 0 23 | 0 32 | 9 52 | 15 3 | 6 38 |
| T 15 | 23 11 | 0s25 | 0n13 | 25 16 | 2 21 | 20 29 | 2 14 | 9 52 | 1 6 | 7 57 | 1 11 | 21 15 | 1 42 | 18 56 | 0 16 | 7 27 | 1 32 | 21 6 | 7 14 | 0 23 | 0 33 | 9 50 | 15 2 | 6 38 |
| W16 | 23 14 | 4 42 | 1 25 | 25 8 | 2 20 | 20 12 | 2 8 | 9 35 | 1 4 | 8 0 | 1 11 | 21 14 | 1 42 | 18 55 | 0 16 | 7 27 | 1 32 | 21 6 | 7 15 | 0 23 | 0 34 | 9 49 | 15 1 | 6 38 |
| T 17 | 23 17 | 8 42 | 2 31 | 24 58 | 2 18 | 19 54 | 2 3 | 9 17 | 1 3 | 8 4 | 1 11 | 21 14 | 1 42 | 18 55 | 0 16 | 7 27 | 1 32 | 21 7 | 7 15 | 0 24 | 0 36 | 9 47 | 15 1 | 6 37 |
| F 18 | 23 19 | 12 12 | 3 27 | 24 47 | 2 16 | 19 36 | 1 56 | 8 59 | 1 1 | 8 7 | 1 12 | 21 14 | 1 42 | 18 54 | 0 16 | 7 28 | 1 32 | 21 7 | 7 15 | 0 26 | 0 37 | 9 46 | 15 0 | 6 37 |
| S 19 | 23 21 | 15 1 | 4 12 | 24 34 | 2 12 | 19 18 | 1 50 | 8 42 | 1 0 | 8 10 | 1 12 | 21 13 | 1 42 | 18 54 | 0 16 | 7 28 | 1 32 | 21 8 | 7 15 | 0 30 | 0 38 | 9 44 | 15 0 | 6 37 |
| S 20 | 23 22 | 17 2 | 4 42 | 24 21 | 2 9 | 19 0 | 1 43 | 8 24 | 0 59 | 8 13 | 1 12 | 21 13 | 1 42 | 18 53 | 0 16 | 7 29 | 1 32 | 21 8 | 7 16 | 0 34 | 0 40 | 9 42 | 14 59 | 6 37 |
| M21 | 23 22 | 18 9 | 4 58 | 24 6 | 2 4 | 18 42 | 1 36 | 8 6 | 0 57 | 8 16 | 1 12 | 21 13 | 1 42 | 18 53 | 0 16 | 7 29 | 1 33 | 21 9 | 7 16 | 0 39 | 0 41 | 9 41 | 14 58 | 6 37 |
| T 22 | 23 23 | 18 21 | 4 58 | 23 50 | 1 59 | 18 24 | 1 29 | 7 48 | 0 56 | 8 19 | 1 12 | 21 13 | 1 42 | 18 52 | 0 16 | 7 29 | 1 33 | 21 9 | 7 16 | 0 45 | 0 42 | 9 39 | 14 57 | 6 36 |
| W23 | 23 23 | 17 39 | 4 44 | 23 34 | 1 52 | 18 6 | 1 21 | 7 30 | 0 55 | 8 22 | 1 12 | 21 12 | 1 42 | 18 52 | 0 16 | 7 30 | 1 33 | 21 10 | 7 16 | 0 51 | 0 43 | 9 38 | 14 57 | 6 36 |
| T 24 | 23 22 | 16 9 | 4 18 | 23 16 | 1 45 | 17 47 | 1 13 | 7 12 | 0 53 | 8 24 | 1 13 | 21 12 | 1 41 | 18 51 | 0 16 | 7 30 | 1 33 | 21 10 | 7 17 | 0 56 | 0 45 | 9 36 | 14 56 | 6 36 |
| F 25 | 23 21 | 13 57 | 3 39 | 22 58 | 1 37 | 17 29 | 1 5 | 6 54 | 0 52 | 8 27 | 1 13 | 21 12 | 1 41 | 18 51 | 0 16 | 7 30 | 1 33 | 21 11 | 7 17 | 1 0 | 0 46 | 9 35 | 14 55 | 6 36 |
| S 26 | 23 19 | 11 12 | 2 52 | 22 39 | 1 27 | 17 11 | 0 56 | 6 36 | 0 51 | 8 30 | 1 13 | 21 11 | 1 41 | 18 51 | 0 16 | 7 31 | 1 33 | 21 11 | 7 17 | 1 3 | 0 47 | 9 33 | 14 55 | 6 36 |
| S 27 | 23 17 | 8 0 | 1 57 | 22 20 | 1 17 | 16 52 | 0 47 | 6 18 | 0 49 | 8 33 | 1 13 | 21 11 | 1 41 | 18 50 | 0 16 | 7 31 | 1 33 | 21 12 | 7 17 | 1 4 | 0 48 | 9 31 | 14 54 | 6 36 |
| M28 | 23 15 | 4 30 | 0 58 | 22 1 | 1 5 | 16 34 | 0 38 | 6 0 | 0 48 | 8 35 | 1 13 | 21 11 | 1 41 | 18 50 | 0 16 | 7 31 | 1 33 | 21 12 | 7 18 | 1 5 | 0 50 | 9 30 | 14 53 | 6 35 |
| T 29 | 23 12 | 0 49 | 0s 5 | 21 41 | 0 52 | 16 16 | 0 28 | 5 42 | 0 47 | 8 38 | 1 14 | 21 11 | 1 41 | 18 49 | 0 16 | 7 32 | 1 33 | 21 13 | 7 18 | 1 5 | 0 51 | 9 28 | 14 52 | 6 35 |
| W30 | 23 8 | 2n58 | 1 8 | 21 23 | 0 38 | 15 58 | 0 18 | 5 23 | 0 46 | 8 40 | 1 14 | 21 10 | 1 41 | 18 49 | 0 16 | 7 32 | 1 33 | 21 13 | 7 18 | 1 5 | 0 52 | 9 27 | 14 51 | 6 35 |
| T 31 | 23s 4 | 6n41 | 2s 9 | 21s 4 | 0s22 | 15s40 | 0s 8 | 5s 5 | 0s44 | 8s43 | 1n14 | 21n10 | 1s40 | 18n49 | 0s16 | 7s32 | 1n33 | 21n14 | 7n18 | 1n 6 | 0n53 | 9s25 | 14s51 | 6n35 |

Julian Day Number = 2613681.5, Delta T = 10m51s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'49, Lahiri = 30°03'49


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## JANUARY 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 41 46 | 10♑ 6'14 | 4♉56 | 27°R 6 | 17♒58 | 19♓34 | 25♎42 | 17°R54 | 25°R23 | 23♎10 | 21°R25 | 27°R12 | 27♍42 | 29♒17 | 23♑37 | F 1 |
| S 2 | 6 45 42 | 11° 7'19 | 17°55 | 27♑ 2 | 18°21 | 20°18 | 25°49 | 17♊50 | 25♉21 | 23°11 | 21♌24 | 27♍ 7 | 27°39 | 29°23 | 23°43 | S 2 |
| S 3 | 6 49 39 | 12° 8'25 | 1♊21 | 26°46 | 18°42 | 21° 2 | 25°56 | 17°46 | 25°20 | 23°12 | 21°23 | 27° 0 | 27°36 | 29°30 | 23°49 | S 3 |
| M 4 | 6 53 35 | 13° 9'30 | 15°15 | 26°18 | 19° 2 | 21°45 | 26° 3 | 17°41 | 25°18 | 23°13 | 21°22 | 26°50 | 27°33 | 29°37 | 23°55 | M 4 |
| T 5 | 6 57 32 | 14°10'36 | 29°36 | 25°38 | 19°19 | 22°29 | 26° 9 | 17°37 | 25°17 | 23°13 | 21°21 | 26°39 | 27°30 | 29°43 | 24° 0 | T 5 |
| W 6 | 7 1 29 | 15°11'42 | 14♋17 | 24°47 | 19°34 | 23°13 | 26°16 | 17°33 | 25°16 | 23°14 | 21°20 | 26°27 | 27°26 | 29°50 | 24° 6 | W 6 |
| T 7 | 7 5 25 | 16°12'48 | 29°11 | 23°46 | 19°47 | 23°57 | 26°22 | 17°29 | 25°14 | 23°15 | 21°18 | 26°17 | 27°23 | 29°57 | 24°12 | T 7 |
| F 8 | 7 9 22 | 17°13'54 | 14♌ 8 | 22°37 | 19°58 | 24°41 | 26°28 | 17°25 | 25°13 | 23°15 | 21°17 | 26° 9 | 27°20 | 0♓ 3 | 24°18 | F 8 |
| S 9 | 7 13 18 | 18°15'01 | 29° 0 | 21°21 | 20° 6 | 25°24 | 26°34 | 17°21 | 25°12 | 23°16 | 21°16 | 26° 3 | 27°17 | 0°10 | 24°24 | S 9 |
| S 10 | 7 17 15 | 19°16'08 | 13♍40 | 20° 1 | 20°12 | 26° 8 | 26°40 | 17°18 | 25°11 | 23°16 | 21°15 | 26° 1 | 27°14 | 0°17 | 24°30 | S 10 |
| M11 | 7 21 11 | 20°17'15 | 28° 3 | 18°39 | 20°16 | 26°52 | 26°46 | 17°14 | 25° 9 | 23°17 | 21°14 | 26°D 0 | 27°11 | 0°23 | 24°36 | M11 |
| T 12 | 7 25 8 | 21°18'22 | 12♎ 7 | 17°19 | 20°R17 | 27°36 | 26°52 | 17°10 | 25° 8 | 23°17 | 21°13 | 26° 0 | 27° 7 | 0°30 | 24°41 | T 12 |
| W13 | 7 29 4 | 22°19'30 | 25°51 | 16° 3 | 20°16 | 28°20 | 26°57 | 17° 7 | 25° 7 | 23°17 | 21°12 | 26°R 1 | 27° 4 | 0°37 | 24°47 | W13 |
| T 14 | 7 33 1 | 23°20'38 | 9♏17 | 14°52 | 20°13 | 29° 3 | 27° 2 | 17° 3 | 25° 6 | 23°18 | 21°10 | 25°59 | 27° 1 | 0°43 | 24°53 | T 14 |
| F 15 | 7 36 58 | 24°21'46 | 22°28 | 13°50 | 20° 7 | 29°47 | 27° 8 | 17° 0 | 25° 5 | 23°18 | 21° 9 | 25°56 | 26°58 | 0°50 | 24°59 | F 15 |
| S 16 | 7 40 54 | 25°22'54 | 5♐24 | 12°55 | 19°58 | 0♈31 | 27°12 | 16°56 | 25° 4 | 23°19 | 21° 8 | 25°50 | 26°55 | 0°57 | 25° 5 | S 16 |
| S 17 | 7 44 51 | 26°24'03 | 18° 7 | 12°11 | 19°47 | 1°15 | 27°17 | 16°53 | 25° 4 | 23°19 | 21° 7 | 25°41 | 26°51 | 1° 3 | 25°11 | S 17 |
| M18 | 7 48 47 | 27°25'11 | 0♑40 | 11°36 | 19°34 | 1°59 | 27°22 | 16°50 | 25° 3 | 23°19 | 21° 5 | 25°30 | 26°48 | 1°10 | 25°17 | M18 |
| T 19 | 7 52 44 | 28°26'19 | 13° 2 | 11°12 | 19°18 | 2°42 | 27°26 | 16°47 | 25° 2 | 23°19 | 21° 4 | 25°19 | 26°45 | 1°17 | 25°23 | T 19 |
| W20 | 7 56 40 | 29°27'27 | 25°14 | 10°57 | 18°59 | 3°26 | 27°31 | 16°44 | 25° 1 | 23°19 | 21° 3 | 25° 8 | 26°42 | 1°23 | 25°28 | W20 |
| T 21 | 8 0 37 | 0♒28'35 | 7♒18 | 10°D51 | 18°39 | 4°10 | 27°35 | 16°41 | 25° 1 | 23°20 | 21° 1 | 24°58 | 26°39 | 1°30 | 25°34 | T 21 |
| F 22 | 8 4 33 | 1°29'42 | 19°14 | 10°54 | 18°16 | 4°54 | 27°39 | 16°38 | 25° 0 | 23°20 | 21° 0 | 24°49 | 26°36 | 1°37 | 25°40 | F 22 |
| S 23 | 8 8 30 | 2°30'49 | 1♓ 4 | 11° 5 | 17°50 | 5°37 | 27°42 | 16°36 | 25° 0 | 23°20 | 20°59 | 24°44 | 26°32 | 1°43 | 25°46 | S 23 |
| S 24 | 8 12 27 | 3°31'55 | 12°51 | 11°23 | 17°23 | 6°21 | 27°46 | 16°33 | 24°59 | 23°R20 | 20°58 | 24°41 | 26°29 | 1°50 | 25°52 | S 24 |
| M25 | 8 16 23 | 4°33'01 | 24°37 | 11°48 | 16°54 | 7° 5 | 27°50 | 16°31 | 24°59 | 23°20 | 20°56 | 24°D40 | 26°26 | 1°56 | 25°58 | M25 |
| T 26 | 8 20 20 | 5°34'05 | 6♈27 | 12°19 | 16°23 | 7°48 | 27°53 | 16°28 | 24°58 | 23°20 | 20°55 | 24°40 | 26°23 | 2° 3 | 26° 3 | T 26 |
| W27 | 8 24 16 | 6°35'09 | 18°26 | 12°56 | 15°51 | 8°32 | 27°56 | 16°26 | 24°58 | 23°20 | 20°53 | 24°42 | 26°20 | 2°10 | 26° 9 | W27 |
| T 28 | 8 28 13 | 7°36'12 | 0♉37 | 13°37 | 15°17 | 9°16 | 27°59 | 16°24 | 24°58 | 23°20 | 20°52 | 24°43 | 26°17 | 2°16 | 26°15 | T 28 |
| F 29 | 8 32 9 | 8°37'15 | 13° 6 | 14°24 | 14°42 | 9°59 | 28° 1 | 16°22 | 24°57 | 23°19 | 20°51 | 24°R43 | 26°13 | 2°23 | 26°21 | F 29 |
| S 30 | 8 36 6 | 9°38'16 | 25°59 | 15°14 | 14° 6 | 10°43 | 28° 4 | 16°20 | 24°57 | 23°19 | 20°49 | 24°42 | 26°10 | 2°30 | 26°26 | S 30 |
| S 31 | 8 40 2 | 10♒39'16 | 9♊19 | 16♑ 8 | 13♒30 | 11♈26 | 28♎ 6 | 16♊18 | 24♉57 | 23♎19 | 20♌48 | 24♍38 | 26♍ 7 | 2♓36 | 26♑32 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23s 0 | 10n13 | 3s 6 | 20s47 | 0s 6 | 15s22 | 0n 3 | 4s47 | 0s43 | 8s45 | 1n14 | 21n10 | 1s40 | 18n48 | 0s16 | 7s32 | 1n33 | 21n14 | 7n18 | 1n 7 | 0n55 | 9s24 | 14s50 | 6n35 |
| S 2 | 22 55 | 13 22 | 3 55 | 20 30 | 0n12 | 15 5 | 0 14 | 4 29 | 0 42 | 8 48 | 1 14 | 21 10 | 1 40 | 18 48 | 0 16 | 7 33 | 1 33 | 21 15 | 7 19 | 1 9 | 0 56 | 9 22 | 14 49 | 6 35 |
| S 3 | 22 50 | 15 56 | 4 33 | 20 15 | 0 30 | 14 47 | 0 25 | 4 10 | 0 40 | 8 50 | 1 15 | 21 10 | 1 40 | 18 48 | 0 16 | 7 33 | 1 33 | 21 15 | 7 19 | 1 12 | 0 57 | 9 21 | 14 48 | 6 35 |
| M 4 | 22 44 | 17 40 | 4 56 | 20 2 | 0 49 | 14 30 | 0 37 | 3 52 | 0 39 | 8 52 | 1 15 | 21 9 | 1 40 | 18 47 | 0 16 | 7 33 | 1 33 | 21 16 | 7 19 | 1 15 | 0 58 | 9 19 | 14 47 | 6 35 |
| T 5 | 22 38 | 18 21 | 5 2 | 19 50 | 1 9 | 14 13 | 0 49 | 3 33 | 0 38 | 8 54 | 1 15 | 21 9 | 1 40 | 18 47 | 0 16 | 7 33 | 1 33 | 21 16 | 7 19 | 1 20 | 1 0 | 9 17 | 14 46 | 6 35 |
| W 6 | 22 31 | 17 51 | 4 48 | 19 40 | 1 28 | 13 57 | 1 1 | 3 15 | 0 37 | 8 57 | 1 15 | 21 9 | 1 39 | 18 47 | 0 16 | 7 33 | 1 33 | 21 17 | 7 19 | 1 24 | 1 1 | 9 16 | 14 45 | 6 35 |
| T 7 | 22 24 | 16 7 | 4 14 | 19 32 | 1 47 | 13 41 | 1 14 | 2 57 | 0 36 | 8 59 | 1 15 | 21 9 | 1 39 | 18 46 | 0 16 | 7 34 | 1 33 | 21 17 | 7 20 | 1 29 | 1 2 | 9 14 | 14 44 | 6 35 |
| F 8 | 22 16 | 13 18 | 3 23 | 19 25 | 2 6 | 13 25 | 1 27 | 2 38 | 0 34 | 9 1 | 1 16 | 21 9 | 1 39 | 18 46 | 0 16 | 7 34 | 1 34 | 21 18 | 7 20 | 1 32 | 1 3 | 9 13 | 14 43 | 6 35 |
| S 9 | 22 8 | 9 38 | 2 18 | 19 21 | 2 23 | 13 10 | 1 40 | 2 20 | 0 33 | 9 3 | 1 16 | 21 8 | 1 39 | 18 46 | 0 16 | 7 34 | 1 34 | 21 19 | 7 20 | 1 34 | 1 5 | 9 11 | 14 43 | 6 34 |
| S 10 | 22 0 | 5 24 | 1 5 | 19 17 | 2 38 | 12 55 | 1 54 | 2 1 | 0 32 | 9 5 | 1 16 | 21 8 | 1 39 | 18 46 | 0 16 | 7 34 | 1 34 | 21 19 | 7 20 | 1 35 | 1 6 | 9 9 | 14 42 | 6 34 |
| M11 | 21 51 | 0 57 | 0n11 | 19 16 | 2 51 | 12 40 | 2 8 | 1 43 | 0 31 | 9 6 | 1 16 | 21 8 | 1 38 | 18 45 | 0 16 | 7 34 | 1 34 | 21 20 | 7 20 | 1 35 | 1 7 | 9 8 | 14 41 | 6 34 |
| T 12 | 21 42 | 3s28 | 1 25 | 19 16 | 3 1 | 12 26 | 2 22 | 1 24 | 0 30 | 9 8 | 1 17 | 21 8 | 1 38 | 18 45 | 0 15 | 7 34 | 1 34 | 21 20 | 7 21 | 1 35 | 1 8 | 9 6 | 14 40 | 6 34 |
| W13 | 21 32 | 7 36 | 2 32 | 19 17 | 3 9 | 12 13 | 2 37 | 1 6 | 0 28 | 9 10 | 1 17 | 21 8 | 1 38 | 18 45 | 0 15 | 7 34 | 1 34 | 21 21 | 7 21 | 1 35 | 1 10 | 9 5 | 14 39 | 6 34 |
| T 14 | 21 22 | 11 14 | 3 30 | 19 19 | 3 15 | 12 0 | 2 51 | 0 47 | 0 27 | 9 12 | 1 17 | 21 8 | 1 38 | 18 45 | 0 15 | 7 35 | 1 34 | 21 21 | 7 21 | 1 35 | 1 11 | 9 3 | 14 38 | 6 34 |
| F 15 | 21 11 | 14 14 | 4 15 | 19 23 | 3 18 | 11 48 | 3 6 | 0 29 | 0 26 | 9 13 | 1 17 | 21 8 | 1 38 | 18 44 | 0 15 | 7 35 | 1 34 | 21 22 | 7 21 | 1 37 | 1 12 | 9 2 | 14 37 | 6 34 |
| S 16 | 21 1 | 16 28 | 4 46 | 19 27 | 3 19 | 11 36 | 3 21 | 0 11 | 0 25 | 9 15 | 1 17 | 21 7 | 1 37 | 18 44 | 0 15 | 7 35 | 1 34 | 21 22 | 7 21 | 1 39 | 1 14 | 9 0 | 14 36 | 6 34 |
| S 17 | 20 49 | 17 50 | 5 2 | 19 32 | 3 18 | 11 25 | 3 37 | 0n 8 | 0 24 | 9 16 | 1 18 | 21 7 | 1 37 | 18 44 | 0 15 | 7 35 | 1 34 | 21 23 | 7 21 | 1 43 | 1 15 | 8 58 | 14 35 | 6 34 |
| M18 | 20 37 | 18 19 | 5 3 | 19 39 | 3 15 | 11 14 | 3 52 | 0 26 | 0 23 | 9 18 | 1 18 | 21 7 | 1 37 | 18 44 | 0 15 | 7 35 | 1 34 | 21 24 | 7 22 | 1 47 | 1 16 | 8 57 | 14 33 | 6 34 |
| T 19 | 20 25 | 17 56 | 4 50 | 19 45 | 3 10 | 11 5 | 4 7 | 0 45 | 0 22 | 9 19 | 1 18 | 21 7 | 1 37 | 18 44 | 0 15 | 7 35 | 1 34 | 21 24 | 7 22 | 1 51 | 1 17 | 8 55 | 14 32 | 6 35 |
| W20 | 20 13 | 16 42 | 4 24 | 19 53 | 3 4 | 10 56 | 4 22 | 1 3 | 0 20 | 9 20 | 1 18 | 21 7 | 1 37 | 18 44 | 0 15 | 7 35 | 1 34 | 21 25 | 7 22 | 1 56 | 1 19 | 8 54 | 14 31 | 6 35 |
| T 21 | 20 0 | 14 45 | 3 46 | 20 0 | 2 57 | 10 48 | 4 38 | 1 21 | 0 19 | 9 22 | 1 19 | 21 7 | 1 36 | 18 43 | 0 15 | 7 35 | 1 34 | 21 25 | 7 22 | 2 0 | 1 20 | 8 52 | 14 30 | 6 35 |
| F 22 | 19 47 | 12 11 | 2 59 | 20 8 | 2 49 | 10 40 | 4 53 | 1 40 | 0 18 | 9 23 | 1 19 | 21 7 | 1 36 | 18 43 | 0 15 | 7 35 | 1 34 | 21 26 | 7 22 | 2 3 | 1 21 | 8 50 | 14 29 | 6 35 |
| S 23 | 19 33 | 9 8 | 2 4 | 20 16 | 2 40 | 10 34 | 5 8 | 1 58 | 0 17 | 9 24 | 1 19 | 21 7 | 1 36 | 18 43 | 0 15 | 7 35 | 1 34 | 21 26 | 7 22 | 2 5 | 1 22 | 8 49 | 14 28 | 6 35 |
| S 24 | 19 19 | 5 45 | 1 3 | 20 23 | 2 31 | 10 28 | 5 22 | 2 16 | 0 16 | 9 25 | 1 19 | 21 7 | 1 36 | 18 43 | 0 15 | 7 35 | 1 34 | 21 27 | 7 23 | 2 7 | 1 24 | 8 47 | 14 27 | 6 35 |
| M25 | 19 5 | 2 8 | 0 0 | 20 31 | 2 21 | 10 23 | 5 37 | 2 34 | 0 15 | 9 26 | 1 20 | 21 7 | 1 35 | 18 43 | 0 15 | 7 35 | 1 35 | 21 28 | 7 23 | 2 7 | 1 25 | 8 46 | 14 26 | 6 35 |
| T 26 | 18 50 | 1n35 | 1s 3 | 20 38 | 2 11 | 10 18 | 5 50 | 2 52 | 0 14 | 9 27 | 1 20 | 21 7 | 1 35 | 18 43 | 0 15 | 7 35 | 1 35 | 21 28 | 7 23 | 2 7 | 1 26 | 8 44 | 14 25 | 6 35 |
| W27 | 18 35 | 5 17 | 2 5 | 20 45 | 2 1 | 10 15 | 6 4 | 3 11 | 0 13 | 9 28 | 1 20 | 21 7 | 1 35 | 18 43 | 0 15 | 7 34 | 1 35 | 21 29 | 7 23 | 2 6 | 1 27 | 8 42 | 14 24 | 6 35 |
| T 28 | 18 19 | 8 49 | 3 2 | 20 51 | 1 51 | 10 12 | 6 17 | 3 29 | 0 12 | 9 29 | 1 20 | 21 7 | 1 35 | 18 43 | 0 15 | 7 34 | 1 35 | 21 29 | 7 23 | 2 6 | 1 29 | 8 41 | 14 22 | 6 35 |
| F 29 | 18 4 | 12 2 | 3 52 | 20 56 | 1 41 | 10 10 | 6 29 | 3 47 | 0 11 | 9 29 | 1 21 | 21 7 | 1 35 | 18 43 | 0 15 | 7 34 | 1 35 | 21 30 | 7 23 | 2 6 | 1 30 | 8 39 | 14 21 | 6 35 |
| S 30 | 17 48 | 14 47 | 4 32 | 21 1 | 1 30 | 10 9 | 6 41 | 4 5 | 0 10 | 9 30 | 1 21 | 21 7 | 1 34 | 18 43 | 0 15 | 7 34 | 1 35 | 21 30 | 7 23 | 2 6 | 1 31 | 8 37 | 14 20 | 6 36 |
| S 31 | 17s31 | 16n52 | 4s59 | 21s 5 | 1n20 | 10s 9 | 6n52 | 4n23 | 0s 9 | 9s31 | 1n21 | 21n 7 | 1s34 | 18n43 | 0s15 | 7s34 | 1n35 | 21n31 | 7n23 | 2n 8 | 1n32 | 8s36 | 14s19 | 6n36 |

Julian Day Number = 2613712.5, Delta T = 10m51s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'53, Lahiri = 30°03'54


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## FEBRUARY 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 43 59 | 11♒40'16 | 23♊ 9 | 17♉ 5 | 12°R53 | 12♈10 | 28♎ 8 | 16°R16 | 24°R57 | 23°R19 | 20°R47 | 24°R33 | 26♍ 4 | 2♓43 | 26♉38 | M 1 |
| T 2 | 8 47 56 | 12°41'14 | 7♋27 | 18° 5 | 12♒16 | 12°53 | 28°10 | 16♊14 | 24°D57 | 23♎19 | 20♌45 | 24♍27 | 26° 1 | 2°50 | 26°44 | T 2 |
| W 3 | 8 51 52 | 13°42'12 | 22°11 | 19° 8 | 11°39 | 13°37 | 28°12 | 16°13 | 24♉57 | 23°18 | 20°44 | 24°20 | 25°57 | 2°56 | 26°49 | W 3 |
| T 4 | 8 55 49 | 14°43'08 | 7♌14 | 20°14 | 11° 2 | 14°20 | 28°14 | 16°11 | 24°57 | 23°18 | 20°42 | 24°14 | 25°54 | 3° 3 | 26°55 | T 4 |
| F 5 | 8 59 45 | 15°44'04 | 22°27 | 21°22 | 10°26 | 15° 4 | 28°15 | 16°10 | 24°57 | 23°18 | 20°41 | 24° 9 | 25°51 | 3°10 | 27° 1 | F 5 |
| S 6 | 9 3 42 | 16°44'58 | 7♍39 | 22°32 | 9°51 | 15°47 | 28°16 | 16° 9 | 24°57 | 23°17 | 20°40 | 24° 6 | 25°48 | 3°16 | 27° 6 | S 6 |
| S 7 | 9 7 38 | 17°45'52 | 22°41 | 23°44 | 9°16 | 16°31 | 28°17 | 16° 8 | 24°58 | 23°17 | 20°38 | 24°D 5 | 25°45 | 3°23 | 27°12 | S 7 |
| M 8 | 9 11 35 | 18°46'45 | 7♎24 | 24°57 | 8°44 | 17°14 | 28°18 | 16° 7 | 24°58 | 23°16 | 20°37 | 24° 6 | 25°42 | 3°30 | 27°17 | M 8 |
| T 9 | 9 15 31 | 19°47'37 | 21°45 | 26°12 | 8°13 | 17°57 | 28°19 | 16° 6 | 24°58 | 23°16 | 20°35 | 24° 7 | 25°38 | 3°36 | 27°23 | T 9 |
| W10 | 9 19 28 | 20°48'29 | 5♏41 | 27°29 | 7°43 | 18°41 | 28°19 | 16° 5 | 24°59 | 23°15 | 20°34 | 24° 9 | 25°35 | 3°43 | 27°28 | W10 |
| T 11 | 9 23 25 | 21°49'20 | 19°13 | 28°47 | 7°15 | 19°24 | 28°20 | 16° 5 | 24°59 | 23°15 | 20°32 | 24°R10 | 25°32 | 3°50 | 27°34 | T 11 |
| F 12 | 9 27 21 | 22°50'10 | 2♐22 | 0♒ 7 | 6°50 | 20° 7 | 28°R20 | 16° 4 | 25° 0 | 23°14 | 20°31 | 24° 9 | 25°29 | 3°56 | 27°39 | F 12 |
| S 13 | 9 31 18 | 23°50'59 | 15°12 | 1°28 | 6°26 | 20°51 | 28°20 | 16° 4 | 25° 0 | 23°13 | 20°30 | 24° 7 | 25°26 | 4° 3 | 27°45 | S 13 |
| S 14 | 9 35 14 | 24°51'47 | 27°45 | 2°50 | 6° 5 | 21°34 | 28°19 | 16° 3 | 25° 1 | 23°13 | 20°28 | 24° 4 | 25°23 | 4°10 | 27°50 | S 14 |
| M15 | 9 39 11 | 25°52'35 | 10♑ 5 | 4°13 | 5°46 | 22°17 | 28°19 | 16° 3 | 25° 1 | 23°12 | 20°27 | 24° 0 | 25°19 | 4°16 | 27°55 | M15 |
| T 16 | 9 43 7 | 26°53'21 | 22°13 | 5°37 | 5°30 | 23° 0 | 28°18 | 16°D 3 | 25° 2 | 23°11 | 20°25 | 23°55 | 25°16 | 4°23 | 28° 1 | T 16 |
| W17 | 9 47 4 | 27°54'06 | 4♒14 | 7° 2 | 5°16 | 23°43 | 28°17 | 16° 3 | 25° 3 | 23°11 | 20°24 | 23°50 | 25°13 | 4°30 | 28° 6 | W17 |
| T 18 | 9 51 0 | 28°54'51 | 16° 8 | 8°28 | 5° 5 | 24°26 | 28°16 | 16° 3 | 25° 4 | 23°10 | 20°23 | 23°46 | 25°10 | 4°36 | 28°11 | T 18 |
| F 19 | 9 54 57 | 29°55'33 | 27°58 | 9°56 | 4°56 | 25°10 | 28°15 | 16° 3 | 25° 4 | 23° 9 | 20°21 | 23°42 | 25° 7 | 4°43 | 28°17 | F 19 |
| S 20 | 9 58 54 | 0♓56'15 | 9♓46 | 11°24 | 4°49 | 25°53 | 28°14 | 16° 4 | 25° 5 | 23° 8 | 20°20 | 23°40 | 25° 3 | 4°50 | 28°22 | S 20 |
| S 21 | 10 2 50 | 1°56'55 | 21°33 | 12°53 | 4°45 | 26°36 | 28°12 | 16° 4 | 25° 6 | 23° 7 | 20°18 | 23°D39 | 25° 0 | 4°56 | 28°27 | S 21 |
| M22 | 10 6 47 | 2°57'33 | 3♈23 | 14°23 | 4°D43 | 27°19 | 28°10 | 16° 5 | 25° 7 | 23° 6 | 20°17 | 23°40 | 24°57 | 5° 3 | 28°32 | M22 |
| T 23 | 10 10 43 | 3°58'11 | 15°17 | 15°54 | 4°44 | 28° 2 | 28° 8 | 16° 6 | 25° 8 | 23° 5 | 20°16 | 23°41 | 24°54 | 5° 9 | 28°37 | T 23 |
| W24 | 10 14 40 | 4°58'46 | 27°19 | 17°26 | 4°47 | 28°45 | 28° 6 | 16° 6 | 25°10 | 23° 5 | 20°14 | 23°43 | 24°51 | 5°16 | 28°42 | W24 |
| T 25 | 10 18 36 | 5°59'20 | 9♉33 | 18°59 | 4°53 | 29°28 | 28° 4 | 16° 7 | 25°11 | 23° 4 | 20°13 | 23°44 | 24°48 | 5°23 | 28°47 | T 25 |
| F 26 | 10 22 33 | 6°59'52 | 22° 3 | 20°33 | 5° 0 | 0♉10 | 28° 1 | 16° 8 | 25°12 | 23° 3 | 20°11 | 23°45 | 24°44 | 5°29 | 28°52 | F 26 |
| S 27 | 10 26 29 | 8° 0'22 | 4♊52 | 22° 8 | 5°10 | 0°53 | 27°58 | 16°10 | 25°13 | 23° 2 | 20°10 | 23°R46 | 24°41 | 5°36 | 28°57 | S 27 |
| S 28 | 10 30 26 | 9° 0'51 | 18° 4 | 23°43 | 5°22 | 1°36 | 27°56 | 16°11 | 25°15 | 23° 0 | 20° 9 | 23°46 | 24°38 | 5°43 | 29° 2 | S 28 |
| M29 | 10 34 22 | 10♓ 1'18 | 1♋43 | 25♒20 | 5♒37 | 2♉19 | 27♎52 | 16♊12 | 25♉16 | 22♎59 | 20♌ 7 | 23♍45 | 24♍35 | 5♓49 | 29♉ 7 | M29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s15 | 18n 3 | 5s10 | 21s 8 | 1n10 | 10s 9 | 7n 2 | 4n41 | 0s 8 | 9s31 | 1n21 | 21n 7 | 1s34 | 18n43 | 0s15 | 7s34 | 1n35 | 21n32 | 7n23 | 2n10 | 1n34 | 8s34 | 14s18 | 6n36 |
| T 2 | 16 58 | 18 9 | 5 2 | 21 10 | 1 0 | 10 10 | 7 11 | 4 58 | 0 7 | 9 32 | 1 22 | 21 7 | 1 34 | 18 43 | 0 15 | 7 34 | 1 35 | 21 32 | 7 24 | 2 12 | 1 35 | 8 33 | 14 17 | 6 36 |
| W 3 | 16 40 | 17 2 | 4 34 | 21 12 | 0 50 | 10 12 | 7 20 | 5 16 | 0 6 | 9 32 | 1 22 | 21 7 | 1 33 | 18 43 | 0 15 | 7 34 | 1 35 | 21 33 | 7 24 | 2 15 | 1 36 | 8 31 | 14 15 | 6 36 |
| T 4 | 16 23 | 14 45 | 3 47 | 21 12 | 0 40 | 10 14 | 7 28 | 5 34 | 0 5 | 9 32 | 1 22 | 21 7 | 1 33 | 18 43 | 0 15 | 7 33 | 1 35 | 21 33 | 7 24 | 2 17 | 1 37 | 8 29 | 14 14 | 6 36 |
| F 5 | 16 5 | 11 25 | 2 44 | 21 11 | 0 31 | 10 17 | 7 35 | 5 52 | 0 4 | 9 33 | 1 22 | 21 7 | 1 33 | 18 43 | 0 15 | 7 33 | 1 35 | 21 34 | 7 24 | 2 19 | 1 39 | 8 28 | 14 13 | 6 36 |
| S 6 | 15 47 | 7 19 | 1 29 | 21 9 | 0 21 | 10 20 | 7 41 | 6 9 | 0 3 | 9 33 | 1 22 | 21 8 | 1 33 | 18 43 | 0 15 | 7 33 | 1 35 | 21 34 | 7 24 | 2 20 | 1 40 | 8 26 | 14 12 | 6 37 |
| S 7 | 15 28 | 2 47 | 0 8 | 21 6 | 0 12 | 10 24 | 7 46 | 6 27 | 0 2 | 9 33 | 1 23 | 21 8 | 1 32 | 18 43 | 0 15 | 7 33 | 1 35 | 21 35 | 7 24 | 2 21 | 1 41 | 8 25 | 14 10 | 6 37 |
| M 8 | 15 9 | 1s50 | 1n12 | 21 2 | 0 3 | 10 28 | 7 50 | 6 44 | 0 1 | 9 33 | 1 23 | 21 8 | 1 32 | 18 43 | 0 15 | 7 33 | 1 35 | 21 35 | 7 24 | 2 20 | 1 42 | 8 23 | 14 9 | 6 37 |
| T 9 | 14 51 | 6 12 | 2 26 | 20 57 | 0s 6 | 10 33 | 7 53 | 7 2 | 0 0 | 9 33 | 1 23 | 21 8 | 1 32 | 18 43 | 0 15 | 7 32 | 1 35 | 21 36 | 7 24 | 2 20 | 1 44 | 8 21 | 14 8 | 6 37 |
| W10 | 14 31 | 10 7 | 3 28 | 20 51 | 0 14 | 10 38 | 7 55 | 7 19 | 0n 1 | 9 33 | 1 23 | 21 8 | 1 32 | 18 43 | 0 15 | 7 32 | 1 35 | 21 37 | 7 24 | 2 19 | 1 45 | 8 20 | 14 7 | 6 37 |
| T 11 | 14 12 | 13 22 | 4 17 | 20 43 | 0 22 | 10 43 | 7 57 | 7 36 | 0 2 | 9 33 | 1 24 | 21 8 | 1 31 | 18 43 | 0 15 | 7 32 | 1 35 | 21 37 | 7 24 | 2 19 | 1 46 | 8 18 | 14 5 | 6 38 |
| F 12 | 13 52 | 15 49 | 4 51 | 20 34 | 0 30 | 10 49 | 7 57 | 7 53 | 0 3 | 9 33 | 1 24 | 21 8 | 1 31 | 18 44 | 0 15 | 7 32 | 1 36 | 21 38 | 7 24 | 2 19 | 1 47 | 8 16 | 14 4 | 6 38 |
| S 13 | 13 32 | 17 26 | 5 10 | 20 24 | 0 38 | 10 54 | 7 57 | 8 10 | 0 4 | 9 33 | 1 24 | 21 9 | 1 31 | 18 44 | 0 15 | 7 31 | 1 36 | 21 38 | 7 25 | 2 20 | 1 49 | 8 15 | 14 3 | 6 38 |
| S 14 | 13 12 | 18 9 | 5 13 | 20 13 | 0 46 | 11 0 | 7 56 | 8 27 | 0 5 | 9 32 | 1 24 | 21 9 | 1 31 | 18 44 | 0 15 | 7 31 | 1 36 | 21 39 | 7 25 | 2 21 | 1 50 | 8 13 | 14 2 | 6 38 |
| M15 | 12 52 | 18 0 | 5 1 | 20 1 | 0 53 | 11 6 | 7 54 | 8 44 | 0 5 | 9 32 | 1 25 | 21 9 | 1 30 | 18 44 | 0 15 | 7 31 | 1 36 | 21 39 | 7 25 | 2 23 | 1 51 | 8 12 | 14 0 | 6 39 |
| T 16 | 12 31 | 17 0 | 4 36 | 19 47 | 1 0 | 11 12 | 7 52 | 9 1 | 0 6 | 9 31 | 1 25 | 21 9 | 1 30 | 18 44 | 0 15 | 7 30 | 1 36 | 21 40 | 7 25 | 2 25 | 1 53 | 8 10 | 13 59 | 6 39 |
| W17 | 12 10 | 15 16 | 3 59 | 19 32 | 1 6 | 11 18 | 7 49 | 9 18 | 0 7 | 9 31 | 1 25 | 21 10 | 1 30 | 18 44 | 0 15 | 7 30 | 1 36 | 21 40 | 7 25 | 2 27 | 1 54 | 8 8 | 13 58 | 6 39 |
| T 18 | 11 49 | 12 54 | 3 12 | 19 16 | 1 13 | 11 25 | 7 46 | 9 34 | 0 8 | 9 30 | 1 25 | 21 10 | 1 30 | 18 45 | 0 15 | 7 30 | 1 36 | 21 41 | 7 25 | 2 28 | 1 55 | 8 7 | 13 57 | 6 39 |
| F 19 | 11 28 | 10 0 | 2 17 | 18 59 | 1 19 | 11 31 | 7 41 | 9 51 | 0 9 | 9 30 | 1 26 | 21 10 | 1 29 | 18 45 | 0 15 | 7 29 | 1 36 | 21 41 | 7 25 | 2 30 | 1 56 | 8 5 | 13 55 | 6 40 |
| S 20 | 11 7 | 6 43 | 1 16 | 18 40 | 1 24 | 11 37 | 7 37 | 10 7 | 0 10 | 9 29 | 1 26 | 21 10 | 1 29 | 18 45 | 0 15 | 7 29 | 1 36 | 21 42 | 7 25 | 2 30 | 1 58 | 8 3 | 13 54 | 6 40 |
| S 21 | 10 45 | 3 10 | 0 12 | 18 20 | 1 30 | 11 43 | 7 32 | 10 24 | 0 11 | 9 28 | 1 26 | 21 11 | 1 29 | 18 45 | 0 15 | 7 29 | 1 36 | 21 42 | 7 25 | 2 31 | 1 59 | 8 2 | 13 53 | 6 40 |
| M22 | 10 24 | 0n31 | 0s54 | 17 59 | 1 35 | 11 48 | 7 26 | 10 40 | 0 11 | 9 27 | 1 26 | 21 11 | 1 29 | 18 46 | 0 15 | 7 28 | 1 36 | 21 43 | 7 25 | 2 31 | 2 0 | 8 0 | 13 51 | 6 41 |
| T 23 | 10 2 | 4 12 | 1 57 | 17 37 | 1 40 | 11 54 | 7 20 | 10 56 | 0 12 | 9 26 | 1 27 | 21 11 | 1 28 | 18 46 | 0 15 | 7 28 | 1 36 | 21 43 | 7 25 | 2 30 | 2 1 | 7 58 | 13 50 | 6 41 |
| W24 | 9 40 | 7 45 | 2 56 | 17 13 | 1 44 | 11 59 | 7 14 | 11 12 | 0 13 | 9 25 | 1 27 | 21 12 | 1 28 | 18 46 | 0 15 | 7 28 | 1 36 | 21 44 | 7 25 | 2 30 | 2 3 | 7 57 | 13 49 | 6 41 |
| T 25 | 9 18 | 11 2 | 3 48 | 16 49 | 1 48 | 12 5 | 7 7 | 11 28 | 0 14 | 9 24 | 1 27 | 21 12 | 1 28 | 18 47 | 0 15 | 7 27 | 1 36 | 21 44 | 7 25 | 2 29 | 2 4 | 7 55 | 13 48 | 6 42 |
| F 26 | 8 55 | 13 53 | 4 30 | 16 23 | 1 52 | 12 10 | 7 0 | 11 44 | 0 15 | 9 23 | 1 27 | 21 12 | 1 28 | 18 47 | 0 15 | 7 27 | 1 36 | 21 44 | 7 25 | 2 28 | 2 5 | 7 54 | 13 46 | 6 42 |
| S 27 | 8 33 | 16 8 | 5 0 | 15 55 | 1 56 | 12 14 | 6 53 | 12 0 | 0 15 | 9 22 | 1 27 | 21 13 | 1 27 | 18 47 | 0 15 | 7 26 | 1 36 | 21 45 | 7 25 | 2 28 | 2 6 | 7 52 | 13 45 | 6 42 |
| S 28 | 8 10 | 17 36 | 5 16 | 15 27 | 1 59 | 12 19 | 6 46 | 12 15 | 0 16 | 9 21 | 1 28 | 21 13 | 1 27 | 18 48 | 0 14 | 7 26 | 1 36 | 21 45 | 7 25 | 2 28 | 2 8 | 7 50 | 13 44 | 6 43 |
| M29 | 7s48 | 18n 8 | 5s14 | 14s57 | 2s 1 | 12s23 | 6n38 | 12n31 | 0n17 | 9s19 | 1n28 | 21n13 | 1s27 | 18n48 | 0s14 | 7s25 | 1n36 | 21n46 | 7n25 | 2n29 | 2n 9 | 7s49 | 13s42 | 6n43 |

Julian Day Number = 2613743.5, Delta T = 10m52s
Ecliptic obliquity = 23°22'44, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°56'58, Lahiri = 30°03'58


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## MARCH 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 38 19 | 11♓ 1'42 | 15♋48 | 26♒57 | 5♒53 | 3♉ 2 | 27°R49 | 16♊14 | 25♉17 | 22°R58 | 20°R 6 | 23°R43 | 24♍32 | 5♓56 | 29♐11 | T 1 |
| W 2 | 10 42 16 | 12° 2'05 | 0♌20 | 28°36 | 6°11 | 3°44 | 27♎46 | 16°15 | 25°19 | 22♎57 | 20♌ 5 | 23♍42 | 24°28 | 6° 3 | 29°16 | W 2 |
| T 3 | 10 46 12 | 13° 2'26 | 15°13 | 0♓15 | 6°31 | 4°27 | 27°42 | 16°17 | 25°20 | 22°56 | 20° 4 | 23°41 | 24°25 | 6° 9 | 29°21 | T 3 |
| F 4 | 10 50 9 | 14° 2'46 | 0♍21 | 1°56 | 6°54 | 5°10 | 27°38 | 16°19 | 25°22 | 22°55 | 20° 2 | 23°40 | 24°22 | 6°16 | 29°25 | F 4 |
| S 5 | 10 54 5 | 15° 3'03 | 15°35 | 3°37 | 7°17 | 5°52 | 27°34 | 16°21 | 25°23 | 22°54 | 20° 1 | 23°39 | 24°19 | 6°23 | 29°30 | S 5 |
| S 6 | 10 58 2 | 16° 3'19 | 0♎46 | 5°19 | 7°43 | 6°35 | 27°30 | 16°23 | 25°25 | 22°52 | 20° 0 | 23°D39 | 24°16 | 6°29 | 29°35 | S 6 |
| M 7 | 11 1 58 | 17° 3'33 | 15°43 | 7° 3 | 8°10 | 7°17 | 27°26 | 16°25 | 25°27 | 22°51 | 19°59 | 23°39 | 24°13 | 6°36 | 29°39 | M 7 |
| T 8 | 11 5 55 | 18° 3'46 | 0♏20 | 8°47 | 8°39 | 8° 0 | 27°21 | 16°27 | 25°28 | 22°50 | 19°57 | 23°40 | 24° 9 | 6°43 | 29°43 | T 8 |
| W 9 | 11 9 51 | 19° 3'57 | 14°31 | 10°33 | 9°10 | 8°42 | 27°17 | 16°30 | 25°30 | 22°49 | 19°56 | 23°40 | 24° 6 | 6°49 | 29°48 | W 9 |
| T 10 | 11 13 48 | 20° 4'06 | 28°15 | 12°19 | 9°42 | 9°25 | 27°12 | 16°32 | 25°32 | 22°47 | 19°55 | 23°41 | 24° 3 | 6°56 | 29°52 | T 10 |
| F 11 | 11 17 45 | 21° 4'15 | 11♐32 | 14° 7 | 10°15 | 10° 7 | 27° 7 | 16°35 | 25°34 | 22°46 | 19°54 | 23°41 | 24° 0 | 7° 3 | 29°56 | F 11 |
| S 12 | 11 21 41 | 22° 4'21 | 24°25 | 15°55 | 10°50 | 10°50 | 27° 2 | 16°37 | 25°36 | 22°45 | 19°53 | 23°R41 | 23°57 | 7° 9 | 0♒ 1 | S 12 |
| S 13 | 11 25 38 | 23° 4'26 | 6♑57 | 17°45 | 11°26 | 11°32 | 26°57 | 16°40 | 25°38 | 22°43 | 19°51 | 23°41 | 23°54 | 7°16 | 0° 5 | S 13 |
| M14 | 11 29 34 | 24° 4'30 | 19°12 | 19°36 | 12° 4 | 12°14 | 26°52 | 16°43 | 25°40 | 22°42 | 19°50 | 23°D41 | 23°50 | 7°23 | 0° 9 | M14 |
| T 15 | 11 33 31 | 25° 4'32 | 1♒15 | 21°28 | 12°43 | 12°56 | 26°46 | 16°46 | 25°42 | 22°40 | 19°49 | 23°41 | 23°47 | 7°29 | 0°13 | T 15 |
| W16 | 11 37 27 | 26° 4'32 | 13° 8 | 23°21 | 13°22 | 13°39 | 26°40 | 16°49 | 25°44 | 22°39 | 19°48 | 23°41 | 23°44 | 7°36 | 0°17 | W16 |
| T 17 | 11 41 24 | 27° 4'31 | 24°57 | 25°15 | 14° 3 | 14°21 | 26°35 | 16°52 | 25°46 | 22°38 | 19°47 | 23°42 | 23°41 | 7°42 | 0°21 | T 17 |
| F 18 | 11 45 20 | 28° 4'28 | 6♓44 | 27°10 | 14°45 | 15° 3 | 26°29 | 16°56 | 25°48 | 22°36 | 19°46 | 23°42 | 23°38 | 7°49 | 0°25 | F 18 |
| S 19 | 11 49 17 | 29° 4'23 | 18°32 | 29° 6 | 15°28 | 15°45 | 26°23 | 16°59 | 25°51 | 22°35 | 19°45 | 23°R42 | 23°34 | 7°56 | 0°28 | S 19 |
| S 20 | 11 53 14 | 0♈ 4'16 | 0♈23 | 1♈ 3 | 16°13 | 16°27 | 26°16 | 17° 2 | 25°53 | 22°33 | 19°44 | 23°42 | 23°31 | 8° 2 | 0°32 | S 20 |
| M21 | 11 57 10 | 1° 4'07 | 12°20 | 3° 1 | 16°58 | 17° 9 | 26°10 | 17° 6 | 25°55 | 22°32 | 19°43 | 23°42 | 23°28 | 8° 9 | 0°36 | M21 |
| T 22 | 12 1 7 | 2° 3'56 | 24°24 | 4°59 | 17°43 | 17°51 | 26° 4 | 17°10 | 25°57 | 22°30 | 19°42 | 23°41 | 23°25 | 8°16 | 0°40 | T 22 |
| W23 | 12 5 3 | 3° 3'43 | 6♉37 | 6°58 | 18°30 | 18°33 | 25°57 | 17°13 | 26° 0 | 22°29 | 19°41 | 23°40 | 23°22 | 8°22 | 0°43 | W23 |
| T 24 | 12 9 0 | 4° 3'28 | 19° 2 | 8°58 | 19°18 | 19°15 | 25°51 | 17°17 | 26° 2 | 22°27 | 19°40 | 23°38 | 23°19 | 8°29 | 0°47 | T 24 |
| F 25 | 12 12 56 | 5° 3'11 | 1♊40 | 10°57 | 20° 6 | 19°57 | 25°44 | 17°21 | 26° 5 | 22°26 | 19°39 | 23°37 | 23°15 | 8°36 | 0°50 | F 25 |
| S 26 | 12 16 53 | 6° 2'52 | 14°34 | 12°57 | 20°56 | 20°39 | 25°37 | 17°25 | 26° 7 | 22°24 | 19°38 | 23°36 | 23°12 | 8°42 | 0°53 | S 26 |
| S 27 | 12 20 49 | 7° 2'31 | 27°46 | 14°57 | 21°46 | 21°21 | 25°30 | 17°29 | 26°10 | 22°22 | 19°37 | 23°35 | 23° 9 | 8°49 | 0°57 | S 27 |
| M28 | 12 24 46 | 8° 2'07 | 11♋18 | 16°57 | 22°36 | 22° 3 | 25°23 | 17°34 | 26°12 | 22°21 | 19°36 | 23°D35 | 23° 6 | 8°56 | 1° 0 | M28 |
| T 29 | 12 28 42 | 9° 1'41 | 25°11 | 18°56 | 23°28 | 22°44 | 25°16 | 17°38 | 26°15 | 22°19 | 19°35 | 23°35 | 23° 3 | 9° 2 | 1° 3 | T 29 |
| W30 | 12 32 39 | 10° 1'13 | 9♌25 | 20°53 | 24°20 | 23°26 | 25° 9 | 17°42 | 26°17 | 22°18 | 19°35 | 23°36 | 23° 0 | 9° 9 | 1° 6 | W30 |
| T 31 | 12 36 36 | 11♈ 0'42 | 23♌58 | 22♈50 | 25♒12 | 24♉ 8 | 25♎ 2 | 17♊47 | 26♉20 | 22♎16 | 19♌34 | 23♍38 | 22♍56 | 9♓16 | 1♒ 9 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s25 | 17n35 | 4s54 | 14s26 | 2s 4 | 12s27 | 6n30 | 12n46 | 0n18 | 9s18 | 1n28 | 21n14 | 1s27 | 18n48 | 0s14 | 7s25 | 1n36 | 21n46 | 7n25 | 2n29 | 2n10 | 7s47 | 13s41 | 6n43 |
| W 2 | 7 2 | 15 53 | 4 15 | 13 54 | 2 6 | 12 30 | 6 22 | 13 1 | 0 19 | 9 17 | 1 28 | 21 14 | 1 27 | 18 49 | 0 14 | 7 24 | 1 36 | 21 47 | 7 25 | 2 30 | 2 11 | 7 45 | 13 40 | 6 44 |
| T 3 | 6 39 | 13 5 | 3 18 | 13 20 | 2 7 | 12 33 | 6 14 | 13 16 | 0 19 | 9 15 | 1 28 | 21 15 | 1 26 | 18 49 | 0 14 | 7 24 | 1 36 | 21 47 | 7 25 | 2 30 | 2 13 | 7 44 | 13 39 | 6 44 |
| F 4 | 6 16 | 9 21 | 2 6 | 12 46 | 2 9 | 12 36 | 6 6 | 13 31 | 0 20 | 9 14 | 1 29 | 21 15 | 1 26 | 18 49 | 0 14 | 7 24 | 1 37 | 21 47 | 7 25 | 2 31 | 2 14 | 7 42 | 13 37 | 6 44 |
| S 5 | 5 53 | 4 59 | 0 45 | 12 10 | 2 9 | 12 38 | 5 58 | 13 46 | 0 21 | 9 12 | 1 29 | 21 16 | 1 26 | 18 50 | 0 14 | 7 23 | 1 37 | 21 48 | 7 25 | 2 31 | 2 15 | 7 40 | 13 36 | 6 45 |
| S 6 | 5 29 | 0 18 | 0n39 | 11 33 | 2 10 | 12 40 | 5 49 | 14 1 | 0 22 | 9 10 | 1 29 | 21 16 | 1 26 | 18 50 | 0 14 | 7 23 | 1 37 | 21 48 | 7 25 | 2 31 | 2 16 | 7 39 | 13 35 | 6 45 |
| M 7 | 5 6 | 4s20 | 2 0 | 10 55 | 2 10 | 12 41 | 5 41 | 14 16 | 0 22 | 9 9 | 1 29 | 21 16 | 1 25 | 18 51 | 0 14 | 7 22 | 1 37 | 21 49 | 7 25 | 2 31 | 2 18 | 7 37 | 13 33 | 6 46 |
| T 8 | 4 42 | 8 35 | 3 10 | 10 15 | 2 9 | 12 42 | 5 32 | 14 30 | 0 23 | 9 7 | 1 29 | 21 17 | 1 25 | 18 51 | 0 14 | 7 22 | 1 37 | 21 49 | 7 25 | 2 31 | 2 19 | 7 35 | 13 32 | 6 46 |
| W 9 | 4 19 | 12 13 | 4 7 | 9 34 | 2 8 | 12 43 | 5 23 | 14 44 | 0 24 | 9 5 | 1 30 | 21 17 | 1 25 | 18 51 | 0 14 | 7 21 | 1 37 | 21 49 | 7 25 | 2 30 | 2 20 | 7 34 | 13 31 | 6 46 |
| T 10 | 3 55 | 15 3 | 4 47 | 8 53 | 2 7 | 12 43 | 5 15 | 14 59 | 0 24 | 9 3 | 1 30 | 21 18 | 1 25 | 18 52 | 0 14 | 7 21 | 1 37 | 21 50 | 7 25 | 2 30 | 2 21 | 7 32 | 13 30 | 6 47 |
| F 11 | 3 32 | 16 58 | 5 11 | 8 10 | 2 5 | 12 42 | 5 6 | 15 13 | 0 25 | 9 1 | 1 30 | 21 18 | 1 24 | 18 52 | 0 14 | 7 20 | 1 37 | 21 50 | 7 25 | 2 30 | 2 23 | 7 30 | 13 28 | 6 47 |
| S 12 | 3 8 | 17 58 | 5 18 | 7 25 | 2 3 | 12 42 | 4 58 | 15 27 | 0 26 | 8 59 | 1 30 | 21 19 | 1 24 | 18 53 | 0 14 | 7 20 | 1 37 | 21 50 | 7 25 | 2 30 | 2 24 | 7 29 | 13 27 | 6 48 |
| S 13 | 2 45 | 18 3 | 5 10 | 6 40 | 2 0 | 12 40 | 4 49 | 15 40 | 0 26 | 8 57 | 1 30 | 21 19 | 1 24 | 18 53 | 0 14 | 7 19 | 1 37 | 21 51 | 7 25 | 2 30 | 2 25 | 7 27 | 13 26 | 6 48 |
| M14 | 2 21 | 17 16 | 4 47 | 5 54 | 1 56 | 12 39 | 4 40 | 15 54 | 0 27 | 8 55 | 1 31 | 21 20 | 1 24 | 18 54 | 0 14 | 7 18 | 1 37 | 21 51 | 7 25 | 2 30 | 2 26 | 7 25 | 13 24 | 6 49 |
| T 15 | 1 57 | 15 43 | 4 12 | 5 6 | 1 53 | 12 36 | 4 32 | 16 7 | 0 28 | 8 53 | 1 31 | 21 20 | 1 23 | 18 54 | 0 14 | 7 18 | 1 37 | 21 51 | 7 25 | 2 30 | 2 28 | 7 24 | 13 23 | 6 49 |
| W16 | 1 33 | 13 31 | 3 27 | 4 18 | 1 48 | 12 34 | 4 23 | 16 21 | 0 28 | 8 51 | 1 31 | 21 21 | 1 23 | 18 55 | 0 14 | 7 17 | 1 37 | 21 52 | 7 25 | 2 30 | 2 29 | 7 22 | 13 22 | 6 49 |
| T 17 | 1 10 | 10 46 | 2 33 | 3 28 | 1 43 | 12 30 | 4 14 | 16 34 | 0 29 | 8 49 | 1 31 | 21 21 | 1 23 | 18 55 | 0 14 | 7 17 | 1 37 | 21 52 | 7 25 | 2 30 | 2 30 | 7 20 | 13 21 | 6 50 |
| F 18 | 0 46 | 7 35 | 1 33 | 2 37 | 1 38 | 12 27 | 4 6 | 16 47 | 0 30 | 8 46 | 1 31 | 21 22 | 1 23 | 18 56 | 0 14 | 7 16 | 1 37 | 21 52 | 7 25 | 2 30 | 2 31 | 7 19 | 13 19 | 6 50 |
| S 19 | 0 22 | 4 5 | 0 29 | 1 46 | 1 32 | 12 22 | 3 57 | 17 0 | 0 30 | 8 44 | 1 31 | 21 23 | 1 23 | 18 56 | 0 14 | 7 16 | 1 37 | 21 53 | 7 25 | 2 30 | 2 33 | 7 17 | 13 18 | 6 51 |
| S 20 | 0n 2 | 0 25 | 0s37 | 0 54 | 1 25 | 12 18 | 3 49 | 17 13 | 0 31 | 8 42 | 1 31 | 21 23 | 1 22 | 18 57 | 0 14 | 7 15 | 1 37 | 21 53 | 7 24 | 2 30 | 2 34 | 7 15 | 13 17 | 6 51 |
| M21 | 0 25 | 3n18 | 1 42 | 0 0 | 1 18 | 12 12 | 3 41 | 17 25 | 0 32 | 8 39 | 1 32 | 21 24 | 1 22 | 18 58 | 0 14 | 7 14 | 1 37 | 21 53 | 7 24 | 2 30 | 2 35 | 7 14 | 13 16 | 6 52 |
| T 22 | 0 49 | 6 55 | 2 42 | 0n53 | 1 11 | 12 7 | 3 32 | 17 38 | 0 32 | 8 37 | 1 32 | 21 24 | 1 22 | 18 58 | 0 14 | 7 14 | 1 37 | 21 53 | 7 24 | 2 30 | 2 36 | 7 12 | 13 15 | 6 52 |
| W23 | 1 13 | 10 17 | 3 37 | 1 48 | 1 3 | 12 0 | 3 24 | 17 50 | 0 33 | 8 34 | 1 32 | 21 25 | 1 22 | 18 59 | 0 14 | 7 13 | 1 37 | 21 54 | 7 24 | 2 31 | 2 38 | 7 10 | 13 13 | 6 53 |
| T 24 | 1 37 | 13 15 | 4 21 | 2 43 | 0 54 | 11 54 | 3 16 | 18 2 | 0 33 | 8 32 | 1 32 | 21 25 | 1 21 | 18 59 | 0 14 | 7 13 | 1 37 | 21 54 | 7 24 | 2 31 | 2 39 | 7 9 | 13 12 | 6 53 |
| F 25 | 2 0 | 15 38 | 4 54 | 3 38 | 0 45 | 11 46 | 3 8 | 18 14 | 0 34 | 8 29 | 1 32 | 21 26 | 1 21 | 19 0 | 0 14 | 7 12 | 1 37 | 21 54 | 7 24 | 2 32 | 2 40 | 7 7 | 13 11 | 6 54 |
| S 26 | 2 24 | 17 18 | 5 13 | 4 34 | 0 35 | 11 39 | 3 0 | 18 26 | 0 35 | 8 27 | 1 32 | 21 27 | 1 21 | 19 0 | 0 14 | 7 12 | 1 37 | 21 54 | 7 24 | 2 32 | 2 41 | 7 5 | 13 10 | 6 54 |
| S 27 | 2 47 | 18 5 | 5 16 | 5 30 | 0 25 | 11 31 | 2 52 | 18 37 | 0 35 | 8 24 | 1 32 | 21 27 | 1 21 | 19 1 | 0 14 | 7 11 | 1 37 | 21 55 | 7 24 | 2 33 | 2 43 | 7 4 | 13 9 | 6 55 |
| M28 | 3 11 | 17 53 | 5 2 | 6 25 | 0 14 | 11 22 | 2 44 | 18 49 | 0 36 | 8 22 | 1 32 | 21 28 | 1 21 | 19 2 | 0 14 | 7 10 | 1 37 | 21 55 | 7 24 | 2 33 | 2 44 | 7 2 | 13 7 | 6 55 |
| T 29 | 3 34 | 16 37 | 4 30 | 7 20 | 0 3 | 11 13 | 2 36 | 19 0 | 0 36 | 8 19 | 1 32 | 21 28 | 1 20 | 19 2 | 0 14 | 7 10 | 1 37 | 21 55 | 7 24 | 2 32 | 2 45 | 7 0 | 13 6 | 6 56 |
| W30 | 3 58 | 14 18 | 3 41 | 8 15 | 0n 8 | 11 3 | 2 28 | 19 11 | 0 37 | 8 16 | 1 32 | 21 29 | 1 20 | 19 3 | 0 14 | 7 9 | 1 37 | 21 55 | 7 24 | 2 32 | 2 47 | 6 59 | 13 5 | 6 56 |
| T 31 | 4n21 | 11n 2 | 2s37 | 9n 9 | 0n19 | 10s53 | 2n20 | 19n22 | 0n38 | 8s14 | 1n33 | 21n30 | 1s20 | 19n 4 | 0s14 | 7s 9 | 1n37 | 21n55 | 7n24 | 2n31 | 2n48 | 6s57 | 13s 4 | 6n57 |

Julian Day Number = 2613772.5, Delta T = 10m52s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'02, Lahiri = 30°04'02


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## APRIL 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 40 32 | 12♈ 0'10 | 8♍47 | 24♈44 | 26♒ 6 | 24♉49 | 24°R54 | 17♊51 | 26♉23 | 22°R14 | 19°R33 | 23♍39 | 22♍53 | 9♓22 | 1♒12 | F 1 |
| S 2 | 12 44 29 | 12°59'34 | 23°45 | 26°37 | 26°59 | 25°31 | 24♎47 | 17°56 | 26°25 | 22♎13 | 19♌32 | 23°R39 | 22°50 | 9°29 | 1°15 | S 2 |
| S 3 | 12 48 25 | 13°58'57 | 8♎45 | 28°26 | 27°54 | 26°13 | 24°39 | 18° 1 | 26°28 | 22°11 | 19°31 | 23°39 | 22°47 | 9°35 | 1°18 | S 3 |
| M 4 | 12 52 22 | 14°58'18 | 23°39 | 0♉13 | 28°49 | 26°54 | 24°32 | 18° 6 | 26°31 | 22°10 | 19°31 | 23°37 | 22°44 | 9°42 | 1°20 | M 4 |
| T 5 | 12 56 18 | 15°57'37 | 8♏18 | 1°56 | 29°45 | 27°36 | 24°24 | 18°11 | 26°34 | 22° 8 | 19°30 | 23°34 | 22°40 | 9°49 | 1°23 | T 5 |
| W 6 | 13 0 15 | 16°56'54 | 22°36 | 3°36 | 0♓41 | 28°17 | 24°17 | 18°16 | 26°37 | 22° 6 | 19°29 | 23°31 | 22°37 | 9°55 | 1°26 | W 6 |
| T 7 | 13 4 11 | 17°56'09 | 6♐29 | 5°11 | 1°37 | 28°59 | 24° 9 | 18°21 | 26°39 | 22° 5 | 19°29 | 23°28 | 22°34 | 10° 2 | 1°28 | T 7 |
| F 8 | 13 8 8 | 18°55'22 | 19°55 | 6°42 | 2°34 | 29°40 | 24° 2 | 18°26 | 26°42 | 22° 3 | 19°28 | 23°25 | 22°31 | 10° 9 | 1°30 | F 8 |
| S 9 | 13 12 5 | 19°54'34 | 2♑54 | 8° 8 | 3°32 | 0♊21 | 23°54 | 18°31 | 26°45 | 22° 1 | 19°28 | 23°22 | 22°28 | 10°15 | 1°33 | S 9 |
| S 10 | 13 16 1 | 20°53'44 | 15°30 | 9°28 | 4°30 | 1° 3 | 23°46 | 18°36 | 26°48 | 22° 0 | 19°27 | 23°D21 | 22°25 | 10°22 | 1°35 | S 10 |
| M11 | 13 19 58 | 21°52'52 | 27°47 | 10°44 | 5°28 | 1°44 | 23°39 | 18°42 | 26°51 | 21°58 | 19°26 | 23°21 | 22°21 | 10°29 | 1°37 | M11 |
| T 12 | 13 23 54 | 22°51'58 | 9♒49 | 11°53 | 6°27 | 2°25 | 23°31 | 18°47 | 26°54 | 21°56 | 19°26 | 23°22 | 22°18 | 10°35 | 1°39 | T 12 |
| W13 | 13 27 51 | 23°51'03 | 21°41 | 12°56 | 7°26 | 3° 6 | 23°23 | 18°53 | 26°57 | 21°55 | 19°25 | 23°24 | 22°15 | 10°42 | 1°42 | W13 |
| T 14 | 13 31 47 | 24°50'06 | 3♓29 | 13°54 | 8°26 | 3°47 | 23°15 | 18°58 | 27° 0 | 21°53 | 19°25 | 23°26 | 22°12 | 10°49 | 1°43 | T 14 |
| F 15 | 13 35 44 | 25°49'07 | 15°15 | 14°45 | 9°26 | 4°29 | 23° 8 | 19° 4 | 27° 3 | 21°51 | 19°25 | 23°27 | 22° 9 | 10°55 | 1°45 | F 15 |
| S 16 | 13 39 40 | 26°48'06 | 27° 6 | 15°30 | 10°26 | 5°10 | 23° 0 | 19° 9 | 27° 6 | 21°50 | 19°24 | 23°R27 | 22° 5 | 11° 2 | 1°47 | S 16 |
| S 17 | 13 43 37 | 27°47'03 | 9♈ 3 | 16° 8 | 11°27 | 5°51 | 22°52 | 19°15 | 27° 9 | 21°48 | 19°24 | 23°26 | 22° 2 | 11° 9 | 1°49 | S 17 |
| M18 | 13 47 34 | 28°45'58 | 21° 9 | 16°40 | 12°28 | 6°32 | 22°45 | 19°21 | 27°13 | 21°47 | 19°23 | 23°23 | 21°59 | 11°15 | 1°51 | M18 |
| T 19 | 13 51 30 | 29°44'52 | 3♉27 | 17° 5 | 13°29 | 7°13 | 22°37 | 19°27 | 27°16 | 21°45 | 19°23 | 23°18 | 21°56 | 11°22 | 1°52 | T 19 |
| W20 | 13 55 27 | 0♉43'43 | 15°57 | 17°24 | 14°31 | 7°54 | 22°29 | 19°33 | 27°19 | 21°43 | 19°23 | 23°12 | 21°53 | 11°28 | 1°54 | W20 |
| T 21 | 13 59 23 | 1°42'33 | 28°40 | 17°36 | 15°32 | 8°35 | 22°22 | 19°39 | 27°22 | 21°42 | 19°22 | 23° 6 | 21°50 | 11°35 | 1°55 | T 21 |
| F 22 | 14 3 20 | 2°41'20 | 11♊35 | 17°R42 | 16°35 | 9°16 | 22°14 | 19°45 | 27°25 | 21°40 | 19°22 | 22°59 | 21°46 | 11°42 | 1°56 | F 22 |
| S 23 | 14 7 16 | 3°40'05 | 24°45 | 17°41 | 17°37 | 9°56 | 22° 7 | 19°51 | 27°29 | 21°38 | 19°22 | 22°53 | 21°43 | 11°48 | 1°58 | S 23 |
| S 24 | 14 11 13 | 4°38'49 | 8♋ 7 | 17°35 | 18°40 | 10°37 | 22° 0 | 19°58 | 27°32 | 21°37 | 19°22 | 22°48 | 21°40 | 11°55 | 1°59 | S 24 |
| M25 | 14 15 9 | 5°37'30 | 21°43 | 17°23 | 19°43 | 11°18 | 21°52 | 20° 4 | 27°35 | 21°35 | 19°22 | 22°46 | 21°37 | 12° 2 | 2° 0 | M25 |
| T 26 | 14 19 6 | 6°36'08 | 5♌32 | 17° 5 | 20°46 | 11°59 | 21°45 | 20°10 | 27°38 | 21°34 | 19°21 | 22°D45 | 21°34 | 12° 8 | 2° 1 | T 26 |
| W27 | 14 23 3 | 7°34'45 | 19°34 | 16°43 | 21°49 | 12°40 | 21°38 | 20°17 | 27°42 | 21°32 | 19°21 | 22°45 | 21°31 | 12°15 | 2° 2 | W27 |
| T 28 | 14 26 59 | 8°33'19 | 3♍50 | 16°16 | 22°53 | 13°20 | 21°31 | 20°23 | 27°45 | 21°31 | 19°21 | 22°46 | 21°27 | 12°22 | 2° 3 | T 28 |
| F 29 | 14 30 56 | 9°31'51 | 18°16 | 15°45 | 23°57 | 14° 1 | 21°23 | 20°30 | 27°48 | 21°29 | 19°21 | 22°R47 | 21°24 | 12°28 | 2° 4 | F 29 |
| S 30 | 14 34 52 | 10♉30'21 | 2♎50 | 15♉11 | 25♓ 1 | 14♊41 | 21♎16 | 20♊36 | 27♉52 | 21♎27 | 19♌21 | 22♍47 | 21♍21 | 12♓35 | 2♒ 4 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 4n44 | 7n 0 | 1s21 | 10n 2 | 0n31 | 10s42 | 2n13 | 19n33 | 0n38 | 8s11 | 1n33 | 21n30 | 1s20 | 19n 4 | 0s14 | 7s 8 | 1n37 | 21n56 | 7n24 | 2n31 | 2n49 | 6s55 | 13s 3 | 6n57 |
| S 2 | 5 7 | 2 29 | 0n 1 | 10 54 | 0 43 | 10 31 | 2 5 | 19 43 | 0 39 | 8 8 | 1 33 | 21 31 | 1 20 | 19 5 | 0 14 | 7 7 | 1 37 | 21 56 | 7 23 | 2 31 | 2 50 | 6 53 | 13 2 | 6 58 |
| S 3 | 5 30 | 2s12 | 1 23 | 11 45 | 0 55 | 10 20 | 1 58 | 19 53 | 0 39 | 8 5 | 1 33 | 21 31 | 1 19 | 19 5 | 0 14 | 7 7 | 1 37 | 21 56 | 7 23 | 2 31 | 2 52 | 6 52 | 13 1 | 6 59 |
| M 4 | 5 53 | 6 42 | 2 38 | 12 34 | 1 7 | 10 8 | 1 51 | 20 4 | 0 40 | 8 3 | 1 33 | 21 32 | 1 19 | 19 6 | 0 14 | 7 6 | 1 37 | 21 56 | 7 23 | 2 32 | 2 53 | 6 50 | 12 59 | 6 59 |
| T 5 | 6 16 | 10 44 | 3 42 | 13 21 | 1 19 | 9 55 | 1 43 | 20 14 | 0 40 | 8 0 | 1 33 | 21 33 | 1 19 | 19 7 | 0 14 | 7 5 | 1 37 | 21 56 | 7 23 | 2 33 | 2 54 | 6 48 | 12 58 | 7 0 |
| W 6 | 6 39 | 14 1 | 4 30 | 14 6 | 1 30 | 9 42 | 1 36 | 20 23 | 0 41 | 7 57 | 1 33 | 21 33 | 1 19 | 19 7 | 0 14 | 7 5 | 1 37 | 21 56 | 7 23 | 2 34 | 2 55 | 6 47 | 12 57 | 7 0 |
| T 7 | 7 1 | 16 23 | 5 1 | 14 49 | 1 42 | 9 29 | 1 29 | 20 33 | 0 41 | 7 54 | 1 33 | 21 34 | 1 19 | 19 8 | 0 14 | 7 4 | 1 37 | 21 56 | 7 23 | 2 35 | 2 57 | 6 45 | 12 56 | 7 1 |
| F 8 | 7 24 | 17 46 | 5 14 | 15 29 | 1 53 | 9 15 | 1 22 | 20 43 | 0 42 | 7 51 | 1 33 | 21 35 | 1 18 | 19 9 | 0 14 | 7 4 | 1 37 | 21 56 | 7 23 | 2 37 | 2 58 | 6 43 | 12 55 | 7 1 |
| S 9 | 7 46 | 18 10 | 5 11 | 16 7 | 2 3 | 9 1 | 1 15 | 20 52 | 0 42 | 7 49 | 1 33 | 21 35 | 1 18 | 19 10 | 0 14 | 7 3 | 1 37 | 21 57 | 7 23 | 2 38 | 2 59 | 6 42 | 12 54 | 7 2 |
| S 10 | 8 8 | 17 39 | 4 52 | 16 43 | 2 13 | 8 46 | 1 9 | 21 1 | 0 43 | 7 46 | 1 33 | 21 36 | 1 18 | 19 10 | 0 14 | 7 2 | 1 37 | 21 57 | 7 23 | 2 38 | 3 0 | 6 40 | 12 53 | 7 2 |
| M11 | 8 30 | 16 18 | 4 20 | 17 15 | 2 22 | 8 31 | 1 2 | 21 10 | 0 43 | 7 43 | 1 33 | 21 36 | 1 18 | 19 11 | 0 14 | 7 2 | 1 37 | 21 57 | 7 23 | 2 38 | 3 2 | 6 38 | 12 52 | 7 3 |
| T 12 | 8 52 | 14 15 | 3 37 | 17 45 | 2 30 | 8 16 | 0 56 | 21 18 | 0 44 | 7 40 | 1 33 | 21 37 | 1 18 | 19 12 | 0 14 | 7 1 | 1 37 | 21 57 | 7 22 | 2 38 | 3 3 | 6 36 | 12 51 | 7 4 |
| W13 | 9 14 | 11 37 | 2 46 | 18 11 | 2 38 | 8 0 | 0 49 | 21 27 | 0 44 | 7 37 | 1 33 | 21 38 | 1 17 | 19 12 | 0 14 | 7 1 | 1 37 | 21 57 | 7 22 | 2 37 | 3 4 | 6 35 | 12 50 | 7 4 |
| T 14 | 9 36 | 8 32 | 1 47 | 18 35 | 2 45 | 7 44 | 0 43 | 21 35 | 0 45 | 7 35 | 1 33 | 21 38 | 1 17 | 19 13 | 0 14 | 7 0 | 1 37 | 21 57 | 7 22 | 2 36 | 3 5 | 6 33 | 12 49 | 7 5 |
| F 15 | 9 57 | 5 6 | 0 45 | 18 56 | 2 50 | 7 27 | 0 37 | 21 43 | 0 45 | 7 32 | 1 33 | 21 39 | 1 17 | 19 14 | 0 14 | 6 59 | 1 37 | 21 57 | 7 22 | 2 36 | 3 7 | 6 31 | 12 48 | 7 5 |
| S 16 | 10 18 | 1 27 | 0s20 | 19 14 | 2 55 | 7 10 | 0 31 | 21 51 | 0 46 | 7 29 | 1 33 | 21 40 | 1 17 | 19 14 | 0 14 | 6 59 | 1 37 | 21 57 | 7 22 | 2 36 | 3 8 | 6 30 | 12 47 | 7 6 |
| S 17 | 10 40 | 2n17 | 1 24 | 19 28 | 2 58 | 6 52 | 0 25 | 21 59 | 0 46 | 7 26 | 1 33 | 21 40 | 1 17 | 19 15 | 0 14 | 6 58 | 1 37 | 21 57 | 7 22 | 2 36 | 3 9 | 6 28 | 12 46 | 7 7 |
| M18 | 11 1 | 5 59 | 2 26 | 19 39 | 3 1 | 6 35 | 0 19 | 22 7 | 0 47 | 7 23 | 1 33 | 21 41 | 1 16 | 19 16 | 0 14 | 6 57 | 1 37 | 21 57 | 7 22 | 2 37 | 3 10 | 6 26 | 12 45 | 7 7 |
| T 19 | 11 21 | 9 29 | 3 21 | 19 48 | 3 2 | 6 17 | 0 13 | 22 14 | 0 47 | 7 21 | 1 33 | 21 42 | 1 16 | 19 17 | 0 14 | 6 57 | 1 37 | 21 57 | 7 22 | 2 39 | 3 12 | 6 25 | 12 44 | 7 8 |
| W20 | 11 42 | 12 37 | 4 8 | 19 53 | 3 1 | 5 58 | 0 7 | 22 21 | 0 47 | 7 18 | 1 33 | 21 42 | 1 16 | 19 17 | 0 14 | 6 56 | 1 37 | 21 57 | 7 21 | 2 41 | 3 13 | 6 23 | 12 43 | 7 8 |
| T 21 | 12 2 | 15 13 | 4 43 | 19 55 | 3 0 | 5 40 | 0 2 | 22 28 | 0 48 | 7 15 | 1 33 | 21 43 | 1 16 | 19 18 | 0 14 | 6 56 | 1 37 | 21 57 | 7 21 | 2 44 | 3 14 | 6 21 | 12 42 | 7 9 |
| F 22 | 12 22 | 17 6 | 5 4 | 19 54 | 2 57 | 5 20 | 0s 4 | 22 35 | 0 48 | 7 12 | 1 32 | 21 44 | 1 16 | 19 19 | 0 14 | 6 55 | 1 37 | 21 57 | 7 21 | 2 47 | 3 15 | 6 19 | 12 42 | 7 9 |
| S 23 | 12 42 | 18 7 | 5 10 | 19 49 | 2 52 | 5 1 | 0 9 | 22 41 | 0 49 | 7 10 | 1 32 | 21 44 | 1 16 | 19 20 | 0 14 | 6 54 | 1 37 | 21 57 | 7 21 | 2 49 | 3 17 | 6 18 | 12 41 | 7 10 |
| S 24 | 13 2 | 18 9 | 4 59 | 19 42 | 2 47 | 4 41 | 0 14 | 22 48 | 0 49 | 7 7 | 1 32 | 21 45 | 1 15 | 19 20 | 0 14 | 6 54 | 1 37 | 21 57 | 7 21 | 2 51 | 3 18 | 6 16 | 12 40 | 7 11 |
| M25 | 13 22 | 17 10 | 4 32 | 19 31 | 2 39 | 4 21 | 0 19 | 22 54 | 0 50 | 7 4 | 1 32 | 21 45 | 1 15 | 19 21 | 0 14 | 6 53 | 1 37 | 21 57 | 7 21 | 2 52 | 3 19 | 6 14 | 12 39 | 7 11 |
| T 26 | 13 41 | 15 9 | 3 48 | 19 18 | 2 31 | 4 1 | 0 24 | 23 0 | 0 50 | 7 2 | 1 32 | 21 46 | 1 15 | 19 22 | 0 13 | 6 53 | 1 37 | 21 57 | 7 21 | 2 52 | 3 20 | 6 13 | 12 38 | 7 12 |
| W27 | 14 0 | 12 13 | 2 50 | 19 2 | 2 21 | 3 41 | 0 29 | 23 5 | 0 50 | 6 59 | 1 32 | 21 47 | 1 15 | 19 23 | 0 13 | 6 52 | 1 37 | 21 57 | 7 21 | 2 52 | 3 22 | 6 11 | 12 38 | 7 12 |
| T 28 | 14 19 | 8 31 | 1 41 | 18 44 | 2 9 | 3 20 | 0 34 | 23 11 | 0 51 | 6 57 | 1 32 | 21 47 | 1 15 | 19 23 | 0 13 | 6 52 | 1 37 | 21 56 | 7 20 | 2 52 | 3 23 | 6 9 | 12 37 | 7 13 |
| F 29 | 14 38 | 4 15 | 0 24 | 18 23 | 1 57 | 2 59 | 0 38 | 23 16 | 0 51 | 6 54 | 1 32 | 21 48 | 1 15 | 19 24 | 0 13 | 6 51 | 1 37 | 21 56 | 7 20 | 2 51 | 3 24 | 6 7 | 12 36 | 7 14 |
| S 30 | 14n56 | 0s18 | 0n54 | 18n 0 | 1n43 | 2s38 | 0s43 | 23n21 | 0n52 | 6s52 | 1n32 | 21n49 | 1s14 | 19n25 | 0s13 | 6s50 | 1n37 | 21n56 | 7n20 | 2n51 | 3n25 | 6s 6 | 12s35 | 7n14 |

Julian Day Number = 2613803.5, Delta T = 10m52s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'06, Lahiri = 30°04'06


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## MAY 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 38 49 | 11♉28'49 | 17♎27 | 14°R35 | 26♓ 5 | 15♊22 | 21°R10 | 20♊43 | 27♉55 | 21°R26 | 19°D21 | 22°R45 | 21♍18 | 12♓42 | 2♒ 5 | S 1 |
| M 2 | 14 42 45 | 12°27'14 | 2♏ 2 | 13♉56 | 27°10 | 16° 3 | 21♎ 3 | 20°49 | 27°58 | 21♎24 | 19♌21 | 22♍40 | 21°15 | 12°48 | 2° 6 | M 2 |
| T 3 | 14 46 42 | 13°25'38 | 16°27 | 13°16 | 28°15 | 16°43 | 20°56 | 20°56 | 28° 2 | 21°23 | 19°21 | 22°34 | 21°11 | 12°55 | 2° 6 | T 3 |
| W 4 | 14 50 38 | 14°24'01 | 0♐37 | 12°36 | 29°20 | 17°24 | 20°50 | 21° 3 | 28° 5 | 21°21 | 19°21 | 22°25 | 21° 8 | 13° 2 | 2° 6 | W 4 |
| T 5 | 14 54 35 | 15°22'21 | 14°27 | 11°56 | 0♈25 | 18° 4 | 20°43 | 21°10 | 28° 9 | 21°20 | 19°21 | 22°17 | 21° 5 | 13° 8 | 2° 7 | T 5 |
| F 6 | 14 58 31 | 16°20'40 | 27°53 | 11°17 | 1°30 | 18°44 | 20°37 | 21°17 | 28°12 | 21°18 | 19°22 | 22° 8 | 21° 2 | 13°15 | 2° 7 | F 6 |
| S 7 | 15 2 28 | 17°18'57 | 10♑55 | 10°40 | 2°36 | 19°25 | 20°30 | 21°24 | 28°15 | 21°17 | 19°22 | 22° 1 | 20°59 | 13°21 | 2° 7 | S 7 |
| S 8 | 15 6 25 | 18°17'13 | 23°33 | 10° 5 | 3°41 | 20° 5 | 20°24 | 21°30 | 28°19 | 21°16 | 19°22 | 21°56 | 20°56 | 13°28 | 2°R 7 | S 8 |
| M 9 | 15 10 21 | 19°15'27 | 5♒52 | 9°33 | 4°47 | 20°45 | 20°18 | 21°37 | 28°22 | 21°14 | 19°22 | 21°53 | 20°52 | 13°35 | 2° 7 | M 9 |
| T 10 | 15 14 18 | 20°13'40 | 17°56 | 9° 4 | 5°53 | 21°26 | 20°12 | 21°44 | 28°26 | 21°13 | 19°22 | 21°D52 | 20°49 | 13°41 | 2° 7 | T 10 |
| W11 | 15 18 14 | 21°11'51 | 29°49 | 8°39 | 7° 0 | 22° 6 | 20° 7 | 21°52 | 28°29 | 21°11 | 19°23 | 21°53 | 20°46 | 13°48 | 2° 7 | W11 |
| T 12 | 15 22 11 | 22°10'01 | 11♓37 | 8°18 | 8° 6 | 22°46 | 20° 1 | 21°59 | 28°33 | 21°10 | 19°23 | 21°53 | 20°43 | 13°55 | 2° 7 | T 12 |
| F 13 | 15 26 7 | 23° 8'09 | 23°26 | 8° 1 | 9°12 | 23°26 | 19°55 | 22° 6 | 28°36 | 21° 9 | 19°23 | 21°R54 | 20°40 | 14° 1 | 2° 6 | F 13 |
| S 14 | 15 30 4 | 24° 6'16 | 5♈19 | 7°48 | 10°19 | 24° 6 | 19°50 | 22°13 | 28°40 | 21° 7 | 19°24 | 21°53 | 20°37 | 14° 8 | 2° 6 | S 14 |
| S 15 | 15 34 0 | 25° 4'22 | 17°22 | 7°40 | 11°26 | 24°46 | 19°45 | 22°20 | 28°43 | 21° 6 | 19°24 | 21°50 | 20°33 | 14°15 | 2° 5 | S 15 |
| M16 | 15 37 57 | 26° 2'26 | 29°38 | 7°D37 | 12°33 | 25°27 | 19°40 | 22°28 | 28°47 | 21° 5 | 19°24 | 21°44 | 20°30 | 14°21 | 2° 5 | M16 |
| T 17 | 15 41 54 | 27° 0'28 | 12♉ 9 | 7°39 | 13°40 | 26° 7 | 19°35 | 22°35 | 28°50 | 21° 3 | 19°25 | 21°36 | 20°27 | 14°28 | 2° 4 | T 17 |
| W18 | 15 45 50 | 27°58'29 | 24°57 | 7°45 | 14°47 | 26°47 | 19°30 | 22°42 | 28°54 | 21° 2 | 19°25 | 21°26 | 20°24 | 14°35 | 2° 3 | W18 |
| T 19 | 15 49 47 | 28°56'29 | 8♊ 1 | 7°56 | 15°54 | 27°27 | 19°25 | 22°49 | 28°57 | 21° 1 | 19°26 | 21°15 | 20°21 | 14°41 | 2° 2 | T 19 |
| F 20 | 15 53 43 | 29°54'27 | 21°20 | 8°11 | 17° 2 | 28° 7 | 19°21 | 22°57 | 29° 1 | 21° 0 | 19°26 | 21° 3 | 20°17 | 14°48 | 2° 2 | F 20 |
| S 21 | 15 57 40 | 0♊52'24 | 4♋52 | 8°31 | 18° 9 | 28°46 | 19°17 | 23° 4 | 29° 4 | 20°59 | 19°27 | 20°53 | 20°14 | 14°54 | 2° 1 | S 21 |
| S 22 | 16 1 36 | 1°50'19 | 18°34 | 8°55 | 19°17 | 29°26 | 19°12 | 23°12 | 29° 7 | 20°57 | 19°27 | 20°45 | 20°11 | 15° 1 | 2° 0 | S 22 |
| M23 | 16 5 33 | 2°48'12 | 2♌25 | 9°23 | 20°25 | 0♋ 6 | 19° 8 | 23°19 | 29°11 | 20°56 | 19°28 | 20°39 | 20° 8 | 15° 8 | 1°58 | M23 |
| T 24 | 16 9 29 | 3°46'03 | 16°23 | 9°56 | 21°33 | 0°46 | 19° 5 | 23°27 | 29°14 | 20°55 | 19°29 | 20°36 | 20° 5 | 15°14 | 1°57 | T 24 |
| W25 | 16 13 26 | 4°43'53 | 0♍25 | 10°32 | 22°40 | 1°26 | 19° 1 | 23°34 | 29°18 | 20°54 | 19°29 | 20°D35 | 20° 2 | 15°21 | 1°56 | W25 |
| T 26 | 16 17 23 | 5°41'40 | 14°32 | 11°12 | 23°49 | 2° 6 | 18°57 | 23°42 | 29°21 | 20°53 | 19°30 | 20°R35 | 19°58 | 15°28 | 1°55 | T 26 |
| F 27 | 16 21 19 | 6°39'27 | 28°43 | 11°56 | 24°57 | 2°45 | 18°54 | 23°49 | 29°25 | 20°52 | 19°31 | 20°35 | 19°55 | 15°34 | 1°53 | F 27 |
| S 28 | 16 25 16 | 7°37'11 | 12♎55 | 12°44 | 26° 5 | 3°25 | 18°51 | 23°57 | 29°28 | 20°51 | 19°31 | 20°33 | 19°52 | 15°41 | 1°52 | S 28 |
| S 29 | 16 29 12 | 8°34'54 | 27° 8 | 13°35 | 27°13 | 4° 5 | 18°48 | 24° 5 | 29°32 | 20°50 | 19°32 | 20°30 | 19°49 | 15°48 | 1°50 | S 29 |
| M30 | 16 33 9 | 9°32'35 | 11♏17 | 14°30 | 28°22 | 4°44 | 18°45 | 24°12 | 29°35 | 20°49 | 19°33 | 20°23 | 19°46 | 15°54 | 1°49 | M30 |
| T 31 | 16 37 5 | 10♊30'15 | 25♏18 | 15♉28 | 29♈30 | 5♋24 | 18♎42 | 24♊20 | 29♉39 | 20♎48 | 19♌34 | 20♍14 | 19♍42 | 16♓ 1 | 1♒47 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n14 | 4s51 | 2n 9 | 17n35 | 1n28 | 2s16 | 0s47 | 23n26 | 0n52 | 6s49 | 1n32 | 21n49 | 1s14 | 19n26 | 0s13 | 6s50 | 1n37 | 21n56 | 7n20 | 2n52 | 3n27 | 6s 4 | 12s35 | 7n15 |
| M 2 | 15 32 | 9 5 | 3 16 | 17 8 | 1 13 | 1 55 | 0 51 | 23 31 | 0 52 | 6 47 | 1 31 | 21 50 | 1 14 | 19 26 | 0 13 | 6 49 | 1 37 | 21 56 | 7 20 | 2 54 | 3 28 | 6 2 | 12 34 | 7 15 |
| T 3 | 15 50 | 12 45 | 4 8 | 16 41 | 0 57 | 1 33 | 0 56 | 23 35 | 0 53 | 6 44 | 1 31 | 21 50 | 1 14 | 19 27 | 0 13 | 6 49 | 1 37 | 21 56 | 7 20 | 2 57 | 3 29 | 6 1 | 12 33 | 7 16 |
| W 4 | 16 7 | 15 35 | 4 45 | 16 13 | 0 40 | 1 11 | 1 0 | 23 40 | 0 53 | 6 42 | 1 31 | 21 51 | 1 14 | 19 28 | 0 13 | 6 48 | 1 37 | 21 56 | 7 20 | 3 0 | 3 30 | 5 59 | 12 32 | 7 17 |
| T 5 | 16 24 | 17 27 | 5 4 | 15 44 | 0 23 | 0 48 | 1 4 | 23 44 | 0 53 | 6 40 | 1 31 | 21 52 | 1 14 | 19 29 | 0 13 | 6 48 | 1 37 | 21 56 | 7 20 | 3 3 | 3 32 | 5 57 | 12 32 | 7 17 |
| F 6 | 16 41 | 18 17 | 5 5 | 15 16 | 0 5 | 0 26 | 1 7 | 23 48 | 0 54 | 6 38 | 1 31 | 21 52 | 1 14 | 19 30 | 0 13 | 6 47 | 1 37 | 21 55 | 7 19 | 3 7 | 3 33 | 5 55 | 12 31 | 7 18 |
| S 7 | 16 58 | 18 7 | 4 50 | 14 48 | 0s12 | 0 3 | 1 11 | 23 51 | 0 54 | 6 35 | 1 31 | 21 53 | 1 13 | 19 30 | 0 13 | 6 47 | 1 37 | 21 55 | 7 19 | 3 9 | 3 34 | 5 54 | 12 31 | 7 18 |
| S 8 | 17 14 | 17 2 | 4 22 | 14 21 | 0 29 | 0n19 | 1 15 | 23 55 | 0 54 | 6 33 | 1 31 | 21 53 | 1 13 | 19 31 | 0 13 | 6 46 | 1 37 | 21 55 | 7 19 | 3 11 | 3 35 | 5 52 | 12 30 | 7 19 |
| M 9 | 17 30 | 15 11 | 3 41 | 13 54 | 0 46 | 0 42 | 1 18 | 23 58 | 0 55 | 6 31 | 1 30 | 21 54 | 1 13 | 19 32 | 0 13 | 6 46 | 1 37 | 21 55 | 7 19 | 3 13 | 3 37 | 5 50 | 12 29 | 7 20 |
| T 10 | 17 45 | 12 41 | 2 52 | 13 30 | 1 2 | 1 5 | 1 21 | 24 1 | 0 55 | 6 29 | 1 30 | 21 55 | 1 13 | 19 33 | 0 13 | 6 45 | 1 37 | 21 55 | 7 19 | 3 13 | 3 38 | 5 48 | 12 29 | 7 20 |
| W11 | 18 1 | 9 42 | 1 56 | 13 7 | 1 18 | 1 28 | 1 24 | 24 4 | 0 55 | 6 27 | 1 30 | 21 55 | 1 13 | 19 33 | 0 13 | 6 45 | 1 37 | 21 54 | 7 19 | 3 13 | 3 39 | 5 47 | 12 28 | 7 21 |
| T 12 | 18 16 | 6 20 | 0 55 | 12 46 | 1 33 | 1 52 | 1 28 | 24 7 | 0 56 | 6 25 | 1 30 | 21 56 | 1 13 | 19 34 | 0 13 | 6 44 | 1 37 | 21 54 | 7 19 | 3 13 | 3 40 | 5 45 | 12 28 | 7 21 |
| F 13 | 18 31 | 2 44 | 0s 8 | 12 27 | 1 48 | 2 15 | 1 31 | 24 9 | 0 56 | 6 23 | 1 30 | 21 56 | 1 13 | 19 35 | 0 13 | 6 44 | 1 37 | 21 54 | 7 19 | 3 12 | 3 42 | 5 43 | 12 27 | 7 22 |
| S 14 | 18 45 | 1n 1 | 1 11 | 12 10 | 2 1 | 2 39 | 1 33 | 24 11 | 0 56 | 6 21 | 1 29 | 21 57 | 1 12 | 19 36 | 0 13 | 6 43 | 1 37 | 21 54 | 7 18 | 3 13 | 3 43 | 5 41 | 12 27 | 7 23 |
| S 15 | 18 59 | 4 46 | 2 12 | 11 55 | 2 14 | 3 2 | 1 36 | 24 13 | 0 57 | 6 20 | 1 29 | 21 57 | 1 12 | 19 36 | 0 13 | 6 43 | 1 37 | 21 53 | 7 18 | 3 14 | 3 44 | 5 40 | 12 26 | 7 23 |
| M16 | 19 13 | 8 24 | 3 7 | 11 43 | 2 26 | 3 26 | 1 39 | 24 15 | 0 57 | 6 18 | 1 29 | 21 58 | 1 12 | 19 37 | 0 13 | 6 42 | 1 37 | 21 53 | 7 18 | 3 16 | 3 45 | 5 38 | 12 26 | 7 24 |
| T 17 | 19 26 | 11 43 | 3 55 | 11 33 | 2 37 | 3 49 | 1 41 | 24 17 | 0 57 | 6 16 | 1 29 | 21 58 | 1 12 | 19 38 | 0 13 | 6 42 | 1 37 | 21 53 | 7 18 | 3 19 | 3 46 | 5 36 | 12 26 | 7 24 |
| W18 | 19 40 | 14 34 | 4 31 | 11 26 | 2 46 | 4 13 | 1 44 | 24 18 | 0 58 | 6 15 | 1 29 | 21 59 | 1 12 | 19 39 | 0 13 | 6 41 | 1 37 | 21 53 | 7 18 | 3 23 | 3 48 | 5 35 | 12 25 | 7 25 |
| T 19 | 19 52 | 16 44 | 4 55 | 11 21 | 2 55 | 4 37 | 1 46 | 24 19 | 0 58 | 6 13 | 1 28 | 21 59 | 1 12 | 19 39 | 0 13 | 6 41 | 1 37 | 21 52 | 7 18 | 3 28 | 3 49 | 5 33 | 12 25 | 7 25 |
| F 20 | 20 5 | 18 4 | 5 3 | 11 19 | 3 3 | 5 0 | 1 48 | 24 20 | 0 58 | 6 11 | 1 28 | 22 0 | 1 12 | 19 40 | 0 13 | 6 41 | 1 37 | 21 52 | 7 18 | 3 32 | 3 50 | 5 31 | 12 24 | 7 26 |
| S 21 | 20 17 | 18 24 | 4 54 | 11 18 | 3 10 | 5 24 | 1 50 | 24 21 | 0 58 | 6 10 | 1 28 | 22 0 | 1 12 | 19 41 | 0 13 | 6 40 | 1 37 | 21 52 | 7 18 | 3 36 | 3 51 | 5 29 | 12 24 | 7 27 |
| S 22 | 20 29 | 17 40 | 4 28 | 11 20 | 3 16 | 5 48 | 1 52 | 24 21 | 0 59 | 6 9 | 1 28 | 22 1 | 1 11 | 19 42 | 0 13 | 6 40 | 1 37 | 21 52 | 7 17 | 3 39 | 3 53 | 5 28 | 12 24 | 7 27 |
| M23 | 20 40 | 15 53 | 3 46 | 11 24 | 3 21 | 6 12 | 1 54 | 24 22 | 0 59 | 6 7 | 1 28 | 22 1 | 1 11 | 19 43 | 0 13 | 6 39 | 1 37 | 21 51 | 7 17 | 3 42 | 3 54 | 5 26 | 12 23 | 7 28 |
| T 24 | 20 51 | 13 10 | 2 51 | 11 31 | 3 25 | 6 35 | 1 56 | 24 22 | 0 59 | 6 6 | 1 27 | 22 2 | 1 11 | 19 43 | 0 13 | 6 39 | 1 37 | 21 51 | 7 17 | 3 43 | 3 55 | 5 24 | 12 23 | 7 28 |
| W25 | 21 2 | 9 39 | 1 45 | 11 39 | 3 28 | 6 59 | 1 57 | 24 22 | 1 0 | 6 5 | 1 27 | 22 2 | 1 11 | 19 44 | 0 13 | 6 39 | 1 37 | 21 51 | 7 17 | 3 43 | 3 56 | 5 22 | 12 23 | 7 29 |
| T 26 | 21 12 | 5 35 | 0 32 | 11 49 | 3 30 | 7 23 | 1 59 | 24 22 | 1 0 | 6 4 | 1 27 | 22 3 | 1 11 | 19 45 | 0 13 | 6 38 | 1 37 | 21 50 | 7 17 | 3 43 | 3 58 | 5 21 | 12 23 | 7 29 |
| F 27 | 21 22 | 1 10 | 0n43 | 12 1 | 3 32 | 7 46 | 2 0 | 24 21 | 1 0 | 6 3 | 1 27 | 22 3 | 1 11 | 19 46 | 0 13 | 6 38 | 1 37 | 21 50 | 7 17 | 3 43 | 3 59 | 5 19 | 12 22 | 7 30 |
| S 28 | 21 32 | 3s19 | 1 56 | 12 14 | 3 33 | 8 10 | 2 1 | 24 20 | 1 0 | 6 2 | 1 26 | 22 4 | 1 11 | 19 46 | 0 13 | 6 37 | 1 37 | 21 50 | 7 17 | 3 44 | 4 0 | 5 17 | 12 22 | 7 30 |
| S 29 | 21 41 | 7 37 | 3 1 | 12 30 | 3 32 | 8 33 | 2 3 | 24 20 | 1 1 | 6 1 | 1 26 | 22 4 | 1 11 | 19 47 | 0 13 | 6 37 | 1 37 | 21 49 | 7 17 | 3 45 | 4 1 | 5 15 | 12 22 | 7 31 |
| M30 | 21 50 | 11 27 | 3 54 | 12 47 | 3 32 | 8 56 | 2 4 | 24 18 | 1 1 | 6 0 | 1 26 | 22 5 | 1 11 | 19 48 | 0 13 | 6 37 | 1 37 | 21 49 | 7 16 | 3 48 | 4 3 | 5 14 | 12 22 | 7 31 |
| T 31 | 21n58 | 14s37 | 4n33 | 13n 5 | 3s30 | 9n20 | 2s 5 | 24n17 | 1n 1 | 5s59 | 1n26 | 22n 5 | 1s10 | 19n49 | 0s13 | 6s36 | 1n37 | 21n49 | 7n16 | 3n52 | 4n 4 | 5s12 | 12s22 | 7n32 |

Julian Day Number = 2613833.5, Delta T = 10m52s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'10, Lahiri = 30°04'10


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## JUNE 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 41 2 | 11♊27'54 | 9♐ 8 | 16♉29 | 0♉39 | 6♋ 4 | 18°R40 | 24♊28 | 29♉42 | 20°R47 | 19♑34 | 20°R 3 | 19♍39 | 16♓ 8 | 1°R45 | W 1 |
| T 2 | 16 44 58 | 12°25'32 | 22°42 | 17°33 | 1°48 | 6°43 | 18♎38 | 24°35 | 29°45 | 20♎46 | 19°35 | 19♍50 | 19°36 | 16°14 | 1♒43 | T 2 |
| F 3 | 16 48 55 | 13°23'08 | 5♑58 | 18°40 | 2°56 | 7°23 | 18°36 | 24°43 | 29°49 | 20°45 | 19°36 | 19°39 | 19°33 | 16°21 | 1°41 | F 3 |
| S 4 | 16 52 52 | 14°20'44 | 18°53 | 19°50 | 4° 5 | 8° 2 | 18°34 | 24°51 | 29°52 | 20°44 | 19°37 | 19°28 | 19°30 | 16°28 | 1°39 | S 4 |
| S 5 | 16 56 48 | 15°18'18 | 1♒28 | 21° 3 | 5°14 | 8°42 | 18°32 | 24°58 | 29°56 | 20°44 | 19°38 | 19°20 | 19°27 | 16°34 | 1°37 | S 5 |
| M 6 | 17 0 45 | 16°15'51 | 13°46 | 22°19 | 6°23 | 9°21 | 18°30 | 25° 6 | 29°59 | 20°43 | 19°39 | 19°14 | 19°23 | 16°41 | 1°35 | M 6 |
| T 7 | 17 4 41 | 17°13'24 | 25°49 | 23°38 | 7°32 | 10° 1 | 18°29 | 25°14 | 0♊ 2 | 20°42 | 19°40 | 19°11 | 19°20 | 16°47 | 1°33 | T 7 |
| W 8 | 17 8 38 | 18°10'55 | 7♓43 | 25° 0 | 8°42 | 10°40 | 18°28 | 25°22 | 0° 6 | 20°41 | 19°41 | 19°10 | 19°17 | 16°54 | 1°31 | W 8 |
| T 9 | 17 12 34 | 19° 8'26 | 19°32 | 26°24 | 9°51 | 11°19 | 18°27 | 25°29 | 0° 9 | 20°41 | 19°42 | 19°10 | 19°14 | 17° 1 | 1°28 | T 9 |
| F 10 | 17 16 31 | 20° 5'56 | 1♈21 | 27°51 | 11° 0 | 11°59 | 18°26 | 25°37 | 0°12 | 20°40 | 19°43 | 19°10 | 19°11 | 17° 7 | 1°26 | F 10 |
| S 11 | 17 20 28 | 21° 3'26 | 13°17 | 29°21 | 12°10 | 12°38 | 18°25 | 25°45 | 0°16 | 20°39 | 19°44 | 19° 9 | 19° 8 | 17°14 | 1°24 | S 11 |
| S 12 | 17 24 24 | 22° 0'54 | 25°24 | 0♊53 | 13°19 | 13°17 | 18°25 | 25°53 | 0°19 | 20°39 | 19°45 | 19° 5 | 19° 4 | 17°21 | 1°21 | S 12 |
| M13 | 17 28 21 | 22°58'22 | 7♉46 | 2°28 | 14°29 | 13°57 | 18°24 | 26° 1 | 0°22 | 20°38 | 19°46 | 19° 0 | 19° 1 | 17°27 | 1°19 | M13 |
| T 14 | 17 32 17 | 23°55'50 | 20°27 | 4° 6 | 15°39 | 14°36 | 18°D24 | 26° 8 | 0°26 | 20°38 | 19°47 | 18°51 | 18°58 | 17°34 | 1°16 | T 14 |
| W15 | 17 36 14 | 24°53'16 | 3♊29 | 5°46 | 16°48 | 15°15 | 18°24 | 26°16 | 0°29 | 20°37 | 19°48 | 18°41 | 18°55 | 17°41 | 1°13 | W15 |
| T 16 | 17 40 10 | 25°50'42 | 16°52 | 7°29 | 17°58 | 15°54 | 18°24 | 26°24 | 0°32 | 20°37 | 19°49 | 18°29 | 18°52 | 17°47 | 1°11 | T 16 |
| F 17 | 17 44 7 | 26°48'07 | 0♋33 | 9°14 | 19° 8 | 16°34 | 18°25 | 26°32 | 0°35 | 20°36 | 19°51 | 18°17 | 18°48 | 17°54 | 1° 8 | F 17 |
| S 18 | 17 48 3 | 27°45'32 | 14°30 | 11° 2 | 20°18 | 17°13 | 18°25 | 26°40 | 0°39 | 20°36 | 19°52 | 18° 6 | 18°45 | 18° 1 | 1° 5 | S 18 |
| S 19 | 17 52 0 | 28°42'55 | 28°38 | 12°53 | 21°28 | 17°52 | 18°26 | 26°47 | 0°42 | 20°35 | 19°53 | 17°57 | 18°42 | 18° 7 | 1° 2 | S 19 |
| M20 | 17 55 57 | 29°40'18 | 12♌52 | 14°46 | 22°38 | 18°31 | 18°27 | 26°55 | 0°45 | 20°35 | 19°54 | 17°51 | 18°39 | 18°14 | 0°59 | M20 |
| T 21 | 17 59 53 | 0♋37'40 | 27° 7 | 16°41 | 23°48 | 19°10 | 18°28 | 27° 3 | 0°48 | 20°35 | 19°55 | 17°47 | 18°36 | 18°20 | 0°56 | T 21 |
| W22 | 18 3 50 | 1°35'00 | 11♍22 | 18°39 | 24°58 | 19°49 | 18°29 | 27°11 | 0°51 | 20°34 | 19°57 | 17°46 | 18°33 | 18°27 | 0°53 | W22 |
| T 23 | 18 7 46 | 2°32'20 | 25°32 | 20°39 | 26° 8 | 20°28 | 18°31 | 27°19 | 0°54 | 20°34 | 19°58 | 17°46 | 18°29 | 18°34 | 0°50 | T 23 |
| F 24 | 18 11 43 | 3°29'39 | 9♎38 | 22°41 | 27°18 | 21° 7 | 18°33 | 27°26 | 0°57 | 20°34 | 19°59 | 17°46 | 18°26 | 18°40 | 0°47 | F 24 |
| S 25 | 18 15 39 | 4°26'57 | 23°39 | 24°45 | 28°29 | 21°46 | 18°34 | 27°34 | 1° 0 | 20°34 | 20° 1 | 17°45 | 18°23 | 18°47 | 0°44 | S 25 |
| S 26 | 18 19 36 | 5°24'14 | 7♏32 | 26°51 | 29°39 | 22°25 | 18°36 | 27°42 | 1° 3 | 20°34 | 20° 2 | 17°41 | 18°20 | 18°54 | 0°41 | S 26 |
| M27 | 18 23 32 | 6°21'31 | 21°18 | 28°58 | 0♊50 | 23° 4 | 18°39 | 27°50 | 1° 6 | 20°33 | 20° 3 | 17°35 | 18°17 | 19° 0 | 0°38 | M27 |
| T 28 | 18 27 29 | 7°18'47 | 4♐55 | 1♋ 7 | 2° 0 | 23°43 | 18°41 | 27°57 | 1° 9 | 20°33 | 20° 5 | 17°27 | 18°14 | 19° 7 | 0°34 | T 28 |
| W29 | 18 31 26 | 8°16'02 | 18°20 | 3°16 | 3°11 | 24°22 | 18°43 | 28° 5 | 1°12 | 20°33 | 20° 6 | 17°16 | 18°10 | 19°14 | 0°31 | W29 |
| T 30 | 18 35 22 | 9♋13'17 | 1♑32 | 5♋27 | 4♊21 | 25♋ 1 | 18♎46 | 28♊13 | 1♊15 | 20♎33 | 20♌ 8 | 17♍ 5 | 18♍ 7 | 19♓20 | 0♒28 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n 6 | 16s54 | 4n56 | 13n24 | 3s28 | 9n43 | 2s 5 | 24n16 | 1n 1 | 5s59 | 1n26 | 22n 6 | 1s10 | 19n49 | 0s13 | 6s36 | 1n37 | 21n48 | 7n16 | 3n56 | 4n 5 | 5s10 | 12s22 | 7n32 |
| T 2 | 22 14 | 18 11 | 5 1 | 13 45 | 3 25 | 10 6 | 2 6 | 24 14 | 1 2 | 5 58 | 1 25 | 22 6 | 1 10 | 19 50 | 0 13 | 6 36 | 1 36 | 21 48 | 7 16 | 4 1 | 4 6 | 5 8 | 12 22 | 7 33 |
| F 3 | 22 21 | 18 26 | 4 49 | 14 7 | 3 21 | 10 28 | 2 7 | 24 12 | 1 2 | 5 57 | 1 25 | 22 6 | 1 10 | 19 51 | 0 13 | 6 36 | 1 36 | 21 47 | 7 16 | 4 5 | 4 8 | 5 7 | 12 21 | 7 33 |
| S 4 | 22 28 | 17 43 | 4 23 | 14 30 | 3 16 | 10 51 | 2 7 | 24 10 | 1 2 | 5 57 | 1 25 | 22 7 | 1 10 | 19 51 | 0 13 | 6 35 | 1 36 | 21 47 | 7 16 | 4 9 | 4 9 | 5 5 | 12 21 | 7 34 |
| S 5 | 22 34 | 16 8 | 3 44 | 14 54 | 3 12 | 11 14 | 2 8 | 24 8 | 1 2 | 5 56 | 1 25 | 22 7 | 1 10 | 19 52 | 0 13 | 6 35 | 1 36 | 21 47 | 7 16 | 4 13 | 4 10 | 5 3 | 12 21 | 7 34 |
| M 6 | 22 40 | 13 51 | 2 56 | 15 18 | 3 6 | 11 36 | 2 8 | 24 5 | 1 2 | 5 56 | 1 24 | 22 8 | 1 10 | 19 53 | 0 13 | 6 35 | 1 36 | 21 46 | 7 16 | 4 15 | 4 11 | 5 1 | 12 21 | 7 35 |
| T 7 | 22 46 | 10 59 | 2 0 | 15 44 | 3 0 | 11 58 | 2 8 | 24 3 | 1 3 | 5 56 | 1 24 | 22 8 | 1 10 | 19 54 | 0 13 | 6 35 | 1 36 | 21 46 | 7 16 | 4 16 | 4 13 | 4 59 | 12 21 | 7 35 |
| W 8 | 22 51 | 7 43 | 1 0 | 16 10 | 2 53 | 12 20 | 2 8 | 24 0 | 1 3 | 5 56 | 1 24 | 22 8 | 1 10 | 19 54 | 0 13 | 6 34 | 1 36 | 21 45 | 7 15 | 4 17 | 4 14 | 4 58 | 12 21 | 7 36 |
| T 9 | 22 56 | 4 10 | 0s 2 | 16 37 | 2 46 | 12 42 | 2 8 | 23 57 | 1 3 | 5 55 | 1 23 | 22 9 | 1 10 | 19 55 | 0 13 | 6 34 | 1 36 | 21 45 | 7 15 | 4 17 | 4 15 | 4 56 | 12 21 | 7 36 |
| F 10 | 23 1 | 0 27 | 1 4 | 17 4 | 2 38 | 13 3 | 2 8 | 23 53 | 1 3 | 5 55 | 1 23 | 22 9 | 1 9 | 19 56 | 0 13 | 6 34 | 1 36 | 21 45 | 7 15 | 4 17 | 4 16 | 4 54 | 12 22 | 7 37 |
| S 11 | 23 5 | 3n19 | 2 4 | 17 31 | 2 30 | 13 25 | 2 8 | 23 50 | 1 3 | 5 55 | 1 23 | 22 9 | 1 9 | 19 56 | 0 13 | 6 34 | 1 36 | 21 44 | 7 15 | 4 17 | 4 18 | 4 52 | 12 22 | 7 37 |
| S 12 | 23 8 | 7 1 | 2 59 | 17 59 | 2 21 | 13 46 | 2 8 | 23 46 | 1 4 | 5 55 | 1 23 | 22 10 | 1 9 | 19 57 | 0 13 | 6 33 | 1 36 | 21 44 | 7 15 | 4 18 | 4 19 | 4 51 | 12 22 | 7 37 |
| M13 | 23 12 | 10 29 | 3 47 | 18 26 | 2 12 | 14 6 | 2 8 | 23 42 | 1 4 | 5 55 | 1 22 | 22 10 | 1 9 | 19 58 | 0 13 | 6 33 | 1 36 | 21 43 | 7 15 | 4 21 | 4 20 | 4 49 | 12 22 | 7 38 |
| T 14 | 23 14 | 13 33 | 4 25 | 18 54 | 2 3 | 14 27 | 2 7 | 23 38 | 1 4 | 5 56 | 1 22 | 22 10 | 1 9 | 19 59 | 0 13 | 6 33 | 1 36 | 21 43 | 7 15 | 4 24 | 4 21 | 4 47 | 12 22 | 7 38 |
| W15 | 23 17 | 16 2 | 4 51 | 19 22 | 1 53 | 14 47 | 2 7 | 23 34 | 1 4 | 5 56 | 1 22 | 22 11 | 1 9 | 19 59 | 0 13 | 6 33 | 1 36 | 21 42 | 7 15 | 4 28 | 4 23 | 4 45 | 12 22 | 7 39 |
| T 16 | 23 19 | 17 45 | 5 1 | 19 49 | 1 43 | 15 7 | 2 6 | 23 30 | 1 4 | 5 56 | 1 22 | 22 11 | 1 9 | 20 0 | 0 13 | 6 33 | 1 36 | 21 42 | 7 15 | 4 33 | 4 24 | 4 44 | 12 22 | 7 39 |
| F 17 | 23 20 | 18 28 | 4 54 | 20 16 | 1 32 | 15 27 | 2 6 | 23 25 | 1 4 | 5 57 | 1 21 | 22 11 | 1 9 | 20 1 | 0 13 | 6 33 | 1 36 | 21 41 | 7 15 | 4 37 | 4 25 | 4 42 | 12 23 | 7 39 |
| S 18 | 23 22 | 18 7 | 4 30 | 20 42 | 1 21 | 15 46 | 2 5 | 23 21 | 1 5 | 5 57 | 1 21 | 22 11 | 1 9 | 20 1 | 0 13 | 6 33 | 1 36 | 21 41 | 7 14 | 4 42 | 4 26 | 4 40 | 12 23 | 7 40 |
| S 19 | 23 22 | 16 38 | 3 49 | 21 7 | 1 10 | 16 5 | 2 4 | 23 16 | 1 5 | 5 58 | 1 21 | 22 12 | 1 9 | 20 2 | 0 13 | 6 33 | 1 36 | 21 40 | 7 14 | 4 45 | 4 28 | 4 38 | 12 23 | 7 40 |
| M20 | 23 23 | 14 8 | 2 54 | 21 32 | 0 59 | 16 24 | 2 3 | 23 11 | 1 5 | 5 58 | 1 21 | 22 12 | 1 9 | 20 3 | 0 13 | 6 32 | 1 36 | 21 40 | 7 14 | 4 48 | 4 29 | 4 36 | 12 23 | 7 41 |
| T 21 | 23 23 | 10 46 | 1 47 | 21 55 | 0 48 | 16 42 | 2 2 | 23 5 | 1 5 | 5 59 | 1 20 | 22 12 | 1 9 | 20 3 | 0 13 | 6 32 | 1 36 | 21 39 | 7 14 | 4 49 | 4 30 | 4 35 | 12 24 | 7 41 |
| W22 | 23 22 | 6 46 | 0 34 | 22 17 | 0 37 | 17 0 | 2 1 | 23 0 | 1 5 | 6 0 | 1 20 | 22 12 | 1 9 | 20 4 | 0 13 | 6 32 | 1 36 | 21 39 | 7 14 | 4 49 | 4 31 | 4 33 | 12 24 | 7 41 |
| T 23 | 23 21 | 2 24 | 0n41 | 22 38 | 0 25 | 17 18 | 2 0 | 22 54 | 1 5 | 6 0 | 1 20 | 22 13 | 1 8 | 20 4 | 0 13 | 6 32 | 1 36 | 21 38 | 7 14 | 4 49 | 4 32 | 4 31 | 12 24 | 7 42 |
| F 24 | 23 20 | 2s 4 | 1 53 | 22 56 | 0 14 | 17 35 | 1 58 | 22 48 | 1 6 | 6 1 | 1 20 | 22 13 | 1 8 | 20 5 | 0 13 | 6 32 | 1 36 | 21 38 | 7 14 | 4 49 | 4 34 | 4 29 | 12 24 | 7 42 |
| S 25 | 23 18 | 6 24 | 2 58 | 23 13 | 0 3 | 17 52 | 1 57 | 22 42 | 1 6 | 6 2 | 1 19 | 22 13 | 1 8 | 20 6 | 0 13 | 6 32 | 1 35 | 21 37 | 7 14 | 4 50 | 4 35 | 4 28 | 12 25 | 7 42 |
| S 26 | 23 16 | 10 20 | 3 52 | 23 28 | 0n 8 | 18 8 | 1 56 | 22 36 | 1 6 | 6 3 | 1 19 | 22 13 | 1 8 | 20 6 | 0 13 | 6 32 | 1 35 | 21 37 | 7 14 | 4 51 | 4 36 | 4 26 | 12 25 | 7 42 |
| M27 | 23 14 | 13 40 | 4 32 | 23 41 | 0 19 | 18 25 | 1 54 | 22 30 | 1 6 | 6 4 | 1 19 | 22 13 | 1 8 | 20 7 | 0 13 | 6 32 | 1 35 | 21 36 | 7 14 | 4 54 | 4 37 | 4 24 | 12 26 | 7 43 |
| T 28 | 23 11 | 16 13 | 4 55 | 23 51 | 0 29 | 18 40 | 1 53 | 22 23 | 1 6 | 6 5 | 1 19 | 22 14 | 1 8 | 20 8 | 0 13 | 6 32 | 1 35 | 21 36 | 7 14 | 4 57 | 4 39 | 4 22 | 12 26 | 7 43 |
| W29 | 23 7 | 17 51 | 5 2 | 23 59 | 0 39 | 18 55 | 1 51 | 22 17 | 1 6 | 6 7 | 1 18 | 22 14 | 1 8 | 20 8 | 0 13 | 6 32 | 1 35 | 21 35 | 7 14 | 5 1 | 4 40 | 4 20 | 12 26 | 7 43 |
| T 30 | 23n 4 | 18s29 | 4n53 | 24n 4 | 0n48 | 19n10 | 1s49 | 22n10 | 1n 6 | 6s 8 | 1n18 | 22n14 | 1s 8 | 20n 9 | 0s13 | 6s32 | 1n35 | 21n35 | 7n14 | 5n 5 | 4n41 | 4s19 | 12s27 | 7n44 |

Julian Day Number = 2613864.5, Delta T = 10m53s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'14, Lahiri = 30°04'15


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## JULY 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 39 19 | 10♋10'31 | 14♉29 | 7♋38 | 5♊32 | 25♋40 | 18♎49 | 28♊21 | 1♊18 | 20°D33 | 20♌ 9 | 16°R54 | 18♍ 4 | 19♓27 | 0°R24 | F 1 |
| S 2 | 18 43 15 | 11° 7'45 | 27°10 | 9°50 | 6°42 | 26°19 | 18°52 | 28°28 | 1°21 | 20♎33 | 20°11 | 16♍45 | 18° 1 | 19°34 | 0♒21 | S 2 |
| S 3 | 18 47 12 | 12° 4'59 | 9♒36 | 12° 1 | 7°53 | 26°58 | 18°55 | 28°36 | 1°24 | 20°33 | 20°12 | 16°37 | 17°58 | 19°40 | 0°18 | S 3 |
| M 4 | 18 51 8 | 13° 2'12 | 21°48 | 14°12 | 9° 4 | 27°36 | 18°59 | 28°44 | 1°27 | 20°33 | 20°13 | 16°32 | 17°54 | 19°47 | 0°14 | M 4 |
| T 5 | 18 55 5 | 13°59'26 | 3♓48 | 16°23 | 10°15 | 28°15 | 19° 2 | 28°51 | 1°29 | 20°33 | 20°15 | 16°29 | 17°51 | 19°54 | 0°11 | T 5 |
| W 6 | 18 59 1 | 14°56'39 | 15°40 | 18°32 | 11°26 | 28°54 | 19° 6 | 28°59 | 1°32 | 20°34 | 20°17 | 16°D28 | 17°48 | 20° 0 | 0° 7 | W 6 |
| T 7 | 19 2 58 | 15°53'52 | 27°28 | 20°41 | 12°37 | 29°33 | 19°10 | 29° 7 | 1°35 | 20°34 | 20°18 | 16°28 | 17°45 | 20° 7 | 0° 3 | T 7 |
| F 8 | 19 6 55 | 16°51'06 | 9♈17 | 22°49 | 13°48 | 0♌11 | 19°14 | 29°14 | 1°38 | 20°34 | 20°20 | 16°29 | 17°42 | 20°13 | 29♉59 | F 8 |
| S 9 | 19 10 51 | 17°48'19 | 21°13 | 24°55 | 14°59 | 0°50 | 19°18 | 29°22 | 1°40 | 20°34 | 20°21 | 16°R29 | 17°39 | 20°20 | 29°56 | S 9 |
| S 10 | 19 14 48 | 18°45'33 | 3♉21 | 26°59 | 16°10 | 1°29 | 19°22 | 29°29 | 1°43 | 20°34 | 20°23 | 16°28 | 17°35 | 20°27 | 29°53 | S 10 |
| M11 | 19 18 44 | 19°42'47 | 15°45 | 29° 3 | 17°21 | 2° 8 | 19°27 | 29°37 | 1°45 | 20°35 | 20°24 | 16°25 | 17°32 | 20°33 | 29°49 | M11 |
| T 12 | 19 22 41 | 20°40'01 | 28°31 | 1♌ 4 | 18°32 | 2°46 | 19°31 | 29°44 | 1°48 | 20°35 | 20°26 | 16°20 | 17°29 | 20°40 | 29°45 | T 12 |
| W13 | 19 26 37 | 21°37'16 | 11♊40 | 3° 3 | 19°44 | 3°25 | 19°36 | 29°52 | 1°50 | 20°35 | 20°28 | 16°13 | 17°26 | 20°47 | 29°42 | W13 |
| T 14 | 19 30 34 | 22°34'31 | 25°13 | 5° 1 | 20°55 | 4° 4 | 19°41 | 29°59 | 1°53 | 20°36 | 20°29 | 16° 5 | 17°23 | 20°53 | 29°38 | T 14 |
| F 15 | 19 34 30 | 23°31'46 | 9♋10 | 6°57 | 22° 6 | 4°42 | 19°46 | 0♋ 7 | 1°55 | 20°36 | 20°31 | 15°56 | 17°20 | 21° 0 | 29°34 | F 15 |
| S 16 | 19 38 27 | 24°29'01 | 23°26 | 8°51 | 23°18 | 5°21 | 19°51 | 0°14 | 1°58 | 20°37 | 20°32 | 15°48 | 17°16 | 21° 7 | 29°31 | S 16 |
| S 17 | 19 42 24 | 25°26'16 | 7♌57 | 10°43 | 24°29 | 6° 0 | 19°57 | 0°21 | 2° 0 | 20°37 | 20°34 | 15°42 | 17°13 | 21°13 | 29°27 | S 17 |
| M18 | 19 46 20 | 26°23'32 | 22°36 | 12°33 | 25°41 | 6°38 | 20° 2 | 0°29 | 2° 3 | 20°38 | 20°36 | 15°38 | 17°10 | 21°20 | 29°23 | M18 |
| T 19 | 19 50 17 | 27°20'47 | 7♍15 | 14°22 | 26°52 | 7°17 | 20° 8 | 0°36 | 2° 5 | 20°38 | 20°37 | 15°36 | 17° 7 | 21°27 | 29°20 | T 19 |
| W20 | 19 54 13 | 28°18'02 | 21°49 | 16° 8 | 28° 4 | 7°55 | 20°14 | 0°43 | 2° 7 | 20°39 | 20°39 | 15°D36 | 17° 4 | 21°33 | 29°16 | W20 |
| T 21 | 19 58 10 | 29°15'18 | 6♎14 | 17°52 | 29°15 | 8°34 | 20°20 | 0°50 | 2° 9 | 20°40 | 20°41 | 15°37 | 17° 0 | 21°40 | 29°12 | T 21 |
| F 22 | 20 2 6 | 0♌12'33 | 20°27 | 19°35 | 0♋27 | 9°12 | 20°26 | 0°58 | 2°12 | 20°40 | 20°43 | 15°38 | 16°57 | 21°46 | 29° 9 | F 22 |
| S 23 | 20 6 3 | 1° 9'48 | 4♏26 | 21°15 | 1°39 | 9°51 | 20°32 | 1° 5 | 2°14 | 20°41 | 20°44 | 15°R38 | 16°54 | 21°53 | 29° 5 | S 23 |
| S 24 | 20 9 59 | 2° 7'04 | 18°11 | 22°54 | 2°51 | 10°29 | 20°39 | 1°12 | 2°16 | 20°42 | 20°46 | 15°37 | 16°51 | 22° 0 | 29° 1 | S 24 |
| M25 | 20 13 56 | 3° 4'19 | 1♐41 | 24°30 | 4° 2 | 11° 8 | 20°45 | 1°19 | 2°18 | 20°42 | 20°48 | 15°34 | 16°48 | 22° 6 | 28°58 | M25 |
| T 26 | 20 17 53 | 4° 1'35 | 14°58 | 26° 5 | 5°14 | 11°46 | 20°52 | 1°26 | 2°20 | 20°43 | 20°49 | 15°29 | 16°45 | 22°13 | 28°54 | T 26 |
| W27 | 20 21 49 | 4°58'51 | 28° 2 | 27°38 | 6°26 | 12°25 | 20°59 | 1°33 | 2°22 | 20°44 | 20°51 | 15°23 | 16°41 | 22°20 | 28°50 | W27 |
| T 28 | 20 25 46 | 5°56'07 | 10♑52 | 29° 8 | 7°38 | 13° 3 | 21° 6 | 1°40 | 2°24 | 20°45 | 20°53 | 15°16 | 16°38 | 22°26 | 28°47 | T 28 |
| F 29 | 20 29 42 | 6°53'24 | 23°29 | 0♍37 | 8°50 | 13°42 | 21°13 | 1°47 | 2°26 | 20°46 | 20°55 | 15°10 | 16°35 | 22°33 | 28°43 | F 29 |
| S 30 | 20 33 39 | 7°50'41 | 5♒54 | 2° 4 | 10° 2 | 14°20 | 21°20 | 1°54 | 2°28 | 20°47 | 20°56 | 15° 4 | 16°32 | 22°40 | 28°39 | S 30 |
| S 31 | 20 37 35 | 8♌47'59 | 18♒ 7 | 3♍29 | 11♋14 | 14♌58 | 21♎27 | 2♋ 0 | 2♊30 | 20♎47 | 20♌58 | 15♍ 0 | 16♍29 | 22♓46 | 28♉36 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n59 | 18s 8 | 4n29 | 24n 7 | 0n57 | 19n24 | 1s48 | 22n 3 | 1n 7 | 6s 9 | 1n18 | 22n14 | 1s 8 | 20n 9 | 0s13 | 6s32 | 1n35 | 21n34 | 7n14 | 5n 9 | 4n42 | 4s17 | 12s27 | 7n44 |
| S 2 | 22 55 | 16 53 | 3 51 | 24 6 | 1 6 | 19 38 | 1 46 | 21 56 | 1 7 | 6 11 | 1 18 | 22 14 | 1 8 | 20 10 | 0 13 | 6 32 | 1 35 | 21 34 | 7 13 | 5 13 | 4 44 | 4 15 | 12 28 | 7 44 |
| S 3 | 22 50 | 14 51 | 3 3 | 24 3 | 1 13 | 19 51 | 1 44 | 21 48 | 1 7 | 6 12 | 1 17 | 22 14 | 1 8 | 20 11 | 0 13 | 6 32 | 1 35 | 21 33 | 7 13 | 5 16 | 4 45 | 4 13 | 12 28 | 7 44 |
| M 4 | 22 45 | 12 11 | 2 8 | 23 58 | 1 21 | 20 4 | 1 42 | 21 41 | 1 7 | 6 14 | 1 17 | 22 15 | 1 8 | 20 11 | 0 13 | 6 32 | 1 35 | 21 33 | 7 13 | 5 18 | 4 46 | 4 12 | 12 29 | 7 44 |
| T 5 | 22 39 | 9 3 | 1 7 | 23 49 | 1 27 | 20 17 | 1 40 | 21 33 | 1 7 | 6 15 | 1 17 | 22 15 | 1 8 | 20 12 | 0 13 | 6 32 | 1 35 | 21 32 | 7 13 | 5 19 | 4 47 | 4 10 | 12 29 | 7 45 |
| W 6 | 22 33 | 5 34 | 0 4 | 23 38 | 1 33 | 20 28 | 1 38 | 21 25 | 1 7 | 6 17 | 1 17 | 22 15 | 1 8 | 20 12 | 0 13 | 6 33 | 1 35 | 21 32 | 7 13 | 5 20 | 4 49 | 4 8 | 12 30 | 7 45 |
| T 7 | 22 26 | 1 54 | 0s59 | 23 24 | 1 37 | 20 40 | 1 36 | 21 17 | 1 7 | 6 18 | 1 16 | 22 15 | 1 8 | 20 13 | 0 13 | 6 33 | 1 35 | 21 31 | 7 13 | 5 20 | 4 50 | 4 6 | 12 30 | 7 45 |
| F 8 | 22 19 | 1n51 | 1 59 | 23 8 | 1 42 | 20 51 | 1 34 | 21 9 | 1 7 | 6 20 | 1 16 | 22 15 | 1 8 | 20 13 | 0 13 | 6 33 | 1 35 | 21 31 | 7 13 | 5 19 | 4 51 | 4 4 | 12 31 | 7 45 |
| S 9 | 22 12 | 5 33 | 2 55 | 22 49 | 1 45 | 21 1 | 1 32 | 21 1 | 1 7 | 6 22 | 1 16 | 22 15 | 1 8 | 20 14 | 0 13 | 6 33 | 1 35 | 21 30 | 7 13 | 5 19 | 4 52 | 4 3 | 12 31 | 7 45 |
| S 10 | 22 4 | 9 5 | 3 44 | 22 28 | 1 48 | 21 11 | 1 30 | 20 53 | 1 7 | 6 24 | 1 16 | 22 15 | 1 8 | 20 14 | 0 13 | 6 33 | 1 35 | 21 30 | 7 13 | 5 20 | 4 54 | 4 1 | 12 32 | 7 45 |
| M11 | 21 56 | 12 18 | 4 24 | 22 5 | 1 50 | 21 20 | 1 27 | 20 44 | 1 8 | 6 26 | 1 15 | 22 15 | 1 8 | 20 15 | 0 13 | 6 33 | 1 35 | 21 29 | 7 13 | 5 21 | 4 55 | 3 59 | 12 33 | 7 46 |
| T 12 | 21 48 | 15 2 | 4 52 | 21 40 | 1 51 | 21 29 | 1 25 | 20 35 | 1 8 | 6 28 | 1 15 | 22 15 | 1 8 | 20 15 | 0 13 | 6 33 | 1 35 | 21 28 | 7 13 | 5 23 | 4 56 | 3 57 | 12 33 | 7 46 |
| W13 | 21 39 | 17 5 | 5 6 | 21 14 | 1 51 | 21 37 | 1 23 | 20 26 | 1 8 | 6 30 | 1 15 | 22 15 | 1 7 | 20 16 | 0 13 | 6 34 | 1 35 | 21 28 | 7 13 | 5 26 | 4 57 | 3 55 | 12 34 | 7 46 |
| T 14 | 21 30 | 18 15 | 5 3 | 20 45 | 1 51 | 21 44 | 1 20 | 20 17 | 1 8 | 6 32 | 1 15 | 22 15 | 1 7 | 20 16 | 0 13 | 6 34 | 1 35 | 21 27 | 7 13 | 5 29 | 4 58 | 3 54 | 12 35 | 7 46 |
| F 15 | 21 20 | 18 22 | 4 42 | 20 16 | 1 50 | 21 51 | 1 18 | 20 8 | 1 8 | 6 34 | 1 14 | 22 15 | 1 7 | 20 17 | 0 13 | 6 34 | 1 35 | 21 27 | 7 13 | 5 32 | 5 0 | 3 52 | 12 35 | 7 46 |
| S 16 | 21 10 | 17 21 | 4 3 | 19 45 | 1 48 | 21 57 | 1 15 | 19 59 | 1 8 | 6 36 | 1 14 | 22 15 | 1 7 | 20 17 | 0 13 | 6 34 | 1 34 | 21 26 | 7 13 | 5 35 | 5 1 | 3 50 | 12 36 | 7 46 |
| S 17 | 21 0 | 15 12 | 3 9 | 19 12 | 1 46 | 22 3 | 1 13 | 19 50 | 1 8 | 6 38 | 1 14 | 22 15 | 1 7 | 20 18 | 0 13 | 6 34 | 1 34 | 21 26 | 7 13 | 5 38 | 5 2 | 3 48 | 12 37 | 7 46 |
| M18 | 20 49 | 12 2 | 2 1 | 18 39 | 1 43 | 22 8 | 1 10 | 19 40 | 1 8 | 6 41 | 1 14 | 22 15 | 1 7 | 20 18 | 0 13 | 6 35 | 1 34 | 21 25 | 7 13 | 5 39 | 5 3 | 3 46 | 12 37 | 7 46 |
| T 19 | 20 38 | 8 8 | 0 45 | 18 4 | 1 40 | 22 13 | 1 8 | 19 30 | 1 8 | 6 43 | 1 13 | 22 15 | 1 7 | 20 19 | 0 13 | 6 35 | 1 34 | 21 25 | 7 13 | 5 40 | 5 5 | 3 45 | 12 38 | 7 46 |
| W20 | 20 27 | 3 45 | 0n34 | 17 29 | 1 36 | 22 17 | 1 5 | 19 20 | 1 8 | 6 45 | 1 13 | 22 15 | 1 7 | 20 19 | 0 13 | 6 35 | 1 34 | 21 24 | 7 13 | 5 40 | 5 6 | 3 43 | 12 39 | 7 46 |
| T 21 | 20 15 | 0s48 | 1 49 | 16 53 | 1 31 | 22 20 | 1 2 | 19 10 | 1 8 | 6 48 | 1 13 | 22 15 | 1 7 | 20 20 | 0 13 | 6 35 | 1 34 | 21 23 | 7 13 | 5 40 | 5 7 | 3 41 | 12 39 | 7 46 |
| F 22 | 20 3 | 5 14 | 2 57 | 16 17 | 1 26 | 22 23 | 1 0 | 19 0 | 1 8 | 6 50 | 1 13 | 22 15 | 1 7 | 20 20 | 0 13 | 6 36 | 1 34 | 21 23 | 7 13 | 5 39 | 5 8 | 3 39 | 12 40 | 7 46 |
| S 23 | 19 51 | 9 18 | 3 54 | 15 39 | 1 21 | 22 25 | 0 57 | 18 50 | 1 8 | 6 53 | 1 12 | 22 15 | 1 7 | 20 21 | 0 13 | 6 36 | 1 34 | 21 22 | 7 13 | 5 39 | 5 10 | 3 37 | 12 41 | 7 46 |
| S 24 | 19 38 | 12 47 | 4 35 | 15 2 | 1 15 | 22 27 | 0 54 | 18 40 | 1 8 | 6 56 | 1 12 | 22 15 | 1 7 | 20 21 | 0 13 | 6 36 | 1 34 | 21 22 | 7 13 | 5 40 | 5 11 | 3 36 | 12 42 | 7 46 |
| M25 | 19 25 | 15 32 | 5 1 | 14 24 | 1 8 | 22 28 | 0 52 | 18 29 | 1 8 | 6 58 | 1 12 | 22 15 | 1 7 | 20 21 | 0 13 | 6 37 | 1 34 | 21 21 | 7 13 | 5 41 | 5 12 | 3 34 | 12 42 | 7 46 |
| T 26 | 19 12 | 17 24 | 5 10 | 13 45 | 1 1 | 22 28 | 0 49 | 18 19 | 1 9 | 7 1 | 1 12 | 22 15 | 1 7 | 20 22 | 0 13 | 6 37 | 1 34 | 21 21 | 7 13 | 5 42 | 5 13 | 3 32 | 12 43 | 7 46 |
| W27 | 18 58 | 18 19 | 5 2 | 13 7 | 0 54 | 22 27 | 0 46 | 18 8 | 1 9 | 7 4 | 1 12 | 22 15 | 1 7 | 20 22 | 0 13 | 6 37 | 1 34 | 21 20 | 7 13 | 5 45 | 5 14 | 3 30 | 12 44 | 7 46 |
| T 28 | 18 44 | 18 17 | 4 40 | 12 28 | 0 46 | 22 26 | 0 43 | 17 57 | 1 9 | 7 6 | 1 11 | 22 15 | 1 7 | 20 23 | 0 13 | 6 38 | 1 34 | 21 20 | 7 13 | 5 47 | 5 16 | 3 28 | 12 45 | 7 46 |
| F 29 | 18 30 | 17 20 | 4 4 | 11 49 | 0 38 | 22 25 | 0 40 | 17 46 | 1 9 | 7 9 | 1 11 | 22 15 | 1 7 | 20 23 | 0 13 | 6 38 | 1 34 | 21 19 | 7 13 | 5 50 | 5 17 | 3 27 | 12 46 | 7 46 |
| S 30 | 18 16 | 15 34 | 3 17 | 11 11 | 0 30 | 22 22 | 0 38 | 17 35 | 1 9 | 7 12 | 1 11 | 22 15 | 1 7 | 20 23 | 0 13 | 6 38 | 1 34 | 21 18 | 7 13 | 5 52 | 5 18 | 3 25 | 12 46 | 7 46 |
| S 31 | 18n 1 | 13s 7 | 2n21 | 10n32 | 0n21 | 22n20 | 0s35 | 17n24 | 1n 9 | 7s15 | 1n11 | 22n15 | 1s 7 | 20n24 | 0s13 | 6s39 | 1n34 | 21n18 | 7n13 | 5n54 | 5n19 | 3s23 | 12s47 | 7n45 |

Julian Day Number = 2613894.5, Delta T = 10m53s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'18, Lahiri = 30°04'19


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## AUGUST 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 41 32 | 9♌45'17 | 0♓10 | 4♍52 | 12♋27 | 15♌37 | 21♎35 | 2♋ 7 | 2♊32 | 20♎48 | 21♌ 0 | 14°R57 | 16♍26 | 22♓53 | 28°R32 | M 1 |
| T 2 | 20 45 28 | 10°42'36 | 12° 4 | 6°13 | 13°39 | 16°15 | 21°42 | 2°14 | 2°33 | 20°49 | 21° 2 | 14°D56 | 16°22 | 23° 0 | 28♉28 | T 2 |
| W 3 | 20 49 25 | 11°39'56 | 23°54 | 7°31 | 14°51 | 16°54 | 21°50 | 2°20 | 2°35 | 20°50 | 21° 4 | 14♍56 | 16°19 | 23° 6 | 28°25 | W 3 |
| T 4 | 20 53 22 | 12°37'16 | 5♈41 | 8°48 | 16° 3 | 17°32 | 21°58 | 2°27 | 2°37 | 20°51 | 21° 5 | 14°57 | 16°16 | 23°13 | 28°21 | T 4 |
| F 5 | 20 57 18 | 13°34'38 | 17°30 | 10° 2 | 17°16 | 18°10 | 22° 6 | 2°34 | 2°38 | 20°53 | 21° 7 | 14°59 | 16°13 | 23°19 | 28°18 | F 5 |
| S 6 | 21 1 15 | 14°32'00 | 29°26 | 11°14 | 18°28 | 18°49 | 22°14 | 2°40 | 2°40 | 20°54 | 21° 9 | 15° 1 | 16°10 | 23°26 | 28°14 | S 6 |
| S 7 | 21 5 11 | 15°29'24 | 11♉33 | 12°24 | 19°40 | 19°27 | 22°22 | 2°47 | 2°41 | 20°55 | 21°11 | 15°R 2 | 16° 6 | 23°33 | 28°11 | S 7 |
| M 8 | 21 9 8 | 16°26'49 | 23°56 | 13°31 | 20°53 | 20° 5 | 22°30 | 2°53 | 2°43 | 20°56 | 21°13 | 15° 1 | 16° 3 | 23°39 | 28° 8 | M 8 |
| T 9 | 21 13 4 | 17°24'14 | 6♊40 | 14°36 | 22° 5 | 20°44 | 22°39 | 2°59 | 2°44 | 20°57 | 21°14 | 15° 0 | 16° 0 | 23°46 | 28° 4 | T 9 |
| W10 | 21 17 1 | 18°21'41 | 19°48 | 15°38 | 23°18 | 21°22 | 22°47 | 3° 6 | 2°46 | 20°58 | 21°16 | 14°58 | 15°57 | 23°53 | 28° 1 | W10 |
| T 11 | 21 20 57 | 19°19'10 | 3♋22 | 16°37 | 24°31 | 22° 0 | 22°56 | 3°12 | 2°47 | 21° 0 | 21°18 | 14°54 | 15°54 | 23°59 | 27°57 | T 11 |
| F 12 | 21 24 54 | 20°16'39 | 17°23 | 17°34 | 25°43 | 22°39 | 23° 4 | 3°18 | 2°48 | 21° 1 | 21°20 | 14°51 | 15°51 | 24° 6 | 27°54 | F 12 |
| S 13 | 21 28 51 | 21°14'09 | 1♌48 | 18°28 | 26°56 | 23°17 | 23°13 | 3°24 | 2°50 | 21° 2 | 21°22 | 14°48 | 15°47 | 24°13 | 27°51 | S 13 |
| S 14 | 21 32 47 | 22°11'41 | 16°33 | 19°18 | 28° 9 | 23°55 | 23°22 | 3°30 | 2°51 | 21° 3 | 21°23 | 14°45 | 15°44 | 24°19 | 27°48 | S 14 |
| M15 | 21 36 44 | 23° 9'13 | 1♍29 | 20° 5 | 29°22 | 24°33 | 23°31 | 3°36 | 2°52 | 21° 5 | 21°25 | 14°44 | 15°41 | 24°26 | 27°45 | M15 |
| T 16 | 21 40 40 | 24° 6'47 | 16°30 | 20°49 | 0♌34 | 25°12 | 23°41 | 3°42 | 2°53 | 21° 6 | 21°27 | 14°D43 | 15°38 | 24°33 | 27°41 | T 16 |
| W17 | 21 44 37 | 25° 4'21 | 1♎26 | 21°29 | 1°47 | 25°50 | 23°50 | 3°48 | 2°54 | 21° 8 | 21°29 | 14°44 | 15°35 | 24°39 | 27°38 | W17 |
| T 18 | 21 48 33 | 26° 1'57 | 16°10 | 22° 6 | 3° 0 | 26°28 | 23°59 | 3°54 | 2°55 | 21° 9 | 21°31 | 14°45 | 15°32 | 24°46 | 27°35 | T 18 |
| F 19 | 21 52 30 | 26°59'33 | 0♏38 | 22°38 | 4°13 | 27° 7 | 24° 9 | 4° 0 | 2°56 | 21°10 | 21°33 | 14°46 | 15°28 | 24°53 | 27°32 | F 19 |
| S 20 | 21 56 26 | 27°57'10 | 14°45 | 23° 7 | 5°26 | 27°45 | 24°18 | 4° 5 | 2°57 | 21°12 | 21°34 | 14°47 | 15°25 | 24°59 | 27°29 | S 20 |
| S 21 | 22 0 23 | 28°54'48 | 28°32 | 23°31 | 6°39 | 28°23 | 24°28 | 4°11 | 2°58 | 21°13 | 21°36 | 14°R47 | 15°22 | 25° 6 | 27°26 | S 21 |
| M22 | 22 4 20 | 29°52'27 | 11♐57 | 23°50 | 7°52 | 29° 1 | 24°38 | 4°17 | 2°59 | 21°15 | 21°38 | 14°47 | 15°19 | 25°12 | 27°24 | M22 |
| T 23 | 22 8 16 | 0♑50'07 | 25° 3 | 24° 4 | 9° 6 | 29°39 | 24°48 | 4°22 | 3° 0 | 21°17 | 21°40 | 14°46 | 15°16 | 25°19 | 27°21 | T 23 |
| W24 | 22 12 13 | 1°47'48 | 7♑52 | 24°13 | 10°19 | 0♑18 | 24°57 | 4°27 | 3° 1 | 21°18 | 21°42 | 14°45 | 15°12 | 25°26 | 27°18 | W24 |
| T 25 | 22 16 9 | 2°45'29 | 20°25 | 24°R17 | 11°32 | 0°56 | 25° 8 | 4°33 | 3° 1 | 21°20 | 21°43 | 14°43 | 15° 9 | 25°32 | 27°15 | T 25 |
| F 26 | 22 20 6 | 3°43'12 | 2♒46 | 24°15 | 12°45 | 1°34 | 25°18 | 4°38 | 3° 2 | 21°21 | 21°45 | 14°41 | 15° 6 | 25°39 | 27°13 | F 26 |
| S 27 | 22 24 2 | 4°40'57 | 14°55 | 24° 8 | 13°59 | 2°12 | 25°28 | 4°43 | 3° 2 | 21°23 | 21°47 | 14°40 | 15° 3 | 25°46 | 27°10 | S 27 |
| S 28 | 22 27 59 | 5°38'42 | 26°57 | 23°55 | 15°12 | 2°50 | 25°38 | 4°48 | 3° 3 | 21°25 | 21°49 | 14°39 | 15° 0 | 25°52 | 27° 8 | S 28 |
| M29 | 22 31 55 | 6°36'29 | 8♓51 | 23°36 | 16°25 | 3°29 | 25°49 | 4°53 | 3° 3 | 21°26 | 21°50 | 14°39 | 14°57 | 25°59 | 27° 5 | M29 |
| T 30 | 22 35 52 | 7°34'17 | 20°41 | 23°12 | 17°39 | 4° 7 | 25°59 | 4°58 | 3° 4 | 21°28 | 21°52 | 14°D39 | 14°53 | 26° 6 | 27° 3 | T 30 |
| W31 | 22 39 48 | 8♍32'07 | 2♈29 | 22♍41 | 18♌52 | 4♍45 | 26♎10 | 5♋ 3 | 3♊ 4 | 21♎30 | 21♌54 | 14♍39 | 14♍50 | 26♓12 | 27♑ 0 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17n46 | 10s 8 | 1n20 | 9n54 | 0n12 | 22n16 | 0s32 | 17n13 | 1n 9 | 7s18 | 1n10 | 22n15 | 1s 7 | 20n24 | 0s13 | 6s39 | 1n34 | 21n17 | 7n13 | 5n55 | 5n21 | 3s21 | 12s48 | 7n45 |
| T 2 | 17 30 | 6 46 | 0 16 | 9 15 | 0 3 | 22 12 | 0 29 | 17 1 | 1 9 | 7 21 | 1 10 | 22 15 | 1 7 | 20 24 | 0 13 | 6 40 | 1 34 | 21 17 | 7 13 | 5 55 | 5 22 | 3 19 | 12 49 | 7 45 |
| W 3 | 17 15 | 3 10 | 0s49 | 8 37 | 0s 7 | 22 7 | 0 26 | 16 50 | 1 9 | 7 24 | 1 10 | 22 14 | 1 7 | 20 25 | 0 13 | 6 40 | 1 34 | 21 16 | 7 13 | 5 55 | 5 23 | 3 17 | 12 50 | 7 45 |
| T 4 | 16 59 | 0n33 | 1 51 | 7 59 | 0 17 | 22 2 | 0 24 | 16 38 | 1 9 | 7 27 | 1 10 | 22 14 | 1 7 | 20 25 | 0 13 | 6 41 | 1 34 | 21 16 | 7 13 | 5 55 | 5 24 | 3 16 | 12 50 | 7 45 |
| F 5 | 16 42 | 4 15 | 2 49 | 7 22 | 0 27 | 21 55 | 0 21 | 16 26 | 1 9 | 7 30 | 1 10 | 22 14 | 1 7 | 20 25 | 0 13 | 6 41 | 1 34 | 21 15 | 7 13 | 5 54 | 5 26 | 3 14 | 12 51 | 7 45 |
| S 6 | 16 26 | 7 48 | 3 40 | 6 45 | 0 37 | 21 49 | 0 18 | 16 14 | 1 9 | 7 34 | 1 9 | 22 14 | 1 7 | 20 26 | 0 13 | 6 41 | 1 34 | 21 15 | 7 13 | 5 53 | 5 27 | 3 12 | 12 52 | 7 45 |
| S 7 | 16 9 | 11 6 | 4 23 | 6 9 | 0 48 | 21 41 | 0 15 | 16 2 | 1 9 | 7 37 | 1 9 | 22 14 | 1 7 | 20 26 | 0 13 | 6 42 | 1 33 | 21 14 | 7 13 | 5 53 | 5 28 | 3 10 | 12 53 | 7 44 |
| M 8 | 15 52 | 13 58 | 4 54 | 5 34 | 0 59 | 21 33 | 0 12 | 15 50 | 1 9 | 7 40 | 1 9 | 22 14 | 1 7 | 20 26 | 0 13 | 6 42 | 1 33 | 21 14 | 7 13 | 5 53 | 5 29 | 3 8 | 12 54 | 7 44 |
| T 9 | 15 35 | 16 15 | 5 11 | 4 59 | 1 10 | 21 25 | 0 10 | 15 38 | 1 9 | 7 43 | 1 9 | 22 14 | 1 7 | 20 26 | 0 13 | 6 43 | 1 33 | 21 13 | 7 13 | 5 54 | 5 30 | 3 7 | 12 55 | 7 44 |
| W10 | 15 17 | 17 47 | 5 13 | 4 25 | 1 21 | 21 16 | 0 7 | 15 26 | 1 9 | 7 47 | 1 9 | 22 14 | 1 7 | 20 27 | 0 13 | 6 43 | 1 33 | 21 12 | 7 14 | 5 55 | 5 32 | 3 5 | 12 56 | 7 44 |
| T 11 | 14 59 | 18 22 | 4 58 | 3 51 | 1 32 | 21 6 | 0 4 | 15 13 | 1 9 | 7 50 | 1 8 | 22 13 | 1 7 | 20 27 | 0 13 | 6 44 | 1 33 | 21 12 | 7 14 | 5 56 | 5 33 | 3 3 | 12 56 | 7 43 |
| F 12 | 14 41 | 17 52 | 4 25 | 3 19 | 1 43 | 20 55 | 0 1 | 15 1 | 1 9 | 7 53 | 1 8 | 22 13 | 1 7 | 20 27 | 0 13 | 6 44 | 1 33 | 21 11 | 7 14 | 5 57 | 5 34 | 3 1 | 12 57 | 7 43 |
| S 13 | 14 23 | 16 13 | 3 35 | 2 47 | 1 55 | 20 44 | 0n 1 | 14 48 | 1 9 | 7 57 | 1 8 | 22 13 | 1 7 | 20 28 | 0 13 | 6 45 | 1 33 | 21 11 | 7 14 | 5 58 | 5 35 | 2 59 | 12 58 | 7 43 |
| S 14 | 14 5 | 13 28 | 2 29 | 2 17 | 2 6 | 20 33 | 0 4 | 14 36 | 1 9 | 8 0 | 1 8 | 22 13 | 1 7 | 20 28 | 0 13 | 6 45 | 1 33 | 21 10 | 7 14 | 5 59 | 5 37 | 2 57 | 12 59 | 7 43 |
| M15 | 13 46 | 9 47 | 1 12 | 1 48 | 2 18 | 20 21 | 0 7 | 14 23 | 1 9 | 8 4 | 1 8 | 22 13 | 1 7 | 20 28 | 0 13 | 6 46 | 1 33 | 21 10 | 7 14 | 6 0 | 5 38 | 2 56 | 13 0 | 7 42 |
| T 16 | 13 27 | 5 28 | 0n10 | 1 21 | 2 29 | 20 8 | 0 10 | 14 10 | 1 9 | 8 7 | 1 8 | 22 13 | 1 7 | 20 28 | 0 13 | 6 46 | 1 33 | 21 9 | 7 14 | 6 0 | 5 39 | 2 54 | 13 1 | 7 42 |
| W17 | 13 8 | 0 50 | 1 31 | 0 54 | 2 40 | 19 55 | 0 12 | 13 57 | 1 9 | 8 11 | 1 7 | 22 12 | 1 7 | 20 28 | 0 13 | 6 47 | 1 33 | 21 9 | 7 14 | 6 0 | 5 40 | 2 52 | 13 2 | 7 42 |
| T 18 | 12 49 | 3s48 | 2 45 | 0 30 | 2 52 | 19 41 | 0 15 | 13 44 | 1 9 | 8 15 | 1 7 | 22 12 | 1 7 | 20 29 | 0 13 | 6 48 | 1 33 | 21 8 | 7 14 | 6 0 | 5 42 | 2 50 | 13 3 | 7 41 |
| F 19 | 12 29 | 8 6 | 3 48 | 0 7 | 3 3 | 19 26 | 0 17 | 13 31 | 1 9 | 8 18 | 1 7 | 22 12 | 1 7 | 20 29 | 0 13 | 6 48 | 1 33 | 21 8 | 7 14 | 5 59 | 5 43 | 2 48 | 13 3 | 7 41 |
| S 20 | 12 9 | 11 51 | 4 34 | 0s14 | 3 14 | 19 11 | 0 20 | 13 18 | 1 9 | 8 22 | 1 7 | 22 12 | 1 7 | 20 29 | 0 13 | 6 49 | 1 33 | 21 7 | 7 14 | 5 59 | 5 44 | 2 46 | 13 4 | 7 41 |
| S 21 | 11 49 | 14 50 | 5 4 | 0 33 | 3 24 | 18 56 | 0 23 | 13 5 | 1 9 | 8 26 | 1 7 | 22 12 | 1 7 | 20 29 | 0 13 | 6 49 | 1 33 | 21 7 | 7 14 | 5 59 | 5 45 | 2 45 | 13 5 | 7 40 |
| M22 | 11 29 | 16 56 | 5 16 | 0 50 | 3 34 | 18 40 | 0 25 | 12 51 | 1 9 | 8 29 | 1 6 | 22 12 | 1 7 | 20 29 | 0 13 | 6 50 | 1 33 | 21 6 | 7 14 | 5 59 | 5 46 | 2 43 | 13 6 | 7 40 |
| T 23 | 11 9 | 18 6 | 5 12 | 1 5 | 3 44 | 18 23 | 0 28 | 12 38 | 1 9 | 8 33 | 1 6 | 22 11 | 1 7 | 20 29 | 0 13 | 6 51 | 1 33 | 21 6 | 7 15 | 5 59 | 5 48 | 2 41 | 13 7 | 7 40 |
| W24 | 10 49 | 18 18 | 4 51 | 1 17 | 3 54 | 18 6 | 0 30 | 12 25 | 1 8 | 8 37 | 1 6 | 22 11 | 1 7 | 20 30 | 0 13 | 6 51 | 1 33 | 21 5 | 7 15 | 6 0 | 5 49 | 2 39 | 13 8 | 7 39 |
| T 25 | 10 28 | 17 35 | 4 18 | 1 27 | 4 2 | 17 48 | 0 33 | 12 11 | 1 8 | 8 41 | 1 6 | 22 11 | 1 7 | 20 30 | 0 13 | 6 52 | 1 33 | 21 5 | 7 15 | 6 0 | 5 50 | 2 37 | 13 9 | 7 39 |
| F 26 | 10 7 | 16 3 | 3 32 | 1 34 | 4 10 | 17 30 | 0 35 | 11 57 | 1 8 | 8 44 | 1 6 | 22 11 | 1 7 | 20 30 | 0 13 | 6 52 | 1 33 | 21 4 | 7 15 | 6 1 | 5 51 | 2 36 | 13 10 | 7 39 |
| S 27 | 9 46 | 13 48 | 2 38 | 1 37 | 4 18 | 17 11 | 0 37 | 11 44 | 1 8 | 8 48 | 1 6 | 22 11 | 1 7 | 20 30 | 0 13 | 6 53 | 1 33 | 21 4 | 7 15 | 6 1 | 5 53 | 2 34 | 13 10 | 7 38 |
| S 28 | 9 25 | 10 59 | 1 37 | 1 38 | 4 24 | 16 52 | 0 40 | 11 30 | 1 8 | 8 52 | 1 5 | 22 10 | 1 7 | 20 30 | 0 13 | 6 54 | 1 33 | 21 3 | 7 15 | 6 2 | 5 54 | 2 32 | 13 11 | 7 38 |
| M29 | 9 4 | 7 44 | 0 32 | 1 35 | 4 29 | 16 32 | 0 42 | 11 16 | 1 8 | 8 56 | 1 5 | 22 10 | 1 7 | 20 30 | 0 13 | 6 54 | 1 33 | 21 3 | 7 15 | 6 2 | 5 55 | 2 30 | 13 12 | 7 37 |
| T 30 | 8 42 | 4 12 | 0s34 | 1 29 | 4 33 | 16 12 | 0 44 | 11 2 | 1 8 | 9 0 | 1 5 | 22 10 | 1 7 | 20 30 | 0 13 | 6 55 | 1 33 | 21 2 | 7 15 | 6 2 | 5 56 | 2 28 | 13 13 | 7 37 |
| W31 | 8n21 | 0s31 | 1s38 | 1s20 | 4s36 | 15n52 | 0n46 | 10n48 | 1n 8 | 9s 4 | 1n 5 | 22n10 | 1s 7 | 20n30 | 0s13 | 6s56 | 1n33 | 21n 2 | 7n15 | 6n 2 | 5n57 | 2s26 | 13s14 | 7n37 |

Julian Day Number = 2613925.5, Delta T = 10m53s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'23, Lahiri = 30°04'23


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## SEPTEMBER 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 43 45 | 9♍29'58 | 14♈17 | 22°R 5 | 20♌ 6 | 5♍23 | 26♎20 | 5♋ 8 | 3♊ 5 | 21♎32 | 21♌56 | 14♍39 | 14♍47 | 26♓19 | 26°R58 | T 1 |
| F 2 | 22 47 42 | 10°27'51 | 26° 8 | 21♍25 | 21°19 | 6° 1 | 26°31 | 5°13 | 3° 5 | 21°33 | 21°57 | 14°40 | 14°44 | 26°26 | 26♉56 | F 2 |
| S 3 | 22 51 38 | 11°25'45 | 8♉ 6 | 20°39 | 22°33 | 6°40 | 26°42 | 5°17 | 3° 5 | 21°35 | 21°59 | 14°40 | 14°41 | 26°32 | 26°54 | S 3 |
| S 4 | 22 55 35 | 12°23'41 | 20°14 | 19°49 | 23°47 | 7°18 | 26°53 | 5°22 | 3° 5 | 21°37 | 22° 1 | 14°41 | 14°37 | 26°39 | 26°52 | S 4 |
| M 5 | 22 59 31 | 13°21'39 | 2♊36 | 18°56 | 25° 0 | 7°56 | 27° 3 | 5°26 | 3° 5 | 21°39 | 22° 3 | 14°41 | 14°34 | 26°46 | 26°50 | M 5 |
| T 6 | 23 3 28 | 14°19'39 | 15°17 | 18° 1 | 26°14 | 8°34 | 27°14 | 5°31 | 3° 6 | 21°41 | 22° 4 | 14°41 | 14°31 | 26°52 | 26°48 | T 6 |
| W 7 | 23 7 24 | 15°17'41 | 28°20 | 17° 5 | 27°28 | 9°12 | 27°26 | 5°35 | 3°R 6 | 21°42 | 22° 6 | 14°41 | 14°28 | 26°59 | 26°46 | W 7 |
| T 8 | 23 11 21 | 16°15'45 | 11♋48 | 16° 8 | 28°42 | 9°50 | 27°37 | 5°39 | 3° 6 | 21°44 | 22° 8 | 14°41 | 14°25 | 27° 5 | 26°44 | T 8 |
| F 9 | 23 15 17 | 17°13'50 | 25°42 | 15°12 | 29°55 | 10°29 | 27°48 | 5°43 | 3° 6 | 21°46 | 22° 9 | 14°41 | 14°22 | 27°12 | 26°42 | F 9 |
| S 10 | 23 19 14 | 18°11'58 | 10♌ 2 | 14°19 | 1♍ 9 | 11° 7 | 27°59 | 5°47 | 3° 5 | 21°48 | 22°11 | 14°41 | 14°18 | 27°19 | 26°40 | S 10 |
| S 11 | 23 23 11 | 19°10'07 | 24°46 | 13°29 | 2°23 | 11°45 | 28°11 | 5°51 | 3° 5 | 21°50 | 22°13 | 14°42 | 14°15 | 27°25 | 26°39 | S 11 |
| M12 | 23 27 7 | 20° 8'18 | 9♍47 | 12°44 | 3°37 | 12°23 | 28°22 | 5°55 | 3° 5 | 21°52 | 22°14 | 14°R42 | 14°12 | 27°32 | 26°37 | M12 |
| T 13 | 23 31 4 | 21° 6'31 | 24°58 | 12° 5 | 4°51 | 13° 1 | 28°34 | 5°59 | 3° 5 | 21°54 | 22°16 | 14°42 | 14° 9 | 27°39 | 26°36 | T 13 |
| W14 | 23 35 0 | 22° 4'46 | 10♎ 8 | 11°32 | 6° 5 | 13°39 | 28°45 | 6° 3 | 3° 4 | 21°56 | 22°18 | 14°41 | 14° 6 | 27°45 | 26°34 | W14 |
| T 15 | 23 38 57 | 23° 3'02 | 25°10 | 11° 7 | 7°19 | 14°18 | 28°57 | 6° 6 | 3° 4 | 21°58 | 22°19 | 14°41 | 14° 3 | 27°52 | 26°33 | T 15 |
| F 16 | 23 42 53 | 24° 1'19 | 9♏54 | 10°50 | 8°33 | 14°56 | 29° 8 | 6°10 | 3° 4 | 22° 0 | 22°21 | 14°40 | 13°59 | 27°59 | 26°32 | F 16 |
| S 17 | 23 46 50 | 24°59'39 | 24°15 | 10°D42 | 9°47 | 15°34 | 29°20 | 6°13 | 3° 3 | 22° 2 | 22°22 | 14°39 | 13°56 | 28° 5 | 26°31 | S 17 |
| S 18 | 23 50 46 | 25°58'00 | 8♐10 | 10°43 | 11° 2 | 16°12 | 29°32 | 6°16 | 3° 3 | 22° 4 | 22°24 | 14°38 | 13°53 | 28°12 | 26°29 | S 18 |
| M19 | 23 54 43 | 26°56'22 | 21°39 | 10°53 | 12°16 | 16°50 | 29°44 | 6°20 | 3° 2 | 22° 6 | 22°25 | 14°D37 | 13°50 | 28°19 | 26°28 | M19 |
| T 20 | 23 58 40 | 27°54'46 | 4♑43 | 11°12 | 13°30 | 17°28 | 29°56 | 6°23 | 3° 1 | 22° 8 | 22°27 | 14°37 | 13°47 | 28°25 | 26°27 | T 20 |
| W21 | 0 2 36 | 28°53'11 | 17°25 | 11°41 | 14°44 | 18° 7 | 0♏ 8 | 6°26 | 3° 1 | 22°10 | 22°29 | 14°38 | 13°43 | 28°32 | 26°27 | W21 |
| T 22 | 0 6 33 | 29°51'38 | 29°49 | 12°18 | 15°59 | 18°45 | 0°20 | 6°29 | 3° 0 | 22°12 | 22°30 | 14°39 | 13°40 | 28°39 | 26°26 | T 22 |
| F 23 | 0 10 29 | 0♎50'07 | 11♒59 | 13° 3 | 17°13 | 19°23 | 0°32 | 6°32 | 2°59 | 22°14 | 22°32 | 14°40 | 13°37 | 28°45 | 26°25 | F 23 |
| S 24 | 0 14 26 | 1°48'37 | 23°59 | 13°57 | 18°27 | 20° 1 | 0°44 | 6°34 | 2°59 | 22°16 | 22°33 | 14°42 | 13°34 | 28°52 | 26°24 | S 24 |
| S 25 | 0 18 22 | 2°47'09 | 5♓52 | 14°58 | 19°42 | 20°39 | 0°56 | 6°37 | 2°58 | 22°19 | 22°35 | 14°43 | 13°31 | 28°58 | 26°24 | S 25 |
| M26 | 0 22 19 | 3°45'43 | 17°41 | 16° 6 | 20°56 | 21°17 | 1° 8 | 6°39 | 2°57 | 22°21 | 22°36 | 14°R43 | 13°28 | 29° 5 | 26°23 | M26 |
| T 27 | 0 26 15 | 4°44'18 | 29°29 | 17°21 | 22°10 | 21°56 | 1°20 | 6°42 | 2°56 | 22°23 | 22°37 | 14°42 | 13°24 | 29°12 | 26°23 | T 27 |
| W28 | 0 30 12 | 5°42'56 | 11♈18 | 18°41 | 23°25 | 22°34 | 1°33 | 6°44 | 2°55 | 22°25 | 22°39 | 14°40 | 13°21 | 29°18 | 26°23 | W28 |
| T 29 | 0 34 8 | 6°41'35 | 23°10 | 20° 7 | 24°39 | 23°12 | 1°45 | 6°46 | 2°54 | 22°27 | 22°40 | 14°37 | 13°18 | 29°25 | 26°22 | T 29 |
| F 30 | 0 38 5 | 7♎40'16 | 5♉ 7 | 21♍36 | 25♍54 | 23♍50 | 1♏57 | 6♋48 | 2♊53 | 22♎29 | 22♌42 | 14♍34 | 13♍15 | 29♓32 | 26♉22 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7n59 | 3n12 | 2s37 | 1s 7 | 4s37 | 15n31 | 0n48 | 10n34 | 1n 8 | 9s 8 | 1n 5 | 22n10 | 1s 7 | 20n30 | 0s13 | 6s56 | 1n33 | 21n 1 | 7n16 | 6n 2 | 5n59 | 2s24 | 13s15 | 7n36 |
| F 2 | 7 38 | 6 47 | 3 31 | 0 50 | 4 36 | 15 9 | 0 50 | 10 20 | 1 8 | 9 12 | 1 5 | 22 9 | 1 7 | 20 30 | 0 13 | 6 57 | 1 33 | 21 1 | 7 16 | 6 1 | 6 0 | 2 23 | 13 16 | 7 36 |
| S 3 | 7 16 | 10 8 | 4 16 | 0 30 | 4 34 | 14 47 | 0 52 | 10 6 | 1 8 | 9 16 | 1 5 | 22 9 | 1 7 | 20 30 | 0 13 | 6 58 | 1 33 | 21 0 | 7 16 | 6 1 | 6 1 | 2 21 | 13 16 | 7 35 |
| S 4 | 6 54 | 13 6 | 4 50 | 0 7 | 4 30 | 14 25 | 0 54 | 9 52 | 1 8 | 9 20 | 1 4 | 22 9 | 1 7 | 20 30 | 0 13 | 6 58 | 1 32 | 21 0 | 7 16 | 6 1 | 6 2 | 2 19 | 13 17 | 7 35 |
| M 5 | 6 31 | 15 33 | 5 11 | 0n19 | 4 24 | 14 2 | 0 56 | 9 37 | 1 8 | 9 24 | 1 4 | 22 9 | 1 7 | 20 30 | 0 13 | 6 59 | 1 32 | 21 0 | 7 16 | 6 1 | 6 4 | 2 17 | 13 18 | 7 34 |
| T 6 | 6 9 | 17 18 | 5 18 | 0 48 | 4 16 | 13 39 | 0 58 | 9 23 | 1 8 | 9 28 | 1 4 | 22 8 | 1 7 | 20 31 | 0 13 | 7 0 | 1 32 | 20 59 | 7 16 | 6 1 | 6 5 | 2 15 | 13 19 | 7 34 |
| W 7 | 5 47 | 18 13 | 5 9 | 1 19 | 4 6 | 13 16 | 1 0 | 9 9 | 1 8 | 9 32 | 1 4 | 22 8 | 1 8 | 20 31 | 0 13 | 7 1 | 1 32 | 20 59 | 7 16 | 6 1 | 6 6 | 2 13 | 13 20 | 7 33 |
| T 8 | 5 24 | 18 9 | 4 43 | 1 51 | 3 54 | 12 52 | 1 2 | 8 54 | 1 8 | 9 36 | 1 4 | 22 8 | 1 8 | 20 31 | 0 13 | 7 1 | 1 32 | 20 58 | 7 17 | 6 1 | 6 7 | 2 12 | 13 21 | 7 33 |
| F 9 | 5 2 | 17 1 | 4 0 | 2 25 | 3 41 | 12 28 | 1 4 | 8 40 | 1 7 | 9 40 | 1 4 | 22 8 | 1 8 | 20 31 | 0 13 | 7 2 | 1 32 | 20 58 | 7 17 | 6 1 | 6 8 | 2 10 | 13 21 | 7 32 |
| S 10 | 4 39 | 14 47 | 3 1 | 2 59 | 3 26 | 12 3 | 1 5 | 8 25 | 1 7 | 9 45 | 1 4 | 22 8 | 1 8 | 20 30 | 0 13 | 7 3 | 1 32 | 20 57 | 7 17 | 6 1 | 6 10 | 2 8 | 13 22 | 7 32 |
| S 11 | 4 17 | 11 32 | 1 49 | 3 33 | 3 9 | 11 38 | 1 7 | 8 11 | 1 7 | 9 49 | 1 3 | 22 7 | 1 8 | 20 30 | 0 13 | 7 4 | 1 32 | 20 57 | 7 17 | 6 1 | 6 11 | 2 6 | 13 23 | 7 31 |
| M12 | 3 54 | 7 28 | 0 27 | 4 7 | 2 52 | 11 13 | 1 8 | 7 56 | 1 7 | 9 53 | 1 3 | 22 7 | 1 8 | 20 30 | 0 13 | 7 4 | 1 32 | 20 57 | 7 17 | 6 1 | 6 12 | 2 4 | 13 24 | 7 31 |
| T 13 | 3 31 | 2 52 | 0n57 | 4 39 | 2 34 | 10 48 | 1 10 | 7 41 | 1 7 | 9 57 | 1 3 | 22 7 | 1 8 | 20 30 | 0 13 | 7 5 | 1 32 | 20 56 | 7 17 | 6 1 | 6 13 | 2 2 | 13 24 | 7 30 |
| W14 | 3 8 | 1s54 | 2 17 | 5 9 | 2 15 | 10 22 | 1 11 | 7 26 | 1 7 | 10 1 | 1 3 | 22 7 | 1 8 | 20 30 | 0 13 | 7 6 | 1 32 | 20 56 | 7 18 | 6 1 | 6 15 | 2 1 | 13 25 | 7 30 |
| T 15 | 2 45 | 6 30 | 3 26 | 5 36 | 1 55 | 9 56 | 1 13 | 7 12 | 1 7 | 10 5 | 1 3 | 22 7 | 1 8 | 20 30 | 0 13 | 7 7 | 1 32 | 20 56 | 7 18 | 6 1 | 6 16 | 1 59 | 13 26 | 7 29 |
| F 16 | 2 22 | 10 37 | 4 21 | 6 0 | 1 36 | 9 29 | 1 14 | 6 57 | 1 7 | 10 10 | 1 3 | 22 6 | 1 8 | 20 30 | 0 13 | 7 7 | 1 32 | 20 55 | 7 18 | 6 2 | 6 17 | 1 57 | 13 27 | 7 29 |
| S 17 | 1 59 | 13 58 | 4 58 | 6 22 | 1 16 | 9 3 | 1 15 | 6 42 | 1 7 | 10 14 | 1 3 | 22 6 | 1 8 | 20 30 | 0 13 | 7 8 | 1 32 | 20 55 | 7 18 | 6 2 | 6 18 | 1 55 | 13 27 | 7 28 |
| S 18 | 1 36 | 16 25 | 5 15 | 6 39 | 0 57 | 8 36 | 1 17 | 6 27 | 1 7 | 10 18 | 1 3 | 22 6 | 1 8 | 20 30 | 0 13 | 7 9 | 1 32 | 20 54 | 7 18 | 6 2 | 6 19 | 1 53 | 13 28 | 7 28 |
| M19 | 1 13 | 17 53 | 5 15 | 6 52 | 0 39 | 8 8 | 1 18 | 6 12 | 1 6 | 10 22 | 1 2 | 22 6 | 1 8 | 20 30 | 0 13 | 7 10 | 1 32 | 20 54 | 7 18 | 6 3 | 6 21 | 1 51 | 13 29 | 7 27 |
| T 20 | 0 50 | 18 20 | 4 58 | 7 1 | 0 21 | 7 41 | 1 19 | 5 57 | 1 6 | 10 27 | 1 2 | 22 6 | 1 8 | 20 30 | 0 13 | 7 10 | 1 32 | 20 54 | 7 19 | 6 2 | 6 22 | 1 49 | 13 30 | 7 27 |
| W21 | 0 27 | 17 50 | 4 27 | 7 6 | 0 4 | 7 13 | 1 20 | 5 42 | 1 6 | 10 31 | 1 2 | 22 6 | 1 8 | 20 30 | 0 13 | 7 11 | 1 32 | 20 53 | 7 19 | 6 2 | 6 23 | 1 48 | 13 30 | 7 26 |
| T 22 | 0 3 | 16 29 | 3 44 | 7 7 | 0n12 | 6 46 | 1 21 | 5 27 | 1 6 | 10 35 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 12 | 1 32 | 20 53 | 7 19 | 6 2 | 6 24 | 1 46 | 13 31 | 7 26 |
| F 23 | 0s20 | 14 24 | 2 52 | 7 3 | 0 27 | 6 17 | 1 22 | 5 12 | 1 6 | 10 40 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 13 | 1 32 | 20 53 | 7 19 | 6 1 | 6 26 | 1 44 | 13 32 | 7 25 |
| S 24 | 0 43 | 11 44 | 1 52 | 6 55 | 0 40 | 5 49 | 1 22 | 4 57 | 1 6 | 10 44 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 14 | 1 32 | 20 52 | 7 19 | 6 1 | 6 27 | 1 42 | 13 32 | 7 24 |
| S 25 | 1 6 | 8 35 | 0 49 | 6 43 | 0 53 | 5 21 | 1 23 | 4 42 | 1 6 | 10 48 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 14 | 1 32 | 20 52 | 7 20 | 6 0 | 6 28 | 1 40 | 13 33 | 7 24 |
| M26 | 1 30 | 5 7 | 0s16 | 6 27 | 1 4 | 4 52 | 1 24 | 4 27 | 1 6 | 10 53 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 15 | 1 32 | 20 52 | 7 20 | 6 0 | 6 29 | 1 38 | 13 34 | 7 23 |
| T 27 | 1 53 | 1 27 | 1 21 | 6 8 | 1 14 | 4 24 | 1 25 | 4 12 | 1 5 | 10 57 | 1 2 | 22 5 | 1 8 | 20 29 | 0 13 | 7 16 | 1 32 | 20 52 | 7 20 | 6 1 | 6 30 | 1 36 | 13 34 | 7 23 |
| W28 | 2 16 | 2n17 | 2 22 | 5 44 | 1 23 | 3 55 | 1 25 | 3 57 | 1 5 | 11 1 | 1 2 | 22 4 | 1 8 | 20 28 | 0 13 | 7 17 | 1 32 | 20 51 | 7 20 | 6 1 | 6 32 | 1 35 | 13 35 | 7 22 |
| T 29 | 2 39 | 5 56 | 3 16 | 5 18 | 1 31 | 3 26 | 1 26 | 3 41 | 1 5 | 11 5 | 1 1 | 22 4 | 1 8 | 20 28 | 0 13 | 7 18 | 1 32 | 20 51 | 7 20 | 6 2 | 6 33 | 1 33 | 13 36 | 7 22 |
| F 30 | 3s 2 | 9n22 | 4s 3 | 4n48 | 1n37 | 2n57 | 1n26 | 3n26 | 1n 5 | 11s10 | 1n 1 | 22n 4 | 1s 8 | 20n28 | 0s13 | 7s18 | 1n32 | 20n51 | 7n21 | 6n 4 | 6n34 | 1s31 | 13s36 | 7n21 |

Julian Day Number = 2613956.5, Delta T = 10m54s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'27, Lahiri = 30°04'27


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## OCTOBER 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 42 2 | 8♎39'00 | 17♉12 | 23♍10 | 27♍ 8 | 24♍28 | 2♏10 | 6♋50 | 2°R52 | 22♎32 | 22♌43 | 14°R30 | 13♍12 | 29♓38 | 26°R22 | S 1 |
| S 2 | 0 45 58 | 9°37'45 | 29°27 | 24°47 | 28°23 | 25° 6 | 2°22 | 6°52 | 2♊50 | 22°34 | 22°44 | 14♍26 | 13° 8 | 29°45 | 26°D22 | S 2 |
| M 3 | 0 49 55 | 10°36'33 | 11♊53 | 26°27 | 29°38 | 25°45 | 2°35 | 6°54 | 2°49 | 22°36 | 22°46 | 14°23 | 13° 5 | 29°52 | 26♉22 | M 3 |
| T 4 | 0 53 51 | 11°35'23 | 24°35 | 28° 9 | 0♎52 | 26°23 | 2°47 | 6°56 | 2°48 | 22°38 | 22°47 | 14°20 | 13° 2 | 29°58 | 26°22 | T 4 |
| W 5 | 0 57 48 | 12°34'16 | 7♋35 | 29°53 | 2° 7 | 27° 1 | 3° 0 | 6°57 | 2°47 | 22°40 | 22°48 | 14°D19 | 12°59 | 0♈ 5 | 26°22 | W 5 |
| T 6 | 1 1 44 | 13°33'10 | 20°55 | 1♎38 | 3°22 | 27°39 | 3°13 | 6°59 | 2°45 | 22°43 | 22°49 | 14°19 | 12°56 | 0°12 | 26°23 | T 6 |
| F 7 | 1 5 41 | 14°32'07 | 4♌38 | 3°24 | 4°36 | 28°17 | 3°25 | 7° 0 | 2°44 | 22°45 | 22°51 | 14°20 | 12°53 | 0°18 | 26°23 | F 7 |
| S 8 | 1 9 37 | 15°31'06 | 18°45 | 5°11 | 5°51 | 28°56 | 3°38 | 7° 1 | 2°42 | 22°47 | 22°52 | 14°22 | 12°49 | 0°25 | 26°23 | S 8 |
| S 9 | 1 13 34 | 16°30'08 | 3♍15 | 6°58 | 7° 6 | 29°34 | 3°51 | 7° 2 | 2°41 | 22°49 | 22°53 | 14°23 | 12°46 | 0°32 | 26°24 | S 9 |
| M10 | 1 17 31 | 17°29'11 | 18° 5 | 8°46 | 8°21 | 0♎12 | 4° 3 | 7° 4 | 2°39 | 22°51 | 22°54 | 14°R23 | 12°43 | 0°38 | 26°25 | M10 |
| T 11 | 1 21 27 | 18°28'17 | 3♎10 | 10°33 | 9°35 | 0°50 | 4°16 | 7° 4 | 2°38 | 22°54 | 22°55 | 14°22 | 12°40 | 0°45 | 26°25 | T 11 |
| W12 | 1 25 24 | 19°27'25 | 18°20 | 12°21 | 10°50 | 1°29 | 4°29 | 7° 5 | 2°36 | 22°56 | 22°57 | 14°19 | 12°37 | 0°52 | 26°26 | W12 |
| T 13 | 1 29 20 | 20°26'34 | 3♏26 | 14° 8 | 12° 5 | 2° 7 | 4°42 | 7° 6 | 2°35 | 22°58 | 22°58 | 14°15 | 12°34 | 0°58 | 26°27 | T 13 |
| F 14 | 1 33 17 | 21°25'46 | 18°19 | 15°55 | 13°20 | 2°45 | 4°55 | 7° 7 | 2°33 | 23° 0 | 22°59 | 14° 9 | 12°30 | 1° 5 | 26°28 | F 14 |
| S 15 | 1 37 13 | 22°25'00 | 2♐50 | 17°41 | 14°35 | 3°23 | 5° 7 | 7° 7 | 2°31 | 23° 3 | 23° 0 | 14° 3 | 12°27 | 1°11 | 26°29 | S 15 |
| S 16 | 1 41 10 | 23°24'16 | 16°55 | 19°27 | 15°50 | 4° 2 | 5°20 | 7° 7 | 2°29 | 23° 5 | 23° 1 | 13°58 | 12°24 | 1°18 | 26°30 | S 16 |
| M17 | 1 45 6 | 24°23'33 | 0♑32 | 21°13 | 17° 5 | 4°40 | 5°33 | 7° 8 | 2°28 | 23° 7 | 23° 2 | 13°54 | 12°21 | 1°25 | 26°31 | M17 |
| T 18 | 1 49 3 | 25°22'52 | 13°40 | 22°57 | 18°20 | 5°18 | 5°46 | 7° 8 | 2°26 | 23° 9 | 23° 3 | 13°52 | 12°18 | 1°31 | 26°32 | T 18 |
| W19 | 1 53 0 | 26°22'13 | 26°23 | 24°41 | 19°35 | 5°56 | 5°59 | 7°R 8 | 2°24 | 23°11 | 23° 4 | 13°D51 | 12°14 | 1°38 | 26°34 | W19 |
| T 20 | 1 56 56 | 27°21'36 | 8♒45 | 26°25 | 20°50 | 6°35 | 6°12 | 7° 8 | 2°22 | 23°14 | 23° 5 | 13°51 | 12°11 | 1°45 | 26°35 | T 20 |
| F 21 | 2 0 53 | 28°21'00 | 20°51 | 28° 7 | 22° 5 | 7°13 | 6°25 | 7° 7 | 2°20 | 23°16 | 23° 6 | 13°53 | 12° 8 | 1°51 | 26°36 | F 21 |
| S 22 | 2 4 49 | 29°20'26 | 2♓47 | 29°49 | 23°20 | 7°51 | 6°38 | 7° 7 | 2°18 | 23°18 | 23° 7 | 13°54 | 12° 5 | 1°58 | 26°38 | S 22 |
| S 23 | 2 8 46 | 0♏19'54 | 14°35 | 1♏31 | 24°35 | 8°29 | 6°51 | 7° 7 | 2°16 | 23°20 | 23° 8 | 13°R55 | 12° 2 | 2° 5 | 26°40 | S 23 |
| M24 | 2 12 42 | 1°19'23 | 26°22 | 3°12 | 25°50 | 9° 8 | 7° 4 | 7° 6 | 2°14 | 23°23 | 23° 8 | 13°54 | 11°59 | 2°11 | 26°41 | M24 |
| T 25 | 2 16 39 | 2°18'55 | 8♈11 | 4°52 | 27° 5 | 9°46 | 7°17 | 7° 6 | 2°12 | 23°25 | 23° 9 | 13°51 | 11°55 | 2°18 | 26°43 | T 25 |
| W26 | 2 20 35 | 3°18'28 | 20° 4 | 6°31 | 28°20 | 10°24 | 7°30 | 7° 5 | 2°10 | 23°27 | 23°10 | 13°45 | 11°52 | 2°25 | 26°45 | W26 |
| T 27 | 2 24 32 | 4°18'04 | 2♉ 4 | 8°10 | 29°35 | 11° 3 | 7°43 | 7° 4 | 2° 8 | 23°29 | 23°11 | 13°38 | 11°49 | 2°31 | 26°47 | T 27 |
| F 28 | 2 28 28 | 5°17'41 | 14°12 | 9°48 | 0♏50 | 11°41 | 7°56 | 7° 3 | 2° 6 | 23°31 | 23°12 | 13°29 | 11°46 | 2°38 | 26°49 | F 28 |
| S 29 | 2 32 25 | 6°17'20 | 26°30 | 11°25 | 2° 5 | 12°19 | 8° 9 | 7° 2 | 2° 4 | 23°34 | 23°12 | 13°19 | 11°43 | 2°45 | 26°51 | S 29 |
| S 30 | 2 36 22 | 7°17'02 | 8♊58 | 13° 2 | 3°20 | 12°57 | 8°22 | 7° 1 | 2° 2 | 23°36 | 23°13 | 13° 9 | 11°40 | 2°51 | 26°53 | S 30 |
| M31 | 2 40 18 | 8♏16'45 | 21♊37 | 14♏39 | 4♏35 | 13♎36 | 8♏35 | 6♋59 | 1♊59 | 23♎38 | 23♌14 | 13♍ 0 | 11♍36 | 2♈58 | 26♉55 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s25 | 12n27 | 4s39 | 4n16 | 1n42 | 2n27 | 1n26 | 3n11 | 1n 5 | 11s14 | 1n 1 | 22n 4 | 1s 8 | 20n28 | 0s13 | 7s19 | 1n32 | 20n51 | 7n21 | 6n 5 | 6n35 | 1s29 | 13s37 | 7n20 |
| S 2 | 3 48 | 15 2 | 5 3 | 3 42 | 1 46 | 1 58 | 1 27 | 2 56 | 1 5 | 11 19 | 1 1 | 22 4 | 1 8 | 20 28 | 0 13 | 7 20 | 1 32 | 20 50 | 7 21 | 6 7 | 6 36 | 1 27 | 13 37 | 7 20 |
| M 3 | 4 11 | 16 58 | 5 14 | 3 5 | 1 50 | 1 29 | 1 27 | 2 41 | 1 5 | 11 23 | 1 1 | 22 4 | 1 8 | 20 27 | 0 13 | 7 21 | 1 32 | 20 50 | 7 21 | 6 8 | 6 38 | 1 25 | 13 38 | 7 19 |
| T 4 | 4 34 | 18 7 | 5 9 | 2 27 | 1 52 | 0 59 | 1 27 | 2 25 | 1 4 | 11 27 | 1 1 | 22 4 | 1 8 | 20 27 | 0 13 | 7 22 | 1 32 | 20 50 | 7 22 | 6 9 | 6 39 | 1 23 | 13 38 | 7 19 |
| W 5 | 4 57 | 18 22 | 4 49 | 1 47 | 1 53 | 0 30 | 1 27 | 2 10 | 1 4 | 11 32 | 1 1 | 22 3 | 1 9 | 20 27 | 0 13 | 7 22 | 1 32 | 20 50 | 7 22 | 6 9 | 6 40 | 1 22 | 13 39 | 7 18 |
| T 6 | 5 20 | 17 36 | 4 12 | 1 5 | 1 53 | 0 0 | 1 27 | 1 55 | 1 4 | 11 36 | 1 1 | 22 3 | 1 9 | 20 27 | 0 13 | 7 23 | 1 32 | 20 49 | 7 22 | 6 9 | 6 41 | 1 20 | 13 39 | 7 18 |
| F 7 | 5 43 | 15 48 | 3 21 | 0 23 | 1 53 | 0s30 | 1 27 | 1 39 | 1 4 | 11 40 | 1 1 | 22 3 | 1 9 | 20 26 | 0 13 | 7 24 | 1 32 | 20 49 | 7 22 | 6 9 | 6 43 | 1 18 | 13 40 | 7 17 |
| S 8 | 6 6 | 13 1 | 2 16 | 0s21 | 1 52 | 0 59 | 1 27 | 1 24 | 1 4 | 11 45 | 1 1 | 22 3 | 1 9 | 20 26 | 0 13 | 7 25 | 1 32 | 20 49 | 7 22 | 6 8 | 6 44 | 1 16 | 13 40 | 7 16 |
| S 9 | 6 28 | 9 21 | 1 1 | 1 5 | 1 50 | 1 29 | 1 27 | 1 9 | 1 4 | 11 49 | 1 1 | 22 3 | 1 9 | 20 26 | 0 13 | 7 26 | 1 32 | 20 49 | 7 23 | 6 8 | 6 45 | 1 14 | 13 41 | 7 16 |
| M10 | 6 51 | 5 1 | 0n20 | 1 49 | 1 48 | 1 59 | 1 27 | 0 53 | 1 3 | 11 53 | 1 1 | 22 3 | 1 9 | 20 25 | 0 13 | 7 27 | 1 32 | 20 49 | 7 23 | 6 8 | 6 46 | 1 12 | 13 41 | 7 15 |
| T 11 | 7 13 | 0 17 | 1 41 | 2 34 | 1 45 | 2 28 | 1 26 | 0 38 | 1 3 | 11 58 | 1 0 | 22 3 | 1 9 | 20 25 | 0 13 | 7 27 | 1 32 | 20 48 | 7 23 | 6 8 | 6 47 | 1 10 | 13 42 | 7 15 |
| W12 | 7 36 | 4s28 | 2 55 | 3 19 | 1 41 | 2 58 | 1 26 | 0 23 | 1 3 | 12 2 | 1 0 | 22 3 | 1 9 | 20 25 | 0 13 | 7 28 | 1 32 | 20 48 | 7 23 | 6 9 | 6 49 | 1 9 | 13 42 | 7 14 |
| T 13 | 7 58 | 8 56 | 3 56 | 4 4 | 1 37 | 3 27 | 1 25 | 0 7 | 1 3 | 12 6 | 1 0 | 22 3 | 1 9 | 20 25 | 0 13 | 7 29 | 1 32 | 20 48 | 7 24 | 6 11 | 6 50 | 1 7 | 13 43 | 7 13 |
| F 14 | 8 20 | 12 45 | 4 40 | 4 49 | 1 33 | 3 57 | 1 25 | 0s 8 | 1 3 | 12 11 | 1 0 | 22 3 | 1 9 | 20 24 | 0 13 | 7 30 | 1 32 | 20 48 | 7 24 | 6 13 | 6 51 | 1 5 | 13 43 | 7 13 |
| S 15 | 8 42 | 15 41 | 5 5 | 5 34 | 1 28 | 4 26 | 1 24 | 0 23 | 1 3 | 12 15 | 1 0 | 22 3 | 1 9 | 20 24 | 0 13 | 7 31 | 1 32 | 20 48 | 7 24 | 6 15 | 6 52 | 1 3 | 13 43 | 7 12 |
| S 16 | 9 4 | 17 35 | 5 11 | 6 18 | 1 23 | 4 56 | 1 24 | 0 39 | 1 2 | 12 19 | 1 0 | 22 2 | 1 9 | 20 24 | 0 13 | 7 31 | 1 32 | 20 48 | 7 24 | 6 17 | 6 53 | 1 1 | 13 44 | 7 12 |
| M17 | 9 26 | 18 25 | 4 58 | 7 3 | 1 18 | 5 25 | 1 23 | 0 54 | 1 2 | 12 24 | 1 0 | 22 2 | 1 9 | 20 23 | 0 13 | 7 32 | 1 32 | 20 48 | 7 25 | 6 19 | 6 55 | 0 59 | 13 44 | 7 11 |
| T 18 | 9 48 | 18 12 | 4 30 | 7 47 | 1 13 | 5 54 | 1 22 | 1 9 | 1 2 | 12 28 | 1 0 | 22 2 | 1 9 | 20 23 | 0 13 | 7 33 | 1 32 | 20 48 | 7 25 | 6 20 | 6 56 | 0 57 | 13 45 | 7 11 |
| W19 | 10 9 | 17 4 | 3 50 | 8 30 | 1 7 | 6 23 | 1 21 | 1 24 | 1 2 | 12 32 | 1 0 | 22 2 | 1 9 | 20 22 | 0 13 | 7 34 | 1 32 | 20 47 | 7 25 | 6 20 | 6 57 | 0 55 | 13 45 | 7 10 |
| T 20 | 10 30 | 15 8 | 2 59 | 9 13 | 1 1 | 6 52 | 1 21 | 1 40 | 1 2 | 12 37 | 1 0 | 22 2 | 1 9 | 20 22 | 0 13 | 7 35 | 1 32 | 20 47 | 7 25 | 6 20 | 6 58 | 0 54 | 13 45 | 7 9 |
| F 21 | 10 52 | 12 35 | 2 2 | 9 56 | 0 55 | 7 21 | 1 20 | 1 55 | 1 1 | 12 41 | 1 0 | 22 2 | 1 9 | 20 22 | 0 13 | 7 35 | 1 32 | 20 47 | 7 26 | 6 20 | 7 0 | 0 52 | 13 45 | 7 9 |
| S 22 | 11 13 | 9 31 | 1 0 | 10 38 | 0 48 | 7 49 | 1 19 | 2 10 | 1 1 | 12 45 | 1 0 | 22 2 | 1 9 | 20 21 | 0 13 | 7 36 | 1 32 | 20 47 | 7 26 | 6 19 | 7 1 | 0 50 | 13 46 | 7 8 |
| S 23 | 11 34 | 6 7 | 0s 4 | 11 19 | 0 42 | 8 18 | 1 18 | 2 25 | 1 1 | 12 50 | 1 0 | 22 2 | 1 9 | 20 21 | 0 13 | 7 37 | 1 32 | 20 47 | 7 26 | 6 19 | 7 2 | 0 48 | 13 46 | 7 8 |
| M24 | 11 54 | 2 28 | 1 7 | 11 59 | 0 35 | 8 46 | 1 16 | 2 41 | 1 1 | 12 54 | 1 0 | 22 2 | 1 9 | 20 21 | 0 13 | 7 38 | 1 32 | 20 47 | 7 26 | 6 19 | 7 3 | 0 46 | 13 46 | 7 7 |
| T 25 | 12 15 | 1n17 | 2 7 | 12 39 | 0 29 | 9 14 | 1 15 | 2 56 | 1 1 | 12 58 | 1 0 | 22 2 | 1 9 | 20 20 | 0 13 | 7 39 | 1 32 | 20 47 | 7 27 | 6 20 | 7 4 | 0 44 | 13 46 | 7 7 |
| W26 | 12 35 | 5 1 | 3 2 | 13 19 | 0 22 | 9 42 | 1 14 | 3 11 | 1 0 | 13 2 | 1 0 | 22 2 | 1 9 | 20 20 | 0 13 | 7 40 | 1 32 | 20 47 | 7 27 | 6 22 | 7 6 | 0 42 | 13 47 | 7 6 |
| T 27 | 12 55 | 8 34 | 3 50 | 13 57 | 0 15 | 10 10 | 1 13 | 3 26 | 1 0 | 13 7 | 1 0 | 22 2 | 1 9 | 20 19 | 0 13 | 7 40 | 1 32 | 20 47 | 7 27 | 6 25 | 7 7 | 0 40 | 13 47 | 7 5 |
| F 28 | 13 15 | 11 48 | 4 27 | 14 35 | 0 9 | 10 37 | 1 11 | 3 41 | 1 0 | 13 11 | 1 0 | 22 2 | 1 9 | 20 19 | 0 13 | 7 41 | 1 32 | 20 47 | 7 27 | 6 29 | 7 8 | 0 39 | 13 47 | 7 5 |
| S 29 | 13 35 | 14 34 | 4 53 | 15 12 | 0 2 | 11 4 | 1 10 | 3 56 | 1 0 | 13 15 | 0 59 | 22 2 | 1 9 | 20 18 | 0 13 | 7 42 | 1 32 | 20 47 | 7 28 | 6 33 | 7 9 | 0 37 | 13 47 | 7 4 |
| S 30 | 13 55 | 16 43 | 5 5 | 15 48 | 0s 5 | 11 31 | 1 9 | 4 12 | 0 59 | 13 19 | 0 59 | 22 2 | 1 9 | 20 18 | 0 13 | 7 43 | 1 32 | 20 47 | 7 28 | 6 36 | 7 10 | 0 35 | 13 47 | 7 4 |
| M31 | 14s14 | 18n 5 | 5s 2 | 16s23 | 0s12 | 11s58 | 1n 7 | 4s27 | 0n59 | 13s24 | 0n59 | 22n 2 | 1s 9 | 20n18 | 0s13 | 7s43 | 1n32 | 20n47 | 7n28 | 6n40 | 7n12 | 0s33 | 13s48 | 7n 3 |

Julian Day Number = 2613986.5, Delta T = 10m54s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'31, Lahiri = 30°04'31


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## NOVEMBER 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 44 15 | 9♏16'31 | 4♋28 | 16♏15 | 5♏50 | 14♎14 | 8♏49 | 6°R58 | 1°R57 | 23♎40 | 23♌14 | 12°R53 | 11♍33 | 3♈ 5 | 26♑58 | T 1 |
| W 2 | 2 48 11 | 10°16'19 | 17°33 | 17°50 | 7° 6 | 14°53 | 9° 2 | 6♋56 | 1♊55 | 23°42 | 23°15 | 12♍48 | 11°30 | 3°11 | 27° 0 | W 2 |
| T 3 | 2 52 8 | 11°16'09 | 0♌52 | 19°25 | 8°21 | 15°31 | 9°15 | 6°55 | 1°53 | 23°44 | 23°16 | 12°45 | 11°27 | 3°18 | 27° 2 | T 3 |
| F 4 | 2 56 4 | 12°16'01 | 14°28 | 20°59 | 9°36 | 16° 9 | 9°28 | 6°53 | 1°50 | 23°47 | 23°16 | 12°D45 | 11°24 | 3°25 | 27° 5 | F 4 |
| S 5 | 3 0 1 | 13°15'56 | 28°22 | 22°33 | 10°51 | 16°48 | 9°41 | 6°51 | 1°48 | 23°49 | 23°17 | 12°45 | 11°20 | 3°31 | 27° 8 | S 5 |
| S 6 | 3 3 57 | 14°15'52 | 12♍35 | 24° 6 | 12° 6 | 17°26 | 9°54 | 6°49 | 1°46 | 23°51 | 23°17 | 12°R46 | 11°17 | 3°38 | 27°10 | S 6 |
| M 7 | 3 7 54 | 15°15'51 | 27° 5 | 25°39 | 13°22 | 18° 4 | 10° 7 | 6°47 | 1°43 | 23°53 | 23°18 | 12°45 | 11°14 | 3°45 | 27°13 | M 7 |
| T 8 | 3 11 51 | 16°15'52 | 11♎50 | 27°11 | 14°37 | 18°43 | 10°20 | 6°45 | 1°41 | 23°55 | 23°18 | 12°42 | 11°11 | 3°51 | 27°16 | T 8 |
| W 9 | 3 15 47 | 17°15'55 | 26°43 | 28°43 | 15°52 | 19°21 | 10°33 | 6°43 | 1°38 | 23°57 | 23°19 | 12°36 | 11° 8 | 3°58 | 27°19 | W 9 |
| T 10 | 3 19 44 | 18°16'00 | 11♏37 | 0♐15 | 17° 7 | 20° 0 | 10°46 | 6°40 | 1°36 | 23°59 | 23°19 | 12°28 | 11° 5 | 4° 4 | 27°21 | T 10 |
| F 11 | 3 23 40 | 19°16'07 | 26°23 | 1°46 | 18°23 | 20°38 | 10°59 | 6°38 | 1°34 | 24° 1 | 23°19 | 12°18 | 11° 1 | 4°11 | 27°24 | F 11 |
| S 12 | 3 27 37 | 20°16'15 | 10♐53 | 3°16 | 19°38 | 21°16 | 11°12 | 6°35 | 1°31 | 24° 3 | 23°20 | 12° 7 | 10°58 | 4°18 | 27°28 | S 12 |
| S 13 | 3 31 33 | 21°16'26 | 25° 0 | 4°47 | 20°53 | 21°55 | 11°25 | 6°33 | 1°29 | 24° 5 | 23°20 | 11°56 | 10°55 | 4°24 | 27°31 | S 13 |
| M14 | 3 35 30 | 22°16'38 | 8♑41 | 6°17 | 22° 8 | 22°33 | 11°38 | 6°30 | 1°26 | 24° 8 | 23°20 | 11°47 | 10°52 | 4°31 | 27°34 | M14 |
| T 15 | 3 39 26 | 23°16'51 | 21°53 | 7°46 | 23°24 | 23°12 | 11°51 | 6°27 | 1°24 | 24°10 | 23°21 | 11°41 | 10°49 | 4°38 | 27°37 | T 15 |
| W16 | 3 43 23 | 24°17'06 | 4♒40 | 9°15 | 24°39 | 23°50 | 12° 4 | 6°24 | 1°21 | 24°12 | 23°21 | 11°37 | 10°45 | 4°44 | 27°40 | W16 |
| T 17 | 3 47 20 | 25°17'23 | 17° 5 | 10°43 | 25°54 | 24°29 | 12°17 | 6°21 | 1°19 | 24°14 | 23°21 | 11°35 | 10°42 | 4°51 | 27°44 | T 17 |
| F 18 | 3 51 16 | 26°17'41 | 29°12 | 12°11 | 27°10 | 25° 7 | 12°30 | 6°18 | 1°16 | 24°15 | 23°21 | 11°D35 | 10°39 | 4°58 | 27°47 | F 18 |
| S 19 | 3 55 13 | 27°18'00 | 11♓ 6 | 13°39 | 28°25 | 25°45 | 12°43 | 6°15 | 1°14 | 24°17 | 23°21 | 11°R35 | 10°36 | 5° 4 | 27°51 | S 19 |
| S 20 | 3 59 9 | 28°18'20 | 22°55 | 15° 6 | 29°40 | 26°24 | 12°56 | 6°12 | 1°11 | 24°19 | 23°21 | 11°35 | 10°33 | 5°11 | 27°54 | S 20 |
| M21 | 4 3 6 | 29°18'42 | 4♈42 | 16°32 | 0♐56 | 27° 2 | 13° 9 | 6° 8 | 1° 9 | 24°21 | 23°22 | 11°32 | 10°30 | 5°18 | 27°58 | M21 |
| T 22 | 4 7 2 | 0♐19'06 | 16°33 | 17°58 | 2°11 | 27°41 | 13°21 | 6° 5 | 1° 6 | 24°23 | 23°22 | 11°28 | 10°26 | 5°24 | 28° 2 | T 22 |
| W23 | 4 10 59 | 1°19'31 | 28°32 | 19°23 | 3°26 | 28°19 | 13°34 | 6° 1 | 1° 4 | 24°25 | 23°22 | 11°20 | 10°23 | 5°31 | 28° 5 | W23 |
| T 24 | 4 14 55 | 2°19'57 | 10♉40 | 20°48 | 4°42 | 28°58 | 13°47 | 5°58 | 1° 1 | 24°27 | 23°R22 | 11°10 | 10°20 | 5°38 | 28° 9 | T 24 |
| F 25 | 4 18 52 | 3°20'25 | 23° 1 | 22°11 | 5°57 | 29°36 | 14° 0 | 5°54 | 0°59 | 24°29 | 23°22 | 10°57 | 10°17 | 5°44 | 28°13 | F 25 |
| S 26 | 4 22 49 | 4°20'54 | 5♊35 | 23°34 | 7°12 | 0♏15 | 14°12 | 5°50 | 0°56 | 24°31 | 23°22 | 10°43 | 10°14 | 5°51 | 28°17 | S 26 |
| S 27 | 4 26 45 | 5°21'25 | 18°21 | 24°56 | 8°28 | 0°53 | 14°25 | 5°46 | 0°54 | 24°32 | 23°22 | 10°29 | 10°11 | 5°58 | 28°21 | S 27 |
| M28 | 4 30 42 | 6°21'57 | 1♋20 | 26°16 | 9°43 | 1°32 | 14°38 | 5°42 | 0°51 | 24°34 | 23°21 | 10°17 | 10° 7 | 6° 4 | 28°25 | M28 |
| T 29 | 4 34 38 | 7°22'31 | 14°31 | 27°35 | 10°58 | 2°10 | 14°50 | 5°38 | 0°49 | 24°36 | 23°21 | 10° 6 | 10° 4 | 6°11 | 28°29 | T 29 |
| W30 | 4 38 35 | 8♐23'07 | 27♋51 | 28♐53 | 12♐14 | 2♏49 | 15♏ 3 | 5♋34 | 0♊46 | 24♎38 | 23♌21 | 9♍59 | 10♍ 1 | 6♈18 | 28♑33 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s33 | 18n34 | 4s44 | 16s57 | 0s19 | 12s24 | 1n 6 | 4s42 | 0n59 | 13s28 | 0n59 | 22n 2 | 1s 9 | 20n17 | 0s13 | 7s44 | 1n32 | 20n47 | 7n29 | 6n43 | 7n13 | 0s31 | 13s48 | 7n 3 |
| W 2 | 14 52 | 18 4 | 4 12 | 17 31 | 0 25 | 12 50 | 1 4 | 4 57 | 0 59 | 13 32 | 0 59 | 22 3 | 1 9 | 20 17 | 0 13 | 7 45 | 1 32 | 20 47 | 7 29 | 6 44 | 7 14 | 0 29 | 13 48 | 7 2 |
| T 3 | 15 10 | 16 35 | 3 25 | 18 3 | 0 32 | 13 16 | 1 2 | 5 12 | 0 58 | 13 36 | 0 59 | 22 3 | 1 9 | 20 16 | 0 13 | 7 46 | 1 32 | 20 47 | 7 29 | 6 45 | 7 15 | 0 27 | 13 48 | 7 2 |
| F 4 | 15 29 | 14 8 | 2 25 | 18 35 | 0 39 | 13 42 | 1 1 | 5 27 | 0 58 | 13 40 | 0 59 | 22 3 | 1 9 | 20 16 | 0 13 | 7 47 | 1 32 | 20 47 | 7 29 | 6 46 | 7 16 | 0 25 | 13 48 | 7 1 |
| S 5 | 15 47 | 10 49 | 1 16 | 19 6 | 0 45 | 14 7 | 0 59 | 5 41 | 0 58 | 13 44 | 0 59 | 22 3 | 1 9 | 20 15 | 0 13 | 7 47 | 1 32 | 20 47 | 7 30 | 6 45 | 7 18 | 0 23 | 13 48 | 7 1 |
| S 6 | 16 5 | 6 48 | 0 1 | 19 35 | 0 52 | 14 31 | 0 57 | 5 56 | 0 58 | 13 48 | 0 59 | 22 3 | 1 9 | 20 15 | 0 13 | 7 48 | 1 32 | 20 48 | 7 30 | 6 45 | 7 19 | 0 22 | 13 48 | 7 0 |
| M 7 | 16 22 | 2 19 | 1n16 | 20 4 | 0 58 | 14 56 | 0 55 | 6 11 | 0 57 | 13 53 | 0 59 | 22 3 | 1 10 | 20 14 | 0 13 | 7 49 | 1 32 | 20 48 | 7 30 | 6 45 | 7 20 | 0 20 | 13 48 | 7 0 |
| T 8 | 16 40 | 2s23 | 2 29 | 20 32 | 1 5 | 15 20 | 0 53 | 6 26 | 0 57 | 13 57 | 0 59 | 22 3 | 1 10 | 20 14 | 0 13 | 7 50 | 1 32 | 20 48 | 7 30 | 6 47 | 7 21 | 0 18 | 13 48 | 6 59 |
| W 9 | 16 57 | 6 59 | 3 32 | 20 59 | 1 11 | 15 44 | 0 51 | 6 41 | 0 57 | 14 1 | 0 59 | 22 3 | 1 10 | 20 13 | 0 13 | 7 50 | 1 32 | 20 48 | 7 31 | 6 49 | 7 22 | 0 16 | 13 48 | 6 59 |
| T 10 | 17 13 | 11 9 | 4 21 | 21 24 | 1 17 | 16 7 | 0 50 | 6 55 | 0 57 | 14 5 | 0 59 | 22 3 | 1 10 | 20 13 | 0 13 | 7 51 | 1 32 | 20 48 | 7 31 | 6 52 | 7 24 | 0 14 | 13 48 | 6 58 |
| F 11 | 17 30 | 14 34 | 4 51 | 21 49 | 1 23 | 16 30 | 0 48 | 7 10 | 0 56 | 14 9 | 0 59 | 22 3 | 1 10 | 20 13 | 0 13 | 7 52 | 1 32 | 20 48 | 7 31 | 6 56 | 7 25 | 0 12 | 13 48 | 6 58 |
| S 12 | 17 46 | 17 1 | 5 3 | 22 13 | 1 29 | 16 52 | 0 46 | 7 25 | 0 56 | 14 13 | 0 59 | 22 3 | 1 10 | 20 12 | 0 13 | 7 53 | 1 32 | 20 48 | 7 32 | 7 0 | 7 26 | 0 10 | 13 48 | 6 57 |
| S 13 | 18 2 | 18 22 | 4 55 | 22 35 | 1 34 | 17 14 | 0 44 | 7 39 | 0 56 | 14 17 | 0 59 | 22 4 | 1 10 | 20 12 | 0 13 | 7 53 | 1 32 | 20 48 | 7 32 | 7 4 | 7 27 | 0 8 | 13 48 | 6 57 |
| M14 | 18 18 | 18 36 | 4 31 | 22 56 | 1 40 | 17 35 | 0 41 | 7 54 | 0 56 | 14 21 | 0 59 | 22 4 | 1 10 | 20 11 | 0 13 | 7 54 | 1 32 | 20 49 | 7 32 | 7 7 | 7 28 | 0 7 | 13 47 | 6 56 |
| T 15 | 18 33 | 17 47 | 3 52 | 23 17 | 1 45 | 17 56 | 0 39 | 8 8 | 0 55 | 14 25 | 0 59 | 22 4 | 1 10 | 20 11 | 0 13 | 7 55 | 1 33 | 20 49 | 7 32 | 7 10 | 7 30 | 0 5 | 13 47 | 6 56 |
| W16 | 18 48 | 16 5 | 3 3 | 23 36 | 1 50 | 18 17 | 0 37 | 8 22 | 0 55 | 14 29 | 0 59 | 22 4 | 1 10 | 20 10 | 0 13 | 7 55 | 1 33 | 20 49 | 7 33 | 7 11 | 7 31 | 0 3 | 13 47 | 6 55 |
| T 17 | 19 2 | 13 40 | 2 6 | 23 54 | 1 55 | 18 37 | 0 35 | 8 37 | 0 55 | 14 33 | 0 59 | 22 4 | 1 10 | 20 10 | 0 13 | 7 56 | 1 33 | 20 49 | 7 33 | 7 12 | 7 32 | 0 1 | 13 47 | 6 55 |
| F 18 | 19 17 | 10 42 | 1 5 | 24 11 | 2 0 | 18 57 | 0 33 | 8 51 | 0 54 | 14 37 | 0 59 | 22 4 | 1 10 | 20 9 | 0 13 | 7 57 | 1 33 | 20 49 | 7 33 | 7 12 | 7 33 | 0n 1 | 13 47 | 6 54 |
| S 19 | 19 30 | 7 21 | 0 3 | 24 26 | 2 4 | 19 16 | 0 31 | 9 5 | 0 54 | 14 41 | 0 59 | 22 4 | 1 10 | 20 9 | 0 13 | 7 57 | 1 33 | 20 50 | 7 34 | 7 12 | 7 34 | 0 3 | 13 47 | 6 54 |
| S 20 | 19 44 | 3 43 | 1s 0 | 24 40 | 2 8 | 19 34 | 0 28 | 9 19 | 0 54 | 14 44 | 0 59 | 22 5 | 1 10 | 20 8 | 0 13 | 7 58 | 1 33 | 20 50 | 7 34 | 7 12 | 7 36 | 0 5 | 13 46 | 6 53 |
| M21 | 19 57 | 0n 2 | 1 59 | 24 54 | 2 12 | 19 52 | 0 26 | 9 34 | 0 54 | 14 48 | 0 59 | 22 5 | 1 10 | 20 8 | 0 13 | 7 59 | 1 33 | 20 50 | 7 34 | 7 13 | 7 37 | 0 7 | 13 46 | 6 53 |
| T 22 | 20 10 | 3 49 | 2 54 | 25 5 | 2 16 | 20 9 | 0 24 | 9 48 | 0 53 | 14 52 | 0 59 | 22 5 | 1 10 | 20 7 | 0 13 | 7 59 | 1 33 | 20 50 | 7 34 | 7 15 | 7 38 | 0 9 | 13 46 | 6 52 |
| W23 | 20 22 | 7 28 | 3 41 | 25 16 | 2 19 | 20 26 | 0 21 | 10 2 | 0 53 | 14 56 | 0 59 | 22 5 | 1 9 | 20 7 | 0 13 | 8 0 | 1 33 | 20 51 | 7 35 | 7 18 | 7 39 | 0 10 | 13 46 | 6 52 |
| T 24 | 20 35 | 10 53 | 4 19 | 25 25 | 2 22 | 20 43 | 0 19 | 10 15 | 0 53 | 15 0 | 0 59 | 22 5 | 1 9 | 20 6 | 0 13 | 8 1 | 1 33 | 20 51 | 7 35 | 7 22 | 7 40 | 0 12 | 13 45 | 6 51 |
| F 25 | 20 46 | 13 52 | 4 46 | 25 33 | 2 24 | 20 58 | 0 17 | 10 29 | 0 52 | 15 3 | 0 59 | 22 5 | 1 9 | 20 6 | 0 13 | 8 1 | 1 33 | 20 51 | 7 35 | 7 26 | 7 42 | 0 14 | 13 45 | 6 51 |
| S 26 | 20 58 | 16 17 | 4 59 | 25 40 | 2 27 | 21 13 | 0 14 | 10 43 | 0 52 | 15 7 | 0 59 | 22 6 | 1 9 | 20 5 | 0 13 | 8 2 | 1 33 | 20 51 | 7 36 | 7 32 | 7 43 | 0 16 | 13 45 | 6 51 |
| S 27 | 21 8 | 17 56 | 4 57 | 25 45 | 2 28 | 21 28 | 0 12 | 10 57 | 0 52 | 15 11 | 0 59 | 22 6 | 1 9 | 20 5 | 0 13 | 8 3 | 1 33 | 20 52 | 7 36 | 7 37 | 7 44 | 0 18 | 13 44 | 6 50 |
| M28 | 21 19 | 18 42 | 4 40 | 25 49 | 2 30 | 21 42 | 0 10 | 11 10 | 0 51 | 15 15 | 0 59 | 22 6 | 1 9 | 20 4 | 0 13 | 8 3 | 1 33 | 20 52 | 7 36 | 7 42 | 7 45 | 0 20 | 13 44 | 6 50 |
| T 29 | 21 29 | 18 28 | 4 8 | 25 52 | 2 30 | 21 55 | 0 7 | 11 24 | 0 51 | 15 18 | 0 59 | 22 6 | 1 9 | 20 4 | 0 13 | 8 4 | 1 33 | 20 52 | 7 36 | 7 46 | 7 46 | 0 22 | 13 44 | 6 49 |
| W30 | 21s39 | 17n14 | 3s22 | 25s53 | 2s31 | 22s 7 | 0n 5 | 11s37 | 0n51 | 15s22 | 0n59 | 22n 6 | 1s 9 | 20n 3 | 0s13 | 8s 4 | 1n33 | 20n53 | 7n37 | 7n48 | 7n48 | 0n24 | 13s43 | 6n49 |

Julian Day Number = 2614017.5, Delta T = 10m54s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'35, Lahiri = 30°04'36


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# ASTRODIENST EPHEMERIS for the year 2444
# geocentric

## DECEMBER 2444 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 42 31 | 9♐23'44 | 11♌22 | 0♑ 9 | 13♐29 | 3♏27 | 15♏15 | 5°R30 | 0°R44 | 24♎39 | 23°R21 | 9°R55 | 9♍58 | 6♈24 | 28♑37 | T 1 |
| F 2 | 4 46 28 | 10°24'23 | 25° 3 | 1°23 | 14°44 | 4° 6 | 15°28 | 5♋26 | 0♊42 | 24°41 | 23♌21 | 9♍53 | 9°55 | 6°31 | 28°41 | F 2 |
| S 3 | 4 50 25 | 11°25'03 | 8♍54 | 2°35 | 16° 0 | 4°45 | 15°40 | 5°22 | 0°39 | 24°43 | 23°21 | 9°52 | 9°51 | 6°38 | 28°46 | S 3 |
| S 4 | 4 54 21 | 12°25'45 | 22°56 | 3°44 | 17°15 | 5°23 | 15°53 | 5°17 | 0°37 | 24°44 | 23°20 | 9°52 | 9°48 | 6°44 | 28°50 | S 4 |
| M 5 | 4 58 18 | 13°26'29 | 7♎ 8 | 4°51 | 18°30 | 6° 2 | 16° 5 | 5°13 | 0°34 | 24°46 | 23°20 | 9°51 | 9°45 | 6°51 | 28°54 | M 5 |
| T 6 | 5 2 14 | 14°27'14 | 21°30 | 5°54 | 19°46 | 6°40 | 16°17 | 5° 9 | 0°32 | 24°48 | 23°20 | 9°47 | 9°42 | 6°58 | 28°59 | T 6 |
| W 7 | 5 6 11 | 15°28'01 | 5♏57 | 6°53 | 21° 1 | 7°19 | 16°30 | 5° 4 | 0°29 | 24°49 | 23°19 | 9°41 | 9°39 | 7° 4 | 29° 3 | W 7 |
| T 8 | 5 10 7 | 16°28'49 | 20°26 | 7°48 | 22°16 | 7°57 | 16°42 | 5° 0 | 0°27 | 24°51 | 23°19 | 9°31 | 9°36 | 7°11 | 29° 8 | T 8 |
| F 9 | 5 14 4 | 17°29'39 | 4♐50 | 8°39 | 23°32 | 8°36 | 16°54 | 4°55 | 0°25 | 24°52 | 23°18 | 9°20 | 9°32 | 7°18 | 29°12 | F 9 |
| S 10 | 5 18 0 | 18°30'29 | 19° 3 | 9°23 | 24°47 | 9°15 | 17° 6 | 4°50 | 0°22 | 24°54 | 23°18 | 9° 7 | 9°29 | 7°24 | 29°17 | S 10 |
| S 11 | 5 21 57 | 19°31'21 | 2♑58 | 10° 2 | 26° 3 | 9°53 | 17°18 | 4°46 | 0°20 | 24°55 | 23°18 | 8°55 | 9°26 | 7°31 | 29°22 | S 11 |
| M12 | 5 25 54 | 20°32'14 | 16°32 | 10°33 | 27°18 | 10°32 | 17°30 | 4°41 | 0°18 | 24°57 | 23°17 | 8°44 | 9°23 | 7°38 | 29°26 | M12 |
| T 13 | 5 29 50 | 21°33'08 | 29°42 | 10°56 | 28°33 | 11°11 | 17°42 | 4°36 | 0°15 | 24°58 | 23°17 | 8°36 | 9°20 | 7°44 | 29°31 | T 13 |
| W14 | 5 33 47 | 22°34'03 | 12♒29 | 11°11 | 29°49 | 11°49 | 17°54 | 4°32 | 0°13 | 25° 0 | 23°16 | 8°31 | 9°17 | 7°51 | 29°36 | W14 |
| T 15 | 5 37 43 | 23°34'58 | 24°55 | 11°R16 | 1♑ 4 | 12°28 | 18° 6 | 4°27 | 0°11 | 25° 1 | 23°15 | 8°28 | 9°13 | 7°58 | 29°40 | T 15 |
| F 16 | 5 41 40 | 24°35'54 | 7♓ 4 | 11°10 | 2°20 | 13° 6 | 18°18 | 4°22 | 0° 9 | 25° 2 | 23°15 | 8°D27 | 9°10 | 8° 4 | 29°45 | F 16 |
| S 17 | 5 45 36 | 25°36'51 | 19° 1 | 10°54 | 3°35 | 13°45 | 18°29 | 4°17 | 0° 6 | 25° 4 | 23°14 | 8°27 | 9° 7 | 8°11 | 29°50 | S 17 |
| S 18 | 5 49 33 | 26°37'48 | 0♈50 | 10°26 | 4°50 | 14°24 | 18°41 | 4°12 | 0° 4 | 25° 5 | 23°14 | 8°R27 | 9° 4 | 8°18 | 29°55 | S 18 |
| M19 | 5 53 29 | 27°38'46 | 12°39 | 9°47 | 6° 6 | 15° 2 | 18°53 | 4° 7 | 0° 2 | 25° 6 | 23°13 | 8°26 | 9° 1 | 8°24 | 0♒ 0 | M19 |
| T 20 | 5 57 26 | 28°39'45 | 24°31 | 8°56 | 7°21 | 15°41 | 19° 4 | 4° 2 | 29♉59 | 25° 7 | 23°12 | 8°23 | 8°57 | 8°31 | 0° 5 | T 20 |
| W21 | 6 1 23 | 29°40'44 | 6♉33 | 7°56 | 8°36 | 16°20 | 19°16 | 3°57 | 29°58 | 25° 9 | 23°11 | 8°17 | 8°54 | 8°38 | 0°10 | W21 |
| T 22 | 6 5 19 | 0♑41'43 | 18°47 | 6°46 | 9°52 | 16°58 | 19°27 | 3°52 | 29°56 | 25°10 | 23°11 | 8° 9 | 8°51 | 8°44 | 0°15 | T 22 |
| F 23 | 6 9 16 | 1°42'43 | 1♊17 | 5°29 | 11° 7 | 17°37 | 19°38 | 3°48 | 29°54 | 25°11 | 23°10 | 7°58 | 8°48 | 8°51 | 0°20 | F 23 |
| S 24 | 6 13 12 | 2°43'44 | 14° 5 | 4° 8 | 12°23 | 18°16 | 19°50 | 3°43 | 29°52 | 25°12 | 23° 9 | 7°46 | 8°45 | 8°58 | 0°25 | S 24 |
| S 25 | 6 17 9 | 3°44'45 | 27°10 | 2°45 | 13°38 | 18°54 | 20° 1 | 3°38 | 29°50 | 25°13 | 23° 8 | 7°34 | 8°42 | 9° 4 | 0°30 | S 25 |
| M26 | 6 21 5 | 4°45'47 | 10♋31 | 1°23 | 14°53 | 19°33 | 20°12 | 3°33 | 29°48 | 25°14 | 23° 8 | 7°23 | 8°38 | 9°11 | 0°35 | M26 |
| T 27 | 6 25 2 | 5°46'50 | 24° 6 | 0° 5 | 16° 9 | 20°12 | 20°23 | 3°28 | 29°46 | 25°15 | 23° 7 | 7°15 | 8°35 | 9°18 | 0°41 | T 27 |
| W28 | 6 28 58 | 6°47'53 | 7♌52 | 28♐52 | 17°24 | 20°50 | 20°34 | 3°23 | 29°44 | 25°16 | 23° 6 | 7° 8 | 8°32 | 9°24 | 0°46 | W28 |
| T 29 | 6 32 55 | 7°48'57 | 21°46 | 27°48 | 18°39 | 21°29 | 20°45 | 3°18 | 29°42 | 25°17 | 23° 5 | 7° 5 | 8°29 | 9°31 | 0°51 | T 29 |
| F 30 | 6 36 52 | 8°50'01 | 5♍45 | 26°53 | 19°55 | 22° 8 | 20°55 | 3°13 | 29°41 | 25°18 | 23° 4 | 7°D 4 | 8°26 | 9°38 | 0°56 | F 30 |
| S 31 | 6 40 48 | 9♑51'06 | 19♍48 | 26♐ 9 | 21♑10 | 22♏47 | 21♏ 6 | 3♋ 8 | 29♉39 | 25♎19 | 23♌ 3 | 7♍ 4 | 8♍23 | 9♈44 | 1♒ 2 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s48 | 15n 0 | 2s25 | 25s53 | 2s30 | 22s19 | 0n 2 | 11s51 | 0n50 | 15s25 | 0n59 | 22n 7 | 1s 9 | 20n 3 | 0s13 | 8s 5 | 1n33 | 20n53 | 7n37 | 7n50 | 7n49 | 0n26 | 13s43 | 6n49 |
| F 2 | 21 57 | 11 55 | 1 18 | 25 52 | 2 29 | 22 30 | 0 0 | 12 4 | 0 50 | 15 29 | 0 59 | 22 7 | 1 9 | 20 2 | 0 13 | 8 6 | 1 33 | 20 53 | 7 37 | 7 51 | 7 50 | 0 28 | 13 42 | 6 48 |
| S 3 | 22 6 | 8 8 | 0 5 | 25 49 | 2 28 | 22 41 | 0s 2 | 12 17 | 0 50 | 15 33 | 0 59 | 22 7 | 1 9 | 20 2 | 0 13 | 8 6 | 1 33 | 20 54 | 7 38 | 7 51 | 7 51 | 0 29 | 13 42 | 6 48 |
| S 4 | 22 14 | 3 51 | 1n 8 | 25 45 | 2 25 | 22 51 | 0 5 | 12 31 | 0 49 | 15 36 | 0 59 | 22 7 | 1 9 | 20 1 | 0 13 | 8 7 | 1 33 | 20 54 | 7 38 | 7 51 | 7 52 | 0 31 | 13 41 | 6 47 |
| M 5 | 22 21 | 0s42 | 2 19 | 25 40 | 2 22 | 23 0 | 0 7 | 12 44 | 0 49 | 15 40 | 0 59 | 22 8 | 1 9 | 20 1 | 0 13 | 8 7 | 1 33 | 20 54 | 7 38 | 7 51 | 7 54 | 0 33 | 13 41 | 6 47 |
| T 6 | 22 29 | 5 15 | 3 21 | 25 33 | 2 18 | 23 9 | 0 10 | 12 57 | 0 49 | 15 43 | 0 59 | 22 8 | 1 9 | 20 0 | 0 13 | 8 8 | 1 33 | 20 55 | 7 38 | 7 53 | 7 55 | 0 35 | 13 40 | 6 47 |
| W 7 | 22 35 | 9 32 | 4 11 | 25 25 | 2 13 | 23 16 | 0 12 | 13 10 | 0 48 | 15 47 | 0 59 | 22 8 | 1 9 | 20 0 | 0 13 | 8 8 | 1 33 | 20 55 | 7 39 | 7 55 | 7 56 | 0 37 | 13 40 | 6 46 |
| T 8 | 22 42 | 13 14 | 4 44 | 25 16 | 2 8 | 23 24 | 0 14 | 13 22 | 0 48 | 15 50 | 0 59 | 22 8 | 1 9 | 19 59 | 0 13 | 8 9 | 1 33 | 20 55 | 7 39 | 7 59 | 7 57 | 0 39 | 13 39 | 6 46 |
| F 9 | 22 48 | 16 8 | 5 0 | 25 7 | 2 1 | 23 30 | 0 17 | 13 35 | 0 47 | 15 53 | 1 0 | 22 8 | 1 9 | 19 59 | 0 13 | 8 9 | 1 33 | 20 56 | 7 39 | 8 3 | 7 58 | 0 41 | 13 39 | 6 46 |
| S 10 | 22 53 | 18 1 | 4 56 | 24 56 | 1 53 | 23 36 | 0 19 | 13 48 | 0 47 | 15 57 | 1 0 | 22 9 | 1 9 | 19 58 | 0 13 | 8 10 | 1 33 | 20 56 | 7 40 | 8 8 | 8 0 | 0 43 | 13 38 | 6 45 |
| S 11 | 22 58 | 18 46 | 4 35 | 24 44 | 1 44 | 23 41 | 0 21 | 14 0 | 0 47 | 16 0 | 1 0 | 22 9 | 1 9 | 19 58 | 0 13 | 8 10 | 1 34 | 20 57 | 7 40 | 8 12 | 8 1 | 0 45 | 13 38 | 6 45 |
| M12 | 23 3 | 18 25 | 3 58 | 24 31 | 1 34 | 23 45 | 0 24 | 14 13 | 0 46 | 16 3 | 1 0 | 22 9 | 1 9 | 19 57 | 0 13 | 8 11 | 1 34 | 20 57 | 7 40 | 8 16 | 8 2 | 0 47 | 13 37 | 6 45 |
| T 13 | 23 7 | 17 4 | 3 10 | 24 17 | 1 22 | 23 48 | 0 26 | 14 25 | 0 46 | 16 7 | 1 0 | 22 9 | 1 9 | 19 57 | 0 13 | 8 11 | 1 34 | 20 58 | 7 40 | 8 20 | 8 3 | 0 48 | 13 36 | 6 44 |
| W14 | 23 10 | 14 53 | 2 13 | 24 3 | 1 9 | 23 51 | 0 28 | 14 37 | 0 45 | 16 10 | 1 0 | 22 10 | 1 9 | 19 56 | 0 13 | 8 12 | 1 34 | 20 58 | 7 41 | 8 22 | 8 4 | 0 50 | 13 36 | 6 44 |
| T 15 | 23 13 | 12 4 | 1 11 | 23 49 | 0 55 | 23 53 | 0 31 | 14 49 | 0 45 | 16 13 | 1 0 | 22 10 | 1 9 | 19 56 | 0 13 | 8 12 | 1 34 | 20 58 | 7 41 | 8 23 | 8 6 | 0 52 | 13 35 | 6 44 |
| F 16 | 23 16 | 8 47 | 0 7 | 23 34 | 0 39 | 23 55 | 0 33 | 15 1 | 0 45 | 16 16 | 1 0 | 22 10 | 1 8 | 19 55 | 0 13 | 8 13 | 1 34 | 20 59 | 7 41 | 8 23 | 8 7 | 0 54 | 13 34 | 6 43 |
| S 17 | 23 18 | 5 12 | 0s56 | 23 18 | 0 22 | 23 55 | 0 35 | 15 13 | 0 44 | 16 20 | 1 0 | 22 10 | 1 8 | 19 55 | 0 13 | 8 13 | 1 34 | 20 59 | 7 41 | 8 23 | 8 8 | 0 56 | 13 34 | 6 43 |
| S 18 | 23 20 | 1 27 | 1 56 | 23 2 | 0 4 | 23 55 | 0 38 | 15 25 | 0 44 | 16 23 | 1 0 | 22 10 | 1 8 | 19 54 | 0 13 | 8 14 | 1 34 | 21 0 | 7 42 | 8 23 | 8 9 | 0 58 | 13 33 | 6 43 |
| M19 | 23 21 | 2n21 | 2 51 | 22 46 | 0n15 | 23 54 | 0 40 | 15 37 | 0 43 | 16 26 | 1 0 | 22 11 | 1 8 | 19 54 | 0 13 | 8 14 | 1 34 | 21 0 | 7 42 | 8 23 | 8 10 | 1 0 | 13 32 | 6 43 |
| T 20 | 23 22 | 6 4 | 3 39 | 22 30 | 0 35 | 23 52 | 0 42 | 15 49 | 0 43 | 16 29 | 1 0 | 22 11 | 1 8 | 19 54 | 0 13 | 8 14 | 1 34 | 21 1 | 7 42 | 8 24 | 8 11 | 1 2 | 13 31 | 6 42 |
| W21 | 23 23 | 9 36 | 4 18 | 22 14 | 0 55 | 23 50 | 0 44 | 16 0 | 0 42 | 16 32 | 1 0 | 22 11 | 1 8 | 19 53 | 0 13 | 8 15 | 1 34 | 21 1 | 7 42 | 8 27 | 8 13 | 1 4 | 13 31 | 6 42 |
| T 22 | 23 23 | 12 47 | 4 46 | 21 58 | 1 15 | 23 47 | 0 46 | 16 11 | 0 42 | 16 35 | 1 0 | 22 11 | 1 8 | 19 53 | 0 13 | 8 15 | 1 34 | 21 2 | 7 43 | 8 30 | 8 14 | 1 6 | 13 30 | 6 42 |
| F 23 | 23 22 | 15 27 | 5 1 | 21 42 | 1 34 | 23 43 | 0 48 | 16 23 | 0 42 | 16 38 | 1 0 | 22 12 | 1 8 | 19 52 | 0 13 | 8 16 | 1 34 | 21 2 | 7 43 | 8 34 | 8 15 | 1 7 | 13 29 | 6 42 |
| S 24 | 23 21 | 17 27 | 5 1 | 21 26 | 1 53 | 23 39 | 0 50 | 16 34 | 0 41 | 16 41 | 1 0 | 22 12 | 1 8 | 19 52 | 0 13 | 8 16 | 1 34 | 21 3 | 7 43 | 8 38 | 8 16 | 1 9 | 13 28 | 6 41 |
| S 25 | 23 20 | 18 35 | 4 46 | 21 12 | 2 9 | 23 33 | 0 53 | 16 45 | 0 41 | 16 44 | 1 0 | 22 12 | 1 8 | 19 52 | 0 13 | 8 16 | 1 34 | 21 3 | 7 43 | 8 42 | 8 17 | 1 11 | 13 27 | 6 41 |
| M26 | 23 18 | 18 44 | 4 14 | 20 58 | 2 24 | 23 27 | 0 55 | 16 56 | 0 40 | 16 47 | 1 0 | 22 12 | 1 8 | 19 51 | 0 13 | 8 17 | 1 34 | 21 4 | 7 44 | 8 46 | 8 19 | 1 13 | 13 27 | 6 41 |
| T 27 | 23 15 | 17 49 | 3 28 | 20 46 | 2 37 | 23 20 | 0 56 | 17 7 | 0 40 | 16 49 | 1 1 | 22 13 | 1 7 | 19 51 | 0 12 | 8 17 | 1 34 | 21 4 | 7 44 | 8 50 | 8 20 | 1 15 | 13 26 | 6 41 |
| W28 | 23 12 | 15 51 | 2 29 | 20 35 | 2 47 | 23 13 | 0 58 | 17 17 | 0 39 | 16 52 | 1 1 | 22 13 | 1 7 | 19 50 | 0 12 | 8 17 | 1 34 | 21 5 | 7 44 | 8 52 | 8 21 | 1 17 | 13 25 | 6 40 |
| T 29 | 23 9 | 12 56 | 1 21 | 20 27 | 2 55 | 23 5 | 1 0 | 17 28 | 0 39 | 16 55 | 1 1 | 22 13 | 1 7 | 19 50 | 0 12 | 8 17 | 1 34 | 21 5 | 7 44 | 8 53 | 8 22 | 1 19 | 13 24 | 6 40 |
| F 30 | 23 5 | 9 16 | 0 7 | 20 21 | 3 0 | 22 56 | 1 2 | 17 38 | 0 38 | 16 58 | 1 1 | 22 13 | 1 7 | 19 50 | 0 12 | 8 18 | 1 35 | 21 6 | 7 45 | 8 54 | 8 23 | 1 21 | 13 23 | 6 40 |
| S 31 | 23s 1 | 5n 4 | 1n 8 | 20s16 | 3n 3 | 22s46 | 1s 4 | 17s49 | 0n38 | 17s 1 | 1n 1 | 22n14 | 1s 7 | 19n49 | 0s12 | 8s18 | 1n35 | 21n 6 | 7n45 | 8n54 | 8n25 | 1n23 | 13s22 | 6n40 |

Julian Day Number = 2614047.5, Delta T = 10m54s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'39, Lahiri = 30°04'40


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## JANUARY 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 44 45 | 10♉52'12 | 3♎53 | 25°R35 | 22♉25 | 23♏25 | 21♏17 | 3°R 3 | 29°R37 | 25♎20 | 23°R 2 | 7♍ 5 | 8♍19 | 9♈51 | 1♒ 7 | S 1 |
| M 2 | 6 48 41 | 11°53'18 | 17°59 | 25♐12 | 23°41 | 24° 4 | 21°27 | 2♋58 | 29♉35 | 25°21 | 23♌ 1 | 7°R 5 | 8°16 | 9°58 | 1°12 | M 2 |
| T 3 | 6 52 38 | 12°54'25 | 2♏ 6 | 25° 0 | 24°56 | 24°43 | 21°37 | 2°53 | 29°34 | 25°21 | 23° 0 | 7° 3 | 8°13 | 10° 4 | 1°18 | T 3 |
| W 4 | 6 56 34 | 13°55'33 | 16°12 | 24°D57 | 26°11 | 25°21 | 21°48 | 2°49 | 29°32 | 25°22 | 22°59 | 6°59 | 8°10 | 10°11 | 1°23 | W 4 |
| T 5 | 7 0 31 | 14°56'41 | 0♐13 | 25° 3 | 27°27 | 26° 0 | 21°58 | 2°44 | 29°31 | 25°23 | 22°58 | 6°53 | 8° 7 | 10°18 | 1°28 | T 5 |
| F 6 | 7 4 27 | 15°57'50 | 14° 9 | 25°18 | 28°42 | 26°39 | 22° 8 | 2°39 | 29°29 | 25°24 | 22°57 | 6°45 | 8° 3 | 10°24 | 1°34 | F 6 |
| S 7 | 7 8 24 | 16°58'59 | 27°54 | 25°41 | 29°57 | 27°18 | 22°18 | 2°34 | 29°28 | 25°24 | 22°56 | 6°36 | 8° 0 | 10°31 | 1°39 | S 7 |
| S 8 | 7 12 21 | 18° 0'08 | 11♉26 | 26°11 | 1♒13 | 27°57 | 22°28 | 2°30 | 29°26 | 25°25 | 22°55 | 6°27 | 7°57 | 10°38 | 1°45 | S 8 |
| M 9 | 7 16 17 | 19° 1'17 | 24°41 | 26°47 | 2°28 | 28°35 | 22°38 | 2°25 | 29°25 | 25°26 | 22°54 | 6°20 | 7°54 | 10°44 | 1°50 | M 9 |
| T 10 | 7 20 14 | 20° 2'27 | 7♒39 | 27°29 | 3°43 | 29°14 | 22°48 | 2°20 | 29°23 | 25°26 | 22°52 | 6°14 | 7°51 | 10°51 | 1°55 | T 10 |
| W11 | 7 24 10 | 21° 3'36 | 20°18 | 28°16 | 4°59 | 29°53 | 22°57 | 2°16 | 29°22 | 25°27 | 22°51 | 6°10 | 7°48 | 10°58 | 2° 1 | W11 |
| T 12 | 7 28 7 | 22° 4'45 | 2♓41 | 29° 7 | 6°14 | 0♐32 | 23° 7 | 2°11 | 29°21 | 25°27 | 22°50 | 6°D 9 | 7°44 | 11° 4 | 2° 6 | T 12 |
| F 13 | 7 32 3 | 23° 5'54 | 14°48 | 0♉ 3 | 7°29 | 1°10 | 23°16 | 2° 7 | 29°20 | 25°28 | 22°49 | 6° 9 | 7°41 | 11°11 | 2°12 | F 13 |
| S 14 | 7 36 0 | 24° 7'03 | 26°45 | 1° 2 | 8°44 | 1°49 | 23°26 | 2° 2 | 29°19 | 25°28 | 22°48 | 6°10 | 7°38 | 11°18 | 2°17 | S 14 |
| S 15 | 7 39 56 | 25° 8'11 | 8♈36 | 2° 4 | 10° 0 | 2°28 | 23°35 | 1°58 | 29°17 | 25°28 | 22°46 | 6°12 | 7°35 | 11°24 | 2°23 | S 15 |
| M16 | 7 43 53 | 26° 9'18 | 20°25 | 3° 9 | 11°15 | 3° 7 | 23°44 | 1°54 | 29°16 | 25°29 | 22°45 | 6°13 | 7°32 | 11°31 | 2°28 | M16 |
| T 17 | 7 47 50 | 27°10'26 | 2♉17 | 4°16 | 12°30 | 3°45 | 23°53 | 1°49 | 29°15 | 25°29 | 22°44 | 6°R13 | 7°29 | 11°38 | 2°34 | T 17 |
| W18 | 7 51 46 | 28°11'32 | 14°19 | 5°26 | 13°45 | 4°24 | 24° 2 | 1°45 | 29°14 | 25°29 | 22°43 | 6°12 | 7°25 | 11°44 | 2°39 | W18 |
| T 19 | 7 55 43 | 29°12'39 | 26°34 | 6°38 | 15° 0 | 5° 3 | 24°10 | 1°41 | 29°13 | 25°30 | 22°41 | 6° 8 | 7°22 | 11°51 | 2°45 | T 19 |
| F 20 | 7 59 39 | 0♒13'44 | 9♊ 6 | 7°52 | 16°16 | 5°42 | 24°19 | 1°37 | 29°13 | 25°30 | 22°40 | 6° 4 | 7°19 | 11°58 | 2°50 | F 20 |
| S 21 | 8 3 36 | 1°14'49 | 22° 0 | 9° 7 | 17°31 | 6°20 | 24°27 | 1°33 | 29°12 | 25°30 | 22°39 | 5°58 | 7°16 | 12° 4 | 2°56 | S 21 |
| S 22 | 8 7 32 | 2°15'54 | 5♋15 | 10°24 | 18°46 | 6°59 | 24°36 | 1°29 | 29°11 | 25°30 | 22°38 | 5°52 | 7°13 | 12°11 | 3° 2 | S 22 |
| M23 | 8 11 29 | 3°16'58 | 18°52 | 11°43 | 20° 1 | 7°38 | 24°44 | 1°25 | 29°10 | 25°30 | 22°36 | 5°47 | 7° 9 | 12°18 | 3° 7 | M23 |
| T 24 | 8 15 25 | 4°18'01 | 2♌48 | 13° 2 | 21°16 | 8°17 | 24°52 | 1°22 | 29°10 | 25°30 | 22°35 | 5°42 | 7° 6 | 12°24 | 3°13 | T 24 |
| W25 | 8 19 22 | 5°19'04 | 17° 0 | 14°23 | 22°31 | 8°55 | 25° 0 | 1°18 | 29° 9 | 25°30 | 22°34 | 5°39 | 7° 3 | 12°31 | 3°18 | W25 |
| T 26 | 8 23 19 | 6°20'07 | 1♍22 | 15°45 | 23°46 | 9°34 | 25° 8 | 1°14 | 29° 8 | 25°R31 | 22°32 | 5°D38 | 7° 0 | 12°38 | 3°24 | T 26 |
| F 27 | 8 27 15 | 7°21'09 | 15°50 | 17° 8 | 25° 1 | 10°13 | 25°16 | 1°11 | 29° 8 | 25°30 | 22°31 | 5°38 | 6°57 | 12°44 | 3°29 | F 27 |
| S 28 | 8 31 12 | 8°22'10 | 0♎17 | 18°32 | 26°17 | 10°52 | 25°23 | 1° 7 | 29° 7 | 25°30 | 22°29 | 5°40 | 6°54 | 12°51 | 3°35 | S 28 |
| S 29 | 8 35 8 | 9°23'11 | 14°41 | 19°57 | 27°32 | 11°31 | 25°31 | 1° 4 | 29° 7 | 25°30 | 22°28 | 5°41 | 6°50 | 12°58 | 3°40 | S 29 |
| M30 | 8 39 5 | 10°24'12 | 28°57 | 21°22 | 28°47 | 12° 9 | 25°38 | 1° 1 | 29° 7 | 25°30 | 22°27 | 5°42 | 6°47 | 13° 4 | 3°46 | M30 |
| T 31 | 8 43 1 | 11♒25'12 | 13♏ 3 | 22♉49 | 0♓ 2 | 12♐48 | 25♏45 | 0♋58 | 29♉ 6 | 25♎30 | 22♌25 | 5°R43 | 6♍44 | 13♈11 | 3♒51 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22s56 | 0n35 | 2n19 | 20s14 | 3n 4 | 22s36 | 1s 6 | 17s59 | 0n37 | 17s 3 | 1n 1 | 22n14 | 1s 7 | 19n49 | 0s12 | 8s18 | 1n35 | 21n 7 | 7n45 | 8n53 | 8n26 | 1n25 | 13s21 | 6n40 |
| M 2 | 22 51 | 3s56 | 3 21 | 20 14 | 3 3 | 22 25 | 1 7 | 18 9 | 0 37 | 17 6 | 1 1 | 22 14 | 1 7 | 19 49 | 0 12 | 8 19 | 1 35 | 21 7 | 7 45 | 8 53 | 8 27 | 1 27 | 13 20 | 6 40 |
| T 3 | 22 45 | 8 14 | 4 12 | 20 16 | 3 1 | 22 13 | 1 9 | 18 19 | 0 36 | 17 8 | 1 1 | 22 14 | 1 7 | 19 48 | 0 12 | 8 19 | 1 35 | 21 8 | 7 45 | 8 54 | 8 28 | 1 28 | 13 19 | 6 39 |
| W 4 | 22 39 | 12 3 | 4 47 | 20 20 | 2 57 | 22 1 | 1 11 | 18 28 | 0 36 | 17 11 | 1 1 | 22 14 | 1 7 | 19 48 | 0 12 | 8 19 | 1 35 | 21 8 | 7 46 | 8 55 | 8 29 | 1 30 | 13 18 | 6 39 |
| T 5 | 22 33 | 15 11 | 5 5 | 20 25 | 2 52 | 21 48 | 1 12 | 18 38 | 0 35 | 17 14 | 1 1 | 22 15 | 1 6 | 19 48 | 0 12 | 8 19 | 1 35 | 21 9 | 7 46 | 8 58 | 8 30 | 1 32 | 13 17 | 6 39 |
| F 6 | 22 26 | 17 24 | 5 4 | 20 32 | 2 46 | 21 34 | 1 14 | 18 48 | 0 35 | 17 16 | 1 1 | 22 15 | 1 6 | 19 47 | 0 12 | 8 19 | 1 35 | 21 10 | 7 46 | 9 1 | 8 32 | 1 34 | 13 16 | 6 39 |
| S 7 | 22 18 | 18 36 | 4 46 | 20 39 | 2 39 | 21 20 | 1 15 | 18 57 | 0 34 | 17 19 | 1 1 | 22 15 | 1 6 | 19 47 | 0 12 | 8 20 | 1 35 | 21 10 | 7 46 | 9 4 | 8 33 | 1 36 | 13 15 | 6 39 |
| S 8 | 22 10 | 18 42 | 4 12 | 20 48 | 2 32 | 21 5 | 1 17 | 19 6 | 0 34 | 17 21 | 1 2 | 22 15 | 1 6 | 19 47 | 0 12 | 8 20 | 1 35 | 21 11 | 7 46 | 9 7 | 8 34 | 1 38 | 13 14 | 6 39 |
| M 9 | 22 2 | 17 46 | 3 25 | 20 57 | 2 24 | 20 50 | 1 18 | 19 15 | 0 33 | 17 23 | 1 2 | 22 16 | 1 6 | 19 46 | 0 12 | 8 20 | 1 35 | 21 11 | 7 47 | 9 10 | 8 35 | 1 40 | 13 13 | 6 39 |
| T 10 | 21 53 | 15 56 | 2 28 | 21 6 | 2 15 | 20 34 | 1 19 | 19 24 | 0 33 | 17 26 | 1 2 | 22 16 | 1 6 | 19 46 | 0 12 | 8 20 | 1 35 | 21 12 | 7 47 | 9 12 | 8 36 | 1 42 | 13 12 | 6 38 |
| W11 | 21 44 | 13 20 | 1 25 | 21 15 | 2 7 | 20 17 | 1 21 | 19 33 | 0 32 | 17 28 | 1 2 | 22 16 | 1 6 | 19 46 | 0 12 | 8 20 | 1 35 | 21 12 | 7 47 | 9 14 | 8 38 | 1 44 | 13 11 | 6 38 |
| T 12 | 21 34 | 10 12 | 0 19 | 21 25 | 1 58 | 19 59 | 1 22 | 19 42 | 0 32 | 17 30 | 1 2 | 22 16 | 1 5 | 19 46 | 0 12 | 8 20 | 1 35 | 21 13 | 7 47 | 9 14 | 8 39 | 1 46 | 13 10 | 6 38 |
| F 13 | 21 24 | 6 41 | 0s47 | 21 34 | 1 49 | 19 42 | 1 23 | 19 50 | 0 31 | 17 33 | 1 2 | 22 16 | 1 5 | 19 45 | 0 12 | 8 20 | 1 35 | 21 14 | 7 47 | 9 14 | 8 40 | 1 48 | 13 9 | 6 38 |
| S 14 | 21 14 | 2 58 | 1 50 | 21 43 | 1 40 | 19 23 | 1 24 | 19 59 | 0 30 | 17 35 | 1 2 | 22 17 | 1 5 | 19 45 | 0 12 | 8 21 | 1 35 | 21 14 | 7 48 | 9 13 | 8 41 | 1 50 | 13 8 | 6 38 |
| S 15 | 21 3 | 0n50 | 2 47 | 21 51 | 1 30 | 19 4 | 1 25 | 20 7 | 0 30 | 17 37 | 1 2 | 22 17 | 1 5 | 19 45 | 0 12 | 8 21 | 1 35 | 21 15 | 7 48 | 9 13 | 8 42 | 1 51 | 13 7 | 6 38 |
| M16 | 20 52 | 4 36 | 3 38 | 21 59 | 1 21 | 18 44 | 1 26 | 20 15 | 0 29 | 17 39 | 1 2 | 22 17 | 1 5 | 19 45 | 0 12 | 8 21 | 1 35 | 21 15 | 7 48 | 9 12 | 8 43 | 1 53 | 13 5 | 6 38 |
| T 17 | 20 40 | 8 11 | 4 19 | 22 7 | 1 12 | 18 24 | 1 27 | 20 23 | 0 29 | 17 41 | 1 2 | 22 17 | 1 5 | 19 45 | 0 12 | 8 21 | 1 36 | 21 16 | 7 48 | 9 12 | 8 45 | 1 55 | 13 4 | 6 38 |
| W18 | 20 28 | 11 29 | 4 49 | 22 13 | 1 3 | 18 4 | 1 28 | 20 30 | 0 28 | 17 43 | 1 3 | 22 18 | 1 5 | 19 44 | 0 12 | 8 21 | 1 36 | 21 16 | 7 48 | 9 13 | 8 46 | 1 57 | 13 3 | 6 38 |
| T 19 | 20 16 | 14 21 | 5 7 | 22 19 | 0 54 | 17 42 | 1 29 | 20 38 | 0 28 | 17 45 | 1 3 | 22 18 | 1 4 | 19 44 | 0 12 | 8 21 | 1 36 | 21 17 | 7 49 | 9 14 | 8 47 | 1 59 | 13 2 | 6 38 |
| F 20 | 20 3 | 16 38 | 5 11 | 22 24 | 0 45 | 17 21 | 1 29 | 20 46 | 0 27 | 17 47 | 1 3 | 22 18 | 1 4 | 19 44 | 0 12 | 8 21 | 1 36 | 21 18 | 7 49 | 9 16 | 8 48 | 2 1 | 13 1 | 6 38 |
| S 21 | 19 50 | 18 9 | 5 0 | 22 28 | 0 36 | 16 59 | 1 30 | 20 53 | 0 26 | 17 49 | 1 3 | 22 18 | 1 4 | 19 44 | 0 12 | 8 21 | 1 36 | 21 18 | 7 49 | 9 18 | 8 49 | 2 3 | 13 0 | 6 38 |
| S 22 | 19 36 | 18 45 | 4 32 | 22 31 | 0 27 | 16 36 | 1 31 | 21 0 | 0 26 | 17 51 | 1 3 | 22 18 | 1 4 | 19 44 | 0 12 | 8 21 | 1 36 | 21 19 | 7 49 | 9 20 | 8 50 | 2 5 | 12 58 | 6 38 |
| M23 | 19 22 | 18 17 | 3 48 | 22 33 | 0 18 | 16 13 | 1 31 | 21 7 | 0 25 | 17 53 | 1 3 | 22 19 | 1 4 | 19 44 | 0 12 | 8 21 | 1 36 | 21 19 | 7 49 | 9 22 | 8 52 | 2 7 | 12 57 | 6 38 |
| T 24 | 19 8 | 16 43 | 2 50 | 22 35 | 0 10 | 15 49 | 1 32 | 21 14 | 0 24 | 17 55 | 1 3 | 22 19 | 1 4 | 19 43 | 0 12 | 8 21 | 1 36 | 21 20 | 7 49 | 9 24 | 8 53 | 2 9 | 12 56 | 6 38 |
| W25 | 18 54 | 14 6 | 1 40 | 22 34 | 0 2 | 15 25 | 1 32 | 21 20 | 0 24 | 17 57 | 1 3 | 22 19 | 1 3 | 19 43 | 0 12 | 8 21 | 1 36 | 21 21 | 7 49 | 9 25 | 8 54 | 2 11 | 12 55 | 6 38 |
| T 26 | 18 39 | 10 36 | 0 23 | 22 33 | 0s 6 | 15 1 | 1 32 | 21 27 | 0 23 | 17 58 | 1 3 | 22 19 | 1 3 | 19 43 | 0 12 | 8 21 | 1 36 | 21 21 | 7 50 | 9 25 | 8 55 | 2 13 | 12 54 | 6 38 |
| F 27 | 18 23 | 6 26 | 0n56 | 22 31 | 0 14 | 14 36 | 1 33 | 21 33 | 0 22 | 18 0 | 1 4 | 22 19 | 1 3 | 19 43 | 0 12 | 8 21 | 1 36 | 21 22 | 7 50 | 9 25 | 8 56 | 2 14 | 12 52 | 6 38 |
| S 28 | 18 8 | 1 54 | 2 11 | 22 28 | 0 22 | 14 11 | 1 33 | 21 39 | 0 22 | 18 2 | 1 4 | 22 20 | 1 3 | 19 43 | 0 12 | 8 21 | 1 36 | 21 22 | 7 50 | 9 25 | 8 58 | 2 16 | 12 51 | 6 38 |
| S 29 | 17 52 | 2s43 | 3 18 | 22 23 | 0 29 | 13 45 | 1 33 | 21 45 | 0 21 | 18 3 | 1 4 | 22 20 | 1 3 | 19 43 | 0 12 | 8 21 | 1 36 | 21 23 | 7 50 | 9 24 | 8 59 | 2 18 | 12 50 | 6 38 |
| M30 | 17 35 | 7 8 | 4 13 | 22 17 | 0 37 | 13 19 | 1 33 | 21 51 | 0 20 | 18 5 | 1 4 | 22 20 | 1 3 | 19 43 | 0 12 | 8 20 | 1 36 | 21 24 | 7 50 | 9 24 | 9 0 | 2 20 | 12 48 | 6 38 |
| T 31 | 17s19 | 11s 5 | 4n51 | 22s10 | 0s44 | 12s53 | 1s33 | 21s57 | 0n20 | 18s 7 | 1n 4 | 22n20 | 1s 2 | 19n43 | 0s12 | 8s20 | 1n36 | 21n24 | 7n50 | 9n24 | 9n 1 | 2n22 | 12s47 | 6n38 |

Julian Day Number = 2614078.5, Delta T = 10m55s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'44, Lahiri = 30°04'44


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## FEBRUARY 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 8 46 58 | 12♒26'12 | 26♏58 | 24♑16 | 1♓17 | 13♐27 | 25♏52 | 0°R54 | 29°R 6 | 25°R30 | 22°R24 | 5°R42 | 6♍41 | 13♈18 | 3♒57 | W 1 |
| T 2 | 8 50 54 | 13°27'12 | 10♐42 | 25°44 | 2°32 | 14° 6 | 25°59 | 0♋51 | 29♉ 6 | 25♎30 | 22♌22 | 5♍40 | 6°38 | 13°24 | 4° 2 | T 2 |
| F 3 | 8 54 51 | 14°28'11 | 24°13 | 27°13 | 3°47 | 14°44 | 26° 6 | 0°49 | 29° 6 | 25°29 | 22°21 | 5°38 | 6°35 | 13°31 | 4° 7 | F 3 |
| S 4 | 8 58 48 | 15°29'09 | 7♑32 | 28°43 | 5° 1 | 15°23 | 26°13 | 0°46 | 29° 6 | 25°29 | 22°20 | 5°35 | 6°31 | 13°38 | 4°13 | S 4 |
| S 5 | 9 2 44 | 16°30'07 | 20°37 | 0♒13 | 6°16 | 16° 2 | 26°19 | 0°43 | 29°D 6 | 25°29 | 22°18 | 5°31 | 6°28 | 13°44 | 4°18 | S 5 |
| M 6 | 9 6 41 | 17°31'04 | 3♒29 | 1°44 | 7°31 | 16°41 | 26°25 | 0°40 | 29° 6 | 25°28 | 22°17 | 5°29 | 6°25 | 13°51 | 4°24 | M 6 |
| T 7 | 9 10 37 | 18°32'00 | 16° 7 | 3°16 | 8°46 | 17°20 | 26°32 | 0°38 | 29° 6 | 25°28 | 22°15 | 5°27 | 6°22 | 13°58 | 4°29 | T 7 |
| W 8 | 9 14 34 | 19°32'54 | 28°32 | 4°48 | 10° 1 | 17°58 | 26°38 | 0°36 | 29° 6 | 25°28 | 22°14 | 5°26 | 6°19 | 14° 4 | 4°35 | W 8 |
| T 9 | 9 18 30 | 20°33'48 | 10♓45 | 6°21 | 11°16 | 18°37 | 26°43 | 0°33 | 29° 6 | 25°27 | 22°13 | 5°D26 | 6°15 | 14°11 | 4°40 | T 9 |
| F 10 | 9 22 27 | 21°34'41 | 22°48 | 7°55 | 12°31 | 19°16 | 26°49 | 0°31 | 29° 6 | 25°27 | 22°11 | 5°27 | 6°12 | 14°18 | 4°45 | F 10 |
| S 11 | 9 26 23 | 22°35'32 | 4♈43 | 9°30 | 13°45 | 19°55 | 26°55 | 0°29 | 29° 6 | 25°26 | 22°10 | 5°28 | 6° 9 | 14°24 | 4°51 | S 11 |
| S 12 | 9 30 20 | 23°36'22 | 16°33 | 11° 5 | 15° 0 | 20°33 | 27° 0 | 0°27 | 29° 7 | 25°26 | 22° 8 | 5°29 | 6° 6 | 14°31 | 4°56 | S 12 |
| M13 | 9 34 17 | 24°37'11 | 28°22 | 12°41 | 16°15 | 21°12 | 27° 5 | 0°25 | 29° 7 | 25°25 | 22° 7 | 5°30 | 6° 3 | 14°38 | 5° 1 | M13 |
| T 14 | 9 38 13 | 25°37'58 | 10♉14 | 14°18 | 17°30 | 21°51 | 27°10 | 0°23 | 29° 8 | 25°24 | 22° 5 | 5°31 | 6° 0 | 14°44 | 5° 6 | T 14 |
| W15 | 9 42 10 | 26°38'44 | 22°14 | 15°56 | 18°44 | 22°29 | 27°15 | 0°22 | 29° 8 | 25°24 | 22° 4 | 5°R31 | 5°56 | 14°51 | 5°12 | W15 |
| T 16 | 9 46 6 | 27°39'29 | 4♊26 | 17°34 | 19°59 | 23° 8 | 27°20 | 0°20 | 29° 9 | 25°23 | 22° 3 | 5°31 | 5°53 | 14°58 | 5°17 | T 16 |
| F 17 | 9 50 3 | 28°40'12 | 16°56 | 19°13 | 21°14 | 23°47 | 27°24 | 0°19 | 29° 9 | 25°22 | 22° 1 | 5°31 | 5°50 | 15° 4 | 5°22 | F 17 |
| S 18 | 9 53 59 | 29°40'53 | 29°46 | 20°53 | 22°28 | 24°25 | 27°29 | 0°17 | 29°10 | 25°22 | 22° 0 | 5°30 | 5°47 | 15°11 | 5°27 | S 18 |
| S 19 | 9 57 56 | 0♓41'33 | 13♋ 1 | 22°34 | 23°43 | 25° 4 | 27°33 | 0°16 | 29°11 | 25°21 | 21°58 | 5°30 | 5°44 | 15°18 | 5°32 | S 19 |
| M20 | 10 1 52 | 1°42'11 | 26°41 | 24°16 | 24°57 | 25°43 | 27°37 | 0°15 | 29°11 | 25°20 | 21°57 | 5°29 | 5°41 | 15°24 | 5°37 | M20 |
| T 21 | 10 5 49 | 2°42'48 | 10♌46 | 25°59 | 26°12 | 26°22 | 27°41 | 0°14 | 29°12 | 25°19 | 21°56 | 5°29 | 5°37 | 15°31 | 5°43 | T 21 |
| W22 | 10 9 46 | 3°43'23 | 25°13 | 27°42 | 27°26 | 27° 0 | 27°45 | 0°13 | 29°13 | 25°18 | 21°54 | 5°29 | 5°34 | 15°38 | 5°48 | W22 |
| T 23 | 10 13 42 | 4°43'57 | 9♍57 | 29°26 | 28°40 | 27°39 | 27°48 | 0°12 | 29°14 | 25°18 | 21°53 | 5°D29 | 5°31 | 15°44 | 5°53 | T 23 |
| F 24 | 10 17 39 | 5°44'29 | 24°51 | 1♓11 | 29°55 | 28°17 | 27°52 | 0°12 | 29°15 | 25°17 | 21°51 | 5°R29 | 5°28 | 15°51 | 5°58 | F 24 |
| S 25 | 10 21 35 | 6°45'00 | 9♎47 | 2°57 | 1♈ 9 | 28°56 | 27°55 | 0°11 | 29°16 | 25°16 | 21°50 | 5°29 | 5°25 | 15°58 | 6° 2 | S 25 |
| S 26 | 10 25 32 | 7°45'29 | 24°36 | 4°44 | 2°23 | 29°35 | 27°58 | 0°10 | 29°17 | 25°15 | 21°49 | 5°28 | 5°21 | 16° 5 | 6° 7 | S 26 |
| M27 | 10 29 28 | 8°45'57 | 9♏13 | 6°32 | 3°38 | 0♑13 | 28° 1 | 0°10 | 29°18 | 25°14 | 21°47 | 5°28 | 5°18 | 16°11 | 6°12 | M27 |
| T 28 | 10 33 25 | 9♓46'24 | 23♏33 | 8♓21 | 4♈52 | 0♑52 | 28♏ 3 | 0♋10 | 29♉19 | 25♎13 | 21♌46 | 5♍28 | 5♍15 | 16♈18 | 6♒17 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17s 2 | 14s23 | 5n11 | 22s 2 | 0s50 | 12s26 | 1s33 | 22s 2 | 0n19 | 18s 8 | 1n 4 | 22n20 | 1s 2 | 19n43 | 0s12 | 8s20 | 1n36 | 21n25 | 7n50 | 9n24 | 9n 2 | 2n24 | 12s46 | 6n38 |
| T 2 | 16 45 | 16 49 | 5 14 | 21 53 | 0 57 | 11 59 | 1 33 | 22 8 | 0 18 | 18 10 | 1 4 | 22 21 | 1 2 | 19 43 | 0 12 | 8 20 | 1 36 | 21 25 | 7 50 | 9 24 | 9 3 | 2 26 | 12 45 | 6 38 |
| F 3 | 16 27 | 18 17 | 4 59 | 21 42 | 1 3 | 11 32 | 1 33 | 22 13 | 0 18 | 18 11 | 1 4 | 22 21 | 1 2 | 19 43 | 0 12 | 8 20 | 1 37 | 21 26 | 7 51 | 9 25 | 9 5 | 2 28 | 12 43 | 6 38 |
| S 4 | 16 9 | 18 43 | 4 28 | 21 30 | 1 9 | 11 5 | 1 32 | 22 18 | 0 17 | 18 12 | 1 5 | 22 21 | 1 2 | 19 43 | 0 12 | 8 20 | 1 37 | 21 26 | 7 51 | 9 27 | 9 6 | 2 30 | 12 42 | 6 38 |
| S 5 | 15 51 | 18 8 | 3 43 | 21 17 | 1 15 | 10 37 | 1 32 | 22 23 | 0 16 | 18 14 | 1 5 | 22 21 | 1 1 | 19 43 | 0 12 | 8 20 | 1 37 | 21 27 | 7 51 | 9 28 | 9 7 | 2 32 | 12 41 | 6 38 |
| M 6 | 15 33 | 16 37 | 2 48 | 21 2 | 1 21 | 10 8 | 1 31 | 22 27 | 0 15 | 18 15 | 1 5 | 22 21 | 1 1 | 19 43 | 0 12 | 8 19 | 1 37 | 21 28 | 7 51 | 9 29 | 9 8 | 2 34 | 12 39 | 6 38 |
| T 7 | 15 14 | 14 18 | 1 45 | 20 46 | 1 26 | 9 40 | 1 31 | 22 32 | 0 15 | 18 16 | 1 5 | 22 22 | 1 1 | 19 43 | 0 12 | 8 19 | 1 37 | 21 28 | 7 51 | 9 29 | 9 9 | 2 36 | 12 38 | 6 39 |
| W 8 | 14 55 | 11 21 | 0 38 | 20 29 | 1 31 | 9 11 | 1 30 | 22 36 | 0 14 | 18 18 | 1 5 | 22 22 | 1 1 | 19 43 | 0 12 | 8 19 | 1 37 | 21 29 | 7 51 | 9 30 | 9 10 | 2 38 | 12 37 | 6 39 |
| T 9 | 14 36 | 7 58 | 0s29 | 20 11 | 1 36 | 8 42 | 1 30 | 22 40 | 0 13 | 18 19 | 1 5 | 22 22 | 1 1 | 19 43 | 0 12 | 8 19 | 1 37 | 21 29 | 7 51 | 9 30 | 9 12 | 2 39 | 12 35 | 6 39 |
| F 10 | 14 17 | 4 18 | 1 35 | 19 51 | 1 40 | 8 13 | 1 29 | 22 44 | 0 12 | 18 20 | 1 5 | 22 22 | 1 0 | 19 43 | 0 12 | 8 19 | 1 37 | 21 30 | 7 51 | 9 30 | 9 13 | 2 41 | 12 34 | 6 39 |
| S 11 | 13 57 | 0 30 | 2 35 | 19 30 | 1 44 | 7 44 | 1 28 | 22 48 | 0 12 | 18 21 | 1 6 | 22 22 | 1 0 | 19 43 | 0 12 | 8 18 | 1 37 | 21 30 | 7 51 | 9 29 | 9 14 | 2 43 | 12 33 | 6 39 |
| S 12 | 13 37 | 3n16 | 3 29 | 19 8 | 1 48 | 7 14 | 1 27 | 22 52 | 0 11 | 18 22 | 1 6 | 22 23 | 1 0 | 19 43 | 0 12 | 8 18 | 1 37 | 21 31 | 7 51 | 9 29 | 9 15 | 2 45 | 12 31 | 6 39 |
| M13 | 13 17 | 6 55 | 4 13 | 18 44 | 1 51 | 6 44 | 1 26 | 22 55 | 0 10 | 18 23 | 1 6 | 22 23 | 1 0 | 19 43 | 0 12 | 8 18 | 1 37 | 21 31 | 7 51 | 9 28 | 9 16 | 2 47 | 12 30 | 6 39 |
| T 14 | 12 57 | 10 18 | 4 47 | 18 20 | 1 55 | 6 14 | 1 25 | 22 58 | 0 9 | 18 24 | 1 6 | 22 23 | 1 0 | 19 43 | 0 12 | 8 18 | 1 37 | 21 32 | 7 52 | 9 28 | 9 17 | 2 49 | 12 28 | 6 40 |
| W15 | 12 36 | 13 18 | 5 9 | 17 53 | 1 57 | 5 44 | 1 24 | 23 2 | 0 8 | 18 25 | 1 6 | 22 23 | 1 0 | 19 44 | 0 12 | 8 17 | 1 37 | 21 32 | 7 52 | 9 28 | 9 19 | 2 51 | 12 27 | 6 40 |
| T 16 | 12 15 | 15 46 | 5 18 | 17 26 | 2 0 | 5 14 | 1 23 | 23 4 | 0 8 | 18 26 | 1 6 | 22 23 | 0 59 | 19 44 | 0 12 | 8 17 | 1 37 | 21 33 | 7 52 | 9 28 | 9 20 | 2 53 | 12 26 | 6 40 |
| F 17 | 11 54 | 17 34 | 5 11 | 16 57 | 2 2 | 4 44 | 1 22 | 23 7 | 0 7 | 18 27 | 1 6 | 22 24 | 0 59 | 19 44 | 0 12 | 8 17 | 1 37 | 21 34 | 7 52 | 9 28 | 9 21 | 2 55 | 12 24 | 6 40 |
| S 18 | 11 33 | 18 33 | 4 50 | 16 27 | 2 4 | 4 13 | 1 21 | 23 10 | 0 6 | 18 28 | 1 7 | 22 24 | 0 59 | 19 44 | 0 12 | 8 16 | 1 37 | 21 34 | 7 52 | 9 28 | 9 22 | 2 57 | 12 23 | 6 40 |
| S 19 | 11 12 | 18 34 | 4 12 | 15 56 | 2 5 | 3 42 | 1 19 | 23 12 | 0 5 | 18 29 | 1 7 | 22 24 | 0 59 | 19 44 | 0 12 | 8 16 | 1 37 | 21 35 | 7 52 | 9 28 | 9 23 | 2 59 | 12 21 | 6 40 |
| M20 | 10 51 | 17 30 | 3 19 | 15 23 | 2 6 | 3 12 | 1 18 | 23 14 | 0 4 | 18 30 | 1 7 | 22 24 | 0 59 | 19 44 | 0 11 | 8 16 | 1 37 | 21 35 | 7 52 | 9 29 | 9 24 | 3 1 | 12 20 | 6 41 |
| T 21 | 10 29 | 15 21 | 2 13 | 14 49 | 2 7 | 2 41 | 1 17 | 23 16 | 0 3 | 18 30 | 1 7 | 22 24 | 0 58 | 19 45 | 0 11 | 8 15 | 1 38 | 21 36 | 7 52 | 9 29 | 9 26 | 3 3 | 12 19 | 6 41 |
| W22 | 10 7 | 12 11 | 0 57 | 14 14 | 2 7 | 2 10 | 1 15 | 23 18 | 0 3 | 18 31 | 1 7 | 22 25 | 0 58 | 19 45 | 0 11 | 8 15 | 1 38 | 21 36 | 7 52 | 9 29 | 9 27 | 3 4 | 12 17 | 6 41 |
| T 23 | 9 45 | 8 12 | 0n25 | 13 37 | 2 7 | 1 39 | 1 13 | 23 20 | 0 2 | 18 32 | 1 7 | 22 25 | 0 58 | 19 45 | 0 11 | 8 15 | 1 38 | 21 37 | 7 52 | 9 29 | 9 28 | 3 6 | 12 16 | 6 41 |
| F 24 | 9 23 | 3 40 | 1 46 | 12 59 | 2 6 | 1 8 | 1 12 | 23 21 | 0 1 | 18 32 | 1 7 | 22 25 | 0 58 | 19 45 | 0 11 | 8 14 | 1 38 | 21 37 | 7 52 | 9 29 | 9 29 | 3 8 | 12 14 | 6 42 |
| S 25 | 9 1 | 1s 7 | 2 59 | 12 20 | 2 5 | 0 37 | 1 10 | 23 23 | 0s 0 | 18 33 | 1 8 | 22 25 | 0 58 | 19 45 | 0 11 | 8 14 | 1 38 | 21 37 | 7 52 | 9 29 | 9 30 | 3 10 | 12 13 | 6 42 |
| S 26 | 8 38 | 5 47 | 4 1 | 11 40 | 2 3 | 0 6 | 1 8 | 23 24 | 0 1 | 18 33 | 1 8 | 22 25 | 0 57 | 19 46 | 0 11 | 8 14 | 1 38 | 21 38 | 7 52 | 9 29 | 9 31 | 3 12 | 12 12 | 6 42 |
| M27 | 8 16 | 10 1 | 4 45 | 10 58 | 2 1 | 0n25 | 1 6 | 23 25 | 0 2 | 18 34 | 1 8 | 22 26 | 0 57 | 19 46 | 0 11 | 8 13 | 1 38 | 21 38 | 7 52 | 9 29 | 9 33 | 3 14 | 12 10 | 6 42 |
| T 28 | 7s53 | 13s35 | 5n11 | 10s15 | 1s59 | 0n56 | 1s 4 | 23s26 | 0s 3 | 18s34 | 1n 8 | 22n26 | 0s57 | 19n46 | 0s11 | 8s13 | 1n38 | 21n39 | 7n52 | 9n29 | 9n34 | 3n16 | 12s 9 | 6n43 |

Julian Day Number = 2614109.5, Delta T = 10m55s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'48, Lahiri = 30°04'48


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## MARCH 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 10 37 21 | 10♓46'50 | 7♐33 | 10♓11 | 6♈ 6 | 1♑31 | 28♏ 6 | 0°R10 | 29♉20 | 25°R12 | 21°R45 | 5°D28 | 5♍12 | 16♈25 | 6♒22 | W 1 |
| T 2 | 10 41 18 | 11°47'14 | 21°12 | 12° 1 | 7°20 | 2° 9 | 28° 8 | 0°D10 | 29°21 | 25♎11 | 21♌43 | 5♍28 | 5° 9 | 16°31 | 6°27 | T 2 |
| F 3 | 10 45 15 | 12°47'37 | 4♑31 | 13°53 | 8°34 | 2°48 | 28°10 | 0♋10 | 29°23 | 25° 9 | 21°42 | 5°28 | 5° 6 | 16°38 | 6°31 | F 3 |
| S 4 | 10 49 11 | 13°47'59 | 17°32 | 15°45 | 9°48 | 3°26 | 28°12 | 0°10 | 29°24 | 25° 8 | 21°41 | 5°29 | 5° 2 | 16°45 | 6°36 | S 4 |
| S 5 | 10 53 8 | 14°48'20 | 0♒17 | 17°38 | 11° 2 | 4° 5 | 28°14 | 0°10 | 29°26 | 25° 7 | 21°39 | 5°30 | 4°59 | 16°51 | 6°41 | S 5 |
| M 6 | 10 57 4 | 15°48'38 | 12°48 | 19°32 | 12°16 | 4°43 | 28°15 | 0°11 | 29°27 | 25° 6 | 21°38 | 5°31 | 4°56 | 16°58 | 6°45 | M 6 |
| T 7 | 11 1 1 | 16°48'56 | 25° 8 | 21°26 | 13°30 | 5°22 | 28°17 | 0°11 | 29°28 | 25° 5 | 21°37 | 5°31 | 4°53 | 17° 5 | 6°50 | T 7 |
| W 8 | 11 4 57 | 17°49'11 | 7♓18 | 23°21 | 14°44 | 6° 1 | 28°18 | 0°12 | 29°30 | 25° 4 | 21°35 | 5°R32 | 4°50 | 17°11 | 6°54 | W 8 |
| T 9 | 11 8 54 | 18°49'25 | 19°20 | 25°16 | 15°58 | 6°39 | 28°19 | 0°13 | 29°32 | 25° 2 | 21°34 | 5°31 | 4°46 | 17°18 | 6°59 | T 9 |
| F 10 | 11 12 50 | 19°49'37 | 1♈15 | 27°11 | 17°12 | 7°17 | 28°20 | 0°14 | 29°33 | 25° 1 | 21°33 | 5°30 | 4°43 | 17°25 | 7° 3 | F 10 |
| S 11 | 11 16 47 | 20°49'47 | 13° 7 | 29° 6 | 18°25 | 7°56 | 28°20 | 0°15 | 29°35 | 25° 0 | 21°32 | 5°28 | 4°40 | 17°31 | 7° 8 | S 11 |
| S 12 | 11 20 43 | 21°49'56 | 24°56 | 1♈ 2 | 19°39 | 8°34 | 28°21 | 0°16 | 29°37 | 24°59 | 21°31 | 5°25 | 4°37 | 17°38 | 7°12 | S 12 |
| M13 | 11 24 40 | 22°50'02 | 6♉46 | 2°56 | 20°53 | 9°13 | 28°21 | 0°17 | 29°38 | 24°57 | 21°29 | 5°23 | 4°34 | 17°45 | 7°16 | M13 |
| T 14 | 11 28 37 | 23°50'07 | 18°39 | 4°50 | 22° 6 | 9°51 | 28°R21 | 0°19 | 29°40 | 24°56 | 21°28 | 5°20 | 4°31 | 17°51 | 7°21 | T 14 |
| W15 | 11 32 33 | 24°50'09 | 0♊39 | 6°43 | 23°20 | 10°30 | 28°21 | 0°20 | 29°42 | 24°55 | 21°27 | 5°17 | 4°27 | 17°58 | 7°25 | W15 |
| T 16 | 11 36 30 | 25°50'09 | 12°50 | 8°34 | 24°34 | 11° 8 | 28°21 | 0°22 | 29°44 | 24°53 | 21°26 | 5°16 | 4°24 | 18° 5 | 7°29 | T 16 |
| F 17 | 11 40 26 | 26°50'08 | 25°15 | 10°24 | 25°47 | 11°46 | 28°20 | 0°23 | 29°46 | 24°52 | 21°25 | 5°D15 | 4°21 | 18°11 | 7°33 | F 17 |
| S 18 | 11 44 23 | 27°50'04 | 7♋59 | 12°11 | 27° 0 | 12°25 | 28°19 | 0°25 | 29°48 | 24°50 | 21°24 | 5°16 | 4°18 | 18°18 | 7°37 | S 18 |
| S 19 | 11 48 19 | 28°49'58 | 21° 6 | 13°56 | 28°14 | 13° 3 | 28°18 | 0°27 | 29°50 | 24°49 | 21°23 | 5°17 | 4°15 | 18°25 | 7°41 | S 19 |
| M20 | 11 52 16 | 29°49'49 | 4♌39 | 15°37 | 29°27 | 13°41 | 28°17 | 0°29 | 29°52 | 24°48 | 21°21 | 5°18 | 4°12 | 18°31 | 7°45 | M20 |
| T 21 | 11 56 12 | 0♈49'39 | 18°39 | 17°14 | 0♉40 | 14°19 | 28°16 | 0°31 | 29°54 | 24°46 | 21°20 | 5°20 | 4° 8 | 18°38 | 7°49 | T 21 |
| W22 | 12 0 9 | 1°49'26 | 3♍ 6 | 18°48 | 1°53 | 14°58 | 28°15 | 0°33 | 29°56 | 24°45 | 21°19 | 5°R20 | 4° 5 | 18°45 | 7°53 | W22 |
| T 23 | 12 4 6 | 2°49'11 | 17°56 | 20°16 | 3° 6 | 15°36 | 28°13 | 0°36 | 29°59 | 24°43 | 21°18 | 5°20 | 4° 2 | 18°52 | 7°56 | T 23 |
| F 24 | 12 8 2 | 3°48'54 | 3♎ 3 | 21°39 | 4°19 | 16°14 | 28°11 | 0°38 | 0♊ 1 | 24°42 | 21°17 | 5°18 | 3°59 | 18°58 | 8° 0 | F 24 |
| S 25 | 12 11 59 | 4°48'36 | 18°17 | 22°57 | 5°32 | 16°52 | 28° 9 | 0°41 | 0° 3 | 24°40 | 21°16 | 5°15 | 3°56 | 19° 5 | 8° 4 | S 25 |
| S 26 | 12 15 55 | 5°48'15 | 3♏28 | 24° 8 | 6°45 | 17°30 | 28° 7 | 0°43 | 0° 5 | 24°39 | 21°15 | 5°11 | 3°52 | 19°12 | 8° 7 | S 26 |
| M27 | 12 19 52 | 6°47'52 | 18°27 | 25°13 | 7°58 | 18° 8 | 28° 5 | 0°46 | 0° 8 | 24°37 | 21°14 | 5° 6 | 3°49 | 19°18 | 8°11 | M27 |
| T 28 | 12 23 48 | 7°47'28 | 3♐ 6 | 26°11 | 9°11 | 18°46 | 28° 2 | 0°49 | 0°10 | 24°35 | 21°14 | 5° 2 | 3°46 | 19°25 | 8°15 | T 28 |
| W29 | 12 27 45 | 8°47'02 | 17°19 | 27° 2 | 10°24 | 19°25 | 27°59 | 0°52 | 0°13 | 24°34 | 21°13 | 4°59 | 3°43 | 19°32 | 8°18 | W29 |
| T 30 | 12 31 41 | 9°46'35 | 1♑ 5 | 27°46 | 11°36 | 20° 3 | 27°56 | 0°55 | 0°15 | 24°32 | 21°12 | 4°57 | 3°40 | 19°38 | 8°21 | T 30 |
| F 31 | 12 35 38 | 10♈46'06 | 14♑24 | 28♈22 | 12♉49 | 20♑41 | 27♏53 | 0♋58 | 0♊18 | 24♎31 | 21♌11 | 4°D57 | 3♍37 | 19♈45 | 8♒25 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s30 | 16s17 | 5n18 | 9s31 | 1s55 | 1n28 | 1s 2 | 23s26 | 0s 4 | 18s35 | 1n 8 | 22n26 | 0s57 | 19n46 | 0s11 | 8s12 | 1n38 | 21n39 | 7n52 | 9n29 | 9n35 | 3n18 | 12s 7 | 6n43 |
| T 2 | 7 7 | 18 0 | 5 6 | 8 45 | 1 52 | 1 59 | 1 0 | 23 27 | 0 5 | 18 35 | 1 8 | 22 26 | 0 57 | 19 47 | 0 11 | 8 12 | 1 38 | 21 40 | 7 52 | 9 29 | 9 36 | 3 20 | 12 6 | 6 43 |
| F 3 | 6 44 | 18 40 | 4 38 | 7 59 | 1 48 | 2 30 | 0 58 | 23 27 | 0 6 | 18 35 | 1 9 | 22 26 | 0 56 | 19 47 | 0 11 | 8 11 | 1 38 | 21 40 | 7 52 | 9 29 | 9 37 | 3 22 | 12 5 | 6 43 |
| S 4 | 6 21 | 18 20 | 3 56 | 7 11 | 1 43 | 3 1 | 0 56 | 23 27 | 0 7 | 18 36 | 1 9 | 22 27 | 0 56 | 19 47 | 0 11 | 8 11 | 1 38 | 21 41 | 7 52 | 9 29 | 9 38 | 3 24 | 12 3 | 6 44 |
| S 5 | 5 58 | 17 3 | 3 3 | 6 23 | 1 38 | 3 32 | 0 54 | 23 27 | 0 8 | 18 36 | 1 9 | 22 27 | 0 56 | 19 48 | 0 11 | 8 11 | 1 38 | 21 41 | 7 52 | 9 28 | 9 40 | 3 26 | 12 2 | 6 44 |
| M 6 | 5 35 | 14 58 | 2 3 | 5 33 | 1 32 | 4 3 | 0 52 | 23 27 | 0 9 | 18 36 | 1 9 | 22 27 | 0 56 | 19 48 | 0 11 | 8 10 | 1 38 | 21 41 | 7 52 | 9 28 | 9 41 | 3 28 | 12 0 | 6 44 |
| T 7 | 5 12 | 12 13 | 0 57 | 4 42 | 1 26 | 4 33 | 0 49 | 23 26 | 0 10 | 18 36 | 1 9 | 22 27 | 0 56 | 19 48 | 0 11 | 8 10 | 1 38 | 21 42 | 7 52 | 9 28 | 9 42 | 3 29 | 11 59 | 6 45 |
| W 8 | 4 48 | 8 58 | 0s10 | 3 50 | 1 19 | 5 4 | 0 47 | 23 25 | 0 11 | 18 36 | 1 9 | 22 27 | 0 55 | 19 49 | 0 11 | 8 9 | 1 38 | 21 42 | 7 52 | 9 28 | 9 43 | 3 31 | 11 58 | 6 45 |
| T 9 | 4 25 | 5 23 | 1 16 | 2 58 | 1 11 | 5 35 | 0 45 | 23 25 | 0 12 | 18 36 | 1 9 | 22 28 | 0 55 | 19 49 | 0 11 | 8 9 | 1 38 | 21 43 | 7 52 | 9 28 | 9 44 | 3 33 | 11 56 | 6 45 |
| F 10 | 4 1 | 1 37 | 2 18 | 2 5 | 1 3 | 6 5 | 0 42 | 23 24 | 0 13 | 18 36 | 1 10 | 22 28 | 0 55 | 19 49 | 0 11 | 8 8 | 1 38 | 21 43 | 7 52 | 9 28 | 9 45 | 3 35 | 11 55 | 6 46 |
| S 11 | 3 38 | 2n12 | 3 13 | 1 11 | 0 54 | 6 35 | 0 40 | 23 23 | 0 14 | 18 36 | 1 10 | 22 28 | 0 55 | 19 50 | 0 11 | 8 8 | 1 38 | 21 43 | 7 52 | 9 29 | 9 46 | 3 37 | 11 53 | 6 46 |
| S 12 | 3 14 | 5 54 | 4 0 | 0 17 | 0 45 | 7 6 | 0 37 | 23 21 | 0 15 | 18 36 | 1 10 | 22 28 | 0 55 | 19 50 | 0 11 | 8 7 | 1 38 | 21 44 | 7 52 | 9 30 | 9 48 | 3 39 | 11 52 | 6 46 |
| M13 | 2 50 | 9 22 | 4 37 | 0n38 | 0 35 | 7 36 | 0 35 | 23 20 | 0 16 | 18 36 | 1 10 | 22 28 | 0 54 | 19 51 | 0 11 | 8 7 | 1 38 | 21 44 | 7 52 | 9 31 | 9 49 | 3 41 | 11 51 | 6 47 |
| T 14 | 2 27 | 12 29 | 5 2 | 1 33 | 0 25 | 8 6 | 0 32 | 23 18 | 0 17 | 18 36 | 1 10 | 22 29 | 0 54 | 19 51 | 0 11 | 8 6 | 1 38 | 21 45 | 7 52 | 9 32 | 9 50 | 3 43 | 11 49 | 6 47 |
| W15 | 2 3 | 15 6 | 5 14 | 2 27 | 0 14 | 8 35 | 0 29 | 23 16 | 0 18 | 18 36 | 1 10 | 22 29 | 0 54 | 19 51 | 0 11 | 8 6 | 1 38 | 21 45 | 7 52 | 9 33 | 9 51 | 3 45 | 11 48 | 6 47 |
| T 16 | 1 39 | 17 6 | 5 13 | 3 22 | 0 2 | 9 5 | 0 27 | 23 14 | 0 20 | 18 36 | 1 10 | 22 29 | 0 54 | 19 52 | 0 11 | 8 5 | 1 38 | 21 45 | 7 52 | 9 33 | 9 52 | 3 47 | 11 47 | 6 48 |
| F 17 | 1 15 | 18 21 | 4 57 | 4 15 | 0n10 | 9 34 | 0 24 | 23 12 | 0 21 | 18 35 | 1 11 | 22 29 | 0 54 | 19 52 | 0 11 | 8 5 | 1 39 | 21 45 | 7 52 | 9 34 | 9 53 | 3 49 | 11 45 | 6 48 |
| S 18 | 0 52 | 18 43 | 4 26 | 5 8 | 0 22 | 10 3 | 0 21 | 23 10 | 0 22 | 18 35 | 1 11 | 22 29 | 0 53 | 19 53 | 0 11 | 8 4 | 1 39 | 21 46 | 7 52 | 9 34 | 9 55 | 3 51 | 11 44 | 6 48 |
| S 19 | 0 28 | 18 6 | 3 40 | 6 1 | 0 34 | 10 32 | 0 18 | 23 7 | 0 23 | 18 35 | 1 11 | 22 29 | 0 53 | 19 53 | 0 11 | 8 3 | 1 39 | 21 46 | 7 51 | 9 33 | 9 56 | 3 53 | 11 42 | 6 49 |
| M20 | 0 4 | 16 27 | 2 41 | 6 51 | 0 47 | 11 1 | 0 15 | 23 5 | 0 24 | 18 34 | 1 11 | 22 30 | 0 53 | 19 54 | 0 11 | 8 3 | 1 39 | 21 46 | 7 51 | 9 33 | 9 57 | 3 55 | 11 41 | 6 49 |
| T 21 | 0n20 | 13 46 | 1 31 | 7 41 | 1 0 | 11 29 | 0 12 | 23 2 | 0 25 | 18 34 | 1 11 | 22 30 | 0 53 | 19 54 | 0 11 | 8 2 | 1 39 | 21 47 | 7 51 | 9 32 | 9 58 | 3 56 | 11 40 | 6 50 |
| W22 | 0 43 | 10 9 | 0 12 | 8 28 | 1 13 | 11 57 | 0 9 | 22 59 | 0 27 | 18 34 | 1 11 | 22 30 | 0 53 | 19 55 | 0 11 | 8 2 | 1 39 | 21 47 | 7 51 | 9 32 | 9 59 | 3 58 | 11 38 | 6 50 |
| T 23 | 1 7 | 5 49 | 1n 9 | 9 14 | 1 26 | 12 25 | 0 7 | 22 56 | 0 28 | 18 33 | 1 11 | 22 30 | 0 52 | 19 55 | 0 11 | 8 1 | 1 39 | 21 47 | 7 51 | 9 32 | 10 0 | 4 0 | 11 37 | 6 50 |
| F 24 | 1 31 | 1 2 | 2 26 | 9 57 | 1 39 | 12 52 | 0 4 | 22 52 | 0 29 | 18 33 | 1 12 | 22 30 | 0 52 | 19 55 | 0 11 | 8 1 | 1 39 | 21 48 | 7 51 | 9 33 | 10 1 | 4 2 | 11 36 | 6 51 |
| S 25 | 1 54 | 3s51 | 3 34 | 10 37 | 1 51 | 13 20 | 0 1 | 22 49 | 0 30 | 18 32 | 1 12 | 22 31 | 0 52 | 19 56 | 0 11 | 8 0 | 1 39 | 21 48 | 7 51 | 9 34 | 10 3 | 4 4 | 11 34 | 6 51 |
| S 26 | 2 18 | 8 28 | 4 26 | 11 15 | 2 3 | 13 47 | 0n 3 | 22 45 | 0 31 | 18 31 | 1 12 | 22 31 | 0 52 | 19 56 | 0 11 | 7 59 | 1 39 | 21 48 | 7 51 | 9 35 | 10 4 | 4 6 | 11 33 | 6 52 |
| M27 | 2 42 | 12 28 | 5 0 | 11 49 | 2 15 | 14 13 | 0 6 | 22 42 | 0 33 | 18 31 | 1 12 | 22 31 | 0 52 | 19 57 | 0 11 | 7 59 | 1 39 | 21 48 | 7 51 | 9 37 | 10 5 | 4 8 | 11 32 | 6 52 |
| T 28 | 3 5 | 15 37 | 5 12 | 12 21 | 2 26 | 14 39 | 0 9 | 22 38 | 0 34 | 18 30 | 1 12 | 22 31 | 0 52 | 19 58 | 0 11 | 7 58 | 1 39 | 21 48 | 7 51 | 9 39 | 10 6 | 4 10 | 11 31 | 6 53 |
| W29 | 3 28 | 17 42 | 5 5 | 12 49 | 2 36 | 15 5 | 0 12 | 22 34 | 0 35 | 18 29 | 1 12 | 22 31 | 0 51 | 19 58 | 0 11 | 7 58 | 1 39 | 21 49 | 7 51 | 9 40 | 10 7 | 4 12 | 11 29 | 6 53 |
| T 30 | 3 52 | 18 42 | 4 41 | 13 13 | 2 45 | 15 31 | 0 15 | 22 29 | 0 37 | 18 29 | 1 12 | 22 31 | 0 51 | 19 59 | 0 11 | 7 57 | 1 39 | 21 49 | 7 51 | 9 40 | 10 8 | 4 14 | 11 28 | 6 53 |
| F 31 | 4n15 | 18s36 | 4n 2 | 13n34 | 2n54 | 15n56 | 0n18 | 22s25 | 0s38 | 18s28 | 1n12 | 22n32 | 0s51 | 19n59 | 0s11 | 7s57 | 1n39 | 21n49 | 7n50 | 9n40 | 10n10 | 4n16 | 11s27 | 6n54 |

Julian Day Number = 2614137.5, Delta T = 10m55s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'52, Lahiri = 30°04'52


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## APRIL 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 39 35 | 11♈45'35 | 27♉19 | 28♈50 | 14♉ 2 | 21♉19 | 27°R50 | 1♋ 1 | 0♊20 | 24°R29 | 21°R10 | 4♍58 | 3♍33 | 19♈52 | 8♒28 | S 1 |
| S 2 | 12 43 31 | 12°45'02 | 9♒55 | 29°11 | 15°14 | 21°56 | 27♏47 | 1° 5 | 0°23 | 24♎28 | 21♌ 9 | 4°59 | 3°30 | 19°58 | 8°31 | S 2 |
| M 3 | 12 47 28 | 13°44'27 | 22°14 | 29°23 | 16°27 | 22°34 | 27°43 | 1° 8 | 0°25 | 24°26 | 21° 9 | 5° 1 | 3°27 | 20° 5 | 8°34 | M 3 |
| T 4 | 12 51 24 | 14°43'51 | 4♓21 | 29°R29 | 17°39 | 23°12 | 27°39 | 1°12 | 0°28 | 24°24 | 21° 8 | 5°R 1 | 3°24 | 20°12 | 8°37 | T 4 |
| W 5 | 12 55 21 | 15°43'13 | 16°20 | 29°26 | 18°51 | 23°50 | 27°35 | 1°15 | 0°31 | 24°23 | 21° 7 | 5° 1 | 3°21 | 20°18 | 8°40 | W 5 |
| T 6 | 12 59 17 | 16°42'33 | 28°13 | 29°17 | 20° 3 | 24°28 | 27°31 | 1°19 | 0°33 | 24°21 | 21° 6 | 4°58 | 3°17 | 20°25 | 8°43 | T 6 |
| F 7 | 13 3 14 | 17°41'51 | 10♈ 3 | 29° 1 | 21°16 | 25° 6 | 27°27 | 1°23 | 0°36 | 24°19 | 21° 6 | 4°53 | 3°14 | 20°32 | 8°46 | F 7 |
| S 8 | 13 7 10 | 18°41'06 | 21°52 | 28°38 | 22°28 | 25°43 | 27°22 | 1°27 | 0°39 | 24°18 | 21° 5 | 4°47 | 3°11 | 20°38 | 8°49 | S 8 |
| S 9 | 13 11 7 | 19°40'20 | 3♉43 | 28°10 | 23°40 | 26°21 | 27°18 | 1°31 | 0°42 | 24°16 | 21° 4 | 4°38 | 3° 8 | 20°45 | 8°52 | S 9 |
| M10 | 13 15 3 | 20°39'32 | 15°36 | 27°36 | 24°52 | 26°59 | 27°13 | 1°35 | 0°44 | 24°14 | 21° 4 | 4°29 | 3° 5 | 20°52 | 8°54 | M10 |
| T 11 | 13 19 0 | 21°38'42 | 27°34 | 26°58 | 26° 3 | 27°36 | 27° 8 | 1°39 | 0°47 | 24°13 | 21° 3 | 4°20 | 3° 2 | 20°59 | 8°57 | T 11 |
| W12 | 13 22 57 | 22°37'50 | 9♊38 | 26°17 | 27°15 | 28°14 | 27° 3 | 1°43 | 0°50 | 24°11 | 21° 3 | 4°12 | 2°58 | 21° 5 | 8°59 | W12 |
| T 13 | 13 26 53 | 23°36'55 | 21°52 | 25°32 | 28°27 | 28°51 | 26°58 | 1°48 | 0°53 | 24°10 | 21° 2 | 4° 6 | 2°55 | 21°12 | 9° 2 | T 13 |
| F 14 | 13 30 50 | 24°35'58 | 4♋17 | 24°46 | 29°38 | 29°29 | 26°53 | 1°52 | 0°56 | 24° 8 | 21° 1 | 4° 2 | 2°52 | 21°19 | 9° 4 | F 14 |
| S 15 | 13 34 46 | 25°34'59 | 16°59 | 23°59 | 0♊50 | 0♒ 6 | 26°47 | 1°57 | 0°59 | 24° 6 | 21° 1 | 4° 0 | 2°49 | 21°25 | 9° 6 | S 15 |
| S 16 | 13 38 43 | 26°33'58 | 29°59 | 23°12 | 2° 1 | 0°43 | 26°41 | 2° 1 | 1° 2 | 24° 5 | 21° 1 | 3°D59 | 2°46 | 21°32 | 9° 9 | S 16 |
| M17 | 13 42 39 | 27°32'54 | 13♌23 | 22°26 | 3°13 | 1°20 | 26°36 | 2° 6 | 1° 5 | 24° 3 | 21° 0 | 4° 0 | 2°43 | 21°39 | 9°11 | M17 |
| T 18 | 13 46 36 | 28°31'49 | 27°12 | 21°42 | 4°24 | 1°58 | 26°30 | 2°11 | 1° 8 | 24° 1 | 21° 0 | 4°R 1 | 2°39 | 21°45 | 9°13 | T 18 |
| W19 | 13 50 32 | 29°30'40 | 11♍27 | 21° 0 | 5°35 | 2°35 | 26°24 | 2°16 | 1°11 | 24° 0 | 20°59 | 4° 1 | 2°36 | 21°52 | 9°15 | W19 |
| T 20 | 13 54 29 | 0♉29'30 | 26° 8 | 20°22 | 6°46 | 3°12 | 26°18 | 2°21 | 1°14 | 23°58 | 20°59 | 3°59 | 2°33 | 21°59 | 9°17 | T 20 |
| F 21 | 13 58 26 | 1°28'17 | 11♎10 | 19°47 | 7°57 | 3°49 | 26°11 | 2°26 | 1°17 | 23°56 | 20°59 | 3°55 | 2°30 | 22° 5 | 9°19 | F 21 |
| S 22 | 14 2 22 | 2°27'02 | 26°25 | 19°16 | 9° 8 | 4°26 | 26° 5 | 2°31 | 1°20 | 23°55 | 20°58 | 3°48 | 2°27 | 22°12 | 9°21 | S 22 |
| S 23 | 14 6 19 | 3°25'46 | 11♏43 | 18°50 | 10°19 | 5° 3 | 25°59 | 2°36 | 1°24 | 23°53 | 20°58 | 3°40 | 2°23 | 22°19 | 9°22 | S 23 |
| M24 | 14 10 15 | 4°24'27 | 26°52 | 18°28 | 11°30 | 5°40 | 25°52 | 2°41 | 1°27 | 23°52 | 20°58 | 3°31 | 2°20 | 22°25 | 9°24 | M24 |
| T 25 | 14 14 12 | 5°23'07 | 11♐43 | 18°12 | 12°40 | 6°17 | 25°45 | 2°46 | 1°30 | 23°50 | 20°58 | 3°22 | 2°17 | 22°32 | 9°26 | T 25 |
| W26 | 14 18 8 | 6°21'45 | 26° 9 | 18° 0 | 13°51 | 6°53 | 25°39 | 2°52 | 1°33 | 23°48 | 20°57 | 3°14 | 2°14 | 22°39 | 9°27 | W26 |
| T 27 | 14 22 5 | 7°20'21 | 10♑ 4 | 17°54 | 15° 1 | 7°30 | 25°32 | 2°57 | 1°36 | 23°47 | 20°57 | 3° 9 | 2°11 | 22°46 | 9°29 | T 27 |
| F 28 | 14 26 1 | 8°18'56 | 23°30 | 17°D53 | 16°12 | 8° 7 | 25°25 | 3° 3 | 1°40 | 23°45 | 20°57 | 3° 6 | 2° 8 | 22°52 | 9°30 | F 28 |
| S 29 | 14 29 58 | 9°17'29 | 6♒29 | 17°57 | 17°22 | 8°43 | 25°18 | 3° 8 | 1°43 | 23°44 | 20°57 | 3°D 5 | 2° 4 | 22°59 | 9°31 | S 29 |
| S 30 | 14 33 55 | 10♉16'00 | 19♒ 4 | 18♈ 6 | 18♊32 | 9♒20 | 25♏11 | 3♋14 | 1♊46 | 23♎42 | 20♌57 | 3♍ 5 | 2♍ 1 | 23♈ 6 | 9♒32 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n38 | 17s31 | 3n11 | 13n51 | 3n 1 | 16n21 | 0n21 | 22s21 | 0s39 | 18s27 | 1n13 | 22n32 | 0s51 | 20n 0 | 0s11 | 7s56 | 1n39 | 21n49 | 7n50 | 9n40 | 10n11 | 4n18 | 11s26 | 6n54 |
| S 2 | 5 1 | 15 35 | 2 13 | 14 4 | 3 7 | 16 45 | 0 24 | 22 16 | 0 41 | 18 26 | 1 13 | 22 32 | 0 51 | 20 0 | 0 11 | 7 55 | 1 39 | 21 49 | 7 50 | 9 40 | 10 12 | 4 20 | 11 24 | 6 55 |
| M 3 | 5 25 | 12 58 | 1 9 | 14 14 | 3 12 | 17 9 | 0 27 | 22 11 | 0 42 | 18 25 | 1 13 | 22 32 | 0 50 | 20 1 | 0 11 | 7 55 | 1 39 | 21 50 | 7 50 | 9 39 | 10 13 | 4 22 | 11 23 | 6 55 |
| T 4 | 5 47 | 9 50 | 0 4 | 14 19 | 3 16 | 17 33 | 0 31 | 22 6 | 0 43 | 18 24 | 1 13 | 22 32 | 0 50 | 20 1 | 0 11 | 7 54 | 1 39 | 21 50 | 7 50 | 9 39 | 10 14 | 4 24 | 11 22 | 6 56 |
| W 5 | 6 10 | 6 19 | 1s 1 | 14 20 | 3 18 | 17 56 | 0 34 | 22 1 | 0 45 | 18 23 | 1 13 | 22 32 | 0 50 | 20 2 | 0 11 | 7 53 | 1 39 | 21 50 | 7 50 | 9 39 | 10 15 | 4 25 | 11 21 | 6 56 |
| T 6 | 6 33 | 2 35 | 2 3 | 14 17 | 3 19 | 18 18 | 0 37 | 21 56 | 0 46 | 18 22 | 1 13 | 22 32 | 0 50 | 20 2 | 0 11 | 7 53 | 1 39 | 21 50 | 7 50 | 9 40 | 10 16 | 4 27 | 11 19 | 6 57 |
| F 7 | 6 56 | 1n14 | 2 58 | 14 10 | 3 18 | 18 41 | 0 40 | 21 50 | 0 48 | 18 21 | 1 13 | 22 33 | 0 50 | 20 3 | 0 11 | 7 52 | 1 39 | 21 50 | 7 50 | 9 42 | 10 18 | 4 29 | 11 18 | 6 57 |
| S 8 | 7 18 | 5 0 | 3 46 | 14 0 | 3 15 | 19 2 | 0 43 | 21 45 | 0 49 | 18 20 | 1 13 | 22 33 | 0 50 | 20 4 | 0 11 | 7 52 | 1 39 | 21 50 | 7 50 | 9 44 | 10 19 | 4 31 | 11 17 | 6 58 |
| S 9 | 7 41 | 8 34 | 4 24 | 13 45 | 3 10 | 19 24 | 0 46 | 21 39 | 0 50 | 18 19 | 1 13 | 22 33 | 0 49 | 20 4 | 0 11 | 7 51 | 1 39 | 21 50 | 7 50 | 9 47 | 10 20 | 4 33 | 11 16 | 6 58 |
| M10 | 8 3 | 11 49 | 4 51 | 13 28 | 3 4 | 19 44 | 0 50 | 21 34 | 0 52 | 18 18 | 1 13 | 22 33 | 0 49 | 20 5 | 0 11 | 7 50 | 1 39 | 21 50 | 7 49 | 9 50 | 10 21 | 4 35 | 11 15 | 6 59 |
| T 11 | 8 25 | 14 36 | 5 5 | 13 7 | 2 57 | 20 5 | 0 53 | 21 28 | 0 53 | 18 17 | 1 14 | 22 33 | 0 49 | 20 5 | 0 11 | 7 50 | 1 39 | 21 51 | 7 49 | 9 54 | 10 22 | 4 37 | 11 14 | 6 59 |
| W12 | 8 47 | 16 48 | 5 6 | 12 43 | 2 47 | 20 24 | 0 56 | 21 22 | 0 55 | 18 15 | 1 14 | 22 33 | 0 49 | 20 6 | 0 11 | 7 49 | 1 39 | 21 51 | 7 49 | 9 57 | 10 23 | 4 39 | 11 12 | 7 0 |
| T 13 | 9 9 | 18 15 | 4 53 | 12 17 | 2 37 | 20 43 | 0 59 | 21 16 | 0 56 | 18 14 | 1 14 | 22 33 | 0 49 | 20 7 | 0 11 | 7 49 | 1 39 | 21 51 | 7 49 | 9 59 | 10 24 | 4 41 | 11 11 | 7 0 |
| F 14 | 9 30 | 18 53 | 4 26 | 11 49 | 2 25 | 21 2 | 1 2 | 21 9 | 0 58 | 18 13 | 1 14 | 22 33 | 0 49 | 20 7 | 0 11 | 7 48 | 1 39 | 21 51 | 7 49 | 10 0 | 10 26 | 4 43 | 11 10 | 7 1 |
| S 15 | 9 52 | 18 35 | 3 45 | 11 19 | 2 11 | 21 20 | 1 5 | 21 3 | 0 59 | 18 12 | 1 14 | 22 33 | 0 48 | 20 8 | 0 11 | 7 47 | 1 39 | 21 51 | 7 49 | 10 1 | 10 27 | 4 45 | 11 9 | 7 1 |
| S 16 | 10 13 | 17 18 | 2 52 | 10 48 | 1 57 | 21 38 | 1 8 | 20 56 | 1 1 | 18 10 | 1 14 | 22 34 | 0 48 | 20 9 | 0 11 | 7 47 | 1 39 | 21 51 | 7 49 | 10 1 | 10 28 | 4 47 | 11 8 | 7 2 |
| M17 | 10 35 | 15 2 | 1 49 | 10 17 | 1 42 | 21 55 | 1 11 | 20 50 | 1 3 | 18 9 | 1 14 | 22 34 | 0 48 | 20 9 | 0 11 | 7 46 | 1 39 | 21 51 | 7 49 | 10 1 | 10 29 | 4 49 | 11 7 | 7 2 |
| T 18 | 10 56 | 11 51 | 0 37 | 9 46 | 1 26 | 22 11 | 1 15 | 20 43 | 1 4 | 18 7 | 1 14 | 22 34 | 0 48 | 20 10 | 0 11 | 7 46 | 1 39 | 21 51 | 7 48 | 10 1 | 10 30 | 4 51 | 11 6 | 7 3 |
| W19 | 11 16 | 7 52 | 0n40 | 9 15 | 1 10 | 22 27 | 1 18 | 20 36 | 1 6 | 18 6 | 1 14 | 22 34 | 0 48 | 20 10 | 0 11 | 7 45 | 1 39 | 21 51 | 7 48 | 10 1 | 10 31 | 4 52 | 11 5 | 7 3 |
| T 20 | 11 37 | 3 18 | 1 56 | 8 45 | 0 53 | 22 43 | 1 21 | 20 29 | 1 7 | 18 4 | 1 14 | 22 34 | 0 48 | 20 11 | 0 11 | 7 44 | 1 39 | 21 51 | 7 48 | 10 1 | 10 32 | 4 54 | 11 4 | 7 4 |
| F 21 | 11 57 | 1s34 | 3 5 | 8 17 | 0 36 | 22 57 | 1 23 | 20 22 | 1 9 | 18 3 | 1 14 | 22 34 | 0 47 | 20 12 | 0 10 | 7 44 | 1 39 | 21 51 | 7 48 | 10 3 | 10 34 | 4 56 | 11 3 | 7 4 |
| S 22 | 12 18 | 6 24 | 4 3 | 7 49 | 0 20 | 23 11 | 1 26 | 20 15 | 1 11 | 18 1 | 1 14 | 22 34 | 0 47 | 20 12 | 0 10 | 7 43 | 1 39 | 21 51 | 7 48 | 10 5 | 10 35 | 4 58 | 11 2 | 7 5 |
| S 23 | 12 38 | 10 49 | 4 43 | 7 24 | 0 3 | 23 25 | 1 29 | 20 8 | 1 12 | 18 0 | 1 14 | 22 34 | 0 47 | 20 13 | 0 10 | 7 43 | 1 39 | 21 51 | 7 48 | 10 8 | 10 36 | 5 0 | 11 1 | 7 5 |
| M24 | 12 57 | 14 30 | 5 2 | 7 1 | 0s13 | 23 38 | 1 32 | 20 0 | 1 14 | 17 58 | 1 14 | 22 34 | 0 47 | 20 14 | 0 10 | 7 42 | 1 39 | 21 51 | 7 48 | 10 12 | 10 37 | 5 2 | 11 0 | 7 6 |
| T 25 | 13 17 | 17 10 | 5 1 | 6 40 | 0 29 | 23 50 | 1 35 | 19 53 | 1 16 | 17 57 | 1 14 | 22 34 | 0 47 | 20 14 | 0 10 | 7 41 | 1 39 | 21 51 | 7 48 | 10 15 | 10 38 | 5 4 | 10 59 | 7 6 |
| W26 | 13 36 | 18 39 | 4 41 | 6 22 | 0 44 | 24 1 | 1 38 | 19 45 | 1 18 | 17 55 | 1 14 | 22 34 | 0 47 | 20 15 | 0 10 | 7 41 | 1 39 | 21 51 | 7 47 | 10 18 | 10 39 | 5 6 | 10 58 | 7 7 |
| T 27 | 13 56 | 18 57 | 4 4 | 6 6 | 0 58 | 24 12 | 1 40 | 19 38 | 1 19 | 17 54 | 1 14 | 22 34 | 0 46 | 20 16 | 0 10 | 7 40 | 1 39 | 21 50 | 7 47 | 10 19 | 10 40 | 5 8 | 10 57 | 7 7 |
| F 28 | 14 15 | 18 8 | 3 15 | 5 53 | 1 12 | 24 23 | 1 43 | 19 30 | 1 21 | 17 52 | 1 14 | 22 34 | 0 46 | 20 16 | 0 10 | 7 40 | 1 39 | 21 50 | 7 47 | 10 21 | 10 41 | 5 10 | 10 57 | 7 8 |
| S 29 | 14 33 | 16 24 | 2 17 | 5 42 | 1 25 | 24 32 | 1 46 | 19 22 | 1 23 | 17 50 | 1 14 | 22 34 | 0 46 | 20 17 | 0 10 | 7 39 | 1 39 | 21 50 | 7 47 | 10 21 | 10 43 | 5 12 | 10 56 | 7 9 |
| S 30 | 14n52 | 13s54 | 1n14 | 5n34 | 1s38 | 24n41 | 1n48 | 19s14 | 1s25 | 17s49 | 1n14 | 22n34 | 0s46 | 20n18 | 0s10 | 7s39 | 1n39 | 21n50 | 7n47 | 10n21 | 10n44 | 5n14 | 10s55 | 7n 9 |

Julian Day Number = 2614168.5, Delta T = 10m55s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°57'56, Lahiri = 30°04'57


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## MAY 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 14 37 51 | 11♉14'30 | 1♓20 | 18♈20 | 19♊42 | 9♒56 | 25°R 4 | 3♋20 | 1♊50 | 23°R40 | 20°R57 | 3°R 5 | 1♍58 | 23♈12 | 9♒34 | M 1 |
| T 2 | 14 41 48 | 12°12'58 | 13°22 | 18°38 | 20°52 | 10°32 | 24♏56 | 3°26 | 1°53 | 23♎39 | 20♌57 | 3♍ 5 | 1°55 | 23°19 | 9°35 | T 2 |
| W 3 | 14 45 44 | 13°11'25 | 25°16 | 19° 1 | 22° 2 | 11° 9 | 24°49 | 3°32 | 1°56 | 23°37 | 20°D57 | 3° 3 | 1°52 | 23°26 | 9°36 | W 3 |
| T 4 | 14 49 41 | 14° 9'50 | 7♈ 5 | 19°29 | 23°11 | 11°45 | 24°42 | 3°37 | 2° 0 | 23°36 | 20°57 | 2°58 | 1°49 | 23°32 | 9°37 | T 4 |
| F 5 | 14 53 37 | 15° 8'13 | 18°53 | 20° 0 | 24°21 | 12°21 | 24°34 | 3°43 | 2° 3 | 23°34 | 20°57 | 2°50 | 1°45 | 23°39 | 9°37 | F 5 |
| S 6 | 14 57 34 | 16° 6'35 | 0♉44 | 20°36 | 25°30 | 12°57 | 24°27 | 3°50 | 2° 6 | 23°33 | 20°57 | 2°40 | 1°42 | 23°46 | 9°38 | S 6 |
| S 7 | 15 1 30 | 17° 4'55 | 12°38 | 21°16 | 26°40 | 13°33 | 24°19 | 3°56 | 2°10 | 23°31 | 20°57 | 2°28 | 1°39 | 23°52 | 9°39 | S 7 |
| M 8 | 15 5 27 | 18° 3'13 | 24°37 | 21°59 | 27°49 | 14° 9 | 24°12 | 4° 2 | 2°13 | 23°30 | 20°57 | 2°14 | 1°36 | 23°59 | 9°39 | M 8 |
| T 9 | 15 9 24 | 19° 1'29 | 6♊44 | 22°46 | 28°58 | 14°44 | 24° 4 | 4° 8 | 2°17 | 23°28 | 20°57 | 2° 1 | 1°33 | 24° 6 | 9°40 | T 9 |
| W10 | 15 13 20 | 19°59'44 | 18°58 | 23°36 | 0♋ 7 | 15°20 | 23°56 | 4°14 | 2°20 | 23°27 | 20°58 | 1°49 | 1°29 | 24°13 | 9°40 | W10 |
| T 11 | 15 17 17 | 20°57'57 | 1♋21 | 24°29 | 1°16 | 15°55 | 23°49 | 4°21 | 2°23 | 23°26 | 20°58 | 1°38 | 1°26 | 24°19 | 9°41 | T 11 |
| F 12 | 15 21 13 | 21°56'08 | 13°55 | 25°26 | 2°25 | 16°31 | 23°41 | 4°27 | 2°27 | 23°24 | 20°58 | 1°31 | 1°23 | 24°26 | 9°41 | F 12 |
| S 13 | 15 25 10 | 22°54'17 | 26°41 | 26°26 | 3°33 | 17° 6 | 23°34 | 4°34 | 2°30 | 23°23 | 20°58 | 1°26 | 1°20 | 24°33 | 9°41 | S 13 |
| S 14 | 15 29 6 | 23°52'24 | 9♌43 | 27°28 | 4°42 | 17°41 | 23°26 | 4°40 | 2°34 | 23°21 | 20°59 | 1°24 | 1°17 | 24°39 | 9°42 | S 14 |
| M15 | 15 33 3 | 24°50'29 | 23° 3 | 28°34 | 5°50 | 18°16 | 23°18 | 4°47 | 2°37 | 23°20 | 20°59 | 1°24 | 1°14 | 24°46 | 9°R42 | M15 |
| T 16 | 15 36 59 | 25°48'32 | 6♍44 | 29°42 | 6°58 | 18°51 | 23°11 | 4°53 | 2°41 | 23°19 | 20°59 | 1°24 | 1°10 | 24°53 | 9°42 | T 16 |
| W17 | 15 40 56 | 26°46'33 | 20°47 | 0♉52 | 8° 6 | 19°26 | 23° 3 | 5° 0 | 2°44 | 23°17 | 21° 0 | 1°23 | 1° 7 | 24°59 | 9°42 | W17 |
| T 18 | 15 44 53 | 27°44'33 | 5♎13 | 2° 6 | 9°14 | 20° 0 | 22°55 | 5° 7 | 2°48 | 23°16 | 21° 0 | 1°20 | 1° 4 | 25° 6 | 9°41 | T 18 |
| F 19 | 15 48 49 | 28°42'30 | 19°58 | 3°22 | 10°22 | 20°35 | 22°48 | 5°14 | 2°51 | 23°15 | 21° 1 | 1°15 | 1° 1 | 25°13 | 9°41 | F 19 |
| S 20 | 15 52 46 | 29°40'26 | 4♏58 | 4°40 | 11°29 | 21° 9 | 22°40 | 5°21 | 2°55 | 23°14 | 21° 1 | 1° 7 | 0°58 | 25°20 | 9°41 | S 20 |
| S 21 | 15 56 42 | 0♊38'20 | 20° 4 | 6° 1 | 12°37 | 21°44 | 22°33 | 5°27 | 2°58 | 23°12 | 21° 2 | 0°57 | 0°54 | 25°26 | 9°40 | S 21 |
| M22 | 16 0 39 | 1°36'13 | 5♐ 7 | 7°24 | 13°44 | 22°18 | 22°25 | 5°34 | 3° 2 | 23°11 | 21° 2 | 0°46 | 0°51 | 25°33 | 9°40 | M22 |
| T 23 | 16 4 35 | 2°34'04 | 19°56 | 8°49 | 14°51 | 22°52 | 22°18 | 5°41 | 3° 5 | 23°10 | 21° 3 | 0°35 | 0°48 | 25°40 | 9°39 | T 23 |
| W24 | 16 8 32 | 3°31'54 | 4♑23 | 10°17 | 15°58 | 23°26 | 22°10 | 5°48 | 3° 9 | 23° 9 | 21° 3 | 0°25 | 0°45 | 25°46 | 9°39 | W24 |
| T 25 | 16 12 28 | 4°29'43 | 18°22 | 11°47 | 17° 5 | 24° 0 | 22° 3 | 5°55 | 3°12 | 23° 8 | 21° 4 | 0°18 | 0°42 | 25°53 | 9°38 | T 25 |
| F 26 | 16 16 25 | 5°27'30 | 1♒53 | 13°19 | 18°11 | 24°33 | 21°56 | 6° 2 | 3°15 | 23° 6 | 21° 4 | 0°14 | 0°39 | 26° 0 | 9°37 | F 26 |
| S 27 | 16 20 22 | 6°25'17 | 14°56 | 14°53 | 19°17 | 25° 7 | 21°48 | 6°10 | 3°19 | 23° 5 | 21° 5 | 0°11 | 0°35 | 26° 6 | 9°37 | S 27 |
| S 28 | 16 24 18 | 7°23'02 | 27°35 | 16°30 | 20°24 | 25°40 | 21°41 | 6°17 | 3°22 | 23° 4 | 21° 6 | 0°D11 | 0°32 | 26°13 | 9°36 | S 28 |
| M29 | 16 28 15 | 8°20'46 | 9♓53 | 18° 9 | 21°30 | 26°13 | 21°34 | 6°24 | 3°26 | 23° 3 | 21° 6 | 0°R11 | 0°29 | 26°20 | 9°35 | M29 |
| T 30 | 16 32 11 | 9°18'29 | 21°56 | 19°50 | 22°35 | 26°46 | 21°27 | 6°31 | 3°29 | 23° 2 | 21° 7 | 0°10 | 0°26 | 26°27 | 9°34 | T 30 |
| W31 | 16 36 8 | 10♊16'11 | 3♈50 | 21♉34 | 23♋41 | 27♒19 | 21♏20 | 6♋38 | 3♊33 | 23♎ 1 | 21♌ 8 | 0♍ 8 | 0♍23 | 26♈33 | 9♒33 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 15n10 | 10s50 | 0n 9 | 5n29 | 1s49 | 24n49 | 1n51 | 19s 6 | 1s27 | 17s47 | 1n14 | 22n34 | 0s46 | 20n18 | 0s10 | 7s38 | 1n39 | 21n50 | 7n47 | 10n21 | 10n45 | 5n16 | 10s54 | 7n10 |
| T 2 | 15 28 | 7 22 | 0s54 | 5 26 | 2 0 | 24 57 | 1 53 | 18 58 | 1 28 | 17 45 | 1 14 | 22 34 | 0 46 | 20 19 | 0 10 | 7 37 | 1 39 | 21 50 | 7 47 | 10 21 | 10 46 | 5 18 | 10 53 | 7 10 |
| W 3 | 15 46 | 3 38 | 1 55 | 5 25 | 2 10 | 25 4 | 1 56 | 18 50 | 1 30 | 17 43 | 1 14 | 22 34 | 0 46 | 20 20 | 0 10 | 7 37 | 1 39 | 21 50 | 7 46 | 10 22 | 10 47 | 5 19 | 10 53 | 7 11 |
| T 4 | 16 3 | 0n12 | 2 50 | 5 27 | 2 19 | 25 10 | 1 58 | 18 42 | 1 32 | 17 42 | 1 14 | 22 34 | 0 45 | 20 20 | 0 10 | 7 36 | 1 39 | 21 50 | 7 46 | 10 23 | 10 48 | 5 21 | 10 52 | 7 11 |
| F 5 | 16 20 | 4 1 | 3 38 | 5 31 | 2 28 | 25 16 | 2 0 | 18 34 | 1 34 | 17 40 | 1 14 | 22 34 | 0 45 | 20 21 | 0 10 | 7 36 | 1 39 | 21 50 | 7 46 | 10 26 | 10 49 | 5 23 | 10 51 | 7 12 |
| S 6 | 16 37 | 7 42 | 4 16 | 5 38 | 2 35 | 25 21 | 2 3 | 18 25 | 1 36 | 17 38 | 1 14 | 22 34 | 0 45 | 20 22 | 0 10 | 7 35 | 1 39 | 21 49 | 7 46 | 10 30 | 10 51 | 5 25 | 10 50 | 7 12 |
| S 7 | 16 54 | 11 5 | 4 43 | 5 46 | 2 42 | 25 25 | 2 5 | 18 17 | 1 38 | 17 36 | 1 14 | 22 34 | 0 45 | 20 22 | 0 10 | 7 35 | 1 39 | 21 49 | 7 46 | 10 34 | 10 52 | 5 27 | 10 50 | 7 13 |
| M 8 | 17 10 | 14 3 | 4 58 | 5 56 | 2 48 | 25 29 | 2 7 | 18 8 | 1 40 | 17 35 | 1 14 | 22 34 | 0 45 | 20 23 | 0 10 | 7 34 | 1 39 | 21 49 | 7 46 | 10 39 | 10 53 | 5 29 | 10 49 | 7 13 |
| T 9 | 17 26 | 16 27 | 5 0 | 6 9 | 2 53 | 25 32 | 2 9 | 18 0 | 1 42 | 17 33 | 1 14 | 22 34 | 0 45 | 20 24 | 0 10 | 7 34 | 1 39 | 21 49 | 7 46 | 10 44 | 10 54 | 5 31 | 10 48 | 7 14 |
| W10 | 17 42 | 18 9 | 4 47 | 6 23 | 2 58 | 25 34 | 2 11 | 17 51 | 1 44 | 17 31 | 1 14 | 22 34 | 0 45 | 20 24 | 0 10 | 7 33 | 1 39 | 21 49 | 7 45 | 10 48 | 10 55 | 5 33 | 10 48 | 7 15 |
| T 11 | 17 57 | 19 1 | 4 22 | 6 39 | 3 1 | 25 35 | 2 13 | 17 43 | 1 46 | 17 29 | 1 14 | 22 34 | 0 44 | 20 25 | 0 10 | 7 33 | 1 39 | 21 48 | 7 45 | 10 52 | 10 56 | 5 35 | 10 47 | 7 15 |
| F 12 | 18 12 | 18 57 | 3 43 | 6 57 | 3 4 | 25 36 | 2 15 | 17 34 | 1 48 | 17 27 | 1 14 | 22 34 | 0 44 | 20 26 | 0 10 | 7 32 | 1 39 | 21 48 | 7 45 | 10 55 | 10 57 | 5 37 | 10 46 | 7 16 |
| S 13 | 18 27 | 17 57 | 2 52 | 7 16 | 3 7 | 25 36 | 2 16 | 17 25 | 1 50 | 17 25 | 1 14 | 22 34 | 0 44 | 20 27 | 0 10 | 7 32 | 1 39 | 21 48 | 7 45 | 10 56 | 10 58 | 5 39 | 10 46 | 7 16 |
| S 14 | 18 42 | 15 58 | 1 52 | 7 37 | 3 8 | 25 36 | 2 18 | 17 16 | 1 52 | 17 24 | 1 14 | 22 34 | 0 44 | 20 27 | 0 10 | 7 31 | 1 39 | 21 48 | 7 45 | 10 57 | 11 0 | 5 41 | 10 45 | 7 17 |
| M15 | 18 56 | 13 6 | 0 44 | 7 59 | 3 9 | 25 35 | 2 20 | 17 8 | 1 54 | 17 22 | 1 14 | 22 34 | 0 44 | 20 28 | 0 10 | 7 31 | 1 39 | 21 47 | 7 45 | 10 57 | 11 1 | 5 43 | 10 45 | 7 17 |
| T 16 | 19 10 | 9 27 | 0n28 | 8 23 | 3 10 | 25 33 | 2 21 | 16 59 | 1 56 | 17 20 | 1 14 | 22 34 | 0 44 | 20 29 | 0 10 | 7 30 | 1 39 | 21 47 | 7 45 | 10 57 | 11 2 | 5 45 | 10 44 | 7 18 |
| W17 | 19 23 | 5 11 | 1 41 | 8 47 | 3 9 | 25 30 | 2 23 | 16 50 | 1 59 | 17 18 | 1 14 | 22 33 | 0 44 | 20 29 | 0 10 | 7 30 | 1 39 | 21 47 | 7 44 | 10 57 | 11 3 | 5 46 | 10 44 | 7 18 |
| T 18 | 19 36 | 0 31 | 2 48 | 9 14 | 3 8 | 25 27 | 2 24 | 16 41 | 2 1 | 17 16 | 1 13 | 22 33 | 0 44 | 20 30 | 0 10 | 7 29 | 1 39 | 21 47 | 7 44 | 10 58 | 11 4 | 5 48 | 10 43 | 7 19 |
| F 19 | 19 49 | 4s17 | 3 47 | 9 41 | 3 6 | 25 23 | 2 25 | 16 32 | 2 3 | 17 15 | 1 13 | 22 33 | 0 43 | 20 31 | 0 10 | 7 29 | 1 39 | 21 46 | 7 44 | 11 0 | 11 5 | 5 50 | 10 43 | 7 19 |
| S 20 | 20 2 | 8 54 | 4 30 | 10 9 | 3 4 | 25 19 | 2 26 | 16 23 | 2 5 | 17 13 | 1 13 | 22 33 | 0 43 | 20 31 | 0 10 | 7 29 | 1 39 | 21 46 | 7 44 | 11 3 | 11 6 | 5 52 | 10 42 | 7 20 |
| S 21 | 20 14 | 12 58 | 4 55 | 10 38 | 3 1 | 25 14 | 2 27 | 16 14 | 2 7 | 17 11 | 1 13 | 22 33 | 0 43 | 20 32 | 0 10 | 7 28 | 1 39 | 21 46 | 7 44 | 11 7 | 11 7 | 5 54 | 10 42 | 7 21 |
| M22 | 20 26 | 16 11 | 5 0 | 11 8 | 2 58 | 25 8 | 2 28 | 16 5 | 2 10 | 17 9 | 1 13 | 22 33 | 0 43 | 20 33 | 0 10 | 7 28 | 1 39 | 21 46 | 7 44 | 11 11 | 11 9 | 5 56 | 10 41 | 7 21 |
| T 23 | 20 37 | 18 17 | 4 44 | 11 39 | 2 54 | 25 1 | 2 29 | 15 56 | 2 12 | 17 7 | 1 13 | 22 33 | 0 43 | 20 33 | 0 10 | 7 27 | 1 39 | 21 45 | 7 44 | 11 14 | 11 10 | 5 58 | 10 41 | 7 22 |
| W24 | 20 48 | 19 9 | 4 10 | 12 11 | 2 49 | 24 54 | 2 30 | 15 47 | 2 14 | 17 6 | 1 13 | 22 32 | 0 43 | 20 34 | 0 10 | 7 27 | 1 38 | 21 45 | 7 43 | 11 18 | 11 11 | 6 0 | 10 41 | 7 22 |
| T 25 | 20 59 | 18 47 | 3 22 | 12 44 | 2 44 | 24 47 | 2 30 | 15 38 | 2 16 | 17 4 | 1 13 | 22 32 | 0 43 | 20 35 | 0 10 | 7 26 | 1 38 | 21 45 | 7 43 | 11 20 | 11 12 | 6 2 | 10 40 | 7 23 |
| F 26 | 21 10 | 17 21 | 2 24 | 13 17 | 2 38 | 24 38 | 2 31 | 15 29 | 2 19 | 17 2 | 1 12 | 22 32 | 0 43 | 20 35 | 0 10 | 7 26 | 1 38 | 21 44 | 7 43 | 11 22 | 11 13 | 6 4 | 10 40 | 7 23 |
| S 27 | 21 20 | 15 2 | 1 20 | 13 50 | 2 32 | 24 30 | 2 31 | 15 20 | 2 21 | 17 0 | 1 12 | 22 32 | 0 42 | 20 36 | 0 10 | 7 26 | 1 38 | 21 44 | 7 43 | 11 23 | 11 14 | 6 6 | 10 40 | 7 24 |
| S 28 | 21 29 | 12 4 | 0 14 | 14 24 | 2 25 | 24 20 | 2 32 | 15 11 | 2 24 | 16 59 | 1 12 | 22 32 | 0 42 | 20 37 | 0 10 | 7 25 | 1 38 | 21 44 | 7 43 | 11 23 | 11 15 | 6 8 | 10 40 | 7 24 |
| M29 | 21 39 | 8 38 | 0s51 | 14 59 | 2 18 | 24 10 | 2 32 | 15 2 | 2 26 | 16 57 | 1 12 | 22 31 | 0 42 | 20 37 | 0 10 | 7 25 | 1 38 | 21 43 | 7 43 | 11 23 | 11 16 | 6 10 | 10 39 | 7 25 |
| T 30 | 21 47 | 4 55 | 1 53 | 15 33 | 2 11 | 23 59 | 2 32 | 14 53 | 2 28 | 16 55 | 1 12 | 22 31 | 0 42 | 20 38 | 0 10 | 7 25 | 1 38 | 21 43 | 7 43 | 11 23 | 11 18 | 6 12 | 10 39 | 7 25 |
| W31 | 21n56 | 1s 3 | 2s48 | 16n 8 | 2s 2 | 23n48 | 2n32 | 14s44 | 2s31 | 16s54 | 1n12 | 22n31 | 0s42 | 20n39 | 0s10 | 7s24 | 1n38 | 21n42 | 7n42 | 11n24 | 11n19 | 6n13 | 10s39 | 7n26 |

Julian Day Number = 2614198.5, Delta T = 10m56s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'00, Lahiri = 30°05'01


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## JUNE 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 40 4 | 11♊13'52 | 15♈40 | 23♉19 | 24♋46 | 27♒51 | 21°R13 | 6♋46 | 3♊36 | 23°R 0 | 21♎ 9 | 0°R 4 | 0♍20 | 26♈40 | 9°R31 | T 1 |
| F 2 | 16 44 1 | 12°11'32 | 27°29 | 25° 7 | 25°51 | 28°24 | 21♏ 7 | 6°53 | 3°40 | 22♎59 | 21° 9 | 29♎57 | 0°16 | 26°47 | 9♒30 | F 2 |
| S 3 | 16 47 57 | 13° 9'11 | 9♉23 | 26°57 | 26°56 | 28°56 | 21° 0 | 7° 0 | 3°43 | 22°58 | 21°10 | 29°47 | 0°13 | 26°53 | 9°29 | S 3 |
| S 4 | 16 51 54 | 14° 6'48 | 21°22 | 28°49 | 28° 1 | 29°28 | 20°53 | 7° 8 | 3°47 | 22°57 | 21°11 | 29°36 | 0°10 | 27° 0 | 9°27 | S 4 |
| M 5 | 16 55 51 | 15° 4'25 | 3♊30 | 0♊44 | 29° 6 | 29°59 | 20°47 | 7°15 | 3°50 | 22°56 | 21°12 | 29°23 | 0° 7 | 27° 7 | 9°26 | M 5 |
| T 6 | 16 59 47 | 16° 2'01 | 15°48 | 2°40 | 0♎10 | 0♓31 | 20°41 | 7°23 | 3°54 | 22°56 | 21°13 | 29°10 | 0° 4 | 27°13 | 9°24 | T 6 |
| W 7 | 17 3 44 | 16°59'36 | 28°16 | 4°39 | 1°14 | 1° 3 | 20°34 | 7°30 | 3°57 | 22°55 | 21°14 | 28°58 | 0° 0 | 27°20 | 9°23 | W 7 |
| T 8 | 17 7 40 | 17°57'10 | 10♋55 | 6°40 | 2°18 | 1°34 | 20°28 | 7°38 | 4° 0 | 22°54 | 21°15 | 28°49 | 29♎57 | 27°27 | 9°21 | T 8 |
| F 9 | 17 11 37 | 18°54'42 | 23°44 | 8°42 | 3°21 | 2° 5 | 20°22 | 7°45 | 4° 4 | 22°53 | 21°16 | 28°41 | 29°54 | 27°34 | 9°19 | F 9 |
| S 10 | 17 15 33 | 19°52'13 | 6♎45 | 10°47 | 4°24 | 2°35 | 20°16 | 7°53 | 4° 7 | 22°53 | 21°17 | 28°37 | 29°51 | 27°40 | 9°18 | S 10 |
| S 11 | 17 19 30 | 20°49'43 | 19°59 | 12°53 | 5°27 | 3° 6 | 20°11 | 8° 0 | 4°11 | 22°52 | 21°18 | 28°35 | 29°48 | 27°47 | 9°16 | S 11 |
| M12 | 17 23 26 | 21°47'12 | 3♍26 | 15° 0 | 6°30 | 3°36 | 20° 5 | 8° 8 | 4°14 | 22°51 | 21°19 | 28°D35 | 29°45 | 27°54 | 9°14 | M12 |
| T 13 | 17 27 23 | 22°44'40 | 17° 7 | 17° 9 | 7°33 | 4° 6 | 19°59 | 8°16 | 4°17 | 22°50 | 21°20 | 28°R35 | 29°41 | 28° 0 | 9°12 | T 13 |
| W14 | 17 31 20 | 23°42'06 | 1♎ 5 | 19°19 | 8°35 | 4°36 | 19°54 | 8°23 | 4°21 | 22°50 | 21°21 | 28°35 | 29°38 | 28° 7 | 9°10 | W14 |
| T 15 | 17 35 16 | 24°39'31 | 15°18 | 21°30 | 9°37 | 5° 5 | 19°49 | 8°31 | 4°24 | 22°49 | 21°22 | 28°34 | 29°35 | 28°14 | 9° 8 | T 15 |
| F 16 | 17 39 13 | 25°36'55 | 29°46 | 23°42 | 10°38 | 5°34 | 19°44 | 8°39 | 4°27 | 22°49 | 21°23 | 28°30 | 29°32 | 28°20 | 9° 5 | F 16 |
| S 17 | 17 43 9 | 26°34'18 | 14♏24 | 25°54 | 11°39 | 6° 3 | 19°39 | 8°46 | 4°31 | 22°48 | 21°24 | 28°24 | 29°29 | 28°27 | 9° 3 | S 17 |
| S 18 | 17 47 6 | 27°31'40 | 29° 8 | 28° 6 | 12°40 | 6°32 | 19°34 | 8°54 | 4°34 | 22°48 | 21°25 | 28°16 | 29°26 | 28°34 | 9° 1 | S 18 |
| M19 | 17 51 2 | 28°29'01 | 13♐49 | 0♋18 | 13°41 | 7° 0 | 19°29 | 9° 2 | 4°37 | 22°47 | 21°27 | 28° 7 | 29°22 | 28°41 | 8°59 | M19 |
| T 20 | 17 54 59 | 29°26'22 | 28°20 | 2°30 | 14°41 | 7°28 | 19°25 | 9° 9 | 4°40 | 22°47 | 21°28 | 27°58 | 29°19 | 28°47 | 8°56 | T 20 |
| W21 | 17 58 55 | 0♋23'41 | 12♑34 | 4°40 | 15°41 | 7°56 | 19°21 | 9°17 | 4°44 | 22°46 | 21°29 | 27°50 | 29°16 | 28°54 | 8°54 | W21 |
| T 22 | 18 2 52 | 1°21'00 | 26°27 | 6°50 | 16°40 | 8°23 | 19°17 | 9°25 | 4°47 | 22°46 | 21°30 | 27°44 | 29°13 | 29° 1 | 8°51 | T 22 |
| F 23 | 18 6 49 | 2°18'19 | 9♒54 | 8°59 | 17°39 | 8°50 | 19°13 | 9°33 | 4°50 | 22°46 | 21°32 | 27°40 | 29°10 | 29° 7 | 8°49 | F 23 |
| S 24 | 18 10 45 | 3°15'37 | 22°57 | 11° 7 | 18°38 | 9°17 | 19° 9 | 9°41 | 4°53 | 22°45 | 21°33 | 27°D39 | 29° 6 | 29°14 | 8°46 | S 24 |
| S 25 | 18 14 42 | 4°12'54 | 5♓37 | 13°12 | 19°36 | 9°44 | 19° 5 | 9°48 | 4°56 | 22°45 | 21°34 | 27°39 | 29° 3 | 29°21 | 8°43 | S 25 |
| M26 | 18 18 38 | 5°10'12 | 17°58 | 15°17 | 20°34 | 10°10 | 19° 2 | 9°56 | 5° 0 | 22°45 | 21°36 | 27°40 | 29° 0 | 29°27 | 8°41 | M26 |
| T 27 | 18 22 35 | 6° 7'29 | 0♈ 4 | 17°19 | 21°31 | 10°35 | 18°58 | 10° 4 | 5° 3 | 22°45 | 21°37 | 27°41 | 28°57 | 29°34 | 8°38 | T 27 |
| W28 | 18 26 31 | 7° 4'45 | 12° 0 | 19°20 | 22°28 | 11° 1 | 18°55 | 10°12 | 5° 6 | 22°44 | 21°38 | 27°R41 | 28°54 | 29°41 | 8°35 | W28 |
| T 29 | 18 30 28 | 8° 2'02 | 23°52 | 21°18 | 23°25 | 11°26 | 18°52 | 10°20 | 5° 9 | 22°44 | 21°40 | 27°40 | 28°51 | 29°48 | 8°32 | T 29 |
| F 30 | 18 34 24 | 8♋59'18 | 5♉44 | 23♋14 | 24♎21 | 11♓50 | 18♏49 | 10♋27 | 5♊12 | 22♎44 | 21♎41 | 27♎36 | 28♎47 | 29♈54 | 8♒29 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 4 | 2n49 | 3s36 | 16n43 | 1s54 | 23n36 | 2n32 | 14s35 | 2s33 | 16s52 | 1n12 | 22n31 | 0s42 | 20n39 | 0s10 | 7s24 | 1n38 | 21n42 | 7n42 | 11n25 | 11n20 | 6n15 | 10s39 | 7n26 |
| F 2 | 22 12 | 6 35 | 4 15 | 17 18 | 1 45 | 23 24 | 2 31 | 14 26 | 2 36 | 16 50 | 1 11 | 22 30 | 0 42 | 20 40 | 0 10 | 7 24 | 1 38 | 21 42 | 7 42 | 11 28 | 11 21 | 6 17 | 10 39 | 7 27 |
| S 3 | 22 19 | 10 7 | 4 42 | 17 52 | 1 36 | 23 11 | 2 31 | 14 17 | 2 38 | 16 49 | 1 11 | 22 30 | 0 42 | 20 41 | 0 10 | 7 23 | 1 38 | 21 41 | 7 42 | 11 31 | 11 22 | 6 19 | 10 38 | 7 27 |
| S 4 | 22 26 | 13 16 | 4 58 | 18 27 | 1 26 | 22 58 | 2 30 | 14 9 | 2 41 | 16 47 | 1 11 | 22 30 | 0 41 | 20 41 | 0 10 | 7 23 | 1 38 | 21 41 | 7 42 | 11 35 | 11 23 | 6 21 | 10 38 | 7 28 |
| M 5 | 22 33 | 15 53 | 5 0 | 19 1 | 1 16 | 22 44 | 2 30 | 14 0 | 2 43 | 16 46 | 1 11 | 22 30 | 0 41 | 20 42 | 0 10 | 7 23 | 1 38 | 21 40 | 7 42 | 11 40 | 11 24 | 6 23 | 10 38 | 7 28 |
| T 6 | 22 39 | 17 50 | 4 49 | 19 34 | 1 6 | 22 29 | 2 29 | 13 51 | 2 46 | 16 44 | 1 11 | 22 29 | 0 41 | 20 43 | 0 10 | 7 22 | 1 38 | 21 40 | 7 42 | 11 44 | 11 25 | 6 25 | 10 38 | 7 29 |
| W 7 | 22 45 | 18 59 | 4 23 | 20 6 | 0 56 | 22 15 | 2 28 | 13 42 | 2 49 | 16 43 | 1 11 | 22 29 | 0 41 | 20 43 | 0 10 | 7 22 | 1 38 | 21 40 | 7 42 | 11 48 | 11 26 | 6 27 | 10 38 | 7 29 |
| T 8 | 22 50 | 19 12 | 3 44 | 20 38 | 0 45 | 21 59 | 2 27 | 13 34 | 2 51 | 16 41 | 1 10 | 22 29 | 0 41 | 20 44 | 0 10 | 7 22 | 1 38 | 21 39 | 7 41 | 11 52 | 11 28 | 6 29 | 10 38 | 7 29 |
| F 9 | 22 55 | 18 27 | 2 54 | 21 8 | 0 34 | 21 43 | 2 26 | 13 25 | 2 54 | 16 40 | 1 10 | 22 28 | 0 41 | 20 45 | 0 10 | 7 22 | 1 38 | 21 39 | 7 41 | 11 54 | 11 29 | 6 31 | 10 38 | 7 30 |
| S 10 | 23 0 | 16 43 | 1 53 | 21 37 | 0 23 | 21 27 | 2 25 | 13 16 | 2 57 | 16 39 | 1 10 | 22 28 | 0 41 | 20 45 | 0 10 | 7 21 | 1 38 | 21 38 | 7 41 | 11 56 | 11 30 | 6 33 | 10 38 | 7 30 |
| S 11 | 23 4 | 14 4 | 0 46 | 22 5 | 0 12 | 21 10 | 2 23 | 13 8 | 2 59 | 16 37 | 1 10 | 22 28 | 0 41 | 20 46 | 0 10 | 7 21 | 1 38 | 21 38 | 7 41 | 11 56 | 11 31 | 6 35 | 10 38 | 7 31 |
| M12 | 23 8 | 10 38 | 0n26 | 22 31 | 0 2 | 20 53 | 2 22 | 12 59 | 3 2 | 16 36 | 1 10 | 22 27 | 0 41 | 20 46 | 0 10 | 7 21 | 1 38 | 21 37 | 7 41 | 11 56 | 11 32 | 6 37 | 10 38 | 7 31 |
| T 13 | 23 11 | 6 34 | 1 37 | 22 55 | 0n 9 | 20 35 | 2 20 | 12 51 | 3 5 | 16 35 | 1 9 | 22 27 | 0 41 | 20 47 | 0 10 | 7 21 | 1 38 | 21 37 | 7 41 | 11 56 | 11 33 | 6 38 | 10 38 | 7 32 |
| W14 | 23 14 | 2 5 | 2 44 | 23 16 | 0 20 | 20 17 | 2 18 | 12 43 | 3 8 | 16 34 | 1 9 | 22 27 | 0 40 | 20 48 | 0 10 | 7 21 | 1 38 | 21 37 | 7 41 | 11 56 | 11 34 | 6 40 | 10 38 | 7 32 |
| T 15 | 23 16 | 2s36 | 3 42 | 23 36 | 0 30 | 19 59 | 2 16 | 12 35 | 3 10 | 16 32 | 1 9 | 22 26 | 0 40 | 20 48 | 0 10 | 7 20 | 1 38 | 21 36 | 7 41 | 11 57 | 11 35 | 6 42 | 10 39 | 7 33 |
| F 16 | 23 18 | 7 12 | 4 27 | 23 53 | 0 40 | 19 40 | 2 14 | 12 26 | 3 13 | 16 31 | 1 9 | 22 26 | 0 40 | 20 49 | 0 10 | 7 20 | 1 38 | 21 36 | 7 41 | 11 58 | 11 36 | 6 44 | 10 39 | 7 33 |
| S 17 | 23 20 | 11 25 | 4 55 | 24 8 | 0 49 | 19 21 | 2 11 | 12 18 | 3 16 | 16 30 | 1 9 | 22 25 | 0 40 | 20 50 | 0 10 | 7 20 | 1 38 | 21 35 | 7 40 | 12 0 | 11 38 | 6 46 | 10 39 | 7 33 |
| S 18 | 23 21 | 14 58 | 5 4 | 24 20 | 0 58 | 19 2 | 2 9 | 12 10 | 3 19 | 16 29 | 1 8 | 22 25 | 0 40 | 20 50 | 0 10 | 7 20 | 1 37 | 21 35 | 7 40 | 12 3 | 11 39 | 6 48 | 10 39 | 7 34 |
| M19 | 23 22 | 17 33 | 4 53 | 24 30 | 1 7 | 18 42 | 2 6 | 12 3 | 3 22 | 16 28 | 1 8 | 22 25 | 0 40 | 20 51 | 0 10 | 7 20 | 1 37 | 21 34 | 7 40 | 12 6 | 11 40 | 6 50 | 10 39 | 7 34 |
| T 20 | 23 23 | 18 59 | 4 23 | 24 36 | 1 15 | 18 21 | 2 4 | 11 55 | 3 25 | 16 27 | 1 8 | 22 24 | 0 40 | 20 51 | 0 10 | 7 20 | 1 37 | 21 34 | 7 40 | 12 9 | 11 41 | 6 52 | 10 40 | 7 34 |
| W21 | 23 23 | 19 11 | 3 37 | 24 40 | 1 22 | 18 1 | 2 1 | 11 47 | 3 28 | 16 26 | 1 8 | 22 24 | 0 40 | 20 52 | 0 10 | 7 20 | 1 37 | 21 33 | 7 40 | 12 12 | 11 42 | 6 54 | 10 40 | 7 35 |
| T 22 | 23 22 | 18 12 | 2 39 | 24 41 | 1 29 | 17 40 | 1 58 | 11 40 | 3 31 | 16 25 | 1 7 | 22 23 | 0 40 | 20 53 | 0 10 | 7 20 | 1 37 | 21 33 | 7 40 | 12 14 | 11 43 | 6 56 | 10 40 | 7 35 |
| F 23 | 23 22 | 16 13 | 1 34 | 24 39 | 1 35 | 17 19 | 1 54 | 11 32 | 3 34 | 16 24 | 1 7 | 22 23 | 0 40 | 20 53 | 0 10 | 7 19 | 1 37 | 21 32 | 7 40 | 12 15 | 11 44 | 6 58 | 10 40 | 7 36 |
| S 24 | 23 20 | 13 26 | 0 25 | 24 35 | 1 40 | 16 58 | 1 51 | 11 25 | 3 37 | 16 24 | 1 7 | 22 22 | 0 39 | 20 54 | 0 10 | 7 19 | 1 37 | 21 32 | 7 40 | 12 16 | 11 45 | 7 0 | 10 41 | 7 36 |
| S 25 | 23 19 | 10 5 | 0s43 | 24 28 | 1 45 | 16 36 | 1 47 | 11 18 | 3 40 | 16 23 | 1 7 | 22 22 | 0 39 | 20 54 | 0 10 | 7 19 | 1 37 | 21 31 | 7 40 | 12 15 | 11 46 | 7 2 | 10 41 | 7 36 |
| M26 | 23 17 | 6 23 | 1 47 | 24 18 | 1 48 | 16 14 | 1 44 | 11 11 | 3 43 | 16 22 | 1 6 | 22 21 | 0 39 | 20 55 | 0 10 | 7 19 | 1 37 | 21 31 | 7 40 | 12 15 | 11 48 | 7 3 | 10 41 | 7 37 |
| T 27 | 23 14 | 2 30 | 2 45 | 24 6 | 1 51 | 15 52 | 1 40 | 11 4 | 3 46 | 16 21 | 1 6 | 22 21 | 0 39 | 20 55 | 0 10 | 7 19 | 1 37 | 21 30 | 7 40 | 12 15 | 11 49 | 7 5 | 10 42 | 7 37 |
| W28 | 23 11 | 1n26 | 3 36 | 23 52 | 1 54 | 15 30 | 1 36 | 10 57 | 3 49 | 16 21 | 1 6 | 22 20 | 0 39 | 20 56 | 0 10 | 7 19 | 1 37 | 21 30 | 7 39 | 12 15 | 11 50 | 7 7 | 10 42 | 7 37 |
| T 29 | 23 8 | 5 16 | 4 16 | 23 35 | 1 55 | 15 7 | 1 31 | 10 50 | 3 52 | 16 20 | 1 6 | 22 20 | 0 39 | 20 57 | 0 10 | 7 19 | 1 37 | 21 29 | 7 39 | 12 15 | 11 51 | 7 9 | 10 43 | 7 38 |
| F 30 | 23n 5 | 8n54 | 4s46 | 23n17 | 1n56 | 14n44 | 1n27 | 10s44 | 3s55 | 16s20 | 1n 5 | 22n19 | 0s39 | 20n57 | 0s10 | 7s19 | 1n37 | 21n29 | 7n39 | 12n16 | 11n52 | 7n11 | 10s43 | 7n38 |

Julian Day Number = 2614229.5, Delta T = 10m56s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'05, Lahiri = 30°05'05


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## JULY 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 38 21 | 9♋56'35 | 17♉40 | 25♋ 9 | 25♌16 | 12♓14 | 18°R47 | 10♋35 | 5♊15 | 22°R44 | 21♌43 | 27°R31 | 28♌44 | 0♉ 1 | 8°R26 | S 1 |
| S 2 | 18 42 18 | 10°53'51 | 29°45 | 27° 1 | 26°11 | 12°38 | 18♏44 | 10°43 | 5°18 | 22♎44 | 21°44 | 27♌24 | 28°41 | 0° 8 | 8♒23 | S 2 |
| M 3 | 18 46 14 | 11°51'07 | 12♊ 1 | 28°51 | 27° 6 | 13° 1 | 18°42 | 10°51 | 5°21 | 22°D44 | 21°45 | 27°16 | 28°38 | 0°14 | 8°20 | M 3 |
| T 4 | 18 50 11 | 12°48'23 | 24°30 | 0♌39 | 27°59 | 13°24 | 18°40 | 10°59 | 5°24 | 22°44 | 21°47 | 27° 8 | 28°35 | 0°21 | 8°17 | T 4 |
| W 5 | 18 54 7 | 13°45'39 | 7♋13 | 2°25 | 28°53 | 13°47 | 18°38 | 11° 6 | 5°27 | 22°44 | 21°48 | 27° 1 | 28°32 | 0°28 | 8°14 | W 5 |
| T 6 | 18 58 4 | 14°42'54 | 20°10 | 4° 8 | 29°46 | 14° 8 | 18°36 | 11°14 | 5°30 | 22°44 | 21°50 | 26°55 | 28°28 | 0°35 | 8°11 | T 6 |
| F 7 | 19 2 0 | 15°40'10 | 3♌20 | 5°50 | 0♍38 | 14°30 | 18°34 | 11°22 | 5°33 | 22°44 | 21°51 | 26°51 | 28°25 | 0°41 | 8° 8 | F 7 |
| S 8 | 19 5 57 | 16°37'25 | 16°43 | 7°29 | 1°29 | 14°51 | 18°33 | 11°30 | 5°35 | 22°44 | 21°53 | 26°48 | 28°22 | 0°48 | 8° 5 | S 8 |
| S 9 | 19 9 53 | 17°34'39 | 0♍17 | 9° 6 | 2°20 | 15°11 | 18°32 | 11°38 | 5°38 | 22°44 | 21°54 | 26°D48 | 28°19 | 0°55 | 8° 1 | S 9 |
| M10 | 19 13 50 | 18°31'54 | 14° 1 | 10°40 | 3°11 | 15°31 | 18°31 | 11°45 | 5°41 | 22°45 | 21°56 | 26°49 | 28°16 | 1° 1 | 7°58 | M10 |
| T 11 | 19 17 47 | 19°29'08 | 27°56 | 12°13 | 4° 0 | 15°51 | 18°30 | 11°53 | 5°44 | 22°45 | 21°58 | 26°50 | 28°12 | 1° 8 | 7°55 | T 11 |
| W12 | 19 21 43 | 20°26'21 | 11♎58 | 13°43 | 4°49 | 16°10 | 18°29 | 12° 1 | 5°46 | 22°45 | 21°59 | 26°51 | 28° 9 | 1°15 | 7°51 | W12 |
| T 13 | 19 25 40 | 21°23'35 | 26° 9 | 15°11 | 5°37 | 16°28 | 18°29 | 12° 9 | 5°49 | 22°45 | 22° 1 | 26°R52 | 28° 6 | 1°21 | 7°48 | T 13 |
| F 14 | 19 29 36 | 22°20'48 | 10♏24 | 16°36 | 6°24 | 16°46 | 18°28 | 12°16 | 5°52 | 22°46 | 22° 2 | 26°50 | 28° 3 | 1°28 | 7°45 | F 14 |
| S 15 | 19 33 33 | 23°18'01 | 24°44 | 18° 0 | 7°11 | 17° 3 | 18°D28 | 12°24 | 5°54 | 22°46 | 22° 4 | 26°48 | 28° 0 | 1°35 | 7°41 | S 15 |
| S 16 | 19 37 29 | 24°15'14 | 9♐ 2 | 19°21 | 7°56 | 17°20 | 18°28 | 12°32 | 5°57 | 22°46 | 22° 6 | 26°44 | 27°57 | 1°42 | 7°38 | S 16 |
| M17 | 19 41 26 | 25°12'26 | 23°16 | 20°39 | 8°41 | 17°36 | 18°28 | 12°40 | 6° 0 | 22°47 | 22° 7 | 26°39 | 27°53 | 1°48 | 7°34 | M17 |
| T 18 | 19 45 23 | 26° 9'39 | 7♑21 | 21°55 | 9°25 | 17°52 | 18°29 | 12°47 | 6° 2 | 22°47 | 22° 9 | 26°35 | 27°50 | 1°55 | 7°31 | T 18 |
| W19 | 19 49 19 | 27° 6'52 | 21°12 | 23° 9 | 10° 7 | 18° 7 | 18°29 | 12°55 | 6° 5 | 22°48 | 22°11 | 26°31 | 27°47 | 2° 2 | 7°27 | W19 |
| T 20 | 19 53 16 | 28° 4'05 | 4♒46 | 24°20 | 10°49 | 18°21 | 18°30 | 13° 3 | 6° 7 | 22°48 | 22°12 | 26°28 | 27°44 | 2° 8 | 7°24 | T 20 |
| F 21 | 19 57 12 | 29° 1'18 | 18° 0 | 25°28 | 11°30 | 18°35 | 18°31 | 13°10 | 6° 9 | 22°49 | 22°14 | 26°27 | 27°41 | 2°15 | 7°20 | F 21 |
| S 22 | 20 1 9 | 29°58'31 | 0♓55 | 26°34 | 12°10 | 18°48 | 18°32 | 13°18 | 6°12 | 22°49 | 22°16 | 26°D26 | 27°38 | 2°22 | 7°17 | S 22 |
| S 23 | 20 5 5 | 0♌55'45 | 13°32 | 27°37 | 12°48 | 19° 0 | 18°34 | 13°26 | 6°14 | 22°50 | 22°17 | 26°27 | 27°34 | 2°29 | 7°13 | S 23 |
| M24 | 20 9 2 | 1°53'00 | 25°52 | 28°37 | 13°26 | 19°12 | 18°35 | 13°33 | 6°16 | 22°51 | 22°19 | 26°29 | 27°31 | 2°35 | 7°10 | M24 |
| T 25 | 20 12 58 | 2°50'15 | 7♈58 | 29°34 | 14° 2 | 19°23 | 18°37 | 13°41 | 6°19 | 22°51 | 22°21 | 26°30 | 27°28 | 2°42 | 7° 6 | T 25 |
| W26 | 20 16 55 | 3°47'30 | 19°56 | 0♍28 | 14°37 | 19°33 | 18°38 | 13°48 | 6°21 | 22°52 | 22°23 | 26°32 | 27°25 | 2°49 | 7° 3 | W26 |
| T 27 | 20 20 51 | 4°44'47 | 1♉49 | 1°19 | 15°11 | 19°43 | 18°40 | 13°56 | 6°23 | 22°53 | 22°24 | 26°R32 | 27°22 | 2°55 | 6°59 | T 27 |
| F 28 | 20 24 48 | 5°42'04 | 13°42 | 2° 6 | 15°44 | 19°52 | 18°43 | 14° 3 | 6°25 | 22°53 | 22°26 | 26°32 | 27°18 | 3° 2 | 6°55 | F 28 |
| S 29 | 20 28 45 | 6°39'22 | 25°41 | 2°50 | 16°15 | 20° 0 | 18°45 | 14°11 | 6°27 | 22°54 | 22°28 | 26°31 | 27°15 | 3° 9 | 6°52 | S 29 |
| S 30 | 20 32 41 | 7°36'40 | 7♊48 | 3°30 | 16°44 | 20° 7 | 18°48 | 14°18 | 6°30 | 22°55 | 22°30 | 26°29 | 27°12 | 3°16 | 6°48 | S 30 |
| M31 | 20 36 38 | 8♌34'00 | 20♊ 8 | 4♍ 7 | 17♍13 | 20♓14 | 18♏50 | 14♋25 | 6♊32 | 22♎56 | 22♌31 | 26♌27 | 27♌ 9 | 3♉22 | 6♒45 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 0 | 12n12 | 5s 3 | 22n57 | 1n56 | 14n21 | 1n22 | 10s37 | 3s58 | 16s19 | 1n 5 | 22n19 | 0s39 | 20n58 | 0s10 | 7s19 | 1n37 | 21n28 | 7n39 | 12n18 | 11n53 | 7n13 | 10s44 | 7n38 |
| S 2 | 22 56 | 15 2 | 5 7 | 22 35 | 1 55 | 13 58 | 1 17 | 10 31 | 4 2 | 16 19 | 1 5 | 22 18 | 0 39 | 20 58 | 0 10 | 7 19 | 1 37 | 21 27 | 7 39 | 12 21 | 11 54 | 7 15 | 10 44 | 7 38 |
| M 3 | 22 51 | 17 15 | 4 58 | 22 12 | 1 54 | 13 35 | 1 12 | 10 25 | 4 5 | 16 18 | 1 5 | 22 18 | 0 39 | 20 59 | 0 10 | 7 19 | 1 37 | 21 27 | 7 39 | 12 23 | 11 55 | 7 17 | 10 45 | 7 39 |
| T 4 | 22 46 | 18 42 | 4 34 | 21 47 | 1 52 | 13 12 | 1 7 | 10 19 | 4 8 | 16 18 | 1 4 | 22 17 | 0 39 | 20 59 | 0 10 | 7 19 | 1 37 | 21 26 | 7 39 | 12 26 | 11 56 | 7 19 | 10 45 | 7 39 |
| W 5 | 22 40 | 19 15 | 3 56 | 21 20 | 1 49 | 12 48 | 1 2 | 10 14 | 4 11 | 16 18 | 1 4 | 22 17 | 0 39 | 21 0 | 0 10 | 7 19 | 1 37 | 21 26 | 7 39 | 12 29 | 11 57 | 7 21 | 10 46 | 7 39 |
| T 6 | 22 34 | 18 49 | 3 5 | 20 53 | 1 46 | 12 24 | 0 56 | 10 8 | 4 14 | 16 17 | 1 4 | 22 16 | 0 38 | 21 0 | 0 10 | 7 19 | 1 37 | 21 25 | 7 39 | 12 31 | 11 59 | 7 23 | 10 46 | 7 39 |
| F 7 | 22 28 | 17 21 | 2 4 | 20 25 | 1 42 | 12 1 | 0 51 | 10 3 | 4 18 | 16 17 | 1 4 | 22 15 | 0 38 | 21 1 | 0 10 | 7 20 | 1 37 | 21 25 | 7 39 | 12 32 | 12 0 | 7 25 | 10 47 | 7 40 |
| S 8 | 22 21 | 14 55 | 0 55 | 19 55 | 1 37 | 11 37 | 0 45 | 9 58 | 4 21 | 16 17 | 1 3 | 22 15 | 0 38 | 21 1 | 0 10 | 7 20 | 1 37 | 21 24 | 7 39 | 12 33 | 12 1 | 7 26 | 10 47 | 7 40 |
| S 9 | 22 14 | 11 38 | 0n19 | 19 25 | 1 32 | 11 13 | 0 39 | 9 53 | 4 24 | 16 17 | 1 3 | 22 14 | 0 38 | 21 2 | 0 10 | 7 20 | 1 36 | 21 24 | 7 39 | 12 33 | 12 2 | 7 28 | 10 48 | 7 40 |
| M10 | 22 6 | 7 41 | 1 32 | 18 54 | 1 26 | 10 49 | 0 32 | 9 48 | 4 28 | 16 17 | 1 3 | 22 14 | 0 38 | 21 2 | 0 10 | 7 20 | 1 36 | 21 23 | 7 39 | 12 33 | 12 3 | 7 30 | 10 48 | 7 40 |
| T 11 | 21 58 | 3 17 | 2 41 | 18 22 | 1 20 | 10 25 | 0 26 | 9 44 | 4 31 | 16 17 | 1 3 | 22 13 | 0 38 | 21 3 | 0 10 | 7 20 | 1 36 | 21 22 | 7 39 | 12 32 | 12 4 | 7 32 | 10 49 | 7 40 |
| W12 | 21 50 | 1s19 | 3 41 | 17 50 | 1 13 | 10 1 | 0 19 | 9 39 | 4 34 | 16 17 | 1 2 | 22 12 | 0 38 | 21 3 | 0 10 | 7 20 | 1 36 | 21 22 | 7 39 | 12 32 | 12 5 | 7 34 | 10 50 | 7 41 |
| T 13 | 21 41 | 5 54 | 4 28 | 17 17 | 1 6 | 9 37 | 0 12 | 9 35 | 4 37 | 16 17 | 1 2 | 22 12 | 0 38 | 21 4 | 0 10 | 7 20 | 1 36 | 21 21 | 7 39 | 12 32 | 12 6 | 7 36 | 10 50 | 7 41 |
| F 14 | 21 32 | 10 10 | 4 59 | 16 44 | 0 58 | 9 13 | 0 5 | 9 31 | 4 41 | 16 17 | 1 2 | 22 11 | 0 38 | 21 4 | 0 10 | 7 20 | 1 36 | 21 21 | 7 39 | 12 32 | 12 7 | 7 38 | 10 51 | 7 41 |
| S 15 | 21 22 | 13 52 | 5 11 | 16 11 | 0 50 | 8 49 | 0s 2 | 9 28 | 4 44 | 16 18 | 1 2 | 22 11 | 0 38 | 21 5 | 0 10 | 7 21 | 1 36 | 21 20 | 7 39 | 12 33 | 12 8 | 7 40 | 10 52 | 7 41 |
| S 16 | 21 13 | 16 44 | 5 5 | 15 38 | 0 41 | 8 26 | 0 9 | 9 24 | 4 47 | 16 18 | 1 1 | 22 10 | 0 38 | 21 5 | 0 10 | 7 21 | 1 36 | 21 20 | 7 39 | 12 34 | 12 9 | 7 42 | 10 53 | 7 41 |
| M17 | 21 2 | 18 34 | 4 39 | 15 4 | 0 32 | 8 2 | 0 17 | 9 21 | 4 51 | 16 18 | 1 1 | 22 9 | 0 38 | 21 5 | 0 10 | 7 21 | 1 36 | 21 19 | 7 38 | 12 36 | 12 11 | 7 44 | 10 53 | 7 41 |
| T 18 | 20 52 | 19 14 | 3 57 | 14 31 | 0 22 | 7 38 | 0 25 | 9 18 | 4 54 | 16 18 | 1 1 | 22 9 | 0 38 | 21 6 | 0 10 | 7 21 | 1 36 | 21 18 | 7 38 | 12 37 | 12 12 | 7 46 | 10 54 | 7 41 |
| W19 | 20 41 | 18 44 | 3 1 | 13 57 | 0 12 | 7 14 | 0 33 | 9 15 | 4 58 | 16 19 | 1 1 | 22 8 | 0 37 | 21 6 | 0 10 | 7 21 | 1 36 | 21 18 | 7 38 | 12 39 | 12 13 | 7 47 | 10 55 | 7 41 |
| T 20 | 20 30 | 17 9 | 1 56 | 13 24 | 0 2 | 6 51 | 0 42 | 9 13 | 5 1 | 16 19 | 1 0 | 22 7 | 0 37 | 21 7 | 0 10 | 7 22 | 1 36 | 21 17 | 7 38 | 12 40 | 12 14 | 7 49 | 10 56 | 7 42 |
| F 21 | 20 18 | 14 40 | 0 46 | 12 51 | 0s 9 | 6 28 | 0 50 | 9 10 | 5 4 | 16 20 | 1 0 | 22 7 | 0 37 | 21 7 | 0 10 | 7 22 | 1 36 | 21 17 | 7 38 | 12 40 | 12 15 | 7 51 | 10 56 | 7 42 |
| S 22 | 20 6 | 11 30 | 0s25 | 12 19 | 0 20 | 6 4 | 0 59 | 9 8 | 5 8 | 16 20 | 1 0 | 22 6 | 0 37 | 21 8 | 0 10 | 7 22 | 1 36 | 21 16 | 7 38 | 12 40 | 12 16 | 7 53 | 10 57 | 7 42 |
| S 23 | 19 54 | 7 53 | 1 33 | 11 47 | 0 32 | 5 41 | 1 8 | 9 6 | 5 11 | 16 21 | 1 0 | 22 5 | 0 37 | 21 8 | 0 10 | 7 22 | 1 36 | 21 16 | 7 38 | 12 40 | 12 17 | 7 55 | 10 58 | 7 42 |
| M24 | 19 41 | 4 1 | 2 35 | 11 15 | 0 43 | 5 19 | 1 17 | 9 5 | 5 14 | 16 22 | 0 59 | 22 5 | 0 37 | 21 8 | 0 10 | 7 23 | 1 36 | 21 15 | 7 38 | 12 39 | 12 18 | 7 57 | 10 59 | 7 42 |
| T 25 | 19 29 | 0 3 | 3 29 | 10 44 | 0 55 | 4 56 | 1 27 | 9 4 | 5 17 | 16 22 | 0 59 | 22 4 | 0 37 | 21 9 | 0 10 | 7 23 | 1 36 | 21 14 | 7 38 | 12 39 | 12 19 | 7 59 | 11 0 | 7 42 |
| W26 | 19 15 | 3n52 | 4 13 | 10 14 | 1 8 | 4 34 | 1 36 | 9 2 | 5 21 | 16 23 | 0 59 | 22 3 | 0 37 | 21 9 | 0 10 | 7 23 | 1 36 | 21 14 | 7 38 | 12 38 | 12 20 | 8 1 | 11 0 | 7 42 |
| T 27 | 19 2 | 7 36 | 4 46 | 9 44 | 1 20 | 4 12 | 1 46 | 9 2 | 5 24 | 16 24 | 0 59 | 22 2 | 0 37 | 21 10 | 0 10 | 7 24 | 1 36 | 21 13 | 7 38 | 12 38 | 12 21 | 8 3 | 11 1 | 7 42 |
| F 28 | 18 48 | 11 1 | 5 7 | 9 15 | 1 33 | 3 50 | 1 56 | 9 1 | 5 27 | 16 25 | 0 58 | 22 2 | 0 37 | 21 10 | 0 10 | 7 24 | 1 36 | 21 13 | 7 38 | 12 38 | 12 23 | 8 5 | 11 2 | 7 42 |
| S 29 | 18 34 | 14 2 | 5 15 | 8 48 | 1 46 | 3 28 | 2 6 | 9 1 | 5 30 | 16 26 | 0 58 | 22 1 | 0 37 | 21 10 | 0 10 | 7 24 | 1 36 | 21 12 | 7 38 | 12 39 | 12 24 | 8 7 | 11 3 | 7 42 |
| S 30 | 18 19 | 16 28 | 5 9 | 8 21 | 1 58 | 3 7 | 2 17 | 9 1 | 5 34 | 16 26 | 0 58 | 22 0 | 0 37 | 21 11 | 0 10 | 7 25 | 1 35 | 21 11 | 7 38 | 12 39 | 12 25 | 8 8 | 11 4 | 7 42 |
| M31 | 18n 4 | 18n13 | 4s49 | 7n56 | 2s12 | 2n46 | 2s28 | 9s 1 | 5s37 | 16s27 | 0n58 | 22n 0 | 0s37 | 21n11 | 0s10 | 7s25 | 1n35 | 21n11 | 7n38 | 12n40 | 12n26 | 8n10 | 11s 5 | 7n42 |

Julian Day Number = 2614259.5, Delta T = 10m56s
Ecliptic obliquity = 23°22'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'09, Lahiri = 30°05'09


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## AUGUST 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 40 34 | 9♌31'20 | 2♋44 | 4♍39 | 17♍39 | 20♓20 | 18♏53 | 14♋33 | 6♊34 | 22♎57 | 22♌33 | 26°R24 | 27♌ 6 | 3♉29 | 6°R41 | T 1 |
| W 2 | 20 44 31 | 10°28'41 | 15°39 | 5° 7 | 18° 4 | 20°25 | 18°56 | 14°40 | 6°36 | 22°58 | 22°35 | 26♌22 | 27° 3 | 3°36 | 6♒38 | W 2 |
| T 3 | 20 48 27 | 11°26'03 | 28°51 | 5°31 | 18°28 | 20°29 | 18°59 | 14°47 | 6°37 | 22°59 | 22°37 | 26°20 | 26°59 | 3°42 | 6°34 | T 3 |
| F 4 | 20 52 24 | 12°23'26 | 12♌22 | 5°51 | 18°49 | 20°33 | 19° 3 | 14°55 | 6°39 | 23° 0 | 22°39 | 26°19 | 26°56 | 3°49 | 6°31 | F 4 |
| S 5 | 20 56 21 | 13°20'49 | 26° 9 | 6° 6 | 19° 9 | 20°36 | 19° 6 | 15° 2 | 6°41 | 23° 1 | 22°40 | 26°D19 | 26°53 | 3°56 | 6°27 | S 5 |
| S 6 | 21 0 17 | 14°18'13 | 10♍ 9 | 6°16 | 19°28 | 20°38 | 19°10 | 15° 9 | 6°43 | 23° 2 | 22°42 | 26°19 | 26°50 | 4° 3 | 6°23 | S 6 |
| M 7 | 21 4 14 | 15°15'38 | 24°19 | 6°21 | 19°44 | 20°39 | 19°14 | 15°16 | 6°45 | 23° 3 | 22°44 | 26°20 | 26°47 | 4° 9 | 6°20 | M 7 |
| T 8 | 21 8 10 | 16°13'03 | 8♎36 | 6°R21 | 19°58 | 20°R39 | 19°18 | 15°23 | 6°46 | 23° 4 | 22°46 | 26°21 | 26°44 | 4°16 | 6°16 | T 8 |
| W 9 | 21 12 7 | 17°10'28 | 22°55 | 6°16 | 20°10 | 20°38 | 19°22 | 15°30 | 6°48 | 23° 5 | 22°48 | 26°21 | 26°40 | 4°23 | 6°13 | W 9 |
| T 10 | 21 16 3 | 18° 7'55 | 7♏12 | 6° 6 | 20°21 | 20°37 | 19°27 | 15°37 | 6°50 | 23° 6 | 22°50 | 26°22 | 26°37 | 4°29 | 6°10 | T 10 |
| F 11 | 21 20 0 | 19° 5'22 | 21°27 | 5°50 | 20°29 | 20°35 | 19°31 | 15°44 | 6°51 | 23° 7 | 22°51 | 26°R22 | 26°34 | 4°36 | 6° 6 | F 11 |
| S 12 | 21 23 56 | 20° 2'49 | 5♐34 | 5°29 | 20°35 | 20°32 | 19°36 | 15°51 | 6°53 | 23° 8 | 22°53 | 26°22 | 26°31 | 4°43 | 6° 3 | S 12 |
| S 13 | 21 27 53 | 21° 0'17 | 19°34 | 5° 3 | 20°38 | 20°29 | 19°41 | 15°58 | 6°54 | 23°10 | 22°55 | 26°21 | 26°28 | 4°50 | 5°59 | S 13 |
| M14 | 21 31 49 | 21°57'46 | 3♑23 | 4°33 | 20°R40 | 20°24 | 19°46 | 16° 5 | 6°56 | 23°11 | 22°57 | 26°21 | 26°24 | 4°56 | 5°56 | M14 |
| T 15 | 21 35 46 | 22°55'16 | 17° 0 | 3°58 | 20°39 | 20°19 | 19°51 | 16°12 | 6°57 | 23°12 | 22°59 | 26°20 | 26°21 | 5° 3 | 5°53 | T 15 |
| W16 | 21 39 43 | 23°52'47 | 0♒25 | 3°18 | 20°35 | 20°13 | 19°56 | 16°19 | 6°58 | 23°14 | 23° 0 | 26°20 | 26°18 | 5°10 | 5°49 | W16 |
| T 17 | 21 43 39 | 24°50'18 | 13°35 | 2°36 | 20°30 | 20° 7 | 20° 2 | 16°25 | 7° 0 | 23°15 | 23° 2 | 26°20 | 26°15 | 5°16 | 5°46 | T 17 |
| F 18 | 21 47 36 | 25°47'51 | 26°31 | 1°50 | 20°22 | 19°59 | 20° 7 | 16°32 | 7° 1 | 23°16 | 23° 4 | 26°20 | 26°12 | 5°23 | 5°43 | F 18 |
| S 19 | 21 51 32 | 26°45'24 | 9♓12 | 1° 2 | 20°11 | 19°51 | 20°13 | 16°39 | 7° 2 | 23°18 | 23° 6 | 26°20 | 26° 9 | 5°30 | 5°40 | S 19 |
| S 20 | 21 55 29 | 27°42'59 | 21°39 | 0°13 | 19°58 | 19°42 | 20°19 | 16°45 | 7° 3 | 23°19 | 23° 8 | 26°20 | 26° 5 | 5°37 | 5°36 | S 20 |
| M21 | 21 59 25 | 28°40'35 | 3♈53 | 29♌23 | 19°43 | 19°33 | 20°25 | 16°52 | 7° 4 | 23°21 | 23°10 | 26°20 | 26° 2 | 5°43 | 5°33 | M21 |
| T 22 | 22 3 22 | 29°38'12 | 15°58 | 28°33 | 19°25 | 19°23 | 20°31 | 16°58 | 7° 6 | 23°22 | 23°11 | 26°19 | 25°59 | 5°50 | 5°30 | T 22 |
| W23 | 22 7 18 | 0♍35'51 | 27°54 | 27°45 | 19° 6 | 19°12 | 20°37 | 17° 5 | 7° 7 | 23°23 | 23°13 | 26°19 | 25°56 | 5°57 | 5°27 | W23 |
| T 24 | 22 11 15 | 1°33'31 | 9♉47 | 27° 0 | 18°43 | 19° 1 | 20°44 | 17°11 | 7° 8 | 23°25 | 23°15 | 26°18 | 25°53 | 6° 3 | 5°24 | T 24 |
| F 25 | 22 15 12 | 2°31'13 | 21°40 | 26°17 | 18°19 | 18°49 | 20°51 | 17°17 | 7° 8 | 23°27 | 23°17 | 26°18 | 25°49 | 6°10 | 5°21 | F 25 |
| S 26 | 22 19 8 | 3°28'57 | 3♊38 | 25°39 | 17°53 | 18°36 | 20°57 | 17°24 | 7° 9 | 23°28 | 23°19 | 26°D18 | 25°46 | 6°17 | 5°18 | S 26 |
| S 27 | 22 23 5 | 4°26'42 | 15°44 | 25° 7 | 17°25 | 18°23 | 21° 4 | 17°30 | 7°10 | 23°30 | 23°21 | 26°18 | 25°43 | 6°23 | 5°15 | S 27 |
| M28 | 22 27 1 | 5°24'28 | 28° 4 | 24°39 | 16°55 | 18°10 | 21°11 | 17°36 | 7°11 | 23°31 | 23°22 | 26°19 | 25°40 | 6°30 | 5°12 | M28 |
| T 29 | 22 30 58 | 6°22'17 | 10♋41 | 24°19 | 16°24 | 17°56 | 21°18 | 17°42 | 7°12 | 23°33 | 23°24 | 26°19 | 25°37 | 6°37 | 5° 9 | T 29 |
| W30 | 22 34 54 | 7°20'07 | 23°40 | 24° 5 | 15°51 | 17°41 | 21°26 | 17°48 | 7°12 | 23°35 | 23°26 | 26°20 | 25°34 | 6°44 | 5° 7 | W30 |
| T 31 | 22 38 51 | 8♍17'58 | 7♌ 1 | 23°D59 | 15♍17 | 17♓26 | 21♏33 | 17♋54 | 7♊13 | 23♎36 | 23♌28 | 26♌21 | 25♌30 | 6♉50 | 5♒ 4 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n49 | 19n 7 | 4s14 | 7n32 | 2s25 | 2n26 | 2s38 | 9s 2 | 5s40 | 16s28 | 0n57 | 21n59 | 0s37 | 21n11 | 0s10 | 7s25 | 1n35 | 21n10 | 7n38 | 12n41 | 12n27 | 8n12 | 11s 6 | 7n42 |
| W 2 | 17 34 | 19 3 | 3 26 | 7 10 | 2 38 | 2 6 | 2 49 | 9 2 | 5 43 | 16 30 | 0 57 | 21 58 | 0 37 | 21 12 | 0 10 | 7 26 | 1 35 | 21 10 | 7 38 | 12 42 | 12 28 | 8 14 | 11 7 | 7 42 |
| T 3 | 17 18 | 17 57 | 2 26 | 6 49 | 2 51 | 1 47 | 3 1 | 9 4 | 5 46 | 16 31 | 0 57 | 21 57 | 0 37 | 21 12 | 0 10 | 7 26 | 1 35 | 21 9 | 7 39 | 12 42 | 12 29 | 8 16 | 11 8 | 7 42 |
| F 4 | 17 3 | 15 50 | 1 16 | 6 30 | 3 4 | 1 28 | 3 12 | 9 5 | 5 49 | 16 32 | 0 57 | 21 57 | 0 36 | 21 12 | 0 10 | 7 27 | 1 35 | 21 9 | 7 39 | 12 43 | 12 30 | 8 18 | 11 8 | 7 42 |
| S 5 | 16 46 | 12 45 | 0 1 | 6 13 | 3 16 | 1 9 | 3 24 | 9 6 | 5 52 | 16 33 | 0 56 | 21 56 | 0 36 | 21 13 | 0 10 | 7 27 | 1 35 | 21 8 | 7 39 | 12 43 | 12 31 | 8 20 | 11 9 | 7 41 |
| S 6 | 16 30 | 8 55 | 1n16 | 5 57 | 3 29 | 0 51 | 3 36 | 9 8 | 5 55 | 16 34 | 0 56 | 21 55 | 0 36 | 21 13 | 0 10 | 7 27 | 1 35 | 21 7 | 7 39 | 12 43 | 12 32 | 8 22 | 11 10 | 7 41 |
| M 7 | 16 13 | 4 32 | 2 29 | 5 44 | 3 40 | 0 34 | 3 48 | 9 10 | 5 57 | 16 36 | 0 56 | 21 54 | 0 36 | 21 13 | 0 10 | 7 28 | 1 35 | 21 7 | 7 39 | 12 43 | 12 33 | 8 24 | 11 11 | 7 41 |
| T 8 | 15 56 | 0s 8 | 3 33 | 5 34 | 3 52 | 0 17 | 4 0 | 9 13 | 6 0 | 16 37 | 0 56 | 21 54 | 0 36 | 21 14 | 0 10 | 7 28 | 1 35 | 21 6 | 7 39 | 12 42 | 12 34 | 8 26 | 11 12 | 7 41 |
| W 9 | 15 39 | 4 47 | 4 25 | 5 25 | 4 3 | 0 1 | 4 12 | 9 15 | 6 3 | 16 38 | 0 55 | 21 53 | 0 36 | 21 14 | 0 10 | 7 29 | 1 35 | 21 6 | 7 39 | 12 42 | 12 36 | 8 27 | 11 13 | 7 41 |
| T 10 | 15 21 | 9 10 | 4 59 | 5 20 | 4 13 | 0s14 | 4 24 | 9 18 | 6 5 | 16 40 | 0 55 | 21 52 | 0 36 | 21 14 | 0 10 | 7 29 | 1 35 | 21 5 | 7 39 | 12 42 | 12 37 | 8 29 | 11 14 | 7 41 |
| F 11 | 15 4 | 13 0 | 5 16 | 5 17 | 4 22 | 0 29 | 4 37 | 9 21 | 6 8 | 16 41 | 0 55 | 21 51 | 0 36 | 21 14 | 0 10 | 7 30 | 1 35 | 21 5 | 7 39 | 12 42 | 12 38 | 8 31 | 11 15 | 7 41 |
| S 12 | 14 46 | 16 3 | 5 13 | 5 16 | 4 31 | 0 43 | 4 50 | 9 24 | 6 10 | 16 43 | 0 55 | 21 51 | 0 36 | 21 15 | 0 10 | 7 30 | 1 35 | 21 4 | 7 39 | 12 42 | 12 39 | 8 33 | 11 16 | 7 40 |
| S 13 | 14 28 | 18 8 | 4 51 | 5 19 | 4 38 | 0 56 | 5 2 | 9 28 | 6 12 | 16 44 | 0 54 | 21 50 | 0 36 | 21 15 | 0 10 | 7 31 | 1 35 | 21 4 | 7 39 | 12 42 | 12 40 | 8 35 | 11 17 | 7 40 |
| M14 | 14 9 | 19 7 | 4 13 | 5 24 | 4 44 | 1 8 | 5 15 | 9 32 | 6 14 | 16 46 | 0 54 | 21 49 | 0 36 | 21 15 | 0 10 | 7 31 | 1 35 | 21 3 | 7 39 | 12 42 | 12 41 | 8 37 | 11 18 | 7 40 |
| T 15 | 13 51 | 18 58 | 3 21 | 5 33 | 4 49 | 1 19 | 5 27 | 9 36 | 6 16 | 16 47 | 0 54 | 21 48 | 0 36 | 21 15 | 0 10 | 7 32 | 1 35 | 21 2 | 7 39 | 12 42 | 12 42 | 8 39 | 11 19 | 7 40 |
| W16 | 13 32 | 17 45 | 2 19 | 5 44 | 4 52 | 1 30 | 5 40 | 9 40 | 6 18 | 16 49 | 0 54 | 21 48 | 0 36 | 21 16 | 0 10 | 7 32 | 1 35 | 21 2 | 7 39 | 12 42 | 12 43 | 8 41 | 11 20 | 7 40 |
| T 17 | 13 13 | 15 35 | 1 10 | 5 57 | 4 53 | 1 39 | 5 53 | 9 44 | 6 20 | 16 51 | 0 54 | 21 47 | 0 36 | 21 16 | 0 10 | 7 33 | 1 35 | 21 1 | 7 39 | 12 42 | 12 44 | 8 43 | 11 21 | 7 39 |
| F 18 | 12 53 | 12 40 | 0s 1 | 6 14 | 4 53 | 1 47 | 6 5 | 9 48 | 6 22 | 16 52 | 0 53 | 21 46 | 0 36 | 21 16 | 0 10 | 7 33 | 1 35 | 21 1 | 7 39 | 12 42 | 12 45 | 8 45 | 11 22 | 7 39 |
| S 19 | 12 34 | 9 12 | 1 11 | 6 33 | 4 51 | 1 55 | 6 17 | 9 53 | 6 23 | 16 54 | 0 53 | 21 45 | 0 36 | 21 16 | 0 10 | 7 34 | 1 35 | 21 0 | 7 39 | 12 42 | 12 46 | 8 46 | 11 23 | 7 39 |
| S 20 | 12 14 | 5 23 | 2 16 | 6 53 | 4 47 | 2 1 | 6 30 | 9 58 | 6 25 | 16 56 | 0 53 | 21 45 | 0 36 | 21 16 | 0 10 | 7 34 | 1 35 | 21 0 | 7 40 | 12 42 | 12 47 | 8 48 | 11 24 | 7 39 |
| M21 | 11 54 | 1 25 | 3 14 | 7 16 | 4 41 | 2 6 | 6 41 | 10 2 | 6 26 | 16 58 | 0 53 | 21 44 | 0 36 | 21 17 | 0 10 | 7 35 | 1 35 | 20 59 | 7 40 | 12 43 | 12 48 | 8 50 | 11 25 | 7 38 |
| T 22 | 11 34 | 2n33 | 4 2 | 7 40 | 4 33 | 2 10 | 6 53 | 10 7 | 6 27 | 17 0 | 0 52 | 21 43 | 0 36 | 21 17 | 0 10 | 7 35 | 1 34 | 20 59 | 7 40 | 12 43 | 12 50 | 8 52 | 11 26 | 7 38 |
| W23 | 11 14 | 6 21 | 4 39 | 8 5 | 4 24 | 2 12 | 7 4 | 10 13 | 6 28 | 17 1 | 0 52 | 21 42 | 0 36 | 21 17 | 0 10 | 7 36 | 1 34 | 20 58 | 7 40 | 12 43 | 12 51 | 8 54 | 11 27 | 7 38 |
| T 24 | 10 54 | 9 54 | 5 4 | 8 31 | 4 13 | 2 14 | 7 15 | 10 18 | 6 29 | 17 3 | 0 52 | 21 42 | 0 35 | 21 17 | 0 10 | 7 37 | 1 34 | 20 58 | 7 40 | 12 43 | 12 52 | 8 56 | 11 28 | 7 38 |
| F 25 | 10 33 | 13 3 | 5 16 | 8 57 | 4 0 | 2 14 | 7 25 | 10 23 | 6 29 | 17 5 | 0 52 | 21 41 | 0 35 | 21 17 | 0 10 | 7 37 | 1 34 | 20 57 | 7 40 | 12 43 | 12 53 | 8 58 | 11 29 | 7 37 |
| S 26 | 10 12 | 15 41 | 5 14 | 9 23 | 3 46 | 2 13 | 7 35 | 10 28 | 6 30 | 17 7 | 0 52 | 21 40 | 0 35 | 21 17 | 0 10 | 7 38 | 1 34 | 20 57 | 7 40 | 12 43 | 12 54 | 9 0 | 11 30 | 7 37 |
| S 27 | 9 51 | 17 40 | 4 59 | 9 49 | 3 30 | 2 11 | 7 45 | 10 34 | 6 30 | 17 9 | 0 51 | 21 39 | 0 35 | 21 17 | 0 10 | 7 38 | 1 34 | 20 56 | 7 40 | 12 43 | 12 55 | 9 2 | 11 31 | 7 37 |
| M28 | 9 30 | 18 52 | 4 30 | 10 13 | 3 14 | 2 7 | 7 53 | 10 39 | 6 30 | 17 11 | 0 51 | 21 39 | 0 35 | 21 18 | 0 10 | 7 39 | 1 34 | 20 56 | 7 40 | 12 43 | 12 56 | 9 3 | 11 32 | 7 36 |
| T 29 | 9 9 | 19 11 | 3 47 | 10 36 | 2 57 | 2 3 | 8 1 | 10 45 | 6 30 | 17 13 | 0 51 | 21 38 | 0 35 | 21 18 | 0 10 | 7 40 | 1 34 | 20 55 | 7 40 | 12 43 | 12 57 | 9 5 | 11 33 | 7 36 |
| W30 | 8 48 | 18 30 | 2 51 | 10 57 | 2 39 | 1 57 | 8 8 | 10 50 | 6 30 | 17 15 | 0 51 | 21 37 | 0 35 | 21 18 | 0 10 | 7 40 | 1 34 | 20 55 | 7 41 | 12 42 | 12 58 | 9 7 | 11 34 | 7 36 |
| T 31 | 8n26 | 16n47 | 1s45 | 11n17 | 2s21 | 1s50 | 8s15 | 10s55 | 6s29 | 17s18 | 0n51 | 21n36 | 0s35 | 21n18 | 0s10 | 7s41 | 1n34 | 20n54 | 7n41 | 12n42 | 12n59 | 9n 9 | 11s35 | 7n35 |

Julian Day Number = 2614290.5, Delta T = 10m57s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'13, Lahiri = 30°05'13


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## SEPTEMBER 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 22 42 47 | 9♍15'51 | 20♌46 | 24♌ 0 | 14°R42 | 17°R11 | 21♏41 | 18♋ 0 | 7♊13 | 23♎38 | 23♌29 | 26°R22 | 25♌27 | 6♉57 | 5°R 1 | F 1 |
| S 2 | 22 46 44 | 10°13'46 | 4♍52 | 24°10 | 14♍ 5 | 16♓56 | 21°48 | 18° 6 | 7°14 | 23°40 | 23°31 | 26♌22 | 25°24 | 7° 4 | 4♒59 | S 2 |
| S 3 | 22 50 41 | 11°11'42 | 19°17 | 24°27 | 13°29 | 16°40 | 21°56 | 18°11 | 7°14 | 23°41 | 23°33 | 26°21 | 25°21 | 7°11 | 4°56 | S 3 |
| M 4 | 22 54 37 | 12° 9'39 | 3♎54 | 24°53 | 12°52 | 16°24 | 22° 4 | 18°17 | 7°15 | 23°43 | 23°35 | 26°19 | 25°18 | 7°17 | 4°53 | M 4 |
| T 5 | 22 58 34 | 13° 7'38 | 18°38 | 25°26 | 12°15 | 16° 8 | 22°12 | 18°23 | 7°15 | 23°45 | 23°36 | 26°17 | 25°15 | 7°24 | 4°51 | T 5 |
| W 6 | 23 2 30 | 14° 5'39 | 3♏20 | 26° 8 | 11°37 | 15°52 | 22°20 | 18°28 | 7°16 | 23°47 | 23°38 | 26°15 | 25°11 | 7°31 | 4°49 | W 6 |
| T 7 | 23 6 27 | 15° 3'41 | 17°55 | 26°57 | 11° 1 | 15°36 | 22°29 | 18°34 | 7°16 | 23°49 | 23°40 | 26°13 | 25° 8 | 7°37 | 4°46 | T 7 |
| F 8 | 23 10 23 | 16° 1'44 | 2♐18 | 27°53 | 10°24 | 15°20 | 22°37 | 18°39 | 7°16 | 23°50 | 23°42 | 26°12 | 25° 5 | 7°44 | 4°44 | F 8 |
| S 9 | 23 14 20 | 16°59'48 | 16°25 | 28°57 | 9°49 | 15° 4 | 22°46 | 18°45 | 7°16 | 23°52 | 23°43 | 26°D11 | 25° 2 | 7°51 | 4°42 | S 9 |
| S 10 | 23 18 16 | 17°57'54 | 0♑16 | 0♍ 7 | 9°14 | 14°48 | 22°54 | 18°50 | 7°16 | 23°54 | 23°45 | 26°12 | 24°59 | 7°58 | 4°39 | S 10 |
| M11 | 23 22 13 | 18°56'01 | 13°49 | 1°23 | 8°41 | 14°32 | 23° 3 | 18°55 | 7°16 | 23°56 | 23°47 | 26°13 | 24°55 | 8° 4 | 4°37 | M11 |
| T 12 | 23 26 10 | 19°54'10 | 27° 5 | 2°45 | 8° 9 | 14°17 | 23°12 | 19° 0 | 7°R16 | 23°58 | 23°48 | 26°15 | 24°52 | 8°11 | 4°35 | T 12 |
| W13 | 23 30 6 | 20°52'20 | 10♒ 7 | 4°13 | 7°39 | 14° 2 | 23°21 | 19° 5 | 7°16 | 24° 0 | 23°50 | 26°16 | 24°49 | 8°18 | 4°33 | W13 |
| T 14 | 23 34 3 | 21°50'31 | 22°54 | 5°45 | 7°11 | 13°47 | 23°30 | 19°10 | 7°16 | 24° 2 | 23°52 | 26°R17 | 24°46 | 8°24 | 4°31 | T 14 |
| F 15 | 23 37 59 | 22°48'44 | 5♓30 | 7°21 | 6°44 | 13°32 | 23°40 | 19°15 | 7°16 | 24° 4 | 23°53 | 26°16 | 24°43 | 8°31 | 4°29 | F 15 |
| S 16 | 23 41 56 | 23°46'59 | 17°55 | 9° 1 | 6°19 | 13°18 | 23°49 | 19°20 | 7°16 | 24° 6 | 23°55 | 26°15 | 24°40 | 8°38 | 4°28 | S 16 |
| S 17 | 23 45 52 | 24°45'15 | 0♈10 | 10°44 | 5°57 | 13° 4 | 23°58 | 19°24 | 7°16 | 24° 8 | 23°57 | 26°12 | 24°36 | 8°45 | 4°26 | S 17 |
| M18 | 23 49 49 | 25°43'33 | 12°16 | 12°29 | 5°37 | 12°50 | 24° 8 | 19°29 | 7°15 | 24°10 | 23°58 | 26° 7 | 24°33 | 8°51 | 4°24 | M18 |
| T 19 | 23 53 45 | 26°41'53 | 24°16 | 14°17 | 5°19 | 12°37 | 24°17 | 19°34 | 7°15 | 24°12 | 24° 0 | 26° 2 | 24°30 | 8°58 | 4°23 | T 19 |
| W20 | 23 57 42 | 27°40'15 | 6♉10 | 16° 6 | 5° 3 | 12°25 | 24°27 | 19°38 | 7°15 | 24°14 | 24° 1 | 25°57 | 24°27 | 9° 5 | 4°21 | W20 |
| T 21 | 0 1 38 | 28°38'39 | 18° 2 | 17°57 | 4°50 | 12°13 | 24°37 | 19°42 | 7°14 | 24°16 | 24° 3 | 25°51 | 24°24 | 9°11 | 4°20 | T 21 |
| F 22 | 0 5 35 | 29°37'05 | 29°54 | 19°49 | 4°40 | 12° 1 | 24°47 | 19°47 | 7°14 | 24°18 | 24° 5 | 25°47 | 24°21 | 9°18 | 4°18 | F 22 |
| S 23 | 0 9 32 | 0♎35'34 | 11♊50 | 21°41 | 4°31 | 11°51 | 24°57 | 19°51 | 7°13 | 24°20 | 24° 6 | 25°43 | 24°17 | 9°25 | 4°17 | S 23 |
| S 24 | 0 13 28 | 1°34'04 | 23°54 | 23°34 | 4°26 | 11°41 | 25° 7 | 19°55 | 7°13 | 24°22 | 24° 8 | 25°42 | 24°14 | 9°32 | 4°15 | S 24 |
| M25 | 0 17 25 | 2°32'36 | 6♋10 | 25°26 | 4°22 | 11°31 | 25°17 | 19°59 | 7°12 | 24°24 | 24° 9 | 25°D41 | 24°11 | 9°38 | 4°14 | M25 |
| T 26 | 0 21 21 | 3°31'11 | 18°44 | 27°19 | 4°D21 | 11°22 | 25°28 | 20° 3 | 7°11 | 24°26 | 24°11 | 25°42 | 24° 8 | 9°45 | 4°13 | T 26 |
| W27 | 0 25 18 | 4°29'48 | 1♌39 | 29°11 | 4°23 | 11°14 | 25°38 | 20° 7 | 7°11 | 24°28 | 24°12 | 25°44 | 24° 5 | 9°52 | 4°12 | W27 |
| T 28 | 0 29 14 | 5°28'27 | 14°59 | 1♎ 3 | 4°26 | 11° 7 | 25°49 | 20°11 | 7°10 | 24°30 | 24°14 | 25°45 | 24° 1 | 9°58 | 4°11 | T 28 |
| F 29 | 0 33 11 | 6°27'08 | 28°47 | 2°54 | 4°32 | 11° 0 | 25°59 | 20°14 | 7° 9 | 24°33 | 24°15 | 25°R45 | 23°58 | 10° 5 | 4°10 | F 29 |
| S 30 | 0 37 7 | 7♎25'51 | 13♍ 1 | 4♎45 | 4♍41 | 10♓54 | 26♏10 | 20♋18 | 7♊ 8 | 24♎35 | 24♌16 | 25♌44 | 23♌55 | 10♉12 | 4♒ 9 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 8n 5 | 14n 3 | 0s31 | 11n33 | 2s 3 | 1s42 | 8s21 | 11s 1 | 6s29 | 17s20 | 0n50 | 21n36 | 0s35 | 21n18 | 0s10 | 7s42 | 1n34 | 20n54 | 7n41 | 12n42 | 13n 0 | 9n11 | 11s36 | 7n35 | F 1 |
| S 2 | 7 43 | 10 26 | 0n47 | 11 48 | 1 44 | 1 33 | 8 26 | 11 6 | 6 28 | 17 22 | 0 50 | 21 35 | 0 35 | 21 18 | 0 10 | 7 42 | 1 34 | 20 53 | 7 41 | 12 42 | 13 1 | 9 13 | 11 37 | 7 35 | S 2 |
| S 3 | 7 21 | 6 7 | 2 3 | 11 59 | 1 26 | 1 22 | 8 30 | 11 11 | 6 27 | 17 24 | 0 50 | 21 34 | 0 35 | 21 18 | 0 10 | 7 43 | 1 34 | 20 53 | 7 41 | 12 42 | 13 2 | 9 15 | 11 38 | 7 34 | S 3 |
| M 4 | 6 59 | 1 24 | 3 13 | 12 8 | 1 8 | 1 11 | 8 33 | 11 16 | 6 25 | 17 26 | 0 50 | 21 33 | 0 35 | 21 18 | 0 10 | 7 44 | 1 34 | 20 52 | 7 41 | 12 43 | 13 3 | 9 17 | 11 39 | 7 34 | M 4 |
| T 5 | 6 37 | 3s26 | 4 10 | 12 13 | 0 50 | 0 59 | 8 35 | 11 21 | 6 24 | 17 29 | 0 49 | 21 33 | 0 35 | 21 18 | 0 10 | 7 44 | 1 34 | 20 52 | 7 41 | 12 43 | 13 5 | 9 18 | 11 40 | 7 33 | T 5 |
| W 6 | 6 15 | 8 2 | 4 50 | 12 15 | 0 34 | 0 47 | 8 36 | 11 26 | 6 22 | 17 31 | 0 49 | 21 32 | 0 35 | 21 18 | 0 10 | 7 45 | 1 34 | 20 51 | 7 41 | 12 44 | 13 6 | 9 20 | 11 41 | 7 33 | W 6 |
| T 7 | 5 52 | 12 8 | 5 12 | 12 14 | 0 17 | 0 33 | 8 36 | 11 30 | 6 20 | 17 33 | 0 49 | 21 31 | 0 35 | 21 18 | 0 10 | 7 46 | 1 34 | 20 51 | 7 42 | 12 45 | 13 7 | 9 22 | 11 42 | 7 33 | T 7 |
| F 8 | 5 30 | 15 27 | 5 13 | 12 9 | 0 2 | 0 19 | 8 36 | 11 35 | 6 18 | 17 36 | 0 49 | 21 31 | 0 35 | 21 18 | 0 10 | 7 46 | 1 34 | 20 50 | 7 42 | 12 45 | 13 8 | 9 24 | 11 43 | 7 32 | F 8 |
| S 9 | 5 7 | 17 47 | 4 56 | 12 1 | 0n13 | 0 5 | 8 34 | 11 39 | 6 16 | 17 38 | 0 49 | 21 30 | 0 35 | 21 18 | 0 10 | 7 47 | 1 34 | 20 50 | 7 42 | 12 45 | 13 9 | 9 26 | 11 43 | 7 32 | S 9 |
| S 10 | 4 45 | 19 1 | 4 21 | 11 49 | 0 26 | 0n10 | 8 32 | 11 43 | 6 14 | 17 40 | 0 49 | 21 29 | 0 35 | 21 19 | 0 10 | 7 48 | 1 34 | 20 50 | 7 42 | 12 45 | 13 10 | 9 28 | 11 44 | 7 31 | S 10 |
| M11 | 4 22 | 19 8 | 3 33 | 11 34 | 0 39 | 0 25 | 8 29 | 11 47 | 6 11 | 17 43 | 0 48 | 21 29 | 0 35 | 21 19 | 0 10 | 7 49 | 1 34 | 20 49 | 7 42 | 12 45 | 13 11 | 9 30 | 11 45 | 7 31 | M11 |
| T 12 | 3 59 | 18 10 | 2 34 | 11 15 | 0 51 | 0 41 | 8 25 | 11 50 | 6 9 | 17 45 | 0 48 | 21 28 | 0 35 | 21 19 | 0 10 | 7 49 | 1 34 | 20 49 | 7 42 | 12 44 | 13 12 | 9 32 | 11 46 | 7 30 | T 12 |
| W13 | 3 37 | 16 15 | 1 28 | 10 53 | 1 1 | 0 56 | 8 20 | 11 54 | 6 6 | 17 47 | 0 48 | 21 27 | 0 35 | 21 19 | 0 10 | 7 50 | 1 34 | 20 48 | 7 43 | 12 44 | 13 13 | 9 34 | 11 47 | 7 30 | W13 |
| T 14 | 3 14 | 13 33 | 0 19 | 10 29 | 1 11 | 1 12 | 8 14 | 11 57 | 6 3 | 17 50 | 0 48 | 21 27 | 0 35 | 21 19 | 0 10 | 7 51 | 1 34 | 20 48 | 7 43 | 12 44 | 13 14 | 9 35 | 11 48 | 7 29 | T 14 |
| F 15 | 2 51 | 10 15 | 0s50 | 10 1 | 1 19 | 1 27 | 8 8 | 11 59 | 6 0 | 17 52 | 0 48 | 21 26 | 0 35 | 21 18 | 0 10 | 7 51 | 1 34 | 20 47 | 7 43 | 12 44 | 13 15 | 9 37 | 11 49 | 7 29 | F 15 |
| S 16 | 2 28 | 6 33 | 1 56 | 9 30 | 1 26 | 1 43 | 8 1 | 12 2 | 5 56 | 17 55 | 0 47 | 21 25 | 0 35 | 21 18 | 0 10 | 7 52 | 1 34 | 20 47 | 7 43 | 12 44 | 13 16 | 9 39 | 11 50 | 7 28 | S 16 |
| S 17 | 2 5 | 2 37 | 2 55 | 8 57 | 1 32 | 1 58 | 7 53 | 12 4 | 5 53 | 17 57 | 0 47 | 21 25 | 0 35 | 21 18 | 0 10 | 7 53 | 1 34 | 20 47 | 7 43 | 12 45 | 13 17 | 9 41 | 11 51 | 7 28 | S 17 |
| M18 | 1 42 | 1n23 | 3 45 | 8 22 | 1 38 | 2 13 | 7 45 | 12 6 | 5 49 | 18 0 | 0 47 | 21 24 | 0 34 | 21 18 | 0 10 | 7 54 | 1 34 | 20 46 | 7 43 | 12 47 | 13 18 | 9 43 | 11 51 | 7 28 | M18 |
| T 19 | 1 19 | 5 16 | 4 25 | 7 44 | 1 42 | 2 27 | 7 36 | 12 7 | 5 45 | 18 2 | 0 47 | 21 23 | 0 34 | 21 18 | 0 10 | 7 54 | 1 34 | 20 46 | 7 44 | 12 49 | 13 19 | 9 45 | 11 52 | 7 27 | T 19 |
| W20 | 0 55 | 8 56 | 4 53 | 7 5 | 1 45 | 2 41 | 7 27 | 12 9 | 5 41 | 18 5 | 0 47 | 21 23 | 0 34 | 21 18 | 0 10 | 7 55 | 1 34 | 20 46 | 7 44 | 12 50 | 13 20 | 9 47 | 11 53 | 7 27 | W20 |
| T 21 | 0 32 | 12 13 | 5 9 | 6 24 | 1 47 | 2 55 | 7 18 | 12 9 | 5 37 | 18 7 | 0 47 | 21 22 | 0 34 | 21 18 | 0 10 | 7 56 | 1 34 | 20 45 | 7 44 | 12 52 | 13 21 | 9 48 | 11 54 | 7 26 | T 21 |
| F 22 | 0 9 | 15 1 | 5 11 | 5 42 | 1 49 | 3 8 | 7 8 | 12 10 | 5 33 | 18 10 | 0 46 | 21 22 | 0 34 | 21 18 | 0 10 | 7 57 | 1 34 | 20 45 | 7 44 | 12 54 | 13 23 | 9 50 | 11 55 | 7 26 | F 22 |
| S 23 | 0s14 | 17 12 | 4 59 | 4 58 | 1 49 | 3 20 | 6 58 | 12 10 | 5 29 | 18 13 | 0 46 | 21 21 | 0 34 | 21 18 | 0 10 | 7 57 | 1 34 | 20 45 | 7 44 | 12 55 | 13 24 | 9 52 | 11 56 | 7 25 | S 23 |
| S 24 | 0 37 | 18 40 | 4 35 | 4 13 | 1 49 | 3 32 | 6 47 | 12 10 | 5 25 | 18 15 | 0 46 | 21 20 | 0 34 | 21 18 | 0 10 | 7 58 | 1 34 | 20 44 | 7 45 | 12 55 | 13 25 | 9 54 | 11 56 | 7 24 | S 24 |
| M25 | 1 1 | 19 17 | 3 57 | 3 28 | 1 48 | 3 43 | 6 37 | 12 10 | 5 20 | 18 18 | 0 46 | 21 20 | 0 34 | 21 18 | 0 10 | 7 59 | 1 34 | 20 44 | 7 45 | 12 56 | 13 26 | 9 56 | 11 57 | 7 24 | M25 |
| T 26 | 1 24 | 18 59 | 3 8 | 2 42 | 1 47 | 3 54 | 6 26 | 12 9 | 5 16 | 18 20 | 0 46 | 21 19 | 0 34 | 21 18 | 0 10 | 8 0 | 1 34 | 20 44 | 7 45 | 12 55 | 13 27 | 9 58 | 11 58 | 7 23 | T 26 |
| W27 | 1 47 | 17 40 | 2 7 | 1 56 | 1 45 | 4 3 | 6 15 | 12 8 | 5 11 | 18 23 | 0 45 | 21 19 | 0 34 | 21 18 | 0 10 | 8 1 | 1 34 | 20 43 | 7 45 | 12 55 | 13 28 | 10 0 | 11 59 | 7 23 | W27 |
| T 28 | 2 10 | 15 22 | 0 58 | 1 9 | 1 42 | 4 12 | 6 4 | 12 7 | 5 7 | 18 26 | 0 45 | 21 18 | 0 34 | 21 17 | 0 10 | 8 1 | 1 34 | 20 43 | 7 45 | 12 54 | 13 29 | 10 2 | 11 59 | 7 22 | T 28 |
| F 29 | 2 33 | 12 8 | 0n16 | 0 22 | 1 39 | 4 21 | 5 52 | 12 5 | 5 2 | 18 28 | 0 45 | 21 18 | 0 34 | 21 17 | 0 10 | 8 2 | 1 34 | 20 43 | 7 46 | 12 54 | 13 30 | 10 3 | 12 0 | 7 22 | F 29 |
| S 30 | 2s56 | 8n 4 | 1n32 | 0s25 | 1n35 | 4n28 | 5s41 | 12s 3 | 4s57 | 18s31 | 0n45 | 21n17 | 0s34 | 21n17 | 0s10 | 8s 3 | 1n34 | 20n42 | 7n46 | 12n55 | 13n31 | 10n 5 | 12s 1 | 7n21 | S 30 |

Julian Day Number = 2614321.5, Delta T = 10m57s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'17, Lahiri = 30°05'18


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## OCTOBER 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 41 4 | 8♎24'37 | 27♍40 | 6♎35 | 4♍51 | 10°R49 | 26♏21 | 20♋21 | 7°R 7 | 24♎37 | 24♌18 | 25°R41 | 23♌52 | 10♉19 | 4°R 9 | S 1 |
| M 2 | 0 45 1 | 9°23'24 | 12♎37 | 8°24 | 5° 4 | 10♓45 | 26°32 | 20°25 | 7♊ 6 | 24°39 | 24°19 | 25♌36 | 23°49 | 10°25 | 4♒ 8 | M 2 |
| T 3 | 0 48 57 | 10°22'13 | 27°44 | 10°12 | 5°18 | 10°41 | 26°42 | 20°28 | 7° 5 | 24°41 | 24°21 | 25°30 | 23°46 | 10°32 | 4° 7 | T 3 |
| W 4 | 0 52 54 | 11°21'04 | 12♏51 | 12° 0 | 5°35 | 10°38 | 26°53 | 20°31 | 7° 4 | 24°43 | 24°22 | 25°23 | 23°42 | 10°39 | 4° 7 | W 4 |
| T 5 | 0 56 50 | 12°19'57 | 27°48 | 13°46 | 5°54 | 10°36 | 27° 5 | 20°34 | 7° 3 | 24°46 | 24°23 | 25°16 | 23°39 | 10°45 | 4° 6 | T 5 |
| F 6 | 1 0 47 | 13°18'52 | 12♐27 | 15°32 | 6°14 | 10°35 | 27°16 | 20°37 | 7° 2 | 24°48 | 24°25 | 25°11 | 23°36 | 10°52 | 4° 6 | F 6 |
| S 7 | 1 4 43 | 14°17'49 | 26°43 | 17°17 | 6°36 | 10°D35 | 27°27 | 20°40 | 7° 1 | 24°50 | 24°26 | 25° 7 | 23°33 | 10°59 | 4° 5 | S 7 |
| S 8 | 1 8 40 | 15°16'47 | 10♑35 | 19° 1 | 7° 0 | 10°35 | 27°38 | 20°43 | 6°59 | 24°52 | 24°27 | 25°D 6 | 23°30 | 11° 6 | 4° 5 | S 8 |
| M 9 | 1 12 36 | 16°15'47 | 24° 3 | 20°44 | 7°26 | 10°37 | 27°50 | 20°46 | 6°58 | 24°54 | 24°28 | 25° 6 | 23°26 | 11°12 | 4° 5 | M 9 |
| T 10 | 1 16 33 | 17°14'49 | 7♒ 9 | 22°27 | 7°53 | 10°39 | 28° 1 | 20°48 | 6°57 | 24°57 | 24°30 | 25° 7 | 23°23 | 11°19 | 4° 5 | T 10 |
| W11 | 1 20 30 | 18°13'52 | 19°56 | 24° 8 | 8°22 | 10°42 | 28°13 | 20°51 | 6°55 | 24°59 | 24°31 | 25°R 8 | 23°20 | 11°26 | 4°D 5 | W11 |
| T 12 | 1 24 26 | 19°12'57 | 2♓28 | 25°49 | 8°53 | 10°45 | 28°24 | 20°53 | 6°54 | 25° 1 | 24°32 | 25° 8 | 23°17 | 11°32 | 4° 5 | T 12 |
| F 13 | 1 28 23 | 20°12'04 | 14°48 | 27°28 | 9°25 | 10°50 | 28°36 | 20°55 | 6°52 | 25° 3 | 24°33 | 25° 6 | 23°14 | 11°39 | 4° 5 | F 13 |
| S 14 | 1 32 19 | 21°11'13 | 26°59 | 29° 7 | 9°58 | 10°55 | 28°48 | 20°57 | 6°51 | 25° 6 | 24°34 | 25° 1 | 23°11 | 11°46 | 4° 5 | S 14 |
| S 15 | 1 36 16 | 22°10'24 | 9♈ 3 | 0♏46 | 10°33 | 11° 1 | 29° 0 | 20°59 | 6°49 | 25° 8 | 24°36 | 24°54 | 23° 7 | 11°53 | 4° 6 | S 15 |
| M16 | 1 40 12 | 23° 9'36 | 21° 1 | 2°23 | 11° 9 | 11° 8 | 29°11 | 21° 1 | 6°48 | 25°10 | 24°37 | 24°45 | 23° 4 | 11°59 | 4° 6 | M16 |
| T 17 | 1 44 9 | 24° 8'51 | 2♉56 | 4° 0 | 11°47 | 11°15 | 29°23 | 21° 3 | 6°46 | 25°12 | 24°38 | 24°34 | 23° 1 | 12° 6 | 4° 6 | T 17 |
| W18 | 1 48 5 | 25° 8'08 | 14°49 | 5°36 | 12°25 | 11°23 | 29°35 | 21° 5 | 6°44 | 25°14 | 24°39 | 24°22 | 22°58 | 12°13 | 4° 7 | W18 |
| T 19 | 1 52 2 | 26° 7'26 | 26°41 | 7°11 | 13° 5 | 11°32 | 29°47 | 21° 7 | 6°43 | 25°17 | 24°40 | 24°10 | 22°55 | 12°20 | 4° 8 | T 19 |
| F 20 | 1 55 58 | 27° 6'48 | 8♊34 | 8°45 | 13°46 | 11°42 | 29°59 | 21° 8 | 6°41 | 25°19 | 24°41 | 24° 0 | 22°52 | 12°26 | 4° 8 | F 20 |
| S 21 | 1 59 55 | 28° 6'11 | 20°31 | 10°19 | 14°29 | 11°52 | 0♐12 | 21°10 | 6°39 | 25°21 | 24°42 | 23°52 | 22°48 | 12°33 | 4° 9 | S 21 |
| S 22 | 2 3 52 | 29° 5'36 | 2♋34 | 11°52 | 15°12 | 12° 4 | 0°24 | 21°11 | 6°37 | 25°23 | 24°43 | 23°46 | 22°45 | 12°40 | 4°10 | S 22 |
| M23 | 2 7 48 | 0♏ 5'04 | 14°48 | 13°25 | 15°56 | 12°15 | 0°36 | 21°12 | 6°36 | 25°26 | 24°44 | 23°42 | 22°42 | 12°46 | 4°11 | M23 |
| T 24 | 2 11 45 | 1° 4'34 | 27°17 | 14°57 | 16°41 | 12°28 | 0°49 | 21°13 | 6°34 | 25°28 | 24°45 | 23°D41 | 22°39 | 12°53 | 4°12 | T 24 |
| W25 | 2 15 41 | 2° 4'07 | 10♌ 6 | 16°28 | 17°28 | 12°41 | 1° 1 | 21°14 | 6°32 | 25°30 | 24°46 | 23°41 | 22°36 | 13° 0 | 4°13 | W25 |
| T 26 | 2 19 38 | 3° 3'41 | 23°19 | 17°58 | 18°15 | 12°54 | 1°13 | 21°15 | 6°30 | 25°32 | 24°46 | 23°R42 | 22°32 | 13° 7 | 4°14 | T 26 |
| F 27 | 2 23 34 | 4° 3'18 | 6♍59 | 19°28 | 19° 3 | 13° 9 | 1°26 | 21°16 | 6°28 | 25°35 | 24°47 | 23°41 | 22°29 | 13°13 | 4°15 | F 27 |
| S 28 | 2 27 31 | 5° 2'57 | 21° 8 | 20°57 | 19°52 | 13°24 | 1°38 | 21°16 | 6°26 | 25°37 | 24°48 | 23°38 | 22°26 | 13°20 | 4°16 | S 28 |
| S 29 | 2 31 27 | 6° 2'39 | 5♎46 | 22°26 | 20°42 | 13°39 | 1°51 | 21°17 | 6°24 | 25°39 | 24°49 | 23°33 | 22°23 | 13°27 | 4°18 | S 29 |
| M30 | 2 35 24 | 7° 2'22 | 20°47 | 23°54 | 21°32 | 13°56 | 2° 4 | 21°17 | 6°22 | 25°41 | 24°50 | 23°25 | 22°20 | 13°33 | 4°19 | M30 |
| T 31 | 2 39 21 | 8♏ 2'07 | 6♏ 3 | 25♏21 | 22♍23 | 14♓12 | 2♐16 | 21♋18 | 6♊20 | 25♎43 | 24♌50 | 23♌15 | 22♌17 | 13♉40 | 4♒20 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s20 | 3n26 | 2n44 | 1s12 | 1n31 | 4n35 | 5s30 | 12s 0 | 4s53 | 18s34 | 0n45 | 21n17 | 0s34 | 21n17 | 0s10 | 8s 4 | 1n33 | 20n42 | 7n46 | 12n56 | 13n32 | 10n 7 | 12s 2 | 7n21 |
| M 2 | 3 43 | 1s30 | 3 46 | 2 0 | 1 27 | 4 41 | 5 18 | 11 57 | 4 48 | 18 36 | 0 45 | 21 16 | 0 34 | 21 17 | 0 10 | 8 5 | 1 33 | 20 42 | 7 46 | 12 57 | 13 33 | 10 9 | 12 2 | 7 20 |
| T 3 | 4 6 | 6 24 | 4 33 | 2 46 | 1 22 | 4 47 | 5 7 | 11 54 | 4 43 | 18 39 | 0 45 | 21 16 | 0 34 | 21 17 | 0 10 | 8 5 | 1 33 | 20 42 | 7 47 | 12 59 | 13 34 | 10 11 | 12 3 | 7 20 |
| W 4 | 4 29 | 10 53 | 5 1 | 3 33 | 1 17 | 4 51 | 4 56 | 11 51 | 4 38 | 18 42 | 0 44 | 21 15 | 0 34 | 21 17 | 0 10 | 8 6 | 1 33 | 20 41 | 7 47 | 13 2 | 13 35 | 10 13 | 12 4 | 7 19 |
| T 5 | 4 52 | 14 37 | 5 8 | 4 19 | 1 12 | 4 55 | 4 44 | 11 47 | 4 33 | 18 44 | 0 44 | 21 15 | 0 34 | 21 16 | 0 10 | 8 7 | 1 33 | 20 41 | 7 47 | 13 4 | 13 36 | 10 15 | 12 4 | 7 19 |
| F 6 | 5 15 | 17 22 | 4 54 | 5 5 | 1 6 | 4 58 | 4 33 | 11 43 | 4 28 | 18 47 | 0 44 | 21 15 | 0 34 | 21 16 | 0 10 | 8 8 | 1 33 | 20 41 | 7 47 | 13 6 | 13 37 | 10 16 | 12 5 | 7 18 |
| S 7 | 5 37 | 18 58 | 4 23 | 5 51 | 1 0 | 5 0 | 4 22 | 11 39 | 4 24 | 18 50 | 0 44 | 21 14 | 0 34 | 21 16 | 0 10 | 8 9 | 1 33 | 20 41 | 7 47 | 13 7 | 13 38 | 10 18 | 12 6 | 7 17 |
| S 8 | 6 0 | 19 22 | 3 36 | 6 36 | 0 54 | 5 2 | 4 11 | 11 34 | 4 19 | 18 52 | 0 44 | 21 14 | 0 34 | 21 16 | 0 10 | 8 9 | 1 33 | 20 40 | 7 48 | 13 7 | 13 39 | 10 20 | 12 6 | 7 17 |
| M 9 | 6 23 | 18 38 | 2 39 | 7 20 | 0 48 | 5 2 | 4 0 | 11 29 | 4 14 | 18 55 | 0 44 | 21 13 | 0 34 | 21 16 | 0 10 | 8 10 | 1 33 | 20 40 | 7 48 | 13 7 | 13 40 | 10 22 | 12 7 | 7 16 |
| T 10 | 6 45 | 16 54 | 1 35 | 8 4 | 0 41 | 5 2 | 3 49 | 11 24 | 4 9 | 18 58 | 0 44 | 21 13 | 0 34 | 21 15 | 0 10 | 8 11 | 1 33 | 20 40 | 7 48 | 13 7 | 13 41 | 10 24 | 12 7 | 7 16 |
| W11 | 7 8 | 14 21 | 0 28 | 8 48 | 0 35 | 5 2 | 3 38 | 11 18 | 4 4 | 19 0 | 0 43 | 21 13 | 0 34 | 21 15 | 0 10 | 8 12 | 1 33 | 20 40 | 7 48 | 13 7 | 13 42 | 10 26 | 12 8 | 7 15 |
| T 12 | 7 30 | 11 11 | 0s39 | 9 31 | 0 28 | 5 0 | 3 28 | 11 12 | 3 59 | 19 3 | 0 43 | 21 12 | 0 34 | 21 15 | 0 10 | 8 13 | 1 33 | 20 40 | 7 49 | 13 7 | 13 43 | 10 28 | 12 8 | 7 15 |
| F 13 | 7 53 | 7 34 | 1 43 | 10 13 | 0 22 | 4 58 | 3 17 | 11 6 | 3 54 | 19 6 | 0 43 | 21 12 | 0 34 | 21 15 | 0 10 | 8 13 | 1 33 | 20 40 | 7 49 | 13 7 | 13 44 | 10 29 | 12 9 | 7 14 |
| S 14 | 8 15 | 3 41 | 2 42 | 10 54 | 0 15 | 4 55 | 3 7 | 11 0 | 3 50 | 19 9 | 0 43 | 21 12 | 0 34 | 21 14 | 0 10 | 8 14 | 1 33 | 20 39 | 7 49 | 13 9 | 13 46 | 10 31 | 12 9 | 7 13 |
| S 15 | 8 37 | 0n19 | 3 32 | 11 35 | 0 8 | 4 52 | 2 57 | 10 53 | 3 45 | 19 11 | 0 43 | 21 12 | 0 34 | 21 14 | 0 10 | 8 15 | 1 33 | 20 39 | 7 49 | 13 11 | 13 47 | 10 33 | 12 10 | 7 13 |
| M16 | 8 59 | 4 16 | 4 13 | 12 15 | 0 1 | 4 47 | 2 47 | 10 46 | 3 40 | 19 14 | 0 43 | 21 11 | 0 34 | 21 14 | 0 10 | 8 16 | 1 33 | 20 39 | 7 50 | 13 14 | 13 48 | 10 35 | 12 10 | 7 12 |
| T 17 | 9 21 | 8 2 | 4 42 | 12 55 | 0s 6 | 4 42 | 2 37 | 10 39 | 3 35 | 19 17 | 0 43 | 21 11 | 0 34 | 21 14 | 0 10 | 8 17 | 1 33 | 20 39 | 7 50 | 13 18 | 13 49 | 10 37 | 12 11 | 7 12 |
| W18 | 9 42 | 11 28 | 4 59 | 13 33 | 0 13 | 4 37 | 2 27 | 10 31 | 3 31 | 19 19 | 0 42 | 21 11 | 0 33 | 21 13 | 0 10 | 8 17 | 1 33 | 20 39 | 7 50 | 13 22 | 13 50 | 10 39 | 12 11 | 7 11 |
| T 19 | 10 4 | 14 27 | 5 3 | 14 11 | 0 20 | 4 31 | 2 17 | 10 24 | 3 26 | 19 22 | 0 42 | 21 11 | 0 33 | 21 13 | 0 10 | 8 18 | 1 33 | 20 39 | 7 50 | 13 26 | 13 51 | 10 40 | 12 12 | 7 11 |
| F 20 | 10 25 | 16 51 | 4 53 | 14 49 | 0 27 | 4 24 | 2 8 | 10 16 | 3 21 | 19 25 | 0 42 | 21 10 | 0 33 | 21 13 | 0 10 | 8 19 | 1 33 | 20 39 | 7 51 | 13 29 | 13 52 | 10 42 | 12 12 | 7 10 |
| S 21 | 10 46 | 18 32 | 4 31 | 15 25 | 0 34 | 4 16 | 1 59 | 10 8 | 3 17 | 19 27 | 0 42 | 21 10 | 0 33 | 21 12 | 0 10 | 8 20 | 1 33 | 20 39 | 7 51 | 13 32 | 13 53 | 10 44 | 12 12 | 7 10 |
| S 22 | 11 7 | 19 24 | 3 57 | 16 0 | 0 41 | 4 8 | 1 50 | 9 59 | 3 12 | 19 30 | 0 42 | 21 10 | 0 33 | 21 12 | 0 10 | 8 21 | 1 33 | 20 38 | 7 51 | 13 34 | 13 54 | 10 46 | 12 13 | 7 9 |
| M23 | 11 28 | 19 23 | 3 11 | 16 35 | 0 48 | 3 59 | 1 41 | 9 50 | 3 8 | 19 33 | 0 42 | 21 10 | 0 33 | 21 12 | 0 10 | 8 21 | 1 33 | 20 38 | 7 52 | 13 35 | 13 55 | 10 48 | 12 13 | 7 8 |
| T 24 | 11 49 | 18 26 | 2 16 | 17 9 | 0 54 | 3 50 | 1 32 | 9 42 | 3 4 | 19 35 | 0 42 | 21 10 | 0 33 | 21 11 | 0 10 | 8 22 | 1 33 | 20 38 | 7 52 | 13 36 | 13 56 | 10 50 | 12 14 | 7 8 |
| W25 | 12 10 | 16 31 | 1 12 | 17 42 | 1 1 | 3 40 | 1 23 | 9 33 | 2 59 | 19 38 | 0 42 | 21 10 | 0 33 | 21 11 | 0 10 | 8 23 | 1 34 | 20 38 | 7 52 | 13 35 | 13 57 | 10 51 | 12 14 | 7 7 |
| T 26 | 12 30 | 13 41 | 0 2 | 18 14 | 1 8 | 3 29 | 1 15 | 9 23 | 2 55 | 19 41 | 0 41 | 21 10 | 0 33 | 21 11 | 0 10 | 8 24 | 1 34 | 20 38 | 7 52 | 13 35 | 13 58 | 10 53 | 12 14 | 7 7 |
| F 27 | 12 50 | 10 1 | 1n10 | 18 45 | 1 14 | 3 18 | 1 6 | 9 14 | 2 51 | 19 43 | 0 41 | 21 9 | 0 33 | 21 11 | 0 10 | 8 25 | 1 34 | 20 38 | 7 53 | 13 36 | 13 59 | 10 55 | 12 14 | 7 6 |
| S 28 | 13 10 | 5 39 | 2 20 | 19 15 | 1 21 | 3 7 | 0 58 | 9 4 | 2 46 | 19 46 | 0 41 | 21 9 | 0 33 | 21 10 | 0 10 | 8 25 | 1 34 | 20 38 | 7 53 | 13 36 | 14 0 | 10 57 | 12 15 | 7 6 |
| S 29 | 13 30 | 0 50 | 3 23 | 19 44 | 1 27 | 2 55 | 0 50 | 8 54 | 2 42 | 19 49 | 0 41 | 21 9 | 0 33 | 21 10 | 0 10 | 8 26 | 1 34 | 20 38 | 7 53 | 13 38 | 14 1 | 10 59 | 12 15 | 7 5 |
| M30 | 13 50 | 4s10 | 4 14 | 20 12 | 1 33 | 2 42 | 0 42 | 8 44 | 2 38 | 19 51 | 0 41 | 21 9 | 0 33 | 21 9 | 0 10 | 8 27 | 1 34 | 20 38 | 7 53 | 13 41 | 14 2 | 11 1 | 12 15 | 7 4 |
| T 31 | 14s 9 | 8s58 | 4n48 | 20s40 | 1s39 | 2n29 | 0s35 | 8s34 | 2s34 | 19s54 | 0n41 | 21n 9 | 0s33 | 21n 9 | 0s10 | 8s28 | 1n34 | 20n38 | 7n54 | 13n44 | 14n 3 | 11n 2 | 12s15 | 7n 4 |

Julian Day Number = 2614351.5, Delta T = 10m57s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'21, Lahiri = 30°05'22


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## NOVEMBER 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 2 43 17 | 9♏ 1'55 | 21♏24 | 26♏48 | 23♍15 | 14♓30 | 2♐29 | 21♋18 | 6°R18 | 25♎46 | 24♌51 | 23°R 4 | 22♌13 | 13♉47 | 4♒22 | W 1 |
| T 2 | 2 47 14 | 10° 1'45 | 6♐38 | 28°14 | 24° 8 | 14°48 | 2°42 | 21°R18 | 6♊15 | 25°48 | 24°52 | 22♌53 | 22°10 | 13°54 | 4°24 | T 2 |
| F 3 | 2 51 10 | 11° 1'36 | 21°33 | 29°39 | 25° 2 | 15° 6 | 2°55 | 21°18 | 6°13 | 25°50 | 24°52 | 22°44 | 22° 7 | 14° 0 | 4°25 | F 3 |
| S 4 | 2 55 7 | 12° 1'29 | 6♑ 4 | 1♐ 4 | 25°56 | 15°25 | 3° 7 | 21°18 | 6°11 | 25°52 | 24°53 | 22°38 | 22° 4 | 14° 7 | 4°27 | S 4 |
| S 5 | 2 59 3 | 13° 1'24 | 20° 5 | 2°27 | 26°50 | 15°45 | 3°20 | 21°17 | 6° 9 | 25°54 | 24°54 | 22°34 | 22° 1 | 14°14 | 4°29 | S 5 |
| M 6 | 3 3 0 | 14° 1'20 | 3♒38 | 3°50 | 27°46 | 16° 5 | 3°33 | 21°17 | 6° 6 | 25°56 | 24°54 | 22°32 | 21°58 | 14°21 | 4°31 | M 6 |
| T 7 | 3 6 56 | 15° 1'18 | 16°44 | 5°12 | 28°42 | 16°26 | 3°46 | 21°17 | 6° 4 | 25°59 | 24°55 | 22°32 | 21°54 | 14°27 | 4°33 | T 7 |
| W 8 | 3 10 53 | 16° 1'17 | 29°27 | 6°33 | 29°38 | 16°47 | 3°59 | 21°16 | 6° 2 | 26° 1 | 24°55 | 22°32 | 21°51 | 14°34 | 4°35 | W 8 |
| T 9 | 3 14 50 | 17° 1'18 | 11♓52 | 7°53 | 0♎35 | 17° 9 | 4°12 | 21°15 | 6° 0 | 26° 3 | 24°56 | 22°31 | 21°48 | 14°41 | 4°37 | T 9 |
| F 10 | 3 18 46 | 18° 1'21 | 24° 4 | 9°12 | 1°33 | 17°31 | 4°25 | 21°14 | 5°57 | 26° 5 | 24°56 | 22°28 | 21°45 | 14°47 | 4°39 | F 10 |
| S 11 | 3 22 43 | 19° 1'25 | 6♈ 6 | 10°30 | 2°31 | 17°53 | 4°38 | 21°14 | 5°55 | 26° 7 | 24°57 | 22°22 | 21°42 | 14°54 | 4°42 | S 11 |
| S 12 | 3 26 39 | 20° 1'31 | 18° 2 | 11°46 | 3°29 | 18°16 | 4°51 | 21°13 | 5°53 | 26° 9 | 24°57 | 22°13 | 21°38 | 15° 1 | 4°44 | S 12 |
| M13 | 3 30 36 | 21° 1'38 | 29°55 | 13° 0 | 4°28 | 18°40 | 5° 4 | 21°11 | 5°50 | 26°11 | 24°57 | 22° 1 | 21°35 | 15° 8 | 4°46 | M13 |
| T 14 | 3 34 32 | 22° 1'47 | 11♉48 | 14°13 | 5°28 | 19° 3 | 5°17 | 21°10 | 5°48 | 26°13 | 24°58 | 21°47 | 21°32 | 15°14 | 4°49 | T 14 |
| W15 | 3 38 29 | 23° 1'58 | 23°41 | 15°25 | 6°28 | 19°28 | 5°31 | 21° 9 | 5°45 | 26°15 | 24°58 | 21°32 | 21°29 | 15°21 | 4°51 | W15 |
| T 16 | 3 42 25 | 24° 2'11 | 5♊36 | 16°34 | 7°28 | 19°52 | 5°44 | 21° 7 | 5°43 | 26°17 | 24°58 | 21°17 | 21°26 | 15°28 | 4°54 | T 16 |
| F 17 | 3 46 22 | 25° 2'26 | 17°33 | 17°40 | 8°29 | 20°17 | 5°57 | 21° 6 | 5°40 | 26°19 | 24°59 | 21° 4 | 21°23 | 15°34 | 4°57 | F 17 |
| S 18 | 3 50 19 | 26° 2'42 | 29°36 | 18°44 | 9°31 | 20°43 | 6°10 | 21° 4 | 5°38 | 26°21 | 24°59 | 20°53 | 21°19 | 15°41 | 4°59 | S 18 |
| S 19 | 3 54 15 | 27° 3'00 | 11♋45 | 19°46 | 10°32 | 21° 9 | 6°24 | 21° 2 | 5°35 | 26°23 | 24°59 | 20°45 | 21°16 | 15°48 | 5° 2 | S 19 |
| M20 | 3 58 12 | 28° 3'20 | 24° 3 | 20°43 | 11°34 | 21°35 | 6°37 | 21° 0 | 5°33 | 26°25 | 24°59 | 20°40 | 21°13 | 15°55 | 5° 5 | M20 |
| T 21 | 4 2 8 | 29° 3'42 | 6♌33 | 21°38 | 12°37 | 22° 1 | 6°50 | 20°58 | 5°31 | 26°27 | 24°59 | 20°37 | 21°10 | 16° 1 | 5° 8 | T 21 |
| W22 | 4 6 5 | 0♐ 4'06 | 19°20 | 22°27 | 13°40 | 22°28 | 7° 3 | 20°56 | 5°28 | 26°29 | 25° 0 | 20°D37 | 21° 7 | 16° 8 | 5°11 | W22 |
| T 23 | 4 10 1 | 1° 4'32 | 2♍27 | 23°13 | 14°43 | 22°55 | 7°17 | 20°54 | 5°26 | 26°31 | 25° 0 | 20°R37 | 21° 3 | 16°15 | 5°14 | T 23 |
| F 24 | 4 13 58 | 2° 4'59 | 15°57 | 23°52 | 15°47 | 23°23 | 7°30 | 20°52 | 5°23 | 26°33 | 25° 0 | 20°36 | 21° 0 | 16°22 | 5°17 | F 24 |
| S 25 | 4 17 54 | 3° 5'29 | 29°54 | 24°26 | 16°51 | 23°51 | 7°43 | 20°49 | 5°21 | 26°35 | 25° 0 | 20°34 | 20°57 | 16°28 | 5°20 | S 25 |
| S 26 | 4 21 51 | 4° 6'00 | 14♎18 | 24°53 | 17°55 | 24°19 | 7°57 | 20°47 | 5°18 | 26°37 | 25°R 0 | 20°29 | 20°54 | 16°35 | 5°23 | S 26 |
| M27 | 4 25 48 | 5° 6'33 | 29° 7 | 25°13 | 18°59 | 24°47 | 8°10 | 20°44 | 5°15 | 26°39 | 25° 0 | 20°21 | 20°51 | 16°42 | 5°27 | M27 |
| T 28 | 4 29 44 | 6° 7'08 | 14♏14 | 25°25 | 20° 4 | 25°16 | 8°23 | 20°41 | 5°13 | 26°41 | 25° 0 | 20°12 | 20°48 | 16°48 | 5°30 | T 28 |
| W29 | 4 33 41 | 7° 7'44 | 29°30 | 25°R27 | 21° 9 | 25°45 | 8°37 | 20°38 | 5°10 | 26°42 | 25° 0 | 20° 1 | 20°44 | 16°55 | 5°33 | W29 |
| T 30 | 4 37 37 | 8♐ 8'22 | 14♐44 | 25♐20 | 22♎15 | 26♓14 | 8♐50 | 20♋36 | 5♊ 8 | 26♎44 | 24♌59 | 19♌50 | 20♌41 | 17♉ 2 | 5♒37 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 14s28 | 13s13 | 5n 1 | 21s 6 | 1s45 | 2n15 | 0s27 | 8s24 | 2s30 | 19s56 | 0n41 | 21n 9 | 0s33 | 21n 9 | 0s10 | 8s29 | 1n34 | 20n38 | 7n54 | 13n48 | 14n 4 | 11n 4 | 12s16 | 7n 3 |
| T 2 | 14 47 | 16 33 | 4 53 | 21 31 | 1 51 | 2 1 | 0 20 | 8 13 | 2 26 | 19 59 | 0 41 | 21 9 | 0 33 | 21 8 | 0 10 | 8 29 | 1 34 | 20 38 | 7 54 | 13 51 | 14 5 | 11 6 | 12 16 | 7 3 |
| F 3 | 15 6 | 18 43 | 4 24 | 21 55 | 1 56 | 1 46 | 0 13 | 8 2 | 2 22 | 20 2 | 0 41 | 21 9 | 0 33 | 21 8 | 0 10 | 8 30 | 1 34 | 20 38 | 7 55 | 13 54 | 14 6 | 11 8 | 12 16 | 7 2 |
| S 4 | 15 24 | 19 35 | 3 39 | 22 18 | 2 2 | 1 31 | 0 6 | 7 51 | 2 18 | 20 4 | 0 40 | 21 9 | 0 33 | 21 8 | 0 10 | 8 31 | 1 34 | 20 38 | 7 55 | 13 56 | 14 7 | 11 10 | 12 16 | 7 2 |
| S 5 | 15 43 | 19 12 | 2 43 | 22 40 | 2 7 | 1 16 | 0n 1 | 7 40 | 2 14 | 20 7 | 0 40 | 21 10 | 0 33 | 21 7 | 0 10 | 8 32 | 1 34 | 20 38 | 7 55 | 13 57 | 14 8 | 11 12 | 12 16 | 7 1 |
| M 6 | 16 0 | 17 42 | 1 38 | 23 1 | 2 12 | 1 0 | 0 8 | 7 29 | 2 11 | 20 9 | 0 40 | 21 10 | 0 33 | 21 7 | 0 10 | 8 32 | 1 34 | 20 39 | 7 55 | 13 58 | 14 9 | 11 13 | 12 16 | 7 1 |
| T 7 | 16 18 | 15 18 | 0 31 | 23 21 | 2 16 | 0 44 | 0 14 | 7 17 | 2 7 | 20 12 | 0 40 | 21 10 | 0 33 | 21 7 | 0 10 | 8 33 | 1 34 | 20 39 | 7 56 | 13 58 | 14 10 | 11 15 | 12 16 | 7 0 |
| W 8 | 16 35 | 12 12 | 0s37 | 23 40 | 2 21 | 0 27 | 0 20 | 7 6 | 2 3 | 20 14 | 0 40 | 21 10 | 0 33 | 21 6 | 0 10 | 8 34 | 1 34 | 20 39 | 7 56 | 13 58 | 14 11 | 11 17 | 12 16 | 7 0 |
| T 9 | 16 53 | 8 38 | 1 40 | 23 57 | 2 25 | 0 10 | 0 27 | 6 54 | 2 0 | 20 17 | 0 40 | 21 10 | 0 33 | 21 6 | 0 10 | 8 35 | 1 34 | 20 39 | 7 56 | 13 58 | 14 12 | 11 19 | 12 16 | 6 59 |
| F 10 | 17 9 | 4 47 | 2 38 | 24 13 | 2 28 | 0s 7 | 0 33 | 6 42 | 1 56 | 20 19 | 0 40 | 21 10 | 0 33 | 21 5 | 0 10 | 8 35 | 1 34 | 20 39 | 7 57 | 14 0 | 14 13 | 11 21 | 12 16 | 6 58 |
| S 11 | 17 26 | 0 46 | 3 28 | 24 28 | 2 32 | 0 25 | 0 38 | 6 30 | 1 53 | 20 22 | 0 40 | 21 10 | 0 33 | 21 5 | 0 10 | 8 36 | 1 34 | 20 39 | 7 57 | 14 1 | 14 14 | 11 23 | 12 16 | 6 58 |
| S 12 | 17 42 | 3n13 | 4 8 | 24 42 | 2 35 | 0 43 | 0 44 | 6 18 | 1 49 | 20 24 | 0 40 | 21 11 | 0 33 | 21 5 | 0 10 | 8 37 | 1 34 | 20 39 | 7 57 | 14 4 | 14 15 | 11 24 | 12 16 | 6 57 |
| M13 | 17 58 | 7 5 | 4 38 | 24 54 | 2 37 | 1 1 | 0 50 | 6 6 | 1 46 | 20 27 | 0 40 | 21 11 | 0 32 | 21 4 | 0 10 | 8 38 | 1 34 | 20 39 | 7 58 | 14 8 | 14 16 | 11 26 | 12 16 | 6 57 |
| T 14 | 18 14 | 10 39 | 4 55 | 25 5 | 2 39 | 1 20 | 0 55 | 5 53 | 1 42 | 20 29 | 0 39 | 21 11 | 0 32 | 21 4 | 0 10 | 8 38 | 1 34 | 20 39 | 7 58 | 14 13 | 14 17 | 11 28 | 12 16 | 6 56 |
| W15 | 18 29 | 13 49 | 4 59 | 25 15 | 2 41 | 1 38 | 1 0 | 5 41 | 1 39 | 20 31 | 0 39 | 21 11 | 0 32 | 21 3 | 0 10 | 8 39 | 1 34 | 20 40 | 7 58 | 14 17 | 14 18 | 11 30 | 12 16 | 6 56 |
| T 16 | 18 44 | 16 25 | 4 50 | 25 23 | 2 42 | 1 58 | 1 5 | 5 28 | 1 36 | 20 34 | 0 39 | 21 12 | 0 32 | 21 3 | 0 10 | 8 40 | 1 34 | 20 40 | 7 58 | 14 22 | 14 19 | 11 32 | 12 16 | 6 55 |
| F 17 | 18 59 | 18 21 | 4 28 | 25 30 | 2 42 | 2 17 | 1 10 | 5 16 | 1 33 | 20 36 | 0 39 | 21 12 | 0 32 | 21 2 | 0 10 | 8 40 | 1 34 | 20 40 | 7 59 | 14 26 | 14 20 | 11 33 | 12 16 | 6 55 |
| S 18 | 19 13 | 19 28 | 3 55 | 25 36 | 2 42 | 2 37 | 1 15 | 5 3 | 1 30 | 20 39 | 0 39 | 21 12 | 0 32 | 21 2 | 0 10 | 8 41 | 1 34 | 20 40 | 7 59 | 14 30 | 14 21 | 11 35 | 12 16 | 6 54 |
| S 19 | 19 27 | 19 43 | 3 10 | 25 40 | 2 41 | 2 57 | 1 19 | 4 50 | 1 26 | 20 41 | 0 39 | 21 12 | 0 32 | 21 2 | 0 10 | 8 42 | 1 34 | 20 40 | 7 59 | 14 33 | 14 23 | 11 37 | 12 16 | 6 54 |
| M20 | 19 41 | 19 1 | 2 15 | 25 43 | 2 40 | 3 17 | 1 24 | 4 37 | 1 23 | 20 43 | 0 39 | 21 13 | 0 32 | 21 1 | 0 10 | 8 42 | 1 34 | 20 41 | 8 0 | 14 34 | 14 24 | 11 39 | 12 15 | 6 53 |
| T 21 | 19 54 | 17 24 | 1 14 | 25 44 | 2 38 | 3 37 | 1 28 | 4 23 | 1 20 | 20 46 | 0 39 | 21 13 | 0 32 | 21 1 | 0 10 | 8 43 | 1 34 | 20 41 | 8 0 | 14 35 | 14 25 | 11 41 | 12 15 | 6 53 |
| W22 | 20 7 | 14 53 | 0 7 | 25 44 | 2 34 | 3 58 | 1 32 | 4 10 | 1 18 | 20 48 | 0 39 | 21 14 | 0 32 | 21 0 | 0 10 | 8 44 | 1 34 | 20 41 | 8 0 | 14 35 | 14 26 | 11 43 | 12 15 | 6 52 |
| T 23 | 20 19 | 11 33 | 1n 2 | 25 42 | 2 30 | 4 19 | 1 36 | 3 57 | 1 15 | 20 50 | 0 39 | 21 14 | 0 32 | 21 0 | 0 9 | 8 44 | 1 34 | 20 41 | 8 0 | 14 35 | 14 27 | 11 44 | 12 15 | 6 52 |
| F 24 | 20 32 | 7 31 | 2 10 | 25 39 | 2 25 | 4 40 | 1 40 | 3 43 | 1 12 | 20 52 | 0 39 | 21 14 | 0 32 | 20 59 | 0 9 | 8 45 | 1 34 | 20 42 | 8 1 | 14 35 | 14 28 | 11 46 | 12 14 | 6 51 |
| S 25 | 20 43 | 2 58 | 3 12 | 25 34 | 2 19 | 5 1 | 1 43 | 3 30 | 1 9 | 20 55 | 0 38 | 21 15 | 0 32 | 20 59 | 0 9 | 8 46 | 1 34 | 20 42 | 8 1 | 14 36 | 14 29 | 11 48 | 12 14 | 6 51 |
| S 26 | 20 55 | 1s53 | 4 4 | 25 28 | 2 11 | 5 22 | 1 47 | 3 16 | 1 6 | 20 57 | 0 38 | 21 15 | 0 32 | 20 59 | 0 9 | 8 46 | 1 34 | 20 42 | 8 1 | 14 38 | 14 30 | 11 50 | 12 14 | 6 51 |
| M27 | 21 6 | 6 45 | 4 41 | 25 20 | 2 3 | 5 43 | 1 50 | 3 2 | 1 3 | 20 59 | 0 38 | 21 16 | 0 32 | 20 58 | 0 9 | 8 47 | 1 34 | 20 42 | 8 2 | 14 40 | 14 31 | 11 52 | 12 13 | 6 50 |
| T 28 | 21 16 | 11 18 | 5 0 | 25 10 | 1 52 | 6 5 | 1 53 | 2 48 | 1 1 | 21 1 | 0 38 | 21 16 | 0 32 | 20 58 | 0 9 | 8 48 | 1 34 | 20 43 | 8 2 | 14 43 | 14 32 | 11 53 | 12 13 | 6 50 |
| W29 | 21 27 | 15 9 | 4 57 | 24 59 | 1 41 | 6 26 | 1 56 | 2 35 | 0 58 | 21 3 | 0 38 | 21 17 | 0 32 | 20 57 | 0 9 | 8 48 | 1 34 | 20 43 | 8 2 | 14 46 | 14 33 | 11 55 | 12 13 | 6 49 |
| T 30 | 21s37 | 17s58 | 4n34 | 24s46 | 1s28 | 6s48 | 1n59 | 2s21 | 0s56 | 21s 5 | 0n38 | 21n17 | 0s32 | 20n57 | 0s 9 | 8s49 | 1n34 | 20n43 | 8n 3 | 14n50 | 14n34 | 11n57 | 12s12 | 6n49 |

Julian Day Number = 2614382.5, Delta T = 10m57s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'26, Lahiri = 30°05'26


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# ASTRODIENST EPHEMERIS for the year 2445
# geocentric

## DECEMBER 2445 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 4 41 34 | 9♐ 9'02 | 29♐45 | 25°R 3 | 23♎20 | 26♓44 | 9♐ 4 | 20°R33 | 5°R 5 | 26♎46 | 24°R59 | 19°R40 | 20♌38 | 17♉ 9 | 5♒40 | F 1 |
| S 2 | 4 45 30 | 10° 9'42 | 14♑24 | 24♐35 | 24°26 | 27°14 | 9°17 | 20♋29 | 5♊ 3 | 26°48 | 24♌59 | 19♌33 | 20°35 | 17°15 | 5°44 | S 2 |
| S 3 | 4 49 27 | 11°10'24 | 28°35 | 23°56 | 25°33 | 27°44 | 9°30 | 20°26 | 5° 0 | 26°49 | 24°59 | 19°29 | 20°32 | 17°22 | 5°48 | S 3 |
| M 4 | 4 53 23 | 12°11'07 | 12♒17 | 23° 7 | 26°39 | 28°14 | 9°44 | 20°23 | 4°58 | 26°51 | 24°59 | 19°27 | 20°29 | 17°29 | 5°51 | M 4 |
| T 5 | 4 57 20 | 13°11'51 | 25°29 | 22° 7 | 27°46 | 28°45 | 9°57 | 20°20 | 4°55 | 26°53 | 24°58 | 19°D27 | 20°25 | 17°36 | 5°55 | T 5 |
| W 6 | 5 1 17 | 14°12'35 | 8♓17 | 20°59 | 28°53 | 29°16 | 10°11 | 20°16 | 4°53 | 26°54 | 24°58 | 19°R28 | 20°22 | 17°42 | 5°59 | W 6 |
| T 7 | 5 5 13 | 15°13'21 | 20°44 | 19°44 | 29°59 | 29°47 | 10°24 | 20°13 | 4°51 | 26°56 | 24°58 | 19°28 | 20°19 | 17°49 | 6° 3 | T 7 |
| F 8 | 5 9 10 | 16°14'08 | 2♈55 | 18°23 | 1♏ 7 | 0♈18 | 10°37 | 20° 9 | 4°48 | 26°58 | 24°58 | 19°26 | 20°16 | 17°56 | 6° 7 | F 8 |
| S 9 | 5 13 6 | 17°14'55 | 14°55 | 17° 1 | 2°15 | 0°50 | 10°51 | 20° 5 | 4°46 | 26°59 | 24°57 | 19°22 | 20°13 | 18° 2 | 6°11 | S 9 |
| S 10 | 5 17 3 | 18°15'44 | 26°48 | 15°39 | 3°22 | 1°22 | 11° 4 | 20° 2 | 4°43 | 27° 1 | 24°57 | 19°16 | 20° 9 | 18° 9 | 6°14 | S 10 |
| M11 | 5 20 59 | 19°16'33 | 8♉39 | 14°20 | 4°30 | 1°54 | 11°17 | 19°58 | 4°41 | 27° 2 | 24°56 | 19° 7 | 20° 6 | 18°16 | 6°19 | M11 |
| T 12 | 5 24 56 | 20°17'24 | 20°32 | 13° 6 | 5°39 | 2°26 | 11°31 | 19°54 | 4°38 | 27° 4 | 24°56 | 18°56 | 20° 3 | 18°23 | 6°23 | T 12 |
| W13 | 5 28 52 | 21°18'15 | 2♊27 | 12° 1 | 6°47 | 2°58 | 11°44 | 19°50 | 4°36 | 27° 5 | 24°55 | 18°45 | 20° 0 | 18°29 | 6°27 | W13 |
| T 14 | 5 32 49 | 22°19'07 | 14°27 | 11° 6 | 7°56 | 3°31 | 11°57 | 19°46 | 4°34 | 27° 7 | 24°55 | 18°33 | 19°57 | 18°36 | 6°31 | T 14 |
| F 15 | 5 36 46 | 23°20'01 | 26°33 | 10°21 | 9° 4 | 4° 3 | 12°11 | 19°42 | 4°31 | 27° 8 | 24°54 | 18°23 | 19°54 | 18°43 | 6°35 | F 15 |
| S 16 | 5 40 42 | 24°20'55 | 8♋46 | 9°47 | 10°13 | 4°36 | 12°24 | 19°38 | 4°29 | 27°10 | 24°54 | 18°14 | 19°50 | 18°49 | 6°39 | S 16 |
| S 17 | 5 44 39 | 25°21'50 | 21° 8 | 9°25 | 11°22 | 5° 9 | 12°37 | 19°33 | 4°27 | 27°11 | 24°53 | 18° 8 | 19°47 | 18°56 | 6°44 | S 17 |
| M18 | 5 48 35 | 26°22'47 | 3♌39 | 9°13 | 12°32 | 5°43 | 12°50 | 19°29 | 4°24 | 27°12 | 24°53 | 18° 4 | 19°44 | 19° 3 | 6°48 | M18 |
| T 19 | 5 52 32 | 27°23'44 | 16°21 | 9°D13 | 13°41 | 6°16 | 13° 3 | 19°25 | 4°22 | 27°14 | 24°52 | 18°D 3 | 19°41 | 19°10 | 6°52 | T 19 |
| W20 | 5 56 28 | 28°24'42 | 29°16 | 9°22 | 14°51 | 6°50 | 13°17 | 19°20 | 4°20 | 27°15 | 24°51 | 18° 4 | 19°38 | 19°16 | 6°57 | W20 |
| T 21 | 6 0 25 | 29°25'42 | 12♍26 | 9°40 | 16° 0 | 7°23 | 13°30 | 19°16 | 4°18 | 27°16 | 24°51 | 18° 5 | 19°35 | 19°23 | 7° 1 | T 21 |
| F 22 | 6 4 22 | 0♑26'42 | 25°55 | 10° 7 | 17°10 | 7°57 | 13°43 | 19°11 | 4°16 | 27°18 | 24°50 | 18°R 6 | 19°31 | 19°30 | 7° 6 | F 22 |
| S 23 | 6 8 18 | 1°27'44 | 9♎43 | 10°41 | 18°20 | 8°31 | 13°56 | 19° 7 | 4°13 | 27°19 | 24°49 | 18° 6 | 19°28 | 19°37 | 7°10 | S 23 |
| S 24 | 6 12 15 | 2°28'46 | 23°52 | 11°21 | 19°30 | 9° 6 | 14° 9 | 19° 2 | 4°11 | 27°20 | 24°49 | 18° 4 | 19°25 | 19°43 | 7°15 | S 24 |
| M25 | 6 16 11 | 3°29'50 | 8♏21 | 12° 8 | 20°41 | 9°40 | 14°22 | 18°57 | 4° 9 | 27°21 | 24°48 | 18° 0 | 19°22 | 19°50 | 7°19 | M25 |
| T 26 | 6 20 8 | 4°30'54 | 23° 5 | 13° 0 | 21°51 | 10°14 | 14°35 | 18°53 | 4° 7 | 27°22 | 24°47 | 17°54 | 19°19 | 19°57 | 7°24 | T 26 |
| W27 | 6 24 4 | 5°31'59 | 7♐59 | 13°56 | 23° 2 | 10°49 | 14°48 | 18°48 | 4° 5 | 27°23 | 24°46 | 17°47 | 19°15 | 20° 3 | 7°29 | W27 |
| T 28 | 6 28 1 | 6°33'05 | 22°54 | 14°56 | 24°12 | 11°24 | 15° 1 | 18°43 | 4° 3 | 27°24 | 24°45 | 17°40 | 19°12 | 20°10 | 7°33 | T 28 |
| F 29 | 6 31 57 | 7°34'12 | 7♑42 | 16° 0 | 25°23 | 11°59 | 15°14 | 18°38 | 4° 1 | 27°25 | 24°45 | 17°35 | 19° 9 | 20°17 | 7°38 | F 29 |
| S 30 | 6 35 54 | 8°35'19 | 22°15 | 17° 7 | 26°34 | 12°34 | 15°27 | 18°33 | 3°59 | 27°26 | 24°44 | 17°30 | 19° 6 | 20°24 | 7°43 | S 30 |
| S 31 | 6 39 51 | 9♑36'26 | 6♒25 | 18♐17 | 27♏45 | 13♈ 9 | 15♐40 | 18♋29 | 3♊57 | 27♎27 | 24♌43 | 17♌28 | 19♌ 3 | 20♉30 | 7♒48 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21s46 | 19s31 | 3n51 | 24s30 | 1s13 | 7s 9 | 2n 2 | 2s 7 | 0s53 | 21s 8 | 0n38 | 21n18 | 0s32 | 20n56 | 0s 9 | 8s50 | 1n34 | 20n44 | 8n 3 | 14n53 | 14n35 | 11n59 | 12s12 | 6n48 |
| S 2 | 21 55 | 19 43 | 2 55 | 24 13 | 0 57 | 7 31 | 2 5 | 1 52 | 0 51 | 21 10 | 0 38 | 21 18 | 0 31 | 20 56 | 0 9 | 8 50 | 1 34 | 20 44 | 8 3 | 14 55 | 14 36 | 12 1 | 12 12 | 6 48 |
| S 3 | 22 4 | 18 37 | 1 49 | 23 54 | 0 40 | 7 53 | 2 7 | 1 38 | 0 48 | 21 12 | 0 38 | 21 19 | 0 31 | 20 56 | 0 9 | 8 51 | 1 35 | 20 44 | 8 3 | 14 56 | 14 37 | 12 2 | 12 11 | 6 47 |
| M 4 | 22 12 | 16 28 | 0 38 | 23 33 | 0 21 | 8 14 | 2 9 | 1 24 | 0 46 | 21 14 | 0 38 | 21 19 | 0 31 | 20 55 | 0 9 | 8 51 | 1 35 | 20 45 | 8 4 | 14 57 | 14 38 | 12 4 | 12 11 | 6 47 |
| T 5 | 22 20 | 13 30 | 0s32 | 23 11 | 0 2 | 8 36 | 2 11 | 1 10 | 0 43 | 21 16 | 0 38 | 21 20 | 0 31 | 20 55 | 0 9 | 8 52 | 1 35 | 20 45 | 8 4 | 14 57 | 14 39 | 12 6 | 12 10 | 6 47 |
| W 6 | 22 27 | 9 58 | 1 39 | 22 46 | 0n18 | 8 58 | 2 14 | 0 55 | 0 41 | 21 18 | 0 38 | 21 20 | 0 31 | 20 54 | 0 9 | 8 52 | 1 35 | 20 45 | 8 4 | 14 57 | 14 40 | 12 8 | 12 10 | 6 46 |
| T 7 | 22 34 | 6 6 | 2 38 | 22 20 | 0 39 | 9 20 | 2 15 | 0 41 | 0 39 | 21 20 | 0 38 | 21 21 | 0 31 | 20 54 | 0 9 | 8 53 | 1 35 | 20 46 | 8 5 | 14 57 | 14 41 | 12 9 | 12 9 | 6 46 |
| F 8 | 22 40 | 2 3 | 3 30 | 21 54 | 0 59 | 9 41 | 2 17 | 0 26 | 0 36 | 21 22 | 0 38 | 21 22 | 0 31 | 20 53 | 0 9 | 8 53 | 1 35 | 20 46 | 8 5 | 14 57 | 14 42 | 12 11 | 12 9 | 6 45 |
| S 9 | 22 46 | 2n 0 | 4 11 | 21 27 | 1 18 | 10 3 | 2 19 | 0 12 | 0 34 | 21 24 | 0 38 | 21 22 | 0 31 | 20 53 | 0 9 | 8 54 | 1 35 | 20 47 | 8 5 | 14 58 | 14 43 | 12 13 | 12 8 | 6 45 |
| S 10 | 22 52 | 5 56 | 4 41 | 21 0 | 1 37 | 10 25 | 2 20 | 0n 3 | 0 32 | 21 26 | 0 37 | 21 23 | 0 31 | 20 52 | 0 9 | 8 55 | 1 35 | 20 47 | 8 5 | 15 0 | 14 44 | 12 15 | 12 7 | 6 45 |
| M11 | 22 57 | 9 38 | 4 59 | 20 35 | 1 53 | 10 46 | 2 22 | 0 18 | 0 30 | 21 28 | 0 37 | 21 23 | 0 31 | 20 52 | 0 9 | 8 55 | 1 35 | 20 47 | 8 6 | 15 3 | 14 45 | 12 17 | 12 7 | 6 44 |
| T 12 | 23 1 | 12 57 | 5 4 | 20 12 | 2 8 | 11 7 | 2 23 | 0 32 | 0 28 | 21 29 | 0 37 | 21 24 | 0 31 | 20 52 | 0 9 | 8 56 | 1 35 | 20 48 | 8 6 | 15 7 | 14 46 | 12 18 | 12 6 | 6 44 |
| W13 | 23 6 | 15 46 | 4 55 | 19 52 | 2 20 | 11 29 | 2 24 | 0 47 | 0 26 | 21 31 | 0 37 | 21 25 | 0 31 | 20 51 | 0 9 | 8 56 | 1 35 | 20 48 | 8 6 | 15 10 | 14 47 | 12 20 | 12 6 | 6 44 |
| T 14 | 23 9 | 17 56 | 4 34 | 19 34 | 2 30 | 11 50 | 2 25 | 1 2 | 0 24 | 21 33 | 0 37 | 21 25 | 0 31 | 20 51 | 0 9 | 8 56 | 1 35 | 20 49 | 8 7 | 15 14 | 14 48 | 12 22 | 12 5 | 6 43 |
| F 15 | 23 13 | 19 20 | 4 0 | 19 20 | 2 38 | 12 11 | 2 26 | 1 17 | 0 22 | 21 35 | 0 37 | 21 26 | 0 31 | 20 50 | 0 9 | 8 57 | 1 35 | 20 49 | 8 7 | 15 17 | 14 49 | 12 24 | 12 4 | 6 43 |
| S 16 | 23 16 | 19 51 | 3 14 | 19 10 | 2 43 | 12 32 | 2 26 | 1 31 | 0 20 | 21 37 | 0 37 | 21 27 | 0 30 | 20 50 | 0 9 | 8 57 | 1 35 | 20 50 | 8 7 | 15 20 | 14 50 | 12 26 | 12 4 | 6 42 |
| S 17 | 23 18 | 19 26 | 2 19 | 19 3 | 2 47 | 12 52 | 2 27 | 1 46 | 0 18 | 21 38 | 0 37 | 21 27 | 0 30 | 20 50 | 0 9 | 8 58 | 1 35 | 20 50 | 8 7 | 15 21 | 14 51 | 12 27 | 12 3 | 6 42 |
| M18 | 23 20 | 18 3 | 1 17 | 19 0 | 2 49 | 13 13 | 2 27 | 2 1 | 0 16 | 21 40 | 0 37 | 21 28 | 0 30 | 20 49 | 0 9 | 8 58 | 1 35 | 20 50 | 8 8 | 15 23 | 14 52 | 12 29 | 12 2 | 6 42 |
| T 19 | 23 21 | 15 45 | 0 9 | 19 0 | 2 49 | 13 33 | 2 28 | 2 16 | 0 14 | 21 42 | 0 37 | 21 29 | 0 30 | 20 49 | 0 9 | 8 59 | 1 35 | 20 51 | 8 8 | 15 23 | 14 53 | 12 31 | 12 1 | 6 41 |
| W20 | 23 22 | 12 38 | 1n 0 | 19 3 | 2 47 | 13 53 | 2 28 | 2 31 | 0 12 | 21 44 | 0 37 | 21 30 | 0 30 | 20 48 | 0 9 | 8 59 | 1 35 | 20 51 | 8 8 | 15 23 | 14 54 | 12 33 | 12 1 | 6 41 |
| T 21 | 23 23 | 8 51 | 2 8 | 19 8 | 2 44 | 14 13 | 2 28 | 2 46 | 0 10 | 21 45 | 0 37 | 21 30 | 0 30 | 20 48 | 0 9 | 9 0 | 1 35 | 20 52 | 8 9 | 15 22 | 14 55 | 12 34 | 12 0 | 6 41 |
| F 22 | 23 23 | 4 31 | 3 10 | 19 16 | 2 41 | 14 33 | 2 28 | 3 1 | 0 9 | 21 47 | 0 37 | 21 31 | 0 30 | 20 48 | 0 9 | 9 0 | 1 35 | 20 52 | 8 9 | 15 22 | 14 56 | 12 36 | 11 59 | 6 41 |
| S 23 | 23 22 | 0s 7 | 4 2 | 19 25 | 2 36 | 14 52 | 2 28 | 3 16 | 0 7 | 21 48 | 0 37 | 21 32 | 0 30 | 20 47 | 0 9 | 9 0 | 1 35 | 20 53 | 8 9 | 15 22 | 14 57 | 12 38 | 11 58 | 6 40 |
| S 24 | 23 21 | 4 52 | 4 42 | 19 36 | 2 30 | 15 12 | 2 28 | 3 31 | 0 5 | 21 50 | 0 37 | 21 32 | 0 30 | 20 47 | 0 9 | 9 1 | 1 36 | 20 53 | 8 9 | 15 23 | 14 58 | 12 40 | 11 57 | 6 40 |
| M25 | 23 20 | 9 27 | 5 4 | 19 49 | 2 24 | 15 30 | 2 27 | 3 46 | 0 3 | 21 52 | 0 37 | 21 33 | 0 30 | 20 46 | 0 9 | 9 1 | 1 36 | 20 54 | 8 10 | 15 24 | 14 59 | 12 41 | 11 57 | 6 40 |
| T 26 | 23 18 | 13 32 | 5 7 | 20 2 | 2 17 | 15 49 | 2 27 | 4 1 | 0 2 | 21 53 | 0 37 | 21 34 | 0 30 | 20 46 | 0 9 | 9 1 | 1 36 | 20 54 | 8 10 | 15 26 | 15 0 | 12 43 | 11 56 | 6 39 |
| W27 | 23 16 | 16 49 | 4 50 | 20 16 | 2 10 | 16 7 | 2 26 | 4 16 | 0 0 | 21 55 | 0 37 | 21 35 | 0 30 | 20 46 | 0 9 | 9 2 | 1 36 | 20 55 | 8 10 | 15 28 | 15 1 | 12 45 | 11 55 | 6 39 |
| T 28 | 23 13 | 18 59 | 4 13 | 20 30 | 2 3 | 16 25 | 2 26 | 4 31 | 0n 1 | 21 56 | 0 37 | 21 35 | 0 29 | 20 45 | 0 9 | 9 2 | 1 36 | 20 55 | 8 10 | 15 30 | 15 2 | 12 47 | 11 54 | 6 39 |
| F 29 | 23 10 | 19 51 | 3 19 | 20 44 | 1 55 | 16 43 | 2 25 | 4 46 | 0 3 | 21 58 | 0 37 | 21 36 | 0 29 | 20 45 | 0 9 | 9 2 | 1 36 | 20 56 | 8 11 | 15 32 | 15 3 | 12 49 | 11 53 | 6 39 |
| S 30 | 23 6 | 19 22 | 2 13 | 20 59 | 1 47 | 17 0 | 2 24 | 5 1 | 0 5 | 21 59 | 0 36 | 21 37 | 0 29 | 20 45 | 0 9 | 9 3 | 1 36 | 20 57 | 8 11 | 15 33 | 15 4 | 12 50 | 11 52 | 6 38 |
| S 31 | 23s 2 | 17s39 | 1n 0 | 21s13 | 1n39 | 17s17 | 2n23 | 5n16 | 0n 6 | 22s 0 | 0n36 | 21n38 | 0s29 | 20n44 | 0s 9 | 9s 3 | 1n36 | 20n57 | 8n11 | 15n34 | 15n 5 | 12n52 | 11s51 | 6n38 |

Julian Day Number = 2614412.5, Delta T = 10m58s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'30, Lahiri = 30°05'30


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## JANUARY 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 43 47 | 10♑37'34 | 20♒10 | 19♐29 | 28♏56 | 13♈44 | 15♐53 | 18°R24 | 3°R55 | 27♎28 | 24°R42 | 17°D27 | 19♌ 0 | 20♉37 | 7♒53 | M 1 |
| T 2 | 6 47 44 | 11°38'41 | 3♓29 | 20°43 | 0♐ 8 | 14°19 | 16° 5 | 18♋19 | 3♊53 | 27°29 | 24♌41 | 17♌28 | 18°56 | 20°44 | 7°57 | T 2 |
| W 3 | 6 51 40 | 12°39'49 | 16°23 | 21°59 | 1°19 | 14°55 | 16°18 | 18°14 | 3°52 | 27°30 | 24°40 | 17°30 | 18°53 | 20°51 | 8° 2 | W 3 |
| T 4 | 6 55 37 | 13°40'57 | 28°55 | 23°17 | 2°30 | 15°30 | 16°31 | 18° 9 | 3°50 | 27°31 | 24°39 | 17°32 | 18°50 | 20°57 | 8° 7 | T 4 |
| F 5 | 6 59 33 | 14°42'05 | 11♈10 | 24°36 | 3°42 | 16° 6 | 16°43 | 18° 4 | 3°48 | 27°32 | 24°38 | 17°R33 | 18°47 | 21° 4 | 8°12 | F 5 |
| S 6 | 7 3 30 | 15°43'12 | 23°12 | 25°57 | 4°53 | 16°42 | 16°56 | 17°59 | 3°46 | 27°33 | 24°37 | 17°32 | 18°44 | 21°11 | 8°17 | S 6 |
| S 7 | 7 7 26 | 16°44'20 | 5♉ 7 | 27°19 | 6° 5 | 17°18 | 17° 9 | 17°54 | 3°45 | 27°33 | 24°36 | 17°31 | 18°41 | 21°17 | 8°22 | S 7 |
| M 8 | 7 11 23 | 17°45'27 | 16°58 | 28°41 | 7°17 | 17°54 | 17°21 | 17°49 | 3°43 | 27°34 | 24°35 | 17°28 | 18°37 | 21°24 | 8°27 | M 8 |
| T 9 | 7 15 20 | 18°46'35 | 28°51 | 0♑ 5 | 8°29 | 18°30 | 17°33 | 17°44 | 3°42 | 27°35 | 24°34 | 17°23 | 18°34 | 21°31 | 8°32 | T 9 |
| W10 | 7 19 16 | 19°47'42 | 10♊49 | 1°30 | 9°41 | 19° 6 | 17°46 | 17°39 | 3°40 | 27°35 | 24°32 | 17°18 | 18°31 | 21°38 | 8°37 | W10 |
| T 11 | 7 23 13 | 20°48'49 | 22°54 | 2°55 | 10°53 | 19°42 | 17°58 | 17°34 | 3°38 | 27°36 | 24°31 | 17°13 | 18°28 | 21°44 | 8°42 | T 11 |
| F 12 | 7 27 9 | 21°49'57 | 5♋10 | 4°21 | 12° 5 | 20°18 | 18°10 | 17°29 | 3°37 | 27°37 | 24°30 | 17° 9 | 18°25 | 21°51 | 8°47 | F 12 |
| S 13 | 7 31 6 | 22°51'04 | 17°36 | 5°48 | 13°17 | 20°55 | 18°23 | 17°24 | 3°36 | 27°37 | 24°29 | 17° 5 | 18°21 | 21°58 | 8°52 | S 13 |
| S 14 | 7 35 2 | 23°52'10 | 0♌14 | 7°15 | 14°29 | 21°31 | 18°35 | 17°19 | 3°34 | 27°38 | 24°28 | 17° 3 | 18°18 | 22° 4 | 8°58 | S 14 |
| M15 | 7 38 59 | 24°53'17 | 13° 5 | 8°43 | 15°41 | 22° 8 | 18°47 | 17°14 | 3°33 | 27°38 | 24°27 | 17°D 2 | 18°15 | 22°11 | 9° 3 | M15 |
| T 16 | 7 42 55 | 25°54'24 | 26° 8 | 10°12 | 16°54 | 22°44 | 18°59 | 17°10 | 3°32 | 27°39 | 24°25 | 17° 2 | 18°12 | 22°18 | 9° 8 | T 16 |
| W17 | 7 46 52 | 26°55'30 | 9♍24 | 11°41 | 18° 6 | 23°21 | 19°11 | 17° 5 | 3°30 | 27°39 | 24°24 | 17° 3 | 18° 9 | 22°25 | 9°13 | W17 |
| T 18 | 7 50 49 | 27°56'37 | 22°52 | 13°11 | 19°19 | 23°58 | 19°23 | 17° 0 | 3°29 | 27°39 | 24°23 | 17° 5 | 18° 6 | 22°31 | 9°18 | T 18 |
| F 19 | 7 54 45 | 28°57'43 | 6♎32 | 14°41 | 20°31 | 24°35 | 19°35 | 16°55 | 3°28 | 27°40 | 24°22 | 17° 6 | 18° 2 | 22°38 | 9°23 | F 19 |
| S 20 | 7 58 42 | 29°58'49 | 20°24 | 16°12 | 21°44 | 25°12 | 19°46 | 16°50 | 3°27 | 27°40 | 24°20 | 17° 7 | 17°59 | 22°45 | 9°28 | S 20 |
| S 21 | 8 2 38 | 0♒59'56 | 4♏28 | 17°43 | 22°57 | 25°49 | 19°58 | 16°46 | 3°26 | 27°40 | 24°19 | 17°R 7 | 17°56 | 22°52 | 9°34 | S 21 |
| M22 | 8 6 35 | 2° 1'02 | 18°41 | 19°15 | 24° 9 | 26°25 | 20°10 | 16°41 | 3°25 | 27°40 | 24°18 | 17° 7 | 17°53 | 22°58 | 9°39 | M22 |
| T 23 | 8 10 31 | 3° 2'08 | 3♐ 3 | 20°48 | 25°22 | 27° 3 | 20°21 | 16°36 | 3°24 | 27°41 | 24°16 | 17° 6 | 17°50 | 23° 5 | 9°44 | T 23 |
| W24 | 8 14 28 | 4° 3'15 | 17°29 | 22°20 | 26°35 | 27°40 | 20°33 | 16°32 | 3°23 | 27°41 | 24°15 | 17° 4 | 17°47 | 23°12 | 9°49 | W24 |
| T 25 | 8 18 24 | 5° 4'20 | 1♑55 | 23°54 | 27°48 | 28°17 | 20°44 | 16°27 | 3°22 | 27°41 | 24°14 | 17° 2 | 17°43 | 23°18 | 9°54 | T 25 |
| F 26 | 8 22 21 | 6° 5'26 | 16°15 | 25°28 | 29° 1 | 28°54 | 20°56 | 16°22 | 3°22 | 27°41 | 24°12 | 17° 1 | 17°40 | 23°25 | 10° 0 | F 26 |
| S 27 | 8 26 18 | 7° 6'31 | 0♒25 | 27° 2 | 0♑14 | 29°31 | 21° 7 | 16°18 | 3°21 | 27°41 | 24°11 | 17° 0 | 17°37 | 23°32 | 10° 5 | S 27 |
| S 28 | 8 30 14 | 8° 7'36 | 14°20 | 28°37 | 1°27 | 0♉ 9 | 21°18 | 16°14 | 3°20 | 27°R41 | 24°10 | 17°D 0 | 17°34 | 23°39 | 10°10 | S 28 |
| M29 | 8 34 11 | 9° 8'39 | 27°55 | 0♒13 | 2°40 | 0°46 | 21°29 | 16° 9 | 3°19 | 27°41 | 24° 8 | 17° 0 | 17°31 | 23°45 | 10°15 | M29 |
| T 30 | 8 38 7 | 10° 9'42 | 11♓11 | 1°49 | 3°53 | 1°24 | 21°40 | 16° 5 | 3°19 | 27°41 | 24° 7 | 17° 0 | 17°27 | 23°52 | 10°21 | T 30 |
| W31 | 8 42 4 | 11♒10'44 | 24♓ 5 | 3♒26 | 5♑ 6 | 2♉ 1 | 21♐51 | 16♋ 1 | 3♊18 | 27♎41 | 24♌ 6 | 17♌ 1 | 17♌24 | 23♉59 | 10♒26 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22s57 | 14s57 | 0s15 | 21s28 | 1n31 | 17s34 | 2n22 | 5n31 | 0n 8 | 22s 2 | 0n36 | 21n38 | 0s29 | 20n44 | 0s 9 | 9s 3 | 1n36 | 20n58 | 8n11 | 15n34 | 15n 6 | 12n54 | 11s50 | 6n38 |
| T 2 | 22 52 | 11 33 | 1 26 | 21 41 | 1 22 | 17 50 | 2 21 | 5 46 | 0 9 | 22 3 | 0 36 | 21 39 | 0 29 | 20 44 | 0 9 | 9 4 | 1 36 | 20 58 | 8 12 | 15 34 | 15 7 | 12 56 | 11 49 | 6 38 |
| W 3 | 22 47 | 7 41 | 2 31 | 21 55 | 1 14 | 18 6 | 2 20 | 6 1 | 0 11 | 22 4 | 0 36 | 21 40 | 0 29 | 20 43 | 0 9 | 9 4 | 1 36 | 20 59 | 8 12 | 15 33 | 15 7 | 12 57 | 11 48 | 6 37 |
| T 4 | 22 41 | 3 36 | 3 27 | 22 7 | 1 5 | 18 21 | 2 18 | 6 16 | 0 12 | 22 6 | 0 36 | 21 41 | 0 29 | 20 43 | 0 9 | 9 4 | 1 36 | 20 59 | 8 12 | 15 33 | 15 8 | 12 59 | 11 47 | 6 37 |
| F 5 | 22 34 | 0n32 | 4 12 | 22 19 | 0 57 | 18 36 | 2 17 | 6 31 | 0 13 | 22 7 | 0 36 | 21 41 | 0 29 | 20 43 | 0 9 | 9 4 | 1 36 | 21 0 | 8 12 | 15 32 | 15 9 | 13 1 | 11 46 | 6 37 |
| S 6 | 22 27 | 4 35 | 4 45 | 22 30 | 0 49 | 18 50 | 2 15 | 6 46 | 0 15 | 22 8 | 0 36 | 21 42 | 0 29 | 20 42 | 0 9 | 9 5 | 1 36 | 21 0 | 8 12 | 15 32 | 15 10 | 13 3 | 11 45 | 6 37 |
| S 7 | 22 20 | 8 23 | 5 5 | 22 41 | 0 41 | 19 4 | 2 14 | 7 1 | 0 16 | 22 10 | 0 36 | 21 43 | 0 28 | 20 42 | 0 9 | 9 5 | 1 36 | 21 1 | 8 13 | 15 33 | 15 11 | 13 4 | 11 44 | 6 37 |
| M 8 | 22 12 | 11 52 | 5 13 | 22 50 | 0 32 | 19 18 | 2 12 | 7 16 | 0 17 | 22 11 | 0 36 | 21 44 | 0 28 | 20 42 | 0 9 | 9 5 | 1 36 | 21 2 | 8 13 | 15 34 | 15 12 | 13 6 | 11 43 | 6 36 |
| T 9 | 22 4 | 14 52 | 5 6 | 22 58 | 0 24 | 19 31 | 2 10 | 7 31 | 0 19 | 22 12 | 0 36 | 21 44 | 0 28 | 20 41 | 0 9 | 9 5 | 1 36 | 21 2 | 8 13 | 15 35 | 15 13 | 13 8 | 11 42 | 6 36 |
| W10 | 21 55 | 17 17 | 4 47 | 23 6 | 0 16 | 19 44 | 2 8 | 7 46 | 0 20 | 22 13 | 0 36 | 21 45 | 0 28 | 20 41 | 0 9 | 9 5 | 1 36 | 21 3 | 8 13 | 15 37 | 15 14 | 13 10 | 11 41 | 6 36 |
| T 11 | 21 46 | 18 57 | 4 14 | 23 12 | 0 8 | 19 56 | 2 6 | 8 1 | 0 21 | 22 14 | 0 36 | 21 46 | 0 28 | 20 41 | 0 9 | 9 5 | 1 37 | 21 3 | 8 14 | 15 38 | 15 15 | 13 11 | 11 40 | 6 36 |
| F 12 | 21 37 | 19 47 | 3 30 | 23 18 | 0 1 | 20 8 | 2 4 | 8 16 | 0 22 | 22 15 | 0 36 | 21 47 | 0 28 | 20 41 | 0 9 | 9 6 | 1 37 | 21 4 | 8 14 | 15 39 | 15 16 | 13 13 | 11 39 | 6 36 |
| S 13 | 21 27 | 19 40 | 2 35 | 23 22 | 0s 7 | 20 19 | 2 2 | 8 31 | 0 24 | 22 16 | 0 36 | 21 47 | 0 28 | 20 40 | 0 9 | 9 6 | 1 37 | 21 5 | 8 14 | 15 40 | 15 17 | 13 15 | 11 38 | 6 36 |
| S 14 | 21 17 | 18 34 | 1 31 | 23 25 | 0 14 | 20 29 | 2 0 | 8 45 | 0 25 | 22 17 | 0 36 | 21 48 | 0 28 | 20 40 | 0 9 | 9 6 | 1 37 | 21 5 | 8 14 | 15 41 | 15 18 | 13 16 | 11 36 | 6 35 |
| M15 | 21 6 | 16 30 | 0 22 | 23 27 | 0 21 | 20 39 | 1 58 | 9 0 | 0 26 | 22 19 | 0 36 | 21 49 | 0 28 | 20 40 | 0 9 | 9 6 | 1 37 | 21 6 | 8 14 | 15 41 | 15 19 | 13 18 | 11 35 | 6 35 |
| T 16 | 20 55 | 13 33 | 0n50 | 23 28 | 0 29 | 20 49 | 1 56 | 9 15 | 0 27 | 22 20 | 0 36 | 21 50 | 0 27 | 20 40 | 0 9 | 9 6 | 1 37 | 21 6 | 8 15 | 15 41 | 15 20 | 13 20 | 11 34 | 6 35 |
| W17 | 20 43 | 9 53 | 2 0 | 23 27 | 0 35 | 20 58 | 1 53 | 9 29 | 0 28 | 22 21 | 0 36 | 21 50 | 0 27 | 20 40 | 0 9 | 9 6 | 1 37 | 21 7 | 8 15 | 15 41 | 15 21 | 13 22 | 11 33 | 6 35 |
| T 18 | 20 31 | 5 40 | 3 5 | 23 26 | 0 42 | 21 6 | 1 51 | 9 44 | 0 29 | 22 22 | 0 36 | 21 51 | 0 27 | 20 39 | 0 9 | 9 6 | 1 37 | 21 8 | 8 15 | 15 41 | 15 22 | 13 23 | 11 32 | 6 35 |
| F 19 | 20 19 | 1 6 | 4 0 | 23 23 | 0 49 | 21 14 | 1 49 | 9 58 | 0 30 | 22 22 | 0 36 | 21 52 | 0 27 | 20 39 | 0 9 | 9 6 | 1 37 | 21 8 | 8 15 | 15 40 | 15 23 | 13 25 | 11 30 | 6 35 |
| S 20 | 20 6 | 3s35 | 4 42 | 23 19 | 0 55 | 21 21 | 1 46 | 10 13 | 0 32 | 22 23 | 0 36 | 21 53 | 0 27 | 20 39 | 0 9 | 9 6 | 1 37 | 21 9 | 8 15 | 15 40 | 15 24 | 13 27 | 11 29 | 6 35 |
| S 21 | 19 53 | 8 8 | 5 8 | 23 13 | 1 1 | 21 28 | 1 44 | 10 27 | 0 33 | 22 24 | 0 36 | 21 53 | 0 27 | 20 39 | 0 9 | 9 6 | 1 37 | 21 9 | 8 15 | 15 40 | 15 25 | 13 29 | 11 28 | 6 35 |
| M22 | 19 40 | 12 16 | 5 16 | 23 6 | 1 7 | 21 34 | 1 41 | 10 42 | 0 34 | 22 25 | 0 36 | 21 54 | 0 27 | 20 39 | 0 9 | 9 6 | 1 37 | 21 10 | 8 16 | 15 40 | 15 26 | 13 30 | 11 27 | 6 34 |
| T 23 | 19 26 | 15 45 | 5 4 | 22 58 | 1 13 | 21 40 | 1 38 | 10 56 | 0 35 | 22 26 | 0 36 | 21 55 | 0 27 | 20 38 | 0 9 | 9 6 | 1 37 | 21 11 | 8 16 | 15 40 | 15 27 | 13 32 | 11 25 | 6 34 |
| W24 | 19 12 | 18 16 | 4 33 | 22 49 | 1 18 | 21 45 | 1 36 | 11 10 | 0 36 | 22 27 | 0 36 | 21 55 | 0 26 | 20 38 | 0 9 | 9 6 | 1 37 | 21 11 | 8 16 | 15 41 | 15 28 | 13 34 | 11 24 | 6 34 |
| T 25 | 18 57 | 19 38 | 3 44 | 22 38 | 1 23 | 21 49 | 1 33 | 11 24 | 0 37 | 22 28 | 0 36 | 21 56 | 0 26 | 20 38 | 0 9 | 9 6 | 1 37 | 21 12 | 8 16 | 15 41 | 15 29 | 13 35 | 11 23 | 6 34 |
| F 26 | 18 42 | 19 43 | 2 42 | 22 26 | 1 28 | 21 52 | 1 30 | 11 39 | 0 38 | 22 28 | 0 36 | 21 57 | 0 26 | 20 38 | 0 9 | 9 6 | 1 37 | 21 12 | 8 16 | 15 42 | 15 30 | 13 37 | 11 22 | 6 34 |
| S 27 | 18 27 | 18 32 | 1 31 | 22 13 | 1 33 | 21 55 | 1 27 | 11 53 | 0 39 | 22 29 | 0 36 | 21 57 | 0 26 | 20 38 | 0 9 | 9 6 | 1 37 | 21 13 | 8 16 | 15 42 | 15 31 | 13 39 | 11 20 | 6 34 |
| S 28 | 18 11 | 16 15 | 0 15 | 21 58 | 1 37 | 21 58 | 1 24 | 12 7 | 0 39 | 22 30 | 0 36 | 21 58 | 0 26 | 20 38 | 0 9 | 9 6 | 1 38 | 21 14 | 8 17 | 15 42 | 15 32 | 13 41 | 11 19 | 6 34 |
| M29 | 17 55 | 13 6 | 1s 0 | 21 42 | 1 41 | 22 0 | 1 22 | 12 21 | 0 40 | 22 31 | 0 36 | 21 59 | 0 26 | 20 38 | 0 9 | 9 6 | 1 38 | 21 14 | 8 17 | 15 42 | 15 33 | 13 42 | 11 18 | 6 34 |
| T 30 | 17 39 | 9 22 | 2 10 | 21 25 | 1 45 | 22 1 | 1 19 | 12 34 | 0 41 | 22 31 | 0 36 | 21 59 | 0 26 | 20 38 | 0 9 | 9 6 | 1 38 | 21 15 | 8 17 | 15 42 | 15 34 | 13 44 | 11 16 | 6 34 |
| W31 | 17s23 | 5s17 | 3s12 | 21s 6 | 1s49 | 22s 1 | 1n16 | 12n48 | 0n42 | 22s32 | 0n36 | 22n 0 | 0s26 | 20n37 | 0s 9 | 9s 6 | 1n38 | 21n15 | 8n17 | 15n42 | 15n35 | 13n46 | 11s15 | 6n34 |

Julian Day Number = 2614443.5, Delta T = 10m58s
Ecliptic obliquity = 23°22'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'34, Lahiri = 30°05'35


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## FEBRUARY 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 46 0 | 12♒11'45 | 6♈40 | 5♒ 3 | 6♉19 | 2♉39 | 22♐ 2 | 15°R56 | 3°R18 | 27°R41 | 24°R 4 | 17♌ 2 | 17♌21 | 24♉ 6 | 10♒31 | T 1 |
| F 2 | 8 49 57 | 13°12'45 | 18°59 | 6°41 | 7°33 | 3°16 | 22°13 | 15♋52 | 3♊17 | 27♎41 | 24♌ 3 | 17° 2 | 17°18 | 24°12 | 10°36 | F 2 |
| S 3 | 8 53 53 | 14°13'44 | 1♉ 4 | 8°20 | 8°46 | 3°54 | 22°23 | 15°48 | 3°17 | 27°41 | 24° 1 | 17° 2 | 17°15 | 24°19 | 10°41 | S 3 |
| S 4 | 8 57 50 | 15°14'42 | 13° 1 | 9°59 | 9°59 | 4°31 | 22°34 | 15°44 | 3°17 | 27°40 | 24° 0 | 17°R 2 | 17°12 | 24°26 | 10°47 | S 4 |
| M 5 | 9 1 47 | 16°15'39 | 24°53 | 11°39 | 11°13 | 5° 9 | 22°44 | 15°40 | 3°16 | 27°40 | 23°59 | 17° 2 | 17° 8 | 24°32 | 10°52 | M 5 |
| T 6 | 9 5 43 | 17°16'35 | 6♊47 | 13°19 | 12°26 | 5°47 | 22°55 | 15°36 | 3°16 | 27°40 | 23°57 | 17°D 2 | 17° 5 | 24°39 | 10°57 | T 6 |
| W 7 | 9 9 40 | 18°17'29 | 18°45 | 15° 1 | 13°39 | 6°25 | 23° 5 | 15°33 | 3°16 | 27°40 | 23°56 | 17° 2 | 17° 2 | 24°46 | 11° 2 | W 7 |
| T 8 | 9 13 36 | 19°18'22 | 0♋53 | 16°43 | 14°53 | 7° 2 | 23°15 | 15°29 | 3°16 | 27°39 | 23°54 | 17° 3 | 16°59 | 24°53 | 11° 7 | T 8 |
| F 9 | 9 17 33 | 20°19'14 | 13°14 | 18°25 | 16° 6 | 7°40 | 23°25 | 15°25 | 3°16 | 27°39 | 23°53 | 17° 3 | 16°56 | 24°59 | 11°13 | F 9 |
| S 10 | 9 21 29 | 21°20'05 | 25°50 | 20° 9 | 17°20 | 8°18 | 23°35 | 15°22 | 3°D16 | 27°38 | 23°51 | 17° 3 | 16°53 | 25° 6 | 11°18 | S 10 |
| S 11 | 9 25 26 | 22°20'55 | 8♌44 | 21°53 | 18°33 | 8°56 | 23°45 | 15°18 | 3°16 | 27°38 | 23°50 | 17° 4 | 16°49 | 25°13 | 11°23 | S 11 |
| M12 | 9 29 22 | 23°21'43 | 21°55 | 23°37 | 19°47 | 9°34 | 23°55 | 15°15 | 3°16 | 27°38 | 23°49 | 17°R 4 | 16°46 | 25°19 | 11°28 | M12 |
| T 13 | 9 33 19 | 24°22'30 | 5♍23 | 25°23 | 21° 0 | 10°12 | 24° 4 | 15°12 | 3°16 | 27°37 | 23°47 | 17° 3 | 16°43 | 25°26 | 11°33 | T 13 |
| W14 | 9 37 16 | 25°23'16 | 19° 6 | 27° 9 | 22°14 | 10°50 | 24°14 | 15° 8 | 3°16 | 27°36 | 23°46 | 17° 3 | 16°40 | 25°33 | 11°38 | W14 |
| T 15 | 9 41 12 | 26°24'01 | 3♎ 2 | 28°56 | 23°27 | 11°28 | 24°23 | 15° 5 | 3°17 | 27°36 | 23°44 | 17° 1 | 16°37 | 25°40 | 11°43 | T 15 |
| F 16 | 9 45 9 | 27°24'45 | 17° 6 | 0♓44 | 24°41 | 12° 6 | 24°32 | 15° 2 | 3°17 | 27°35 | 23°43 | 17° 0 | 16°33 | 25°46 | 11°48 | F 16 |
| S 17 | 9 49 5 | 28°25'28 | 1♏17 | 2°32 | 25°55 | 12°44 | 24°42 | 14°59 | 3°17 | 27°35 | 23°41 | 16°59 | 16°30 | 25°53 | 11°54 | S 17 |
| S 18 | 9 53 2 | 29°26'10 | 15°30 | 4°21 | 27° 8 | 13°22 | 24°51 | 14°57 | 3°18 | 27°34 | 23°40 | 16°58 | 16°27 | 26° 0 | 11°59 | S 18 |
| M19 | 9 56 58 | 0♓26'51 | 29°42 | 6°10 | 28°22 | 14° 0 | 25° 0 | 14°54 | 3°18 | 27°33 | 23°38 | 16°D58 | 16°24 | 26° 6 | 12° 4 | M19 |
| T 20 | 10 0 55 | 1°27'31 | 13♐52 | 8° 0 | 29°36 | 14°38 | 25° 9 | 14°51 | 3°19 | 27°33 | 23°37 | 16°58 | 16°21 | 26°13 | 12° 9 | T 20 |
| W21 | 10 4 51 | 2°28'10 | 27°57 | 9°50 | 0♒50 | 15°16 | 25°17 | 14°49 | 3°19 | 27°32 | 23°36 | 16°59 | 16°18 | 26°20 | 12°14 | W21 |
| T 22 | 10 8 48 | 3°28'47 | 11♑56 | 11°40 | 2° 3 | 15°54 | 25°26 | 14°46 | 3°20 | 27°31 | 23°34 | 17° 0 | 16°14 | 26°27 | 12°19 | T 22 |
| F 23 | 10 12 45 | 4°29'24 | 25°47 | 13°30 | 3°17 | 16°32 | 25°34 | 14°44 | 3°21 | 27°30 | 23°33 | 17° 1 | 16°11 | 26°33 | 12°23 | F 23 |
| S 24 | 10 16 41 | 5°29'59 | 9♒27 | 15°21 | 4°31 | 17°10 | 25°43 | 14°42 | 3°21 | 27°29 | 23°31 | 17° 2 | 16° 8 | 26°40 | 12°28 | S 24 |
| S 25 | 10 20 38 | 6°30'33 | 22°56 | 17°10 | 5°45 | 17°49 | 25°51 | 14°40 | 3°22 | 27°29 | 23°30 | 17°R 2 | 16° 5 | 26°47 | 12°33 | S 25 |
| M26 | 10 24 34 | 7°31'06 | 6♓12 | 19° 0 | 6°59 | 18°27 | 25°59 | 14°38 | 3°23 | 27°28 | 23°29 | 17° 1 | 16° 2 | 26°54 | 12°38 | M26 |
| T 27 | 10 28 31 | 8°31'37 | 19°13 | 20°48 | 8°12 | 19° 5 | 26° 7 | 14°36 | 3°24 | 27°27 | 23°27 | 16°59 | 15°59 | 27° 0 | 12°43 | T 27 |
| W28 | 10 32 27 | 9♓32'06 | 1♈58 | 22♓36 | 9♒26 | 19♉43 | 26♐15 | 14♋34 | 3♊25 | 27♎26 | 23♌26 | 16♌56 | 15♌55 | 27♉ 7 | 12♒48 | W28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s 6 | 1s 4 | 4s 2 | 20s46 | 1s52 | 22s 1 | 1n13 | 13n 2 | 0n43 | 22s33 | 0n36 | 22n 1 | 0s25 | 20n37 | 0s 9 | 9s 6 | 1n38 | 21n16 | 8n17 | 15n42 | 15n36 | 13n47 | 11s14 | 6n34 |
| F 2 | 16 49 | 3n 5 | 4 40 | 20 25 | 1 55 | 22 0 | 1 10 | 13 16 | 0 44 | 22 33 | 0 36 | 22 1 | 0 25 | 20 37 | 0 9 | 9 6 | 1 38 | 21 17 | 8 17 | 15 42 | 15 37 | 13 49 | 11 12 | 6 34 |
| S 3 | 16 31 | 7 3 | 5 5 | 20 2 | 1 58 | 21 59 | 1 7 | 13 29 | 0 45 | 22 34 | 0 36 | 22 2 | 0 25 | 20 37 | 0 9 | 9 6 | 1 38 | 21 17 | 8 17 | 15 41 | 15 38 | 13 51 | 11 11 | 6 34 |
| S 4 | 16 13 | 10 40 | 5 16 | 19 38 | 2 0 | 21 57 | 1 4 | 13 43 | 0 45 | 22 35 | 0 36 | 22 2 | 0 25 | 20 37 | 0 8 | 9 6 | 1 38 | 21 18 | 8 17 | 15 41 | 15 39 | 13 53 | 11 10 | 6 34 |
| M 5 | 15 55 | 13 51 | 5 14 | 19 12 | 2 2 | 21 54 | 1 0 | 13 56 | 0 46 | 22 35 | 0 36 | 22 3 | 0 25 | 20 37 | 0 8 | 9 6 | 1 38 | 21 18 | 8 18 | 15 41 | 15 40 | 13 54 | 11 8 | 6 34 |
| T 6 | 15 37 | 16 29 | 4 59 | 18 45 | 2 3 | 21 51 | 0 57 | 14 9 | 0 47 | 22 36 | 0 36 | 22 4 | 0 25 | 20 37 | 0 8 | 9 5 | 1 38 | 21 19 | 8 18 | 15 41 | 15 41 | 13 56 | 11 7 | 6 34 |
| W 7 | 15 19 | 18 25 | 4 30 | 18 17 | 2 4 | 21 47 | 0 54 | 14 23 | 0 48 | 22 36 | 0 36 | 22 4 | 0 25 | 20 37 | 0 8 | 9 5 | 1 38 | 21 19 | 8 18 | 15 41 | 15 41 | 13 58 | 11 5 | 6 34 |
| T 8 | 15 0 | 19 33 | 3 49 | 17 47 | 2 5 | 21 42 | 0 51 | 14 36 | 0 49 | 22 37 | 0 36 | 22 5 | 0 25 | 20 37 | 0 8 | 9 5 | 1 38 | 21 20 | 8 18 | 15 41 | 15 42 | 13 59 | 11 4 | 6 34 |
| F 9 | 14 41 | 19 47 | 2 57 | 17 16 | 2 6 | 21 37 | 0 48 | 14 49 | 0 49 | 22 37 | 0 36 | 22 5 | 0 24 | 20 37 | 0 8 | 9 5 | 1 38 | 21 21 | 8 18 | 15 41 | 15 43 | 14 1 | 11 3 | 6 34 |
| S 10 | 14 21 | 19 2 | 1 55 | 16 43 | 2 6 | 21 31 | 0 45 | 15 2 | 0 50 | 22 38 | 0 36 | 22 6 | 0 24 | 20 37 | 0 8 | 9 5 | 1 38 | 21 21 | 8 18 | 15 41 | 15 44 | 14 3 | 11 1 | 6 34 |
| S 11 | 14 2 | 17 18 | 0 46 | 16 9 | 2 5 | 21 25 | 0 42 | 15 14 | 0 51 | 22 38 | 0 36 | 22 6 | 0 24 | 20 37 | 0 8 | 9 4 | 1 38 | 21 22 | 8 18 | 15 41 | 15 45 | 14 4 | 11 0 | 6 34 |
| M12 | 13 42 | 14 36 | 0n27 | 15 34 | 2 4 | 21 17 | 0 39 | 15 27 | 0 51 | 22 39 | 0 36 | 22 7 | 0 24 | 20 37 | 0 8 | 9 4 | 1 38 | 21 22 | 8 18 | 15 41 | 15 46 | 14 6 | 10 58 | 6 34 |
| T 13 | 13 22 | 11 4 | 1 40 | 14 57 | 2 3 | 21 10 | 0 35 | 15 40 | 0 52 | 22 39 | 0 36 | 22 7 | 0 24 | 20 37 | 0 8 | 9 4 | 1 38 | 21 23 | 8 18 | 15 41 | 15 47 | 14 8 | 10 57 | 6 34 |
| W14 | 13 2 | 6 53 | 2 48 | 14 19 | 2 1 | 21 1 | 0 32 | 15 52 | 0 53 | 22 40 | 0 36 | 22 8 | 0 24 | 20 37 | 0 8 | 9 4 | 1 39 | 21 23 | 8 18 | 15 41 | 15 48 | 14 9 | 10 55 | 6 35 |
| T 15 | 12 41 | 2 17 | 3 48 | 13 40 | 1 59 | 20 52 | 0 29 | 16 5 | 0 53 | 22 40 | 0 36 | 22 8 | 0 24 | 20 37 | 0 8 | 9 4 | 1 39 | 21 24 | 8 18 | 15 42 | 15 49 | 14 11 | 10 54 | 6 35 |
| F 16 | 12 20 | 2s28 | 4 34 | 13 0 | 1 56 | 20 43 | 0 26 | 16 17 | 0 54 | 22 40 | 0 36 | 22 9 | 0 23 | 20 37 | 0 8 | 9 3 | 1 39 | 21 25 | 8 19 | 15 42 | 15 50 | 14 13 | 10 52 | 6 35 |
| S 17 | 12 0 | 7 7 | 5 5 | 12 18 | 1 52 | 20 32 | 0 23 | 16 29 | 0 55 | 22 41 | 0 36 | 22 9 | 0 23 | 20 38 | 0 8 | 9 3 | 1 39 | 21 25 | 8 19 | 15 42 | 15 51 | 14 14 | 10 51 | 6 35 |
| S 18 | 11 38 | 11 23 | 5 16 | 11 34 | 1 48 | 20 21 | 0 20 | 16 41 | 0 55 | 22 41 | 0 36 | 22 10 | 0 23 | 20 38 | 0 8 | 9 3 | 1 39 | 21 26 | 8 19 | 15 43 | 15 52 | 14 16 | 10 50 | 6 35 |
| M19 | 11 17 | 15 0 | 5 9 | 10 50 | 1 44 | 20 10 | 0 17 | 16 53 | 0 56 | 22 41 | 0 36 | 22 10 | 0 23 | 20 38 | 0 8 | 9 2 | 1 39 | 21 26 | 8 19 | 15 43 | 15 53 | 14 18 | 10 48 | 6 35 |
| T 20 | 10 56 | 17 44 | 4 42 | 10 5 | 1 39 | 19 58 | 0 14 | 17 5 | 0 57 | 22 42 | 0 36 | 22 10 | 0 23 | 20 38 | 0 8 | 9 2 | 1 39 | 21 27 | 8 19 | 15 43 | 15 54 | 14 20 | 10 47 | 6 35 |
| W21 | 10 34 | 19 23 | 3 59 | 9 18 | 1 33 | 19 45 | 0 10 | 17 17 | 0 57 | 22 42 | 0 36 | 22 11 | 0 23 | 20 38 | 0 8 | 9 2 | 1 39 | 21 27 | 8 19 | 15 42 | 15 55 | 14 21 | 10 45 | 6 35 |
| T 22 | 10 12 | 19 49 | 3 2 | 8 30 | 1 27 | 19 32 | 0 7 | 17 29 | 0 58 | 22 42 | 0 36 | 22 11 | 0 23 | 20 38 | 0 8 | 9 1 | 1 39 | 21 28 | 8 19 | 15 42 | 15 56 | 14 23 | 10 44 | 6 36 |
| F 23 | 9 50 | 19 3 | 1 55 | 7 42 | 1 20 | 19 18 | 0 4 | 17 40 | 0 58 | 22 43 | 0 36 | 22 12 | 0 23 | 20 38 | 0 8 | 9 1 | 1 39 | 21 28 | 8 19 | 15 42 | 15 57 | 14 25 | 10 42 | 6 36 |
| S 24 | 9 28 | 17 10 | 0 42 | 6 52 | 1 12 | 19 4 | 0 1 | 17 52 | 0 59 | 22 43 | 0 36 | 22 12 | 0 22 | 20 38 | 0 8 | 9 1 | 1 39 | 21 29 | 8 19 | 15 41 | 15 58 | 14 26 | 10 41 | 6 36 |
| S 25 | 9 6 | 14 21 | 0s32 | 6 2 | 1 4 | 18 49 | 0s 2 | 18 3 | 0 59 | 22 43 | 0 36 | 22 12 | 0 22 | 20 39 | 0 8 | 9 0 | 1 39 | 21 29 | 8 19 | 15 41 | 15 59 | 14 28 | 10 39 | 6 36 |
| M26 | 8 44 | 10 49 | 1 44 | 5 11 | 0 55 | 18 33 | 0 5 | 18 14 | 1 0 | 22 43 | 0 36 | 22 13 | 0 22 | 20 39 | 0 8 | 9 0 | 1 39 | 21 30 | 8 19 | 15 42 | 16 0 | 14 30 | 10 38 | 6 36 |
| T 27 | 8 21 | 6 50 | 2 48 | 4 20 | 0 45 | 18 17 | 0 8 | 18 25 | 1 0 | 22 44 | 0 36 | 22 13 | 0 22 | 20 39 | 0 8 | 9 0 | 1 39 | 21 30 | 8 19 | 15 42 | 16 1 | 14 31 | 10 36 | 6 36 |
| W28 | 7s59 | 2s37 | 3s43 | 3s28 | 0s35 | 18s 1 | 0s11 | 18n36 | 1n 1 | 22s44 | 0n36 | 22n13 | 0s22 | 20n39 | 0s 8 | 8s59 | 1n39 | 21n31 | 8n19 | 15n43 | 16n 1 | 14n33 | 10s35 | 6n36 |

Julian Day Number = 2614474.5, Delta T = 10m58s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'38, Lahiri = 30°05'39


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## MARCH 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 36 24 | 10♓32'33 | 14♈29 | 24♓21 | 10♒40 | 20♉21 | 26♐22 | 14°R32 | 3♊26 | 27°R25 | 23°R24 | 16°R52 | 15♌52 | 27♉14 | 12♒53 | T 1 |
| F 2 | 10 40 20 | 11°32'59 | 26°46 | 26° 5 | 11°54 | 21° 0 | 26°30 | 14♋30 | 3°27 | 27♎24 | 23♌23 | 16♌48 | 15°49 | 27°20 | 12°57 | F 2 |
| S 3 | 10 44 17 | 12°33'23 | 8♉52 | 27°46 | 13° 8 | 21°38 | 26°37 | 14°29 | 3°28 | 27°23 | 23°22 | 16°44 | 15°46 | 27°27 | 13° 2 | S 3 |
| S 4 | 10 48 13 | 13°33'45 | 20°49 | 29°25 | 14°22 | 22°16 | 26°45 | 14°28 | 3°29 | 27°22 | 23°20 | 16°41 | 15°43 | 27°34 | 13° 7 | S 4 |
| M 5 | 10 52 10 | 14°34'06 | 2♊41 | 0♈59 | 15°36 | 22°54 | 26°52 | 14°26 | 3°30 | 27°21 | 23°19 | 16°39 | 15°39 | 27°41 | 13°11 | M 5 |
| T 6 | 10 56 7 | 15°34'24 | 14°34 | 2°30 | 16°50 | 23°33 | 26°59 | 14°25 | 3°31 | 27°20 | 23°18 | 16°D38 | 15°36 | 27°47 | 13°16 | T 6 |
| W 7 | 11 0 3 | 16°34'41 | 26°31 | 3°56 | 18° 3 | 24°11 | 27° 6 | 14°24 | 3°33 | 27°18 | 23°16 | 16°39 | 15°33 | 27°54 | 13°20 | W 7 |
| T 8 | 11 4 0 | 17°34'55 | 8♋38 | 5°17 | 19°17 | 24°49 | 27°12 | 14°23 | 3°34 | 27°17 | 23°15 | 16°40 | 15°30 | 28° 1 | 13°25 | T 8 |
| F 9 | 11 7 56 | 18°35'08 | 20°59 | 6°32 | 20°31 | 25°28 | 27°19 | 14°22 | 3°35 | 27°16 | 23°14 | 16°42 | 15°27 | 28° 7 | 13°30 | F 9 |
| S 10 | 11 11 53 | 19°35'18 | 3♌38 | 7°40 | 21°45 | 26° 6 | 27°25 | 14°22 | 3°37 | 27°15 | 23°13 | 16°43 | 15°24 | 28°14 | 13°34 | S 10 |
| S 11 | 11 15 49 | 20°35'26 | 16°39 | 8°41 | 22°59 | 26°44 | 27°32 | 14°21 | 3°38 | 27°14 | 23°11 | 16°R44 | 15°20 | 28°21 | 13°38 | S 11 |
| M12 | 11 19 46 | 21°35'33 | 0♍ 4 | 9°35 | 24°13 | 27°23 | 27°38 | 14°21 | 3°40 | 27°12 | 23°10 | 16°43 | 15°17 | 28°28 | 13°43 | M12 |
| T 13 | 11 23 42 | 22°35'37 | 13°52 | 10°21 | 25°27 | 28° 1 | 27°44 | 14°20 | 3°41 | 27°11 | 23° 9 | 16°41 | 15°14 | 28°34 | 13°47 | T 13 |
| W14 | 11 27 39 | 23°35'40 | 28° 0 | 10°59 | 26°41 | 28°39 | 27°49 | 14°20 | 3°43 | 27°10 | 23° 8 | 16°36 | 15°11 | 28°41 | 13°52 | W14 |
| T 15 | 11 31 36 | 24°35'41 | 12♎25 | 11°27 | 27°55 | 29°18 | 27°55 | 14°20 | 3°45 | 27° 8 | 23° 6 | 16°31 | 15° 8 | 28°48 | 13°56 | T 15 |
| F 16 | 11 35 32 | 25°35'40 | 27° 0 | 11°47 | 29° 9 | 29°56 | 28° 0 | 14°D20 | 3°46 | 27° 7 | 23° 5 | 16°25 | 15° 4 | 28°54 | 14° 0 | F 16 |
| S 17 | 11 39 29 | 26°35'37 | 11♏37 | 11°58 | 0♓23 | 0♊34 | 28° 6 | 14°20 | 3°48 | 27° 6 | 23° 4 | 16°19 | 15° 1 | 29° 1 | 14° 4 | S 17 |
| S 18 | 11 43 25 | 27°35'33 | 26°11 | 12°R 0 | 1°37 | 1°12 | 28°11 | 14°20 | 3°50 | 27° 4 | 23° 3 | 16°14 | 14°58 | 29° 8 | 14° 8 | S 18 |
| M19 | 11 47 22 | 28°35'27 | 10♐37 | 11°53 | 2°51 | 1°51 | 28°16 | 14°20 | 3°52 | 27° 3 | 23° 2 | 16°11 | 14°55 | 29°15 | 14°12 | M19 |
| T 20 | 11 51 18 | 29°35'19 | 24°49 | 11°38 | 4° 5 | 2°29 | 28°21 | 14°21 | 3°54 | 27° 2 | 23° 1 | 16°D 9 | 14°52 | 29°21 | 14°17 | T 20 |
| W21 | 11 55 15 | 0♈35'10 | 8♑48 | 11°15 | 5°19 | 3° 7 | 28°25 | 14°21 | 3°56 | 27° 0 | 23° 0 | 16° 9 | 14°49 | 29°28 | 14°21 | W21 |
| T 22 | 11 59 11 | 1°35'00 | 22°31 | 10°44 | 6°33 | 3°46 | 28°30 | 14°22 | 3°58 | 26°59 | 22°59 | 16°10 | 14°45 | 29°35 | 14°25 | T 22 |
| F 23 | 12 3 8 | 2°34'47 | 6♒ 0 | 10° 7 | 7°47 | 4°24 | 28°34 | 14°23 | 4° 0 | 26°57 | 22°57 | 16°12 | 14°42 | 29°42 | 14°28 | F 23 |
| S 24 | 12 7 5 | 3°34'33 | 19°17 | 9°24 | 9° 1 | 5° 2 | 28°38 | 14°23 | 4° 2 | 26°56 | 22°56 | 16°R12 | 14°39 | 29°48 | 14°32 | S 24 |
| S 25 | 12 11 1 | 4°34'18 | 2♓21 | 8°36 | 10°15 | 5°41 | 28°42 | 14°24 | 4° 4 | 26°54 | 22°55 | 16°11 | 14°36 | 29°55 | 14°36 | S 25 |
| M26 | 12 14 58 | 5°34'00 | 15°13 | 7°45 | 11°29 | 6°19 | 28°46 | 14°25 | 4° 6 | 26°53 | 22°54 | 16° 7 | 14°33 | 0♊ 2 | 14°40 | M26 |
| T 27 | 12 18 54 | 6°33'40 | 27°55 | 6°52 | 12°43 | 6°57 | 28°50 | 14°27 | 4° 8 | 26°51 | 22°53 | 16° 1 | 14°30 | 0° 8 | 14°44 | T 27 |
| W28 | 12 22 51 | 7°33'19 | 10♈26 | 5°57 | 13°57 | 7°36 | 28°53 | 14°28 | 4°10 | 26°50 | 22°52 | 15°53 | 14°26 | 0°15 | 14°47 | W28 |
| T 29 | 12 26 47 | 8°32'55 | 22°46 | 5° 2 | 15°11 | 8°14 | 28°56 | 14°29 | 4°13 | 26°48 | 22°52 | 15°43 | 14°23 | 0°22 | 14°51 | T 29 |
| F 30 | 12 30 44 | 9°32'29 | 4♉56 | 4° 9 | 16°25 | 8°52 | 28°59 | 14°31 | 4°15 | 26°47 | 22°51 | 15°33 | 14°20 | 0°29 | 14°54 | F 30 |
| S 31 | 12 34 40 | 10♈32'02 | 16♉58 | 3♈17 | 17♓39 | 9♊31 | 29♐ 2 | 14♋32 | 4♊17 | 26♎45 | 22♌50 | 15♌22 | 14♌17 | 0♊35 | 14♒58 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s36 | 1n37 | 4s25 | 2s37 | 0s24 | 17s44 | 0s13 | 18n47 | 1n 1 | 22s44 | 0n36 | 22n14 | 0s22 | 20n39 | 0s 8 | 8s59 | 1n39 | 21n31 | 8n19 | 15n45 | 16n 2 | 14n35 | 10s33 | 6n37 |
| F 2 | 7 13 | 5 43 | 4 55 | 1 45 | 0 13 | 17 26 | 0 16 | 18 57 | 1 2 | 22 44 | 0 36 | 22 14 | 0 22 | 20 40 | 0 8 | 8 59 | 1 39 | 21 32 | 8 19 | 15 46 | 16 3 | 14 36 | 10 32 | 6 37 |
| S 3 | 6 50 | 9 30 | 5 11 | 0 54 | 0 1 | 17 8 | 0 19 | 19 8 | 1 2 | 22 44 | 0 36 | 22 14 | 0 21 | 20 40 | 0 8 | 8 58 | 1 39 | 21 32 | 8 19 | 15 47 | 16 4 | 14 38 | 10 30 | 6 37 |
| S 4 | 6 27 | 12 53 | 5 13 | 0 3 | 0n12 | 16 50 | 0 22 | 19 18 | 1 3 | 22 45 | 0 36 | 22 15 | 0 21 | 20 40 | 0 8 | 8 58 | 1 39 | 21 33 | 8 19 | 15 48 | 16 5 | 14 39 | 10 29 | 6 37 |
| M 5 | 6 4 | 15 43 | 5 1 | 0n46 | 0 25 | 16 31 | 0 25 | 19 28 | 1 3 | 22 45 | 0 36 | 22 15 | 0 21 | 20 40 | 0 8 | 8 57 | 1 39 | 21 33 | 8 19 | 15 48 | 16 6 | 14 41 | 10 27 | 6 38 |
| T 6 | 5 40 | 17 54 | 4 37 | 1 35 | 0 38 | 16 11 | 0 27 | 19 38 | 1 4 | 22 45 | 0 36 | 22 15 | 0 21 | 20 40 | 0 8 | 8 57 | 1 39 | 21 33 | 8 19 | 15 49 | 16 7 | 14 43 | 10 26 | 6 38 |
| W 7 | 5 17 | 19 19 | 4 1 | 2 21 | 0 52 | 15 51 | 0 30 | 19 48 | 1 4 | 22 45 | 0 36 | 22 15 | 0 21 | 20 41 | 0 8 | 8 56 | 1 40 | 21 34 | 8 19 | 15 49 | 16 8 | 14 44 | 10 24 | 6 38 |
| T 8 | 4 54 | 19 53 | 3 13 | 3 6 | 1 6 | 15 31 | 0 33 | 19 58 | 1 5 | 22 45 | 0 36 | 22 16 | 0 21 | 20 41 | 0 8 | 8 56 | 1 40 | 21 34 | 8 19 | 15 48 | 16 9 | 14 46 | 10 23 | 6 38 |
| F 9 | 4 30 | 19 30 | 2 16 | 3 49 | 1 20 | 15 10 | 0 35 | 20 8 | 1 5 | 22 45 | 0 36 | 22 16 | 0 21 | 20 41 | 0 8 | 8 55 | 1 40 | 21 35 | 8 19 | 15 48 | 16 10 | 14 48 | 10 21 | 6 38 |
| S 10 | 4 7 | 18 8 | 1 11 | 4 29 | 1 34 | 14 49 | 0 38 | 20 17 | 1 5 | 22 45 | 0 36 | 22 16 | 0 20 | 20 42 | 0 8 | 8 55 | 1 40 | 21 35 | 8 19 | 15 47 | 16 11 | 14 49 | 10 20 | 6 39 |
| S 11 | 3 43 | 15 48 | 0 0 | 5 6 | 1 48 | 14 27 | 0 40 | 20 27 | 1 6 | 22 45 | 0 36 | 22 16 | 0 20 | 20 42 | 0 8 | 8 55 | 1 40 | 21 35 | 8 19 | 15 47 | 16 12 | 14 51 | 10 19 | 6 39 |
| M12 | 3 20 | 12 33 | 1n12 | 5 40 | 2 2 | 14 5 | 0 43 | 20 36 | 1 6 | 22 46 | 0 36 | 22 17 | 0 20 | 20 42 | 0 8 | 8 54 | 1 40 | 21 36 | 8 19 | 15 47 | 16 13 | 14 53 | 10 17 | 6 39 |
| T 13 | 2 56 | 8 31 | 2 22 | 6 10 | 2 15 | 13 43 | 0 45 | 20 45 | 1 7 | 22 46 | 0 36 | 22 17 | 0 20 | 20 42 | 0 8 | 8 54 | 1 40 | 21 36 | 8 19 | 15 48 | 16 14 | 14 54 | 10 16 | 6 39 |
| W14 | 2 32 | 3 56 | 3 26 | 6 36 | 2 28 | 13 20 | 0 48 | 20 54 | 1 7 | 22 46 | 0 36 | 22 17 | 0 20 | 20 43 | 0 8 | 8 53 | 1 40 | 21 37 | 8 19 | 15 49 | 16 15 | 14 56 | 10 14 | 6 40 |
| T 15 | 2 9 | 0s57 | 4 17 | 6 59 | 2 40 | 12 57 | 0 50 | 21 3 | 1 7 | 22 46 | 0 36 | 22 17 | 0 20 | 20 43 | 0 8 | 8 53 | 1 40 | 21 37 | 8 19 | 15 51 | 16 16 | 14 57 | 10 13 | 6 40 |
| F 16 | 1 45 | 5 50 | 4 52 | 7 17 | 2 52 | 12 33 | 0 52 | 21 11 | 1 8 | 22 46 | 0 36 | 22 17 | 0 20 | 20 43 | 0 8 | 8 52 | 1 40 | 21 37 | 8 19 | 15 53 | 16 16 | 14 59 | 10 11 | 6 40 |
| S 17 | 1 21 | 10 23 | 5 9 | 7 31 | 3 2 | 12 9 | 0 54 | 21 20 | 1 8 | 22 46 | 0 36 | 22 17 | 0 19 | 20 44 | 0 8 | 8 52 | 1 40 | 21 38 | 8 19 | 15 54 | 16 17 | 15 1 | 10 10 | 6 41 |
| S 18 | 0 57 | 14 18 | 5 5 | 7 40 | 3 11 | 11 45 | 0 57 | 21 28 | 1 8 | 22 46 | 0 36 | 22 17 | 0 19 | 20 44 | 0 8 | 8 51 | 1 40 | 21 38 | 8 18 | 15 56 | 16 18 | 15 2 | 10 8 | 6 41 |
| M19 | 0 34 | 17 20 | 4 42 | 7 44 | 3 18 | 11 21 | 0 59 | 21 36 | 1 9 | 22 46 | 0 36 | 22 18 | 0 19 | 20 45 | 0 8 | 8 50 | 1 40 | 21 38 | 8 18 | 15 57 | 16 19 | 15 4 | 10 7 | 6 41 |
| T 20 | 0 10 | 19 15 | 4 2 | 7 44 | 3 24 | 10 56 | 1 1 | 21 44 | 1 9 | 22 46 | 0 36 | 22 18 | 0 19 | 20 45 | 0 8 | 8 50 | 1 40 | 21 39 | 8 18 | 15 57 | 16 20 | 15 6 | 10 5 | 6 42 |
| W21 | 0n14 | 19 57 | 3 8 | 7 38 | 3 29 | 10 31 | 1 3 | 21 52 | 1 9 | 22 46 | 0 36 | 22 18 | 0 19 | 20 45 | 0 8 | 8 49 | 1 40 | 21 39 | 8 18 | 15 57 | 16 21 | 15 7 | 10 4 | 6 42 |
| T 22 | 0 38 | 19 27 | 2 5 | 7 29 | 3 32 | 10 5 | 1 5 | 21 59 | 1 10 | 22 46 | 0 36 | 22 18 | 0 19 | 20 46 | 0 8 | 8 49 | 1 40 | 21 39 | 8 18 | 15 57 | 16 22 | 15 9 | 10 3 | 6 42 |
| F 23 | 1 1 | 17 50 | 0 55 | 7 15 | 3 32 | 9 39 | 1 6 | 22 7 | 1 10 | 22 46 | 0 36 | 22 18 | 0 19 | 20 46 | 0 8 | 8 48 | 1 40 | 21 40 | 8 18 | 15 57 | 16 23 | 15 10 | 10 1 | 6 43 |
| S 24 | 1 25 | 15 16 | 0s17 | 6 57 | 3 31 | 9 13 | 1 8 | 22 14 | 1 10 | 22 46 | 0 36 | 22 18 | 0 19 | 20 46 | 0 8 | 8 48 | 1 40 | 21 40 | 8 18 | 15 56 | 16 24 | 15 12 | 10 0 | 6 43 |
| S 25 | 1 49 | 11 57 | 1 26 | 6 36 | 3 28 | 8 47 | 1 10 | 22 21 | 1 10 | 22 46 | 0 36 | 22 18 | 0 18 | 20 47 | 0 8 | 8 47 | 1 40 | 21 40 | 8 18 | 15 57 | 16 25 | 15 14 | 9 58 | 6 43 |
| M26 | 2 12 | 8 7 | 2 30 | 6 11 | 3 23 | 8 21 | 1 12 | 22 28 | 1 11 | 22 46 | 0 36 | 22 18 | 0 18 | 20 47 | 0 8 | 8 47 | 1 40 | 21 40 | 8 18 | 15 58 | 16 26 | 15 15 | 9 57 | 6 44 |
| T 27 | 2 36 | 3 58 | 3 25 | 5 43 | 3 16 | 7 54 | 1 13 | 22 35 | 1 11 | 22 46 | 0 36 | 22 18 | 0 18 | 20 48 | 0 8 | 8 46 | 1 40 | 21 41 | 8 18 | 16 0 | 16 27 | 15 17 | 9 56 | 6 44 |
| W28 | 2 59 | 0n18 | 4 9 | 5 14 | 3 8 | 7 27 | 1 15 | 22 42 | 1 11 | 22 46 | 0 36 | 22 18 | 0 18 | 20 48 | 0 8 | 8 46 | 1 40 | 21 41 | 8 18 | 16 2 | 16 28 | 15 18 | 9 54 | 6 44 |
| T 29 | 3 23 | 4 29 | 4 41 | 4 43 | 2 58 | 7 0 | 1 16 | 22 48 | 1 12 | 22 46 | 0 36 | 22 18 | 0 18 | 20 49 | 0 8 | 8 45 | 1 40 | 21 41 | 8 18 | 16 5 | 16 28 | 15 20 | 9 53 | 6 45 |
| F 30 | 3 46 | 8 25 | 5 0 | 4 11 | 2 46 | 6 32 | 1 18 | 22 54 | 1 12 | 22 46 | 0 36 | 22 18 | 0 18 | 20 49 | 0 8 | 8 44 | 1 40 | 21 41 | 8 18 | 16 8 | 16 29 | 15 22 | 9 52 | 6 45 |
| S 31 | 4n10 | 11n59 | 5s 5 | 3n39 | 2n33 | 6s 5 | 1s19 | 23n 0 | 1n12 | 22s46 | 0n36 | 22n18 | 0s18 | 20n49 | 0s 8 | 8s44 | 1n40 | 21n41 | 8n17 | 16n11 | 16n30 | 15n23 | 9s50 | 6n45 |

Julian Day Number = 2614502.5, Delta T = 10m58s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'42, Lahiri = 30°05'43


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## APRIL 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 38 37 | 11♈31'32 | 28♉53 | 2°R29 | 18♓53 | 10♊ 9 | 29♐ 5 | 14♋34 | 4♊20 | 26°R44 | 22°R49 | 15°R13 | 14♌14 | 0♊42 | 15♒ 1 | S 1 |
| M 2 | 12 42 33 | 12°31'00 | 10♊45 | 1♈44 | 20° 7 | 10°47 | 29° 8 | 14°36 | 4°22 | 26♎42 | 22♌48 | 15♌ 6 | 14°10 | 0°49 | 15° 5 | M 2 |
| T 3 | 12 46 30 | 13°30'26 | 22°36 | 1° 4 | 21°21 | 11°26 | 29°10 | 14°38 | 4°24 | 26°40 | 22°47 | 15° 1 | 14° 7 | 0°55 | 15° 8 | T 3 |
| W 4 | 12 50 27 | 14°29'49 | 4♋30 | 0°29 | 22°35 | 12° 4 | 29°12 | 14°40 | 4°27 | 26°39 | 22°46 | 14°59 | 14° 4 | 1° 2 | 15°12 | W 4 |
| T 5 | 12 54 23 | 15°29'10 | 16°34 | 29♓59 | 23°49 | 12°42 | 29°14 | 14°42 | 4°30 | 26°37 | 22°46 | 14°D58 | 14° 1 | 1° 9 | 15°15 | T 5 |
| F 6 | 12 58 20 | 16°28'29 | 28°52 | 29°35 | 25° 3 | 13°21 | 29°16 | 14°44 | 4°32 | 26°36 | 22°45 | 14°59 | 13°58 | 1°16 | 15°18 | F 6 |
| S 7 | 13 2 16 | 17°27'46 | 11♌29 | 29°16 | 26°17 | 13°59 | 29°18 | 14°47 | 4°35 | 26°34 | 22°44 | 15°R 0 | 13°55 | 1°22 | 15°21 | S 7 |
| S 8 | 13 6 13 | 18°27'00 | 24°29 | 29° 3 | 27°31 | 14°37 | 29°19 | 14°49 | 4°37 | 26°32 | 22°43 | 14°59 | 13°51 | 1°29 | 15°24 | S 8 |
| M 9 | 13 10 9 | 19°26'12 | 7♍56 | 28°56 | 28°45 | 15°15 | 29°20 | 14°52 | 4°40 | 26°31 | 22°43 | 14°57 | 13°48 | 1°36 | 15°27 | M 9 |
| T 10 | 13 14 6 | 20°25'22 | 21°52 | 28°D55 | 29°59 | 15°54 | 29°21 | 14°55 | 4°43 | 26°29 | 22°42 | 14°52 | 13°45 | 1°42 | 15°30 | T 10 |
| W11 | 13 18 2 | 21°24'30 | 6♎15 | 28°59 | 1♈13 | 16°32 | 29°22 | 14°57 | 4°45 | 26°28 | 22°41 | 14°45 | 13°42 | 1°49 | 15°33 | W11 |
| T 12 | 13 21 59 | 22°23'35 | 20°59 | 29° 8 | 2°27 | 17°10 | 29°23 | 15° 0 | 4°48 | 26°26 | 22°41 | 14°36 | 13°39 | 1°56 | 15°36 | T 12 |
| F 13 | 13 25 56 | 23°22'39 | 5♏58 | 29°23 | 3°41 | 17°48 | 29°23 | 15° 3 | 4°51 | 26°24 | 22°40 | 14°26 | 13°35 | 2° 3 | 15°38 | F 13 |
| S 14 | 13 29 52 | 24°21'40 | 21° 2 | 29°42 | 4°55 | 18°27 | 29°24 | 15° 6 | 4°54 | 26°23 | 22°40 | 14°16 | 13°32 | 2° 9 | 15°41 | S 14 |
| S 15 | 13 33 49 | 25°20'40 | 6♐ 1 | 0♈ 7 | 6° 8 | 19° 5 | 29°R24 | 15° 9 | 4°57 | 26°21 | 22°39 | 14° 7 | 13°29 | 2°16 | 15°44 | S 15 |
| M16 | 13 37 45 | 26°19'38 | 20°46 | 0°35 | 7°22 | 19°43 | 29°24 | 15°13 | 5° 0 | 26°19 | 22°39 | 14° 0 | 13°26 | 2°23 | 15°46 | M16 |
| T 17 | 13 41 42 | 27°18'34 | 5♑12 | 1° 8 | 8°36 | 20°21 | 29°24 | 15°16 | 5° 2 | 26°18 | 22°38 | 13°56 | 13°23 | 2°29 | 15°49 | T 17 |
| W18 | 13 45 38 | 28°17'29 | 19°16 | 1°45 | 9°50 | 20°59 | 29°23 | 15°20 | 5° 5 | 26°16 | 22°38 | 13°55 | 13°20 | 2°36 | 15°51 | W18 |
| T 19 | 13 49 35 | 29°16'22 | 2♒58 | 2°26 | 11° 4 | 21°38 | 29°23 | 15°23 | 5° 8 | 26°14 | 22°37 | 13°D54 | 13°16 | 2°43 | 15°54 | T 19 |
| F 20 | 13 53 31 | 0♉15'13 | 16°19 | 3°11 | 12°18 | 22°16 | 29°22 | 15°27 | 5°11 | 26°13 | 22°37 | 13°R54 | 13°13 | 2°50 | 15°56 | F 20 |
| S 21 | 13 57 28 | 1°14'02 | 29°22 | 3°59 | 13°32 | 22°54 | 29°21 | 15°31 | 5°14 | 26°11 | 22°36 | 13°54 | 13°10 | 2°56 | 15°58 | S 21 |
| S 22 | 14 1 25 | 2°12'50 | 12♓10 | 4°51 | 14°46 | 23°32 | 29°20 | 15°34 | 5°17 | 26° 9 | 22°36 | 13°51 | 13° 7 | 3° 3 | 16° 0 | S 22 |
| M23 | 14 5 21 | 3°11'36 | 24°45 | 5°45 | 16° 0 | 24°10 | 29°18 | 15°38 | 5°20 | 26° 8 | 22°36 | 13°45 | 13° 4 | 3°10 | 16° 3 | M23 |
| T 24 | 14 9 18 | 4°10'20 | 7♈ 9 | 6°43 | 17°14 | 24°49 | 29°17 | 15°42 | 5°24 | 26° 6 | 22°35 | 13°37 | 13° 1 | 3°16 | 16° 5 | T 24 |
| W25 | 14 13 14 | 5° 9'03 | 19°25 | 7°43 | 18°28 | 25°27 | 29°15 | 15°47 | 5°27 | 26° 5 | 22°35 | 13°26 | 12°57 | 3°23 | 16° 7 | W25 |
| T 26 | 14 17 11 | 6° 7'43 | 1♉34 | 8°46 | 19°42 | 26° 5 | 29°13 | 15°51 | 5°30 | 26° 3 | 22°35 | 13°12 | 12°54 | 3°30 | 16° 8 | T 26 |
| F 27 | 14 21 7 | 7° 6'22 | 13°36 | 9°52 | 20°56 | 26°43 | 29°11 | 15°55 | 5°33 | 26° 1 | 22°35 | 12°58 | 12°51 | 3°37 | 16°10 | F 27 |
| S 28 | 14 25 4 | 8° 4'58 | 25°32 | 11° 1 | 22° 9 | 27°21 | 29° 9 | 15°59 | 5°36 | 26° 0 | 22°34 | 12°44 | 12°48 | 3°43 | 16°12 | S 28 |
| S 29 | 14 29 0 | 9° 3'33 | 7♊24 | 12°11 | 23°23 | 27°59 | 29° 6 | 16° 4 | 5°39 | 25°58 | 22°34 | 12°31 | 12°45 | 3°50 | 16°14 | S 29 |
| M30 | 14 32 57 | 10♉ 2'06 | 19♊14 | 13♈24 | 24♈37 | 28♊37 | 29♐ 3 | 16♋ 8 | 5♊43 | 25♎57 | 22♌34 | 12♌21 | 12♌41 | 3♊57 | 16♒15 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n33 | 15n 2 | 4s56 | 3n 7 | 2n19 | 5s37 | 1s20 | 23n 6 | 1n12 | 22s46 | 0n36 | 22n18 | 0s17 | 20n50 | 0s 8 | 8s43 | 1n40 | 21n42 | 8n17 | 16n14 | 16n31 | 15n25 | 9s49 | 6n46 |
| M 2 | 4 56 | 17 27 | 4 35 | 2 36 | 2 5 | 5 9 | 1 22 | 23 12 | 1 12 | 22 46 | 0 36 | 22 18 | 0 17 | 20 50 | 0 8 | 8 43 | 1 40 | 21 42 | 8 17 | 16 16 | 16 32 | 15 26 | 9 48 | 6 46 |
| T 3 | 5 19 | 19 8 | 4 2 | 2 6 | 1 50 | 4 41 | 1 23 | 23 18 | 1 13 | 22 46 | 0 36 | 22 18 | 0 17 | 20 51 | 0 8 | 8 42 | 1 40 | 21 42 | 8 17 | 16 17 | 16 33 | 15 28 | 9 46 | 6 46 |
| W 4 | 5 42 | 20 0 | 3 19 | 1 38 | 1 34 | 4 13 | 1 24 | 23 23 | 1 13 | 22 46 | 0 36 | 22 17 | 0 17 | 20 51 | 0 8 | 8 41 | 1 40 | 21 42 | 8 17 | 16 18 | 16 34 | 15 30 | 9 45 | 6 47 |
| T 5 | 6 5 | 19 57 | 2 26 | 1 11 | 1 18 | 3 45 | 1 25 | 23 28 | 1 13 | 22 46 | 0 36 | 22 17 | 0 17 | 20 52 | 0 8 | 8 41 | 1 40 | 21 42 | 8 17 | 16 18 | 16 35 | 15 31 | 9 44 | 6 47 |
| F 6 | 6 28 | 18 57 | 1 25 | 0 47 | 1 2 | 3 17 | 1 26 | 23 33 | 1 13 | 22 46 | 0 36 | 22 17 | 0 17 | 20 52 | 0 8 | 8 40 | 1 40 | 21 43 | 8 17 | 16 18 | 16 36 | 15 33 | 9 42 | 6 48 |
| S 7 | 6 50 | 17 0 | 0 19 | 0 25 | 0 47 | 2 48 | 1 27 | 23 38 | 1 14 | 22 46 | 0 36 | 22 17 | 0 17 | 20 53 | 0 8 | 8 40 | 1 40 | 21 43 | 8 17 | 16 18 | 16 37 | 15 34 | 9 41 | 6 48 |
| S 8 | 7 13 | 14 7 | 0n50 | 0 6 | 0 31 | 2 19 | 1 27 | 23 43 | 1 14 | 22 46 | 0 36 | 22 17 | 0 17 | 20 53 | 0 8 | 8 39 | 1 40 | 21 43 | 8 17 | 16 18 | 16 38 | 15 36 | 9 40 | 6 48 |
| M 9 | 7 35 | 10 25 | 1 59 | 0s11 | 0 16 | 1 51 | 1 28 | 23 47 | 1 14 | 22 46 | 0 36 | 22 17 | 0 16 | 20 54 | 0 8 | 8 38 | 1 40 | 21 43 | 8 16 | 16 19 | 16 39 | 15 38 | 9 39 | 6 49 |
| T 10 | 7 58 | 6 1 | 3 3 | 0 25 | 0 1 | 1 22 | 1 29 | 23 52 | 1 14 | 22 46 | 0 36 | 22 17 | 0 16 | 20 54 | 0 7 | 8 38 | 1 40 | 21 43 | 8 16 | 16 20 | 16 39 | 15 39 | 9 37 | 6 49 |
| W11 | 8 20 | 1 10 | 3 57 | 0 37 | 0s13 | 0 53 | 1 29 | 23 56 | 1 14 | 22 46 | 0 36 | 22 16 | 0 16 | 20 55 | 0 7 | 8 37 | 1 40 | 21 43 | 8 16 | 16 22 | 16 40 | 15 41 | 9 36 | 6 50 |
| T 12 | 8 42 | 3s53 | 4 37 | 0 45 | 0 27 | 0 24 | 1 30 | 24 0 | 1 14 | 22 46 | 0 36 | 22 16 | 0 16 | 20 55 | 0 7 | 8 37 | 1 41 | 21 43 | 8 16 | 16 25 | 16 41 | 15 42 | 9 35 | 6 50 |
| F 13 | 9 4 | 8 46 | 4 59 | 0 52 | 0 40 | 0n 4 | 1 30 | 24 4 | 1 15 | 22 46 | 0 36 | 22 16 | 0 16 | 20 56 | 0 7 | 8 36 | 1 41 | 21 43 | 8 16 | 16 28 | 16 42 | 15 44 | 9 34 | 6 51 |
| S 14 | 9 25 | 13 8 | 5 0 | 0 56 | 0 53 | 0 33 | 1 31 | 24 7 | 1 15 | 22 46 | 0 36 | 22 16 | 0 16 | 20 56 | 0 7 | 8 35 | 1 41 | 21 43 | 8 16 | 16 31 | 16 43 | 15 45 | 9 32 | 6 51 |
| S 15 | 9 47 | 16 39 | 4 41 | 0 57 | 1 5 | 1 2 | 1 31 | 24 11 | 1 15 | 22 46 | 0 36 | 22 16 | 0 16 | 20 57 | 0 7 | 8 35 | 1 41 | 21 43 | 8 16 | 16 33 | 16 44 | 15 47 | 9 31 | 6 51 |
| M16 | 10 8 | 19 1 | 4 3 | 0 56 | 1 17 | 1 31 | 1 31 | 24 14 | 1 15 | 22 46 | 0 36 | 22 15 | 0 16 | 20 57 | 0 7 | 8 34 | 1 41 | 21 43 | 8 15 | 16 35 | 16 45 | 15 49 | 9 30 | 6 52 |
| T 17 | 10 29 | 20 7 | 3 10 | 0 53 | 1 27 | 2 0 | 1 32 | 24 17 | 1 15 | 22 46 | 0 36 | 22 15 | 0 15 | 20 58 | 0 7 | 8 34 | 1 41 | 21 43 | 8 15 | 16 36 | 16 46 | 15 50 | 9 29 | 6 52 |
| W18 | 10 50 | 19 55 | 2 7 | 0 48 | 1 37 | 2 29 | 1 32 | 24 20 | 1 15 | 22 46 | 0 36 | 22 15 | 0 15 | 20 58 | 0 7 | 8 33 | 1 41 | 21 43 | 8 15 | 16 37 | 16 47 | 15 52 | 9 28 | 6 53 |
| T 19 | 11 11 | 18 31 | 0 58 | 0 40 | 1 47 | 2 58 | 1 32 | 24 22 | 1 15 | 22 46 | 0 36 | 22 15 | 0 15 | 20 59 | 0 7 | 8 33 | 1 41 | 21 43 | 8 15 | 16 37 | 16 48 | 15 53 | 9 27 | 6 53 |
| F 20 | 11 32 | 16 7 | 0s13 | 0 30 | 1 55 | 3 26 | 1 32 | 24 25 | 1 16 | 22 46 | 0 36 | 22 14 | 0 15 | 20 59 | 0 7 | 8 32 | 1 41 | 21 43 | 8 15 | 16 37 | 16 49 | 15 55 | 9 26 | 6 54 |
| S 21 | 11 52 | 12 56 | 1 21 | 0 19 | 2 4 | 3 55 | 1 32 | 24 27 | 1 16 | 22 46 | 0 36 | 22 14 | 0 15 | 21 0 | 0 7 | 8 31 | 1 41 | 21 43 | 8 15 | 16 37 | 16 49 | 15 56 | 9 25 | 6 54 |
| S 22 | 12 13 | 9 12 | 2 24 | 0 5 | 2 11 | 4 24 | 1 32 | 24 29 | 1 16 | 22 46 | 0 36 | 22 14 | 0 15 | 21 1 | 0 7 | 8 31 | 1 41 | 21 43 | 8 15 | 16 38 | 16 50 | 15 58 | 9 23 | 6 55 |
| M23 | 12 33 | 5 7 | 3 18 | 0n10 | 2 18 | 4 52 | 1 31 | 24 31 | 1 16 | 22 46 | 0 36 | 22 13 | 0 15 | 21 1 | 0 7 | 8 30 | 1 41 | 21 43 | 8 14 | 16 39 | 16 51 | 15 59 | 9 22 | 6 55 |
| T 24 | 12 53 | 0 52 | 4 2 | 0 27 | 2 24 | 5 21 | 1 31 | 24 33 | 1 16 | 22 46 | 0 36 | 22 13 | 0 15 | 21 2 | 0 7 | 8 30 | 1 41 | 21 43 | 8 14 | 16 42 | 16 52 | 16 1 | 9 21 | 6 56 |
| W25 | 13 12 | 3n21 | 4 34 | 0 46 | 2 29 | 5 49 | 1 31 | 24 34 | 1 16 | 22 46 | 0 36 | 22 13 | 0 15 | 21 2 | 0 7 | 8 29 | 1 41 | 21 43 | 8 14 | 16 45 | 16 53 | 16 3 | 9 20 | 6 56 |
| T 26 | 13 32 | 7 24 | 4 54 | 1 6 | 2 34 | 6 17 | 1 30 | 24 35 | 1 16 | 22 46 | 0 36 | 22 12 | 0 14 | 21 3 | 0 7 | 8 28 | 1 41 | 21 43 | 8 14 | 16 49 | 16 54 | 16 4 | 9 19 | 6 57 |
| F 27 | 13 51 | 11 7 | 5 0 | 1 28 | 2 38 | 6 45 | 1 30 | 24 37 | 1 16 | 22 46 | 0 36 | 22 12 | 0 14 | 21 3 | 0 7 | 8 28 | 1 41 | 21 43 | 8 14 | 16 53 | 16 55 | 16 6 | 9 18 | 6 57 |
| S 28 | 14 10 | 14 22 | 4 52 | 1 52 | 2 42 | 7 13 | 1 29 | 24 38 | 1 16 | 22 46 | 0 36 | 22 11 | 0 14 | 21 4 | 0 7 | 8 27 | 1 41 | 21 43 | 8 14 | 16 57 | 16 56 | 16 7 | 9 17 | 6 57 |
| S 29 | 14 29 | 17 1 | 4 32 | 2 16 | 2 45 | 7 41 | 1 29 | 24 38 | 1 16 | 22 46 | 0 36 | 22 11 | 0 14 | 21 5 | 0 7 | 8 27 | 1 41 | 21 43 | 8 14 | 17 0 | 16 57 | 16 9 | 9 16 | 6 58 |
| M30 | 14n47 | 18n57 | 4s 1 | 2n42 | 2s47 | 8n 9 | 1s28 | 24n39 | 1n17 | 22s46 | 0n36 | 22n11 | 0s14 | 21n 5 | 0s 7 | 8s26 | 1n40 | 21n43 | 8n13 | 17n 3 | 16n57 | 16n10 | 9s16 | 6n58 |

Julian Day Number = 2614533.5, Delta T = 10m59s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'46, Lahiri = 30°05'47


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## MAY 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 36 54 | 11♉ 0'37 | 1♋ 5 | 14♈40 | 25♈51 | 29♊16 | 29°R 1 | 16♋13 | 5♊46 | 25°R55 | 22°R34 | 12°R14 | 12♌38 | 4♊ 3 | 16♒17 | T 1 |
| W 2 | 14 40 50 | 11°59'05 | 12°59 | 15°58 | 27° 5 | 29°54 | 28♐58 | 16°18 | 5°49 | 25♎53 | 22♌34 | 12♌ 9 | 12°35 | 4°10 | 16°18 | W 2 |
| T 3 | 14 44 47 | 12°57'32 | 25° 1 | 17°17 | 28°19 | 0♋32 | 28°54 | 16°23 | 5°52 | 25°52 | 22°34 | 12° 7 | 12°32 | 4°17 | 16°20 | T 3 |
| F 4 | 14 48 43 | 13°55'57 | 7♌17 | 18°39 | 29°33 | 1°10 | 28°51 | 16°27 | 5°56 | 25°50 | 22°D34 | 12° 6 | 12°29 | 4°24 | 16°21 | F 4 |
| S 5 | 14 52 40 | 14°54'19 | 19°49 | 20° 3 | 0♉46 | 1°48 | 28°48 | 16°32 | 5°59 | 25°49 | 22°34 | 12° 6 | 12°26 | 4°30 | 16°22 | S 5 |
| S 6 | 14 56 36 | 15°52'39 | 2♍45 | 21°29 | 2° 0 | 2°26 | 28°44 | 16°37 | 6° 2 | 25°47 | 22°34 | 12° 5 | 12°22 | 4°37 | 16°24 | S 6 |
| M 7 | 15 0 33 | 16°50'58 | 16° 8 | 22°57 | 3°14 | 3° 4 | 28°40 | 16°43 | 6° 6 | 25°46 | 22°34 | 12° 3 | 12°19 | 4°44 | 16°25 | M 7 |
| T 8 | 15 4 29 | 17°49'14 | 0♎ 1 | 24°27 | 4°28 | 3°42 | 28°36 | 16°48 | 6° 9 | 25°44 | 22°34 | 11°58 | 12°16 | 4°50 | 16°26 | T 8 |
| W 9 | 15 8 26 | 18°47'28 | 14°23 | 25°59 | 5°42 | 4°20 | 28°32 | 16°53 | 6°12 | 25°43 | 22°34 | 11°51 | 12°13 | 4°57 | 16°27 | W 9 |
| T 10 | 15 12 23 | 19°45'40 | 29°12 | 27°32 | 6°55 | 4°58 | 28°27 | 16°58 | 6°16 | 25°41 | 22°34 | 11°41 | 12°10 | 5° 4 | 16°28 | T 10 |
| F 11 | 15 16 19 | 20°43'50 | 14♏20 | 29° 8 | 8° 9 | 5°36 | 28°23 | 17° 4 | 6°19 | 25°40 | 22°35 | 11°31 | 12° 7 | 5°11 | 16°29 | F 11 |
| S 12 | 15 20 16 | 21°41'59 | 29°38 | 0♉46 | 9°23 | 6°14 | 28°18 | 17° 9 | 6°22 | 25°38 | 22°35 | 11°20 | 12° 3 | 5°17 | 16°29 | S 12 |
| S 13 | 15 24 12 | 22°40'06 | 14♐54 | 2°25 | 10°37 | 6°52 | 28°13 | 17°15 | 6°26 | 25°37 | 22°35 | 11°11 | 12° 0 | 5°24 | 16°30 | S 13 |
| M14 | 15 28 9 | 23°38'12 | 29°57 | 4° 7 | 11°50 | 7°30 | 28° 8 | 17°20 | 6°29 | 25°35 | 22°35 | 11° 3 | 11°57 | 5°31 | 16°31 | M14 |
| T 15 | 15 32 5 | 24°36'16 | 14♑39 | 5°50 | 13° 4 | 8° 8 | 28° 3 | 17°26 | 6°33 | 25°34 | 22°36 | 10°59 | 11°54 | 5°37 | 16°31 | T 15 |
| W16 | 15 36 2 | 25°34'19 | 28°55 | 7°35 | 14°18 | 8°46 | 27°58 | 17°32 | 6°36 | 25°33 | 22°36 | 10°57 | 11°51 | 5°44 | 16°32 | W16 |
| T 17 | 15 39 58 | 26°32'21 | 12♒45 | 9°22 | 15°32 | 9°24 | 27°53 | 17°38 | 6°40 | 25°31 | 22°36 | 10°D56 | 11°47 | 5°51 | 16°32 | T 17 |
| F 18 | 15 43 55 | 27°30'21 | 26° 9 | 11°12 | 16°46 | 10° 2 | 27°47 | 17°43 | 6°43 | 25°30 | 22°37 | 10°R57 | 11°44 | 5°58 | 16°32 | F 18 |
| S 19 | 15 47 52 | 28°28'20 | 9♓10 | 13° 3 | 17°59 | 10°40 | 27°41 | 17°49 | 6°47 | 25°29 | 22°37 | 10°56 | 11°41 | 6° 4 | 16°33 | S 19 |
| S 20 | 15 51 48 | 29°26'17 | 21°51 | 14°56 | 19°13 | 11°18 | 27°36 | 17°55 | 6°50 | 25°27 | 22°37 | 10°54 | 11°38 | 6°11 | 16°33 | S 20 |
| M21 | 15 55 45 | 0♊24'13 | 4♈17 | 16°50 | 20°27 | 11°56 | 27°30 | 18° 1 | 6°54 | 25°26 | 22°38 | 10°50 | 11°35 | 6°18 | 16°33 | M21 |
| T 22 | 15 59 41 | 1°22'08 | 16°32 | 18°47 | 21°41 | 12°34 | 27°24 | 18° 8 | 6°57 | 25°25 | 22°38 | 10°42 | 11°32 | 6°24 | 16°R33 | T 22 |
| W23 | 16 3 38 | 2°20'02 | 28°38 | 20°46 | 22°54 | 13°12 | 27°17 | 18°14 | 7° 1 | 25°24 | 22°39 | 10°33 | 11°28 | 6°31 | 16°33 | W23 |
| T 24 | 16 7 34 | 3°17'54 | 10♉37 | 22°46 | 24° 8 | 13°50 | 27°11 | 18°20 | 7° 4 | 25°22 | 22°39 | 10°21 | 11°25 | 6°38 | 16°33 | T 24 |
| F 25 | 16 11 31 | 4°15'45 | 22°32 | 24°49 | 25°22 | 14°28 | 27° 5 | 18°26 | 7° 8 | 25°21 | 22°40 | 10° 9 | 11°22 | 6°44 | 16°33 | F 25 |
| S 26 | 16 15 27 | 5°13'35 | 4♊24 | 26°53 | 26°36 | 15° 6 | 26°58 | 18°33 | 7°11 | 25°20 | 22°40 | 9°57 | 11°19 | 6°51 | 16°33 | S 26 |
| S 27 | 16 19 24 | 6°11'24 | 16°15 | 28°58 | 27°49 | 15°43 | 26°52 | 18°39 | 7°15 | 25°19 | 22°41 | 9°46 | 11°16 | 6°58 | 16°32 | S 27 |
| M28 | 16 23 21 | 7° 9'11 | 28° 6 | 1♊ 5 | 29° 3 | 16°21 | 26°45 | 18°46 | 7°18 | 25°18 | 22°42 | 9°37 | 11°13 | 7° 5 | 16°32 | M28 |
| T 29 | 16 27 17 | 8° 6'56 | 9♋59 | 3°13 | 0♊17 | 16°59 | 26°38 | 18°52 | 7°22 | 25°17 | 22°42 | 9°30 | 11° 9 | 7°11 | 16°31 | T 29 |
| W30 | 16 31 14 | 9° 4'40 | 21°57 | 5°23 | 1°30 | 17°37 | 26°31 | 18°59 | 7°25 | 25°15 | 22°43 | 9°26 | 11° 6 | 7°18 | 16°31 | W30 |
| T 31 | 16 35 10 | 10♊ 2'23 | 4♌ 3 | 7♊33 | 2♊44 | 18♋15 | 26♐24 | 19♋ 5 | 7♊29 | 25♎14 | 22♌44 | 9°D25 | 11♌ 3 | 7♊25 | 16♒30 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 15n 6 | 20n 4 | 3s18 | 3n10 | 2s49 | 8n36 | 1s27 | 24n39 | 1n17 | 22s46 | 0n36 | 22n10 | 0s14 | 21n 6 | 0s 7 | 8s26 | 1n40 | 21n43 | 8n13 | 17n 5 | 16n58 | 16n12 | 9s15 | 6n59 |
| W 2 | 15 24 | 20 18 | 2 27 | 3 38 | 2 50 | 9 4 | 1 27 | 24 39 | 1 17 | 22 46 | 0 36 | 22 10 | 0 14 | 21 6 | 0 7 | 8 25 | 1 40 | 21 43 | 8 13 | 17 7 | 16 59 | 16 13 | 9 14 | 6 59 |
| T 3 | 15 41 | 19 37 | 1 29 | 4 8 | 2 51 | 9 31 | 1 26 | 24 39 | 1 17 | 22 46 | 0 36 | 22 9 | 0 14 | 21 7 | 0 7 | 8 24 | 1 40 | 21 43 | 8 13 | 17 7 | 17 0 | 16 15 | 9 13 | 7 0 |
| F 4 | 15 59 | 18 0 | 0 26 | 4 39 | 2 51 | 9 58 | 1 25 | 24 39 | 1 17 | 22 46 | 0 36 | 22 9 | 0 13 | 21 7 | 0 7 | 8 24 | 1 40 | 21 42 | 8 13 | 17 7 | 17 1 | 16 16 | 9 12 | 7 0 |
| S 5 | 16 16 | 15 29 | 0n41 | 5 11 | 2 51 | 10 24 | 1 24 | 24 39 | 1 17 | 22 46 | 0 36 | 22 8 | 0 13 | 21 8 | 0 7 | 8 23 | 1 40 | 21 42 | 8 13 | 17 7 | 17 2 | 16 18 | 9 11 | 7 1 |
| S 6 | 16 33 | 12 8 | 1 47 | 5 44 | 2 50 | 10 51 | 1 23 | 24 38 | 1 17 | 22 46 | 0 36 | 22 8 | 0 13 | 21 9 | 0 7 | 8 23 | 1 40 | 21 42 | 8 13 | 17 8 | 17 3 | 16 19 | 9 10 | 7 1 |
| M 7 | 16 50 | 8 4 | 2 50 | 6 18 | 2 48 | 11 17 | 1 22 | 24 38 | 1 17 | 22 46 | 0 36 | 22 7 | 0 13 | 21 9 | 0 7 | 8 22 | 1 40 | 21 42 | 8 12 | 17 8 | 17 4 | 16 21 | 9 10 | 7 2 |
| T 8 | 17 6 | 3 26 | 3 44 | 6 53 | 2 46 | 11 43 | 1 20 | 24 37 | 1 17 | 22 46 | 0 36 | 22 7 | 0 13 | 21 10 | 0 7 | 8 22 | 1 40 | 21 42 | 8 12 | 17 10 | 17 5 | 16 22 | 9 9 | 7 2 |
| W 9 | 17 22 | 1s33 | 4 27 | 7 29 | 2 43 | 12 8 | 1 19 | 24 36 | 1 17 | 22 46 | 0 36 | 22 6 | 0 13 | 21 10 | 0 7 | 8 21 | 1 40 | 21 42 | 8 12 | 17 12 | 17 5 | 16 24 | 9 8 | 7 3 |
| T 10 | 17 38 | 6 35 | 4 54 | 8 5 | 2 40 | 12 34 | 1 18 | 24 34 | 1 17 | 22 46 | 0 36 | 22 6 | 0 13 | 21 11 | 0 7 | 8 21 | 1 40 | 21 41 | 8 12 | 17 14 | 17 6 | 16 25 | 9 7 | 7 3 |
| F 11 | 17 53 | 11 19 | 5 0 | 8 43 | 2 36 | 12 59 | 1 17 | 24 33 | 1 17 | 22 46 | 0 36 | 22 5 | 0 13 | 21 12 | 0 7 | 8 20 | 1 40 | 21 41 | 8 12 | 17 17 | 17 7 | 16 27 | 9 7 | 7 4 |
| S 12 | 18 9 | 15 22 | 4 46 | 9 21 | 2 31 | 13 24 | 1 15 | 24 31 | 1 17 | 22 46 | 0 36 | 22 4 | 0 13 | 21 12 | 0 7 | 8 20 | 1 40 | 21 41 | 8 12 | 17 20 | 17 8 | 16 28 | 9 6 | 7 4 |
| S 13 | 18 24 | 18 22 | 4 11 | 9 59 | 2 27 | 13 48 | 1 14 | 24 29 | 1 17 | 22 46 | 0 36 | 22 4 | 0 12 | 21 13 | 0 7 | 8 19 | 1 40 | 21 41 | 8 11 | 17 23 | 17 9 | 16 30 | 9 5 | 7 5 |
| M14 | 18 38 | 20 4 | 3 19 | 10 38 | 2 21 | 14 12 | 1 12 | 24 27 | 1 17 | 22 46 | 0 36 | 22 3 | 0 12 | 21 13 | 0 7 | 8 19 | 1 40 | 21 41 | 8 11 | 17 25 | 17 10 | 16 31 | 9 5 | 7 5 |
| T 15 | 18 52 | 20 21 | 2 14 | 11 18 | 2 15 | 14 36 | 1 11 | 24 25 | 1 17 | 22 46 | 0 36 | 22 3 | 0 12 | 21 14 | 0 7 | 8 18 | 1 40 | 21 40 | 8 11 | 17 26 | 17 11 | 16 33 | 9 4 | 7 6 |
| W16 | 19 6 | 19 18 | 1 3 | 11 58 | 2 9 | 14 59 | 1 9 | 24 22 | 1 17 | 22 46 | 0 36 | 22 2 | 0 12 | 21 15 | 0 7 | 8 18 | 1 40 | 21 40 | 8 11 | 17 26 | 17 12 | 16 34 | 9 3 | 7 6 |
| T 17 | 19 20 | 17 6 | 0s10 | 12 39 | 2 2 | 15 22 | 1 8 | 24 20 | 1 17 | 22 46 | 0 36 | 22 1 | 0 12 | 21 15 | 0 7 | 8 17 | 1 40 | 21 40 | 8 11 | 17 27 | 17 13 | 16 36 | 9 3 | 7 7 |
| F 18 | 19 33 | 14 1 | 1 20 | 13 20 | 1 55 | 15 45 | 1 6 | 24 17 | 1 17 | 22 46 | 0 36 | 22 1 | 0 12 | 21 16 | 0 7 | 8 17 | 1 40 | 21 40 | 8 11 | 17 27 | 17 13 | 16 37 | 9 2 | 7 7 |
| S 19 | 19 46 | 10 20 | 2 24 | 14 1 | 1 47 | 16 7 | 1 4 | 24 14 | 1 17 | 22 46 | 0 36 | 22 0 | 0 12 | 21 16 | 0 7 | 8 16 | 1 40 | 21 39 | 8 10 | 17 27 | 17 14 | 16 39 | 9 2 | 7 8 |
| S 20 | 19 59 | 6 16 | 3 19 | 14 42 | 1 39 | 16 29 | 1 3 | 24 11 | 1 17 | 22 46 | 0 36 | 21 59 | 0 12 | 21 17 | 0 7 | 8 16 | 1 40 | 21 39 | 8 10 | 17 27 | 17 15 | 16 40 | 9 1 | 7 8 |
| M21 | 20 11 | 2 1 | 4 3 | 15 23 | 1 30 | 16 50 | 1 1 | 24 8 | 1 17 | 22 46 | 0 35 | 21 59 | 0 12 | 21 17 | 0 7 | 8 15 | 1 40 | 21 39 | 8 10 | 17 28 | 17 16 | 16 42 | 9 1 | 7 9 |
| T 22 | 20 23 | 2n14 | 4 36 | 16 4 | 1 21 | 17 11 | 0 59 | 24 4 | 1 17 | 22 46 | 0 35 | 21 58 | 0 12 | 21 18 | 0 7 | 8 15 | 1 40 | 21 38 | 8 10 | 17 30 | 17 17 | 16 43 | 9 0 | 7 9 |
| W23 | 20 35 | 6 21 | 4 56 | 16 44 | 1 12 | 17 32 | 0 57 | 24 0 | 1 17 | 22 46 | 0 35 | 21 57 | 0 11 | 21 19 | 0 7 | 8 15 | 1 40 | 21 38 | 8 10 | 17 33 | 17 18 | 16 45 | 9 0 | 7 10 |
| T 24 | 20 46 | 10 11 | 5 2 | 17 25 | 1 2 | 17 52 | 0 55 | 23 56 | 1 17 | 22 46 | 0 35 | 21 56 | 0 11 | 21 19 | 0 7 | 8 14 | 1 40 | 21 38 | 8 10 | 17 36 | 17 19 | 16 46 | 8 59 | 7 10 |
| F 25 | 20 57 | 13 36 | 4 55 | 18 4 | 0 53 | 18 12 | 0 53 | 23 52 | 1 17 | 22 46 | 0 35 | 21 56 | 0 11 | 21 20 | 0 7 | 8 14 | 1 40 | 21 37 | 8 10 | 17 39 | 17 20 | 16 48 | 8 59 | 7 11 |
| S 26 | 21 7 | 16 27 | 4 35 | 18 43 | 0 42 | 18 31 | 0 51 | 23 48 | 1 17 | 22 46 | 0 35 | 21 55 | 0 11 | 21 20 | 0 7 | 8 13 | 1 40 | 21 37 | 8 9 | 17 43 | 17 20 | 16 49 | 8 58 | 7 11 |
| S 27 | 21 17 | 18 38 | 4 4 | 19 21 | 0 32 | 18 50 | 0 49 | 23 44 | 1 17 | 22 45 | 0 35 | 21 54 | 0 11 | 21 21 | 0 7 | 8 13 | 1 40 | 21 37 | 8 9 | 17 46 | 17 21 | 16 51 | 8 58 | 7 12 |
| M28 | 21 27 | 20 0 | 3 22 | 19 58 | 0 22 | 19 8 | 0 47 | 23 39 | 1 17 | 22 45 | 0 35 | 21 53 | 0 11 | 21 22 | 0 7 | 8 13 | 1 40 | 21 36 | 8 9 | 17 48 | 17 22 | 16 52 | 8 58 | 7 12 |
| T 29 | 21 36 | 20 30 | 2 30 | 20 34 | 0 11 | 19 26 | 0 45 | 23 34 | 1 17 | 22 45 | 0 35 | 21 53 | 0 11 | 21 22 | 0 7 | 8 12 | 1 40 | 21 36 | 8 9 | 17 50 | 17 23 | 16 54 | 8 57 | 7 13 |
| W30 | 21 45 | 20 5 | 1 32 | 21 8 | 0 0 | 19 43 | 0 43 | 23 30 | 1 17 | 22 45 | 0 35 | 21 52 | 0 11 | 21 23 | 0 7 | 8 12 | 1 40 | 21 36 | 8 9 | 17 51 | 17 24 | 16 55 | 8 57 | 7 13 |
| T 31 | 21n54 | 18n44 | 0s29 | 21n41 | 0n10 | 19n59 | 0s41 | 23n24 | 1n17 | 22s45 | 0n35 | 21n51 | 0s11 | 21n23 | 0s 7 | 8s12 | 1n40 | 21n35 | 8n 9 | 17n51 | 17n25 | 16n56 | 8s57 | 7n14 |

Julian Day Number = 2614563.5, Delta T = 10m59s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'51, Lahiri = 30°05'51


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## JUNE 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 39 7 | 11♊ 0'04 | 16♌20 | 9♊45 | 3♊58 | 18♋53 | 26°R17 | 19♋12 | 7♊32 | 25°R13 | 22♌44 | 9♌25 | 11♌ 0 | 7♊31 | 16°R30 | F 1 |
| S 2 | 16 43 3 | 11°57'44 | 28°54 | 11°56 | 5°12 | 19°31 | 26♐10 | 19°19 | 7°36 | 25♎12 | 22°45 | 9°26 | 10°57 | 7°38 | 16♒29 | S 2 |
| S 3 | 16 47 0 | 12°55'22 | 11♍47 | 14° 8 | 6°25 | 20° 9 | 26° 3 | 19°26 | 7°39 | 25°11 | 22°46 | 9°R26 | 10°53 | 7°45 | 16°28 | S 3 |
| M 4 | 16 50 56 | 13°52'58 | 25° 5 | 16°20 | 7°39 | 20°47 | 25°55 | 19°32 | 7°42 | 25°10 | 22°47 | 9°25 | 10°50 | 7°52 | 16°27 | M 4 |
| T 5 | 16 54 53 | 14°50'34 | 8♎50 | 18°32 | 8°53 | 21°24 | 25°48 | 19°39 | 7°46 | 25° 9 | 22°48 | 9°23 | 10°47 | 7°58 | 16°26 | T 5 |
| W 6 | 16 58 50 | 15°48'07 | 23° 3 | 20°43 | 10° 6 | 22° 2 | 25°41 | 19°46 | 7°49 | 25° 8 | 22°49 | 9°19 | 10°44 | 8° 5 | 16°25 | W 6 |
| T 7 | 17 2 46 | 16°45'40 | 7♏43 | 22°53 | 11°20 | 22°40 | 25°33 | 19°53 | 7°53 | 25° 8 | 22°49 | 9°12 | 10°41 | 8°12 | 16°24 | T 7 |
| F 8 | 17 6 43 | 17°43'11 | 22°44 | 25° 2 | 12°34 | 23°18 | 25°26 | 20° 0 | 7°56 | 25° 7 | 22°50 | 9° 5 | 10°38 | 8°18 | 16°23 | F 8 |
| S 9 | 17 10 39 | 18°40'41 | 7♐59 | 27°10 | 13°47 | 23°56 | 25°18 | 20° 7 | 8° 0 | 25° 6 | 22°51 | 8°58 | 10°34 | 8°25 | 16°22 | S 9 |
| S 10 | 17 14 36 | 19°38'10 | 23°15 | 29°16 | 15° 1 | 24°34 | 25°11 | 20°14 | 8° 3 | 25° 5 | 22°52 | 8°51 | 10°31 | 8°32 | 16°20 | S 10 |
| M11 | 17 18 32 | 20°35'38 | 8♑24 | 1♋21 | 16°15 | 25°11 | 25° 3 | 20°21 | 8° 7 | 25° 4 | 22°53 | 8°46 | 10°28 | 8°39 | 16°19 | M11 |
| T 12 | 17 22 29 | 21°33'05 | 23°15 | 3°23 | 17°29 | 25°49 | 24°55 | 20°28 | 8°10 | 25° 4 | 22°54 | 8°43 | 10°25 | 8°45 | 16°18 | T 12 |
| W13 | 17 26 25 | 22°30'31 | 7♒41 | 5°24 | 18°42 | 26°27 | 24°48 | 20°36 | 8°14 | 25° 3 | 22°55 | 8°D42 | 10°22 | 8°52 | 16°16 | W13 |
| T 14 | 17 30 22 | 23°27'57 | 21°41 | 7°22 | 19°56 | 27° 5 | 24°40 | 20°43 | 8°17 | 25° 2 | 22°56 | 8°43 | 10°19 | 8°59 | 16°15 | T 14 |
| F 15 | 17 34 19 | 24°25'22 | 5♓12 | 9°18 | 21°10 | 27°43 | 24°33 | 20°50 | 8°20 | 25° 1 | 22°57 | 8°44 | 10°15 | 9° 5 | 16°13 | F 15 |
| S 16 | 17 38 15 | 25°22'46 | 18°18 | 11°12 | 22°23 | 28°20 | 24°25 | 20°57 | 8°24 | 25° 1 | 22°58 | 8°45 | 10°12 | 9°12 | 16°11 | S 16 |
| S 17 | 17 42 12 | 26°20'10 | 1♈ 2 | 13° 3 | 23°37 | 28°58 | 24°17 | 21° 5 | 8°27 | 25° 0 | 23° 0 | 8°R45 | 10° 9 | 9°19 | 16° 9 | S 17 |
| M18 | 17 46 8 | 27°17'33 | 13°27 | 14°52 | 24°51 | 29°36 | 24°10 | 21°12 | 8°31 | 25° 0 | 23° 1 | 8°44 | 10° 6 | 9°25 | 16° 8 | M18 |
| T 19 | 17 50 5 | 28°14'56 | 25°38 | 16°39 | 26° 4 | 0♌14 | 24° 2 | 21°19 | 8°34 | 24°59 | 23° 2 | 8°40 | 10° 3 | 9°32 | 16° 6 | T 19 |
| W20 | 17 54 1 | 29°12'18 | 7♉39 | 18°22 | 27°18 | 0°51 | 23°54 | 21°27 | 8°37 | 24°59 | 23° 3 | 8°36 | 9°59 | 9°39 | 16° 4 | W20 |
| T 21 | 17 57 58 | 0♋ 9'40 | 19°34 | 20° 4 | 28°32 | 1°29 | 23°47 | 21°34 | 8°41 | 24°58 | 23° 4 | 8°30 | 9°56 | 9°46 | 16° 2 | T 21 |
| F 22 | 18 1 54 | 1° 7'02 | 1♊26 | 21°43 | 29°46 | 2° 7 | 23°39 | 21°42 | 8°44 | 24°58 | 23° 5 | 8°23 | 9°53 | 9°52 | 16° 0 | F 22 |
| S 23 | 18 5 51 | 2° 4'22 | 13°16 | 23°19 | 0♋59 | 2°45 | 23°32 | 21°49 | 8°47 | 24°57 | 23° 7 | 8°16 | 9°50 | 9°59 | 15°58 | S 23 |
| S 24 | 18 9 48 | 3° 1'43 | 25° 8 | 24°53 | 2°13 | 3°23 | 23°24 | 21°57 | 8°50 | 24°57 | 23° 8 | 8°10 | 9°47 | 10° 6 | 15°56 | S 24 |
| M25 | 18 13 44 | 3°59'03 | 7♋ 3 | 26°24 | 3°27 | 4° 0 | 23°17 | 22° 4 | 8°54 | 24°56 | 23° 9 | 8° 5 | 9°44 | 10°12 | 15°53 | M25 |
| T 26 | 18 17 41 | 4°56'22 | 19° 3 | 27°53 | 4°40 | 4°38 | 23° 9 | 22°12 | 8°57 | 24°56 | 23°11 | 8° 2 | 9°40 | 10°19 | 15°51 | T 26 |
| W27 | 18 21 37 | 5°53'40 | 1♌10 | 29°19 | 5°54 | 5°16 | 23° 2 | 22°20 | 9° 0 | 24°56 | 23°12 | 8° 1 | 9°37 | 10°26 | 15°49 | W27 |
| T 28 | 18 25 34 | 6°50'59 | 13°26 | 0♌42 | 7° 8 | 5°54 | 22°55 | 22°27 | 9° 3 | 24°56 | 23°13 | 8°D 0 | 9°34 | 10°33 | 15°46 | T 28 |
| F 29 | 18 29 30 | 7°48'16 | 25°54 | 2° 3 | 8°22 | 6°31 | 22°48 | 22°35 | 9° 7 | 24°55 | 23°15 | 8° 1 | 9°31 | 10°39 | 15°44 | F 29 |
| S 30 | 18 33 27 | 8♋45'33 | 8♍35 | 3♌20 | 9♋35 | 7♌ 9 | 22♐40 | 22♋42 | 9♊10 | 24♎55 | 23♌16 | 8♌ 3 | 9♌28 | 10♊46 | 15♒41 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22n 2 | 16n29 | 0n37 | 22n12 | 0n21 | 20n15 | 0s39 | 23n19 | 1n17 | 22s45 | 0n35 | 21n50 | 0s11 | 21n24 | 0s 7 | 8s11 | 1n40 | 21n35 | 8n 8 | 17n51 | 17n26 | 16n58 | 8s56 | 7n14 |
| S 2 | 22 10 | 13 26 | 1 43 | 22 40 | 0 31 | 20 31 | 0 36 | 23 14 | 1 17 | 22 45 | 0 35 | 21 49 | 0 10 | 21 24 | 0 7 | 8 11 | 1 40 | 21 34 | 8 8 | 17 51 | 17 27 | 16 59 | 8 56 | 7 15 |
| S 3 | 22 18 | 9 40 | 2 45 | 23 7 | 0 41 | 20 46 | 0 34 | 23 8 | 1 17 | 22 45 | 0 34 | 21 48 | 0 10 | 21 25 | 0 7 | 8 11 | 1 40 | 21 34 | 8 8 | 17 51 | 17 27 | 17 1 | 8 56 | 7 15 |
| M 4 | 22 25 | 5 19 | 3 40 | 23 31 | 0 51 | 21 0 | 0 32 | 23 2 | 1 17 | 22 45 | 0 34 | 21 48 | 0 10 | 21 26 | 0 7 | 8 10 | 1 40 | 21 34 | 8 8 | 17 51 | 17 28 | 17 2 | 8 56 | 7 15 |
| T 5 | 22 31 | 0 34 | 4 24 | 23 53 | 1 0 | 21 14 | 0 30 | 22 57 | 1 17 | 22 44 | 0 34 | 21 47 | 0 10 | 21 26 | 0 7 | 8 10 | 1 40 | 21 33 | 8 8 | 17 52 | 17 29 | 17 4 | 8 56 | 7 16 |
| W 6 | 22 38 | 4s23 | 4 54 | 24 12 | 1 9 | 21 28 | 0 27 | 22 50 | 1 17 | 22 44 | 0 34 | 21 46 | 0 10 | 21 27 | 0 7 | 8 10 | 1 40 | 21 33 | 8 8 | 17 53 | 17 30 | 17 5 | 8 56 | 7 16 |
| T 7 | 22 43 | 9 13 | 5 6 | 24 28 | 1 17 | 21 40 | 0 25 | 22 44 | 1 16 | 22 44 | 0 34 | 21 45 | 0 10 | 21 27 | 0 7 | 8 9 | 1 40 | 21 32 | 8 8 | 17 54 | 17 31 | 17 7 | 8 55 | 7 17 |
| F 8 | 22 49 | 13 36 | 4 58 | 24 42 | 1 25 | 21 52 | 0 23 | 22 38 | 1 16 | 22 44 | 0 34 | 21 44 | 0 10 | 21 28 | 0 7 | 8 9 | 1 39 | 21 32 | 8 8 | 17 56 | 17 32 | 17 8 | 8 55 | 7 17 |
| S 9 | 22 54 | 17 10 | 4 28 | 24 53 | 1 32 | 22 4 | 0 20 | 22 31 | 1 16 | 22 44 | 0 34 | 21 43 | 0 10 | 21 28 | 0 7 | 8 9 | 1 39 | 21 32 | 8 7 | 17 58 | 17 33 | 17 9 | 8 55 | 7 18 |
| S 10 | 22 59 | 19 33 | 3 40 | 25 1 | 1 38 | 22 15 | 0 18 | 22 24 | 1 16 | 22 44 | 0 34 | 21 42 | 0 10 | 21 29 | 0 7 | 8 9 | 1 39 | 21 31 | 8 7 | 18 0 | 17 33 | 17 11 | 8 55 | 7 18 |
| M11 | 23 3 | 20 31 | 2 36 | 25 6 | 1 44 | 22 25 | 0 16 | 22 18 | 1 16 | 22 44 | 0 34 | 21 41 | 0 10 | 21 30 | 0 7 | 8 8 | 1 39 | 21 31 | 8 7 | 18 1 | 17 34 | 17 12 | 8 55 | 7 19 |
| T 12 | 23 7 | 20 2 | 1 22 | 25 9 | 1 49 | 22 34 | 0 13 | 22 10 | 1 16 | 22 43 | 0 34 | 21 40 | 0 9 | 21 30 | 0 7 | 8 8 | 1 39 | 21 30 | 8 7 | 18 2 | 17 35 | 17 14 | 8 55 | 7 19 |
| W13 | 23 10 | 18 13 | 0 5 | 25 9 | 1 53 | 22 43 | 0 11 | 22 3 | 1 16 | 22 43 | 0 33 | 21 39 | 0 9 | 21 31 | 0 7 | 8 8 | 1 39 | 21 30 | 8 7 | 18 2 | 17 36 | 17 15 | 8 55 | 7 19 |
| T 14 | 23 13 | 15 21 | 1s10 | 25 7 | 1 56 | 22 51 | 0 9 | 21 56 | 1 16 | 22 43 | 0 33 | 21 38 | 0 9 | 21 31 | 0 7 | 8 8 | 1 39 | 21 29 | 8 7 | 18 2 | 17 37 | 17 17 | 8 55 | 7 20 |
| F 15 | 23 16 | 11 44 | 2 18 | 25 2 | 1 59 | 22 59 | 0 6 | 21 48 | 1 16 | 22 43 | 0 33 | 21 37 | 0 9 | 21 32 | 0 7 | 8 7 | 1 39 | 21 29 | 8 7 | 18 2 | 17 38 | 17 18 | 8 55 | 7 20 |
| S 16 | 23 18 | 7 39 | 3 18 | 24 55 | 2 1 | 23 6 | 0 4 | 21 41 | 1 16 | 22 43 | 0 33 | 21 36 | 0 9 | 21 32 | 0 7 | 8 7 | 1 39 | 21 28 | 8 7 | 18 2 | 17 39 | 17 19 | 8 55 | 7 21 |
| S 17 | 23 20 | 3 21 | 4 5 | 24 46 | 2 2 | 23 12 | 0 1 | 21 33 | 1 16 | 22 42 | 0 33 | 21 35 | 0 9 | 21 33 | 0 7 | 8 7 | 1 39 | 21 28 | 8 6 | 18 2 | 17 39 | 17 21 | 8 56 | 7 21 |
| M18 | 23 21 | 0n59 | 4 40 | 24 35 | 2 2 | 23 18 | 0n 1 | 21 25 | 1 15 | 22 42 | 0 33 | 21 34 | 0 9 | 21 33 | 0 7 | 8 7 | 1 39 | 21 27 | 8 6 | 18 2 | 17 40 | 17 22 | 8 56 | 7 22 |
| T 19 | 23 22 | 5 12 | 5 2 | 24 22 | 2 2 | 23 23 | 0 3 | 21 17 | 1 15 | 22 42 | 0 33 | 21 33 | 0 9 | 21 34 | 0 7 | 8 7 | 1 39 | 21 27 | 8 6 | 18 3 | 17 41 | 17 24 | 8 56 | 7 22 |
| W20 | 23 23 | 9 8 | 5 10 | 24 7 | 2 1 | 23 27 | 0 6 | 21 8 | 1 15 | 22 42 | 0 33 | 21 32 | 0 9 | 21 34 | 0 7 | 8 7 | 1 39 | 21 26 | 8 6 | 18 4 | 17 42 | 17 25 | 8 56 | 7 22 |
| T 21 | 23 23 | 12 42 | 5 4 | 23 51 | 1 59 | 23 30 | 0 8 | 21 0 | 1 15 | 22 42 | 0 32 | 21 31 | 0 9 | 21 35 | 0 7 | 8 6 | 1 39 | 21 26 | 8 6 | 18 6 | 17 43 | 17 26 | 8 56 | 7 23 |
| F 22 | 23 22 | 15 44 | 4 45 | 23 33 | 1 56 | 23 33 | 0 11 | 20 51 | 1 15 | 22 41 | 0 32 | 21 30 | 0 9 | 21 35 | 0 7 | 8 6 | 1 39 | 21 25 | 8 6 | 18 7 | 17 44 | 17 28 | 8 56 | 7 23 |
| S 23 | 23 22 | 18 8 | 4 14 | 23 14 | 1 53 | 23 35 | 0 13 | 20 43 | 1 15 | 22 41 | 0 32 | 21 29 | 0 8 | 21 36 | 0 7 | 8 6 | 1 39 | 21 25 | 8 6 | 18 9 | 17 45 | 17 29 | 8 57 | 7 23 |
| S 24 | 23 21 | 19 45 | 3 32 | 22 53 | 1 49 | 23 37 | 0 15 | 20 34 | 1 15 | 22 41 | 0 32 | 21 28 | 0 8 | 21 37 | 0 7 | 8 6 | 1 39 | 21 24 | 8 6 | 18 11 | 17 45 | 17 31 | 8 57 | 7 24 |
| M25 | 23 19 | 20 31 | 2 41 | 22 32 | 1 44 | 23 38 | 0 18 | 20 25 | 1 15 | 22 41 | 0 32 | 21 26 | 0 8 | 21 37 | 0 7 | 8 6 | 1 39 | 21 24 | 8 6 | 18 12 | 17 46 | 17 32 | 8 57 | 7 24 |
| T 26 | 23 17 | 20 21 | 1 42 | 22 9 | 1 39 | 23 38 | 0 20 | 20 16 | 1 15 | 22 40 | 0 32 | 21 25 | 0 8 | 21 38 | 0 7 | 8 6 | 1 39 | 21 23 | 8 5 | 18 13 | 17 47 | 17 33 | 8 58 | 7 24 |
| W27 | 23 15 | 19 14 | 0 37 | 21 46 | 1 33 | 23 37 | 0 22 | 20 7 | 1 14 | 22 40 | 0 32 | 21 24 | 0 8 | 21 38 | 0 7 | 8 6 | 1 39 | 21 23 | 8 5 | 18 13 | 17 48 | 17 35 | 8 58 | 7 25 |
| T 28 | 23 12 | 17 13 | 0n30 | 21 21 | 1 26 | 23 36 | 0 25 | 19 57 | 1 14 | 22 40 | 0 31 | 21 23 | 0 8 | 21 39 | 0 7 | 8 6 | 1 39 | 21 22 | 8 5 | 18 13 | 17 49 | 17 36 | 8 58 | 7 25 |
| F 29 | 23 9 | 14 22 | 1 36 | 20 56 | 1 19 | 23 34 | 0 27 | 19 48 | 1 14 | 22 40 | 0 31 | 21 22 | 0 8 | 21 39 | 0 7 | 8 6 | 1 39 | 21 22 | 8 5 | 18 13 | 17 50 | 17 37 | 8 59 | 7 25 |
| S 30 | 23n 5 | 10n48 | 2n40 | 20n31 | 1n11 | 23n31 | 0n29 | 19n38 | 1n14 | 22s40 | 0n31 | 21n21 | 0s 8 | 21n39 | 0s 7 | 8s 6 | 1n38 | 21n21 | 8n 5 | 18n13 | 17n50 | 17n39 | 8s59 | 7n26 |

Julian Day Number = 2614594.5, Delta T = 10m59s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'55, Lahiri = 30°05'55


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## JULY 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 37 23 | 9♋42'49 | 21♍34 | 4♌36 | 10♋49 | 7♌47 | 22°R33 | 22♋50 | 9♊13 | 24°R55 | 23♌17 | 8♌ 5 | 9♌24 | 10♊53 | 15°R39 | S 1 |
| M 2 | 18 41 20 | 10°40'04 | 4♎52 | 5°48 | 12° 3 | 8°25 | 22♐26 | 22°58 | 9°16 | 24♎55 | 23°19 | 8°R 5 | 9°21 | 10°59 | 15♒36 | M 2 |
| T 3 | 18 45 17 | 11°37'19 | 18°33 | 6°57 | 13°17 | 9° 2 | 22°19 | 23° 5 | 9°19 | 24°55 | 23°20 | 8° 5 | 9°18 | 11° 6 | 15°34 | T 3 |
| W 4 | 18 49 13 | 12°34'33 | 2♏36 | 8° 3 | 14°30 | 9°40 | 22°13 | 23°13 | 9°22 | 24°55 | 23°22 | 8° 4 | 9°15 | 11°13 | 15°31 | W 4 |
| T 5 | 18 53 10 | 13°31'46 | 17° 1 | 9° 7 | 15°44 | 10°18 | 22° 6 | 23°21 | 9°25 | 24°55 | 23°23 | 8° 2 | 9°12 | 11°19 | 15°28 | T 5 |
| F 6 | 18 57 6 | 14°29'00 | 1♐45 | 10° 7 | 16°58 | 10°56 | 21°59 | 23°29 | 9°28 | 24°D55 | 23°25 | 7°59 | 9° 9 | 11°26 | 15°26 | F 6 |
| S 7 | 19 1 3 | 15°26'12 | 16°42 | 11° 4 | 18°12 | 11°33 | 21°53 | 23°36 | 9°31 | 24°55 | 23°26 | 7°56 | 9° 5 | 11°33 | 15°23 | S 7 |
| S 8 | 19 4 59 | 16°23'25 | 1♑44 | 11°57 | 19°25 | 12°11 | 21°46 | 23°44 | 9°34 | 24°55 | 23°28 | 7°54 | 9° 2 | 11°40 | 15°20 | S 8 |
| M 9 | 19 8 56 | 17°20'37 | 16°42 | 12°48 | 20°39 | 12°49 | 21°40 | 23°52 | 9°37 | 24°55 | 23°29 | 7°52 | 8°59 | 11°46 | 15°17 | M 9 |
| T 10 | 19 12 53 | 18°17'49 | 1♒28 | 13°34 | 21°53 | 13°27 | 21°34 | 24° 0 | 9°40 | 24°55 | 23°31 | 7°D51 | 8°56 | 11°53 | 15°14 | T 10 |
| W11 | 19 16 49 | 19°15'01 | 15°55 | 14°17 | 23° 7 | 14° 4 | 21°28 | 24° 7 | 9°43 | 24°55 | 23°32 | 7°51 | 8°53 | 12° 0 | 15°11 | W11 |
| T 12 | 19 20 46 | 20°12'14 | 29°58 | 14°56 | 24°20 | 14°42 | 21°22 | 24°15 | 9°46 | 24°55 | 23°34 | 7°52 | 8°50 | 12° 6 | 15° 8 | T 12 |
| F 13 | 19 24 42 | 21° 9'26 | 13♓35 | 15°31 | 25°34 | 15°20 | 21°16 | 24°23 | 9°49 | 24°55 | 23°35 | 7°53 | 8°46 | 12°13 | 15° 5 | F 13 |
| S 14 | 19 28 39 | 22° 6'38 | 26°46 | 16° 3 | 26°48 | 15°58 | 21°11 | 24°31 | 9°51 | 24°56 | 23°37 | 7°54 | 8°43 | 12°20 | 15° 2 | S 14 |
| S 15 | 19 32 35 | 23° 3'51 | 9♈35 | 16°30 | 28° 2 | 16°35 | 21° 5 | 24°39 | 9°54 | 24°56 | 23°39 | 7°55 | 8°40 | 12°26 | 14°59 | S 15 |
| M16 | 19 36 32 | 24° 1'04 | 22° 3 | 16°52 | 29°15 | 17°13 | 21° 0 | 24°46 | 9°57 | 24°56 | 23°40 | 7°R55 | 8°37 | 12°33 | 14°56 | M16 |
| T 17 | 19 40 28 | 24°58'18 | 4♉16 | 17°10 | 0♌29 | 17°51 | 20°54 | 24°54 | 10° 0 | 24°56 | 23°42 | 7°55 | 8°34 | 12°40 | 14°53 | T 17 |
| W18 | 19 44 25 | 25°55'32 | 16°17 | 17°24 | 1°43 | 18°29 | 20°49 | 25° 2 | 10° 2 | 24°57 | 23°44 | 7°54 | 8°30 | 12°47 | 14°50 | W18 |
| T 19 | 19 48 22 | 26°52'46 | 28°10 | 17°33 | 2°57 | 19° 6 | 20°44 | 25°10 | 10° 5 | 24°57 | 23°45 | 7°53 | 8°27 | 12°53 | 14°46 | T 19 |
| F 20 | 19 52 18 | 27°50'01 | 10♊ 1 | 17°R37 | 4°11 | 19°44 | 20°39 | 25°18 | 10° 8 | 24°58 | 23°47 | 7°52 | 8°24 | 13° 0 | 14°43 | F 20 |
| S 21 | 19 56 15 | 28°47'16 | 21°53 | 17°37 | 5°25 | 20°22 | 20°35 | 25°25 | 10°10 | 24°58 | 23°49 | 7°51 | 8°21 | 13° 7 | 14°40 | S 21 |
| S 22 | 20 0 11 | 29°44'32 | 3♋48 | 17°32 | 6°38 | 21° 0 | 20°30 | 25°33 | 10°13 | 24°59 | 23°50 | 7°49 | 8°18 | 13°13 | 14°37 | S 22 |
| M23 | 20 4 8 | 0♌41'48 | 15°49 | 17°22 | 7°52 | 21°38 | 20°26 | 25°41 | 10°15 | 24°59 | 23°52 | 7°49 | 8°15 | 13°20 | 14°33 | M23 |
| T 24 | 20 8 4 | 1°39'05 | 27°59 | 17° 7 | 9° 6 | 22°15 | 20°22 | 25°49 | 10°18 | 25° 0 | 23°54 | 7°48 | 8°11 | 13°27 | 14°30 | T 24 |
| W25 | 20 12 1 | 2°36'22 | 10♌20 | 16°48 | 10°20 | 22°53 | 20°18 | 25°57 | 10°20 | 25° 0 | 23°56 | 7°D48 | 8° 8 | 13°33 | 14°27 | W25 |
| T 26 | 20 15 57 | 3°33'39 | 22°52 | 16°24 | 11°34 | 23°31 | 20°14 | 26° 4 | 10°23 | 25° 1 | 23°57 | 7°48 | 8° 5 | 13°40 | 14°23 | T 26 |
| F 27 | 20 19 54 | 4°30'57 | 5♍37 | 15°56 | 12°48 | 24° 9 | 20°10 | 26°12 | 10°25 | 25° 2 | 23°59 | 7°49 | 8° 2 | 13°47 | 14°20 | F 27 |
| S 28 | 20 23 51 | 5°28'15 | 18°35 | 15°24 | 14° 1 | 24°47 | 20° 6 | 26°20 | 10°27 | 25° 2 | 24° 1 | 7°49 | 7°59 | 13°54 | 14°16 | S 28 |
| S 29 | 20 27 47 | 6°25'33 | 1♎48 | 14°49 | 15°15 | 25°24 | 20° 3 | 26°28 | 10°30 | 25° 3 | 24° 3 | 7°49 | 7°56 | 14° 0 | 14°13 | S 29 |
| M30 | 20 31 44 | 7°22'51 | 15°17 | 14°11 | 16°29 | 26° 2 | 20° 0 | 26°35 | 10°32 | 25° 4 | 24° 4 | 7°49 | 7°52 | 14° 7 | 14°10 | M30 |
| T 31 | 20 35 40 | 8♌20'10 | 29♎ 1 | 13♌31 | 17♌43 | 26♌40 | 19♐57 | 26♋43 | 10♊34 | 25♎ 5 | 24♌ 6 | 7°R49 | 7♌49 | 14♊14 | 14♒ 6 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 1 | 6n39 | 3n36 | 20n 5 | 1n 3 | 23n28 | 0n31 | 19n28 | 1n14 | 22s39 | 0n31 | 21n20 | 0s 8 | 21n40 | 0s 7 | 8s 6 | 1n38 | 21n20 | 8n 5 | 18n12 | 17n51 | 17n40 | 8s59 | 7n26 |
| M 2 | 22 57 | 2 6 | 4 23 | 19 39 | 0 54 | 23 23 | 0 33 | 19 18 | 1 14 | 22 39 | 0 31 | 21 18 | 0 8 | 21 40 | 0 7 | 8 6 | 1 38 | 21 20 | 8 5 | 18 12 | 17 52 | 17 42 | 9 0 | 7 26 |
| T 3 | 22 52 | 2s41 | 4 56 | 19 12 | 0 44 | 23 19 | 0 36 | 19 8 | 1 14 | 22 39 | 0 31 | 21 17 | 0 8 | 21 41 | 0 7 | 8 6 | 1 38 | 21 19 | 8 5 | 18 12 | 17 53 | 17 43 | 9 0 | 7 27 |
| W 4 | 22 47 | 7 26 | 5 13 | 18 45 | 0 34 | 23 13 | 0 38 | 18 58 | 1 14 | 22 39 | 0 30 | 21 16 | 0 7 | 21 41 | 0 7 | 8 6 | 1 38 | 21 19 | 8 5 | 18 12 | 17 54 | 17 44 | 9 1 | 7 27 |
| T 5 | 22 42 | 11 55 | 5 10 | 18 18 | 0 23 | 23 7 | 0 40 | 18 48 | 1 13 | 22 38 | 0 30 | 21 15 | 0 7 | 21 42 | 0 7 | 8 6 | 1 38 | 21 18 | 8 5 | 18 13 | 17 55 | 17 46 | 9 1 | 7 27 |
| F 6 | 22 36 | 15 46 | 4 48 | 17 52 | 0 12 | 23 0 | 0 42 | 18 37 | 1 13 | 22 38 | 0 30 | 21 14 | 0 7 | 21 42 | 0 7 | 8 6 | 1 38 | 21 18 | 8 5 | 18 14 | 17 55 | 17 47 | 9 2 | 7 28 |
| S 7 | 22 29 | 18 39 | 4 5 | 17 25 | 0 0 | 22 53 | 0 44 | 18 27 | 1 13 | 22 38 | 0 30 | 21 12 | 0 7 | 21 43 | 0 7 | 8 6 | 1 38 | 21 17 | 8 5 | 18 14 | 17 56 | 17 48 | 9 2 | 7 28 |
| S 8 | 22 23 | 20 16 | 3 6 | 16 59 | 0s12 | 22 44 | 0 46 | 18 16 | 1 13 | 22 38 | 0 30 | 21 11 | 0 7 | 21 43 | 0 7 | 8 6 | 1 38 | 21 16 | 8 4 | 18 15 | 17 57 | 17 50 | 9 3 | 7 28 |
| M 9 | 22 15 | 20 27 | 1 54 | 16 32 | 0 24 | 22 35 | 0 48 | 18 5 | 1 13 | 22 37 | 0 30 | 21 10 | 0 7 | 21 44 | 0 7 | 8 6 | 1 38 | 21 16 | 8 4 | 18 15 | 17 58 | 17 51 | 9 4 | 7 28 |
| T 10 | 22 8 | 19 13 | 0 35 | 16 7 | 0 37 | 22 26 | 0 50 | 17 54 | 1 13 | 22 37 | 0 30 | 21 9 | 0 7 | 21 44 | 0 7 | 8 6 | 1 38 | 21 15 | 8 4 | 18 16 | 17 59 | 17 52 | 9 4 | 7 29 |
| W11 | 22 0 | 16 44 | 0s44 | 15 42 | 0 51 | 22 16 | 0 52 | 17 43 | 1 12 | 22 37 | 0 29 | 21 7 | 0 7 | 21 45 | 0 7 | 8 6 | 1 38 | 21 15 | 8 4 | 18 16 | 18 0 | 17 54 | 9 5 | 7 29 |
| T 12 | 21 52 | 13 19 | 1 59 | 15 17 | 1 4 | 22 5 | 0 54 | 17 32 | 1 12 | 22 37 | 0 29 | 21 6 | 0 7 | 21 45 | 0 7 | 8 6 | 1 38 | 21 14 | 8 4 | 18 15 | 18 0 | 17 55 | 9 5 | 7 29 |
| F 13 | 21 43 | 9 17 | 3 5 | 14 54 | 1 18 | 21 53 | 0 56 | 17 21 | 1 12 | 22 37 | 0 29 | 21 5 | 0 7 | 21 45 | 0 7 | 8 6 | 1 38 | 21 14 | 8 4 | 18 15 | 18 1 | 17 56 | 9 6 | 7 29 |
| S 14 | 21 34 | 4 56 | 3 58 | 14 31 | 1 33 | 21 41 | 0 58 | 17 9 | 1 12 | 22 36 | 0 29 | 21 3 | 0 7 | 21 46 | 0 7 | 8 7 | 1 38 | 21 13 | 8 4 | 18 15 | 18 2 | 17 58 | 9 7 | 7 29 |
| S 15 | 21 25 | 0 29 | 4 39 | 14 9 | 1 47 | 21 28 | 0 59 | 16 58 | 1 12 | 22 36 | 0 29 | 21 2 | 0 6 | 21 46 | 0 7 | 8 7 | 1 38 | 21 12 | 8 4 | 18 15 | 18 3 | 17 59 | 9 8 | 7 30 |
| M16 | 21 15 | 3n51 | 5 4 | 13 48 | 2 2 | 21 15 | 1 1 | 16 46 | 1 12 | 22 36 | 0 28 | 21 1 | 0 6 | 21 47 | 0 7 | 8 7 | 1 38 | 21 12 | 8 4 | 18 14 | 18 4 | 18 0 | 9 8 | 7 30 |
| T 17 | 21 5 | 7 57 | 5 16 | 13 29 | 2 16 | 21 1 | 1 3 | 16 35 | 1 11 | 22 36 | 0 28 | 21 0 | 0 6 | 21 47 | 0 7 | 8 7 | 1 38 | 21 11 | 8 4 | 18 15 | 18 5 | 18 2 | 9 9 | 7 30 |
| W18 | 20 55 | 11 40 | 5 13 | 13 11 | 2 31 | 20 47 | 1 4 | 16 23 | 1 11 | 22 36 | 0 28 | 20 58 | 0 6 | 21 47 | 0 7 | 8 7 | 1 38 | 21 11 | 8 4 | 18 15 | 18 5 | 18 3 | 9 10 | 7 30 |
| T 19 | 20 44 | 14 53 | 4 57 | 12 54 | 2 46 | 20 31 | 1 6 | 16 11 | 1 11 | 22 36 | 0 28 | 20 57 | 0 6 | 21 48 | 0 7 | 8 7 | 1 38 | 21 10 | 8 4 | 18 15 | 18 6 | 18 4 | 9 10 | 7 30 |
| F 20 | 20 33 | 17 29 | 4 28 | 12 39 | 3 0 | 20 16 | 1 8 | 15 59 | 1 11 | 22 35 | 0 28 | 20 56 | 0 6 | 21 48 | 0 7 | 8 8 | 1 37 | 21 9 | 8 4 | 18 15 | 18 7 | 18 6 | 9 11 | 7 30 |
| S 21 | 20 21 | 19 20 | 3 48 | 12 25 | 3 15 | 19 59 | 1 9 | 15 47 | 1 11 | 22 35 | 0 28 | 20 54 | 0 6 | 21 49 | 0 7 | 8 8 | 1 37 | 21 9 | 8 4 | 18 16 | 18 8 | 18 7 | 9 12 | 7 30 |
| S 22 | 20 9 | 20 22 | 2 58 | 12 14 | 3 29 | 19 42 | 1 11 | 15 35 | 1 10 | 22 35 | 0 27 | 20 53 | 0 6 | 21 49 | 0 7 | 8 8 | 1 37 | 21 8 | 8 4 | 18 16 | 18 9 | 18 8 | 9 13 | 7 31 |
| M23 | 19 57 | 20 29 | 1 59 | 12 4 | 3 42 | 19 25 | 1 12 | 15 22 | 1 10 | 22 35 | 0 27 | 20 52 | 0 6 | 21 49 | 0 7 | 8 8 | 1 37 | 21 8 | 8 4 | 18 16 | 18 10 | 18 10 | 9 14 | 7 31 |
| T 24 | 19 45 | 19 38 | 0 54 | 11 56 | 3 55 | 19 7 | 1 13 | 15 10 | 1 10 | 22 35 | 0 27 | 20 50 | 0 6 | 21 50 | 0 7 | 8 9 | 1 37 | 21 7 | 8 4 | 18 16 | 18 10 | 18 11 | 9 14 | 7 31 |
| W25 | 19 32 | 17 50 | 0n14 | 11 50 | 4 7 | 18 48 | 1 15 | 14 57 | 1 10 | 22 35 | 0 27 | 20 49 | 0 6 | 21 50 | 0 7 | 8 9 | 1 37 | 21 6 | 8 4 | 18 16 | 18 11 | 18 12 | 9 15 | 7 31 |
| T 26 | 19 19 | 15 10 | 1 23 | 11 46 | 4 18 | 18 29 | 1 16 | 14 45 | 1 10 | 22 35 | 0 27 | 20 48 | 0 5 | 21 50 | 0 7 | 8 9 | 1 37 | 21 6 | 8 4 | 18 16 | 18 12 | 18 14 | 9 16 | 7 31 |
| F 27 | 19 5 | 11 44 | 2 28 | 11 45 | 4 28 | 18 10 | 1 17 | 14 32 | 1 10 | 22 35 | 0 26 | 20 46 | 0 5 | 21 51 | 0 7 | 8 9 | 1 37 | 21 5 | 8 4 | 18 16 | 18 13 | 18 15 | 9 17 | 7 31 |
| S 28 | 18 51 | 7 41 | 3 28 | 11 45 | 4 38 | 17 50 | 1 18 | 14 19 | 1 9 | 22 34 | 0 26 | 20 45 | 0 5 | 21 51 | 0 7 | 8 10 | 1 37 | 21 5 | 8 4 | 18 16 | 18 14 | 18 16 | 9 18 | 7 31 |
| S 29 | 18 37 | 3 13 | 4 17 | 11 48 | 4 45 | 17 29 | 1 19 | 14 6 | 1 9 | 22 34 | 0 26 | 20 43 | 0 5 | 21 51 | 0 7 | 8 10 | 1 37 | 21 4 | 8 4 | 18 16 | 18 14 | 18 17 | 9 19 | 7 31 |
| M30 | 18 23 | 1s29 | 4 53 | 11 52 | 4 52 | 17 8 | 1 20 | 13 53 | 1 9 | 22 34 | 0 26 | 20 42 | 0 5 | 21 52 | 0 7 | 8 10 | 1 37 | 21 3 | 8 4 | 18 16 | 18 15 | 18 19 | 9 20 | 7 31 |
| T 31 | 18n 8 | 6s12 | 5n14 | 11n59 | 4s56 | 16n46 | 1n21 | 13n40 | 1n 9 | 22s34 | 0n26 | 20n41 | 0s 5 | 21n52 | 0s 7 | 8s11 | 1n37 | 21n 3 | 8n 4 | 18n16 | 18n16 | 18n20 | 9s21 | 7n31 |

Julian Day Number = 2614624.5, Delta T = 11m00s
Ecliptic obliquity = 23°22'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°58'59, Lahiri = 30°06'00


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## AUGUST 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 39 37 | 9♌17'29 | 13♏ 0 | 12°R49 | 18♌57 | 27♌18 | 19°R54 | 26♋51 | 10♊36 | 25♎ 5 | 24♌ 8 | 7°D49 | 7♌46 | 14♊20 | 14°R 3 | W 1 |
| T 2 | 20 43 33 | 10°14'48 | 27°13 | 12♌ 6 | 20°11 | 27°56 | 19♐51 | 26°58 | 10°38 | 25° 6 | 24°10 | 7♌49 | 7°43 | 14°27 | 13♒59 | T 2 |
| F 3 | 20 47 30 | 11°12'08 | 11♐38 | 11°23 | 21°24 | 28°34 | 19°49 | 27° 6 | 10°41 | 25° 7 | 24°11 | 7°49 | 7°40 | 14°34 | 13°56 | F 3 |
| S 4 | 20 51 26 | 12° 9'28 | 26°12 | 10°40 | 22°38 | 29°12 | 19°47 | 27°14 | 10°43 | 25° 8 | 24°13 | 7°50 | 7°36 | 14°40 | 13°52 | S 4 |
| S 5 | 20 55 23 | 13° 6'49 | 10♑49 | 9°59 | 23°52 | 29°49 | 19°44 | 27°21 | 10°45 | 25° 9 | 24°15 | 7°50 | 7°33 | 14°47 | 13°49 | S 5 |
| M 6 | 20 59 20 | 14° 4'10 | 25°25 | 9°20 | 25° 6 | 0♍27 | 19°42 | 27°29 | 10°47 | 25°10 | 24°17 | 7°51 | 7°30 | 14°54 | 13°45 | M 6 |
| T 7 | 21 3 16 | 15° 1'32 | 9♒52 | 8°43 | 26°20 | 1° 5 | 19°41 | 27°37 | 10°49 | 25°11 | 24°19 | 7°R51 | 7°27 | 15° 0 | 13°42 | T 7 |
| W 8 | 21 7 13 | 15°58'55 | 24° 6 | 8°10 | 27°34 | 1°43 | 19°39 | 27°44 | 10°51 | 25°12 | 24°21 | 7°50 | 7°24 | 15° 7 | 13°39 | W 8 |
| T 9 | 21 11 9 | 16°56'18 | 8♓ 2 | 7°42 | 28°48 | 2°21 | 19°38 | 27°52 | 10°52 | 25°13 | 24°22 | 7°50 | 7°21 | 15°14 | 13°35 | T 9 |
| F 10 | 21 15 6 | 17°53'42 | 21°37 | 7°18 | 0♍ 1 | 2°59 | 19°36 | 27°59 | 10°54 | 25°14 | 24°24 | 7°49 | 7°17 | 15°21 | 13°32 | F 10 |
| S 11 | 21 19 2 | 18°51'08 | 4♈49 | 6°59 | 1°15 | 3°37 | 19°35 | 28° 7 | 10°56 | 25°15 | 24°26 | 7°47 | 7°14 | 15°27 | 13°28 | S 11 |
| S 12 | 21 22 59 | 19°48'34 | 17°40 | 6°46 | 2°29 | 4°15 | 19°35 | 28°14 | 10°58 | 25°16 | 24°28 | 7°46 | 7°11 | 15°34 | 13°25 | S 12 |
| M13 | 21 26 55 | 20°46'02 | 0♉11 | 6°39 | 3°43 | 4°52 | 19°34 | 28°21 | 10°59 | 25°17 | 24°30 | 7°45 | 7° 8 | 15°41 | 13°21 | M13 |
| T 14 | 21 30 52 | 21°43'31 | 12°25 | 6°D39 | 4°57 | 5°30 | 19°33 | 28°29 | 11° 1 | 25°19 | 24°32 | 7°44 | 7° 5 | 15°47 | 13°18 | T 14 |
| W15 | 21 34 48 | 22°41'01 | 24°27 | 6°45 | 6°11 | 6° 8 | 19°33 | 28°36 | 11° 3 | 25°20 | 24°33 | 7°D44 | 7° 2 | 15°54 | 13°15 | W15 |
| T 16 | 21 38 45 | 23°38'33 | 6♊22 | 6°58 | 7°25 | 6°46 | 19°D33 | 28°44 | 11° 4 | 25°21 | 24°35 | 7°44 | 6°58 | 16° 1 | 13°11 | T 16 |
| F 17 | 21 42 42 | 24°36'06 | 18°13 | 7°18 | 8°38 | 7°24 | 19°33 | 28°51 | 11° 6 | 25°22 | 24°37 | 7°45 | 6°55 | 16° 7 | 13° 8 | F 17 |
| S 18 | 21 46 38 | 25°33'40 | 0♋ 6 | 7°45 | 9°52 | 8° 2 | 19°33 | 28°58 | 11° 7 | 25°24 | 24°39 | 7°46 | 6°52 | 16°14 | 13° 5 | S 18 |
| S 19 | 21 50 35 | 26°31'15 | 12° 4 | 8°19 | 11° 6 | 8°40 | 19°34 | 29° 5 | 11° 9 | 25°25 | 24°41 | 7°48 | 6°49 | 16°21 | 13° 1 | S 19 |
| M20 | 21 54 31 | 27°28'52 | 24°12 | 8°59 | 12°20 | 9°18 | 19°34 | 29°13 | 11°10 | 25°26 | 24°43 | 7°49 | 6°46 | 16°27 | 12°58 | M20 |
| T 21 | 21 58 28 | 28°26'30 | 6♌32 | 9°46 | 13°34 | 9°56 | 19°35 | 29°20 | 11°11 | 25°28 | 24°45 | 7°R50 | 6°42 | 16°34 | 12°55 | T 21 |
| W22 | 22 2 24 | 29°24'10 | 19° 8 | 10°40 | 14°48 | 10°34 | 19°36 | 29°27 | 11°13 | 25°29 | 24°46 | 7°49 | 6°39 | 16°41 | 12°51 | W22 |
| T 23 | 22 6 21 | 0♍21'50 | 1♍59 | 11°41 | 16° 2 | 11°12 | 19°37 | 29°34 | 11°14 | 25°30 | 24°48 | 7°48 | 6°36 | 16°48 | 12°48 | T 23 |
| F 24 | 22 10 17 | 1°19'32 | 15° 6 | 12°48 | 17°15 | 11°50 | 19°39 | 29°41 | 11°15 | 25°32 | 24°50 | 7°45 | 6°33 | 16°54 | 12°45 | F 24 |
| S 25 | 22 14 14 | 2°17'15 | 28°28 | 14° 0 | 18°29 | 12°28 | 19°40 | 29°48 | 11°16 | 25°33 | 24°52 | 7°42 | 6°30 | 17° 1 | 12°42 | S 25 |
| S 26 | 22 18 11 | 3°14'59 | 12♎ 5 | 15°19 | 19°43 | 13° 6 | 19°42 | 29°55 | 11°17 | 25°35 | 24°54 | 7°38 | 6°27 | 17° 8 | 12°39 | S 26 |
| M27 | 22 22 7 | 4°12'45 | 25°53 | 16°43 | 20°57 | 13°45 | 19°44 | 0♌ 2 | 11°18 | 25°36 | 24°56 | 7°34 | 6°23 | 17°14 | 12°36 | M27 |
| T 28 | 22 26 4 | 5°10'31 | 9♏50 | 18°12 | 22°11 | 14°23 | 19°46 | 0° 9 | 11°19 | 25°38 | 24°57 | 7°32 | 6°20 | 17°21 | 12°33 | T 28 |
| W29 | 22 30 0 | 6° 8'19 | 23°55 | 19°45 | 23°25 | 15° 1 | 19°48 | 0°16 | 11°20 | 25°40 | 24°59 | 7°30 | 6°17 | 17°28 | 12°30 | W29 |
| T 30 | 22 33 57 | 7° 6'08 | 8♐ 5 | 21°23 | 24°39 | 15°39 | 19°51 | 0°23 | 11°21 | 25°41 | 25° 1 | 7°D29 | 6°14 | 17°34 | 12°27 | T 30 |
| F 31 | 22 37 53 | 8♑ 3'57 | 22♐18 | 23♌ 5 | 25♑52 | 16♑17 | 19♐53 | 0♌29 | 11♊22 | 25♎43 | 25♌ 3 | 7♌30 | 6♌11 | 17♊41 | 12♒24 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 17n53 | 10s40 | 5n16 | 12n 8 | 4s59 | 16n24 | 1n22 | 13n27 | 1n 8 | 22s34 | 0n26 | 20n39 | 0s 5 | 21n52 | 0s 7 | 8s11 | 1n37 | 21n 2 | 8n 4 | 18n16 | 18n17 | 18n21 | 9s22 | 7n31 |
| T 2 | 17 38 | 14 38 | 4 59 | 12 18 | 5 1 | 16 2 | 1 23 | 13 14 | 1 8 | 22 34 | 0 25 | 20 38 | 0 5 | 21 53 | 0 7 | 8 11 | 1 37 | 21 2 | 8 4 | 18 16 | 18 18 | 18 23 | 9 23 | 7 31 |
| F 3 | 17 22 | 17 46 | 4 24 | 12 30 | 5 1 | 15 39 | 1 24 | 13 1 | 1 8 | 22 34 | 0 25 | 20 36 | 0 5 | 21 53 | 0 7 | 8 12 | 1 37 | 21 1 | 8 4 | 18 16 | 18 19 | 18 24 | 9 24 | 7 31 |
| S 4 | 17 6 | 19 49 | 3 31 | 12 43 | 4 58 | 15 16 | 1 24 | 12 47 | 1 8 | 22 34 | 0 25 | 20 35 | 0 5 | 21 53 | 0 7 | 8 12 | 1 37 | 21 0 | 8 4 | 18 16 | 18 19 | 18 25 | 9 25 | 7 31 |
| S 5 | 16 50 | 20 32 | 2 24 | 12 58 | 4 55 | 14 52 | 1 25 | 12 34 | 1 8 | 22 34 | 0 25 | 20 34 | 0 5 | 21 54 | 0 7 | 8 12 | 1 37 | 21 0 | 8 4 | 18 16 | 18 20 | 18 26 | 9 25 | 7 31 |
| M 6 | 16 34 | 19 53 | 1 8 | 13 14 | 4 49 | 14 28 | 1 26 | 12 20 | 1 7 | 22 34 | 0 25 | 20 32 | 0 5 | 21 54 | 0 7 | 8 13 | 1 37 | 20 59 | 8 4 | 18 16 | 18 21 | 18 28 | 9 26 | 7 31 |
| T 7 | 16 17 | 17 55 | 0s11 | 13 30 | 4 42 | 14 3 | 1 26 | 12 7 | 1 7 | 22 34 | 0 24 | 20 31 | 0 4 | 21 54 | 0 7 | 8 13 | 1 37 | 20 59 | 8 4 | 18 16 | 18 22 | 18 29 | 9 27 | 7 31 |
| W 8 | 16 0 | 14 51 | 1 29 | 13 47 | 4 33 | 13 39 | 1 27 | 11 53 | 1 7 | 22 34 | 0 24 | 20 29 | 0 4 | 21 54 | 0 7 | 8 14 | 1 37 | 20 58 | 8 4 | 18 16 | 18 23 | 18 30 | 9 28 | 7 31 |
| T 9 | 15 43 | 11 0 | 2 40 | 14 4 | 4 22 | 13 13 | 1 27 | 11 39 | 1 7 | 22 35 | 0 24 | 20 28 | 0 4 | 21 55 | 0 7 | 8 14 | 1 36 | 20 57 | 8 4 | 18 16 | 18 23 | 18 31 | 9 29 | 7 31 |
| F 10 | 15 26 | 6 41 | 3 39 | 14 21 | 4 11 | 12 48 | 1 27 | 11 25 | 1 6 | 22 35 | 0 24 | 20 27 | 0 4 | 21 55 | 0 7 | 8 15 | 1 36 | 20 57 | 8 4 | 18 16 | 18 24 | 18 33 | 9 31 | 7 31 |
| S 11 | 15 8 | 2 9 | 4 26 | 14 39 | 3 58 | 12 22 | 1 27 | 11 11 | 1 6 | 22 35 | 0 24 | 20 25 | 0 4 | 21 55 | 0 7 | 8 15 | 1 36 | 20 56 | 8 4 | 18 17 | 18 25 | 18 34 | 9 32 | 7 31 |
| S 12 | 14 50 | 2n20 | 4 57 | 14 55 | 3 44 | 11 56 | 1 28 | 10 57 | 1 6 | 22 35 | 0 24 | 20 24 | 0 4 | 21 55 | 0 7 | 8 15 | 1 36 | 20 56 | 8 4 | 18 17 | 18 26 | 18 35 | 9 33 | 7 31 |
| M13 | 14 32 | 6 36 | 5 14 | 15 11 | 3 29 | 11 29 | 1 28 | 10 43 | 1 6 | 22 35 | 0 23 | 20 22 | 0 4 | 21 56 | 0 7 | 8 16 | 1 36 | 20 55 | 8 4 | 18 17 | 18 27 | 18 36 | 9 34 | 7 31 |
| T 14 | 14 14 | 10 31 | 5 15 | 15 26 | 3 14 | 11 2 | 1 28 | 10 29 | 1 6 | 22 35 | 0 23 | 20 21 | 0 4 | 21 56 | 0 7 | 8 16 | 1 36 | 20 55 | 8 4 | 18 17 | 18 27 | 18 38 | 9 35 | 7 30 |
| W15 | 13 55 | 13 56 | 5 3 | 15 40 | 2 58 | 10 35 | 1 28 | 10 15 | 1 5 | 22 35 | 0 23 | 20 20 | 0 4 | 21 56 | 0 6 | 8 17 | 1 36 | 20 54 | 8 4 | 18 18 | 18 28 | 18 39 | 9 36 | 7 30 |
| T 16 | 13 36 | 16 45 | 4 38 | 15 53 | 2 41 | 10 8 | 1 28 | 10 1 | 1 5 | 22 35 | 0 23 | 20 18 | 0 4 | 21 56 | 0 6 | 8 17 | 1 36 | 20 53 | 8 4 | 18 17 | 18 29 | 18 40 | 9 37 | 7 30 |
| F 17 | 13 17 | 18 52 | 4 1 | 16 4 | 2 24 | 9 40 | 1 28 | 9 46 | 1 5 | 22 36 | 0 23 | 20 17 | 0 4 | 21 57 | 0 6 | 8 18 | 1 36 | 20 53 | 8 5 | 18 17 | 18 30 | 18 41 | 9 38 | 7 30 |
| S 18 | 12 58 | 20 9 | 3 14 | 16 14 | 2 7 | 9 12 | 1 27 | 9 32 | 1 5 | 22 36 | 0 22 | 20 15 | 0 4 | 21 57 | 0 6 | 8 18 | 1 36 | 20 52 | 8 5 | 18 17 | 18 31 | 18 43 | 9 39 | 7 30 |
| S 19 | 12 39 | 20 33 | 2 17 | 16 22 | 1 50 | 8 44 | 1 27 | 9 18 | 1 4 | 22 36 | 0 22 | 20 14 | 0 3 | 21 57 | 0 6 | 8 19 | 1 36 | 20 52 | 8 5 | 18 16 | 18 31 | 18 44 | 9 40 | 7 30 |
| M20 | 12 19 | 20 0 | 1 15 | 16 28 | 1 33 | 8 15 | 1 27 | 9 3 | 1 4 | 22 36 | 0 22 | 20 13 | 0 3 | 21 57 | 0 6 | 8 19 | 1 36 | 20 51 | 8 5 | 18 16 | 18 32 | 18 45 | 9 41 | 7 30 |
| T 21 | 11 59 | 18 29 | 0 7 | 16 31 | 1 17 | 7 47 | 1 26 | 8 49 | 1 4 | 22 37 | 0 22 | 20 11 | 0 3 | 21 57 | 0 6 | 8 20 | 1 36 | 20 51 | 8 5 | 18 16 | 18 33 | 18 46 | 9 42 | 7 29 |
| W22 | 11 39 | 16 2 | 1n 2 | 16 33 | 1 0 | 7 18 | 1 26 | 8 34 | 1 4 | 22 37 | 0 22 | 20 10 | 0 3 | 21 58 | 0 6 | 8 20 | 1 36 | 20 50 | 8 5 | 18 16 | 18 34 | 18 47 | 9 43 | 7 29 |
| T 23 | 11 19 | 12 45 | 2 9 | 16 32 | 0 44 | 6 49 | 1 25 | 8 19 | 1 3 | 22 37 | 0 22 | 20 8 | 0 3 | 21 58 | 0 6 | 8 21 | 1 36 | 20 50 | 8 5 | 18 16 | 18 35 | 18 49 | 9 44 | 7 29 |
| F 24 | 10 59 | 8 47 | 3 11 | 16 28 | 0 29 | 6 19 | 1 25 | 8 5 | 1 3 | 22 37 | 0 21 | 20 7 | 0 3 | 21 58 | 0 6 | 8 22 | 1 36 | 20 49 | 8 5 | 18 17 | 18 35 | 18 50 | 9 45 | 7 29 |
| S 25 | 10 38 | 4 20 | 4 3 | 16 22 | 0 14 | 5 50 | 1 24 | 7 50 | 1 3 | 22 38 | 0 21 | 20 6 | 0 3 | 21 58 | 0 6 | 8 22 | 1 36 | 20 48 | 8 5 | 18 18 | 18 36 | 18 51 | 9 46 | 7 28 |
| S 26 | 10 17 | 0s25 | 4 43 | 16 12 | 0n 0 | 5 20 | 1 23 | 7 35 | 1 2 | 22 38 | 0 21 | 20 4 | 0 3 | 21 58 | 0 6 | 8 23 | 1 36 | 20 48 | 8 5 | 18 19 | 18 37 | 18 52 | 9 48 | 7 28 |
| M27 | 9 56 | 5 12 | 5 7 | 16 0 | 0 13 | 4 50 | 1 22 | 7 20 | 1 2 | 22 38 | 0 21 | 20 3 | 0 3 | 21 58 | 0 6 | 8 23 | 1 36 | 20 47 | 8 5 | 18 20 | 18 38 | 18 53 | 9 49 | 7 28 |
| T 28 | 9 35 | 9 46 | 5 13 | 15 45 | 0 26 | 4 21 | 1 22 | 7 5 | 1 2 | 22 39 | 0 21 | 20 1 | 0 3 | 21 59 | 0 6 | 8 24 | 1 36 | 20 47 | 8 5 | 18 21 | 18 39 | 18 55 | 9 50 | 7 28 |
| W29 | 9 14 | 13 51 | 5 1 | 15 27 | 0 38 | 3 51 | 1 21 | 6 50 | 1 2 | 22 39 | 0 20 | 20 0 | 0 3 | 21 59 | 0 6 | 8 24 | 1 36 | 20 46 | 8 6 | 18 21 | 18 39 | 18 56 | 9 51 | 7 27 |
| T 30 | 8 53 | 17 9 | 4 30 | 15 7 | 0 49 | 3 20 | 1 20 | 6 35 | 1 1 | 22 39 | 0 20 | 19 59 | 0 3 | 21 59 | 0 6 | 8 25 | 1 36 | 20 46 | 8 6 | 18 21 | 18 40 | 18 57 | 9 52 | 7 27 |
| F 31 | 8n31 | 19s27 | 3n43 | 14n43 | 0n59 | 2n50 | 1n18 | 6n20 | 1n 1 | 22s40 | 0n20 | 19n57 | 0s 2 | 21n59 | 0s 6 | 8s26 | 1n36 | 20n45 | 8n 6 | 18n21 | 18n41 | 18n58 | 9s53 | 7n27 |

Julian Day Number = 2614655.5, Delta T = 11m00s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'03, Lahiri = 30°06'04


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## SEPTEMBER 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 41 50 | 9♍ 1'48 | 6♉31 | 24♌50 | 27♍ 6 | 16♍55 | 19♐56 | 0♌36 | 11♊23 | 25♎44 | 25♌ 5 | 7♌31 | 6♌ 8 | 17♊48 | 12°R21 | S 1 |
| S 2 | 22 45 46 | 9°59'41 | 20°44 | 26°38 | 28°20 | 17°33 | 19°59 | 0°43 | 11°24 | 25°46 | 25° 6 | 7°33 | 6° 4 | 17°54 | 12♒18 | S 2 |
| M 3 | 22 49 43 | 10°57'34 | 4♒52 | 28°29 | 29°34 | 18°12 | 20° 2 | 0°49 | 11°24 | 25°48 | 25° 8 | 7°R33 | 6° 1 | 18° 1 | 12°15 | M 3 |
| T 4 | 22 53 40 | 11°55'29 | 18°54 | 0♍22 | 0♎48 | 18°50 | 20° 6 | 0°56 | 11°25 | 25°49 | 25°10 | 7°33 | 5°58 | 18° 8 | 12°12 | T 4 |
| W 5 | 22 57 36 | 12°53'25 | 2♓45 | 2°16 | 2° 1 | 19°28 | 20° 9 | 1° 2 | 11°26 | 25°51 | 25°12 | 7°31 | 5°55 | 18°15 | 12° 9 | W 5 |
| T 6 | 23 1 33 | 13°51'22 | 16°24 | 4°12 | 3°15 | 20° 6 | 20°13 | 1° 9 | 11°26 | 25°53 | 25°14 | 7°27 | 5°52 | 18°21 | 12° 7 | T 6 |
| F 7 | 23 5 29 | 14°49'21 | 29°46 | 6° 8 | 4°29 | 20°44 | 20°17 | 1°15 | 11°27 | 25°55 | 25°15 | 7°22 | 5°48 | 18°28 | 12° 4 | F 7 |
| S 8 | 23 9 26 | 15°47'22 | 12♈51 | 8° 6 | 5°43 | 21°23 | 20°21 | 1°22 | 11°27 | 25°57 | 25°17 | 7°15 | 5°45 | 18°35 | 12° 1 | S 8 |
| S 9 | 23 13 22 | 16°45'25 | 25°38 | 10° 3 | 6°56 | 22° 1 | 20°25 | 1°28 | 11°27 | 25°58 | 25°19 | 7° 9 | 5°42 | 18°41 | 11°59 | S 9 |
| M10 | 23 17 19 | 17°43'29 | 8♉ 7 | 12° 0 | 8°10 | 22°39 | 20°29 | 1°34 | 11°28 | 26° 0 | 25°21 | 7° 3 | 5°39 | 18°48 | 11°56 | M10 |
| T 11 | 23 21 15 | 18°41'35 | 20°21 | 13°58 | 9°24 | 23°17 | 20°34 | 1°40 | 11°28 | 26° 2 | 25°22 | 6°57 | 5°36 | 18°55 | 11°54 | T 11 |
| W12 | 23 25 12 | 19°39'43 | 2♊23 | 15°55 | 10°38 | 23°56 | 20°39 | 1°46 | 11°28 | 26° 4 | 25°24 | 6°54 | 5°33 | 19° 1 | 11°51 | W12 |
| T 13 | 23 29 9 | 20°37'53 | 14°17 | 17°51 | 11°51 | 24°34 | 20°43 | 1°53 | 11°29 | 26° 6 | 25°26 | 6°52 | 5°29 | 19° 8 | 11°49 | T 13 |
| F 14 | 23 33 5 | 21°36'05 | 26° 8 | 19°46 | 13° 5 | 25°12 | 20°48 | 1°59 | 11°29 | 26° 8 | 25°27 | 6°D52 | 5°26 | 19°15 | 11°47 | F 14 |
| S 15 | 23 37 2 | 22°34'19 | 8♋ 0 | 21°41 | 14°19 | 25°51 | 20°54 | 2° 4 | 11°29 | 26°10 | 25°29 | 6°53 | 5°23 | 19°21 | 11°44 | S 15 |
| S 16 | 23 40 58 | 23°32'36 | 20° 0 | 23°35 | 15°33 | 26°29 | 20°59 | 2°10 | 11°R29 | 26°12 | 25°31 | 6°54 | 5°20 | 19°28 | 11°42 | S 16 |
| M17 | 23 44 55 | 24°30'54 | 2♌11 | 25°28 | 16°46 | 27° 7 | 21° 4 | 2°16 | 11°29 | 26°13 | 25°32 | 6°R55 | 5°17 | 19°35 | 11°40 | M17 |
| T 18 | 23 48 51 | 25°29'14 | 14°38 | 27°20 | 18° 0 | 27°46 | 21°10 | 2°22 | 11°29 | 26°15 | 25°34 | 6°55 | 5°13 | 19°41 | 11°38 | T 18 |
| W19 | 23 52 48 | 26°27'36 | 27°24 | 29°11 | 19°14 | 28°24 | 21°16 | 2°28 | 11°29 | 26°17 | 25°36 | 6°53 | 5°10 | 19°48 | 11°36 | W19 |
| T 20 | 23 56 44 | 27°25'59 | 10♍32 | 1♎ 1 | 20°27 | 29° 3 | 21°22 | 2°33 | 11°28 | 26°19 | 25°37 | 6°49 | 5° 7 | 19°55 | 11°34 | T 20 |
| F 21 | 0 0 41 | 28°24'25 | 24° 1 | 2°50 | 21°41 | 29°41 | 21°28 | 2°39 | 11°28 | 26°21 | 25°39 | 6°43 | 5° 4 | 20° 1 | 11°32 | F 21 |
| S 22 | 0 4 37 | 29°22'53 | 7♎49 | 4°38 | 22°55 | 0♎20 | 21°34 | 2°44 | 11°28 | 26°23 | 25°41 | 6°35 | 5° 1 | 20° 8 | 11°30 | S 22 |
| S 23 | 0 8 34 | 0♎21'22 | 21°53 | 6°24 | 24° 8 | 0°58 | 21°41 | 2°49 | 11°28 | 26°25 | 25°42 | 6°26 | 4°58 | 20°15 | 11°28 | S 23 |
| M24 | 0 12 31 | 1°19'54 | 6♏ 8 | 8°10 | 25°22 | 1°37 | 21°47 | 2°55 | 11°27 | 26°28 | 25°44 | 6°17 | 4°54 | 20°22 | 11°26 | M24 |
| T 25 | 0 16 27 | 2°18'27 | 20°28 | 9°55 | 26°36 | 2°15 | 21°54 | 3° 0 | 11°27 | 26°30 | 25°45 | 6°10 | 4°51 | 20°28 | 11°25 | T 25 |
| W26 | 0 20 24 | 3°17'01 | 4♐49 | 11°38 | 27°49 | 2°54 | 22° 1 | 3° 5 | 11°26 | 26°32 | 25°47 | 6° 5 | 4°48 | 20°35 | 11°23 | W26 |
| T 27 | 0 24 20 | 4°15'38 | 19° 7 | 13°21 | 29° 3 | 3°32 | 22° 8 | 3°10 | 11°26 | 26°34 | 25°48 | 6° 2 | 4°45 | 20°42 | 11°21 | T 27 |
| F 28 | 0 28 17 | 5°14'15 | 3♑18 | 15° 2 | 0♏17 | 4°11 | 22°15 | 3°15 | 11°25 | 26°36 | 25°50 | 6°D 1 | 4°42 | 20°48 | 11°20 | F 28 |
| S 29 | 0 32 13 | 6°12'55 | 17°21 | 16°43 | 1°30 | 4°50 | 22°22 | 3°20 | 11°25 | 26°38 | 25°51 | 6° 1 | 4°39 | 20°55 | 11°19 | S 29 |
| S 30 | 0 36 10 | 7♎11'36 | 1♒16 | 18♎22 | 2♏44 | 5♎28 | 22♐30 | 3♌25 | 11♊24 | 26♎40 | 25♌53 | 6°R 1 | 4♌35 | 21♊ 2 | 11♒17 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n10 | 20s32 | 2n42 | 14n17 | 1n 8 | 2n20 | 1n17 | 6n 5 | 1n 1 | 22s40 | 0n20 | 19n56 | 0s 2 | 21n59 | 0s 6 | 8s26 | 1n36 | 20n45 | 8n 6 | 18n21 | 18n42 | 18n59 | 9s54 | 7n27 |
| S 2 | 7 48 | 20 17 | 1 31 | 13 48 | 1 16 | 1 50 | 1 16 | 5 50 | 1 1 | 22 40 | 0 20 | 19 55 | 0 2 | 21 59 | 0 6 | 8 27 | 1 36 | 20 44 | 8 6 | 18 20 | 18 42 | 19 0 | 9 55 | 7 26 |
| M 3 | 7 26 | 18 46 | 0 15 | 13 16 | 1 23 | 1 19 | 1 15 | 5 35 | 1 0 | 22 41 | 0 20 | 19 53 | 0 2 | 21 59 | 0 6 | 8 28 | 1 35 | 20 44 | 8 6 | 18 20 | 18 43 | 19 2 | 9 56 | 7 26 |
| T 4 | 7 4 | 16 6 | 1s 2 | 12 42 | 1 29 | 0 49 | 1 13 | 5 20 | 1 0 | 22 41 | 0 19 | 19 52 | 0 2 | 21 59 | 0 6 | 8 28 | 1 35 | 20 43 | 8 6 | 18 20 | 18 44 | 19 3 | 9 57 | 7 26 |
| W 5 | 6 42 | 12 32 | 2 13 | 12 6 | 1 34 | 0 18 | 1 12 | 5 5 | 1 0 | 22 42 | 0 19 | 19 51 | 0 2 | 21 59 | 0 6 | 8 29 | 1 35 | 20 43 | 8 6 | 18 21 | 18 45 | 19 4 | 9 58 | 7 25 |
| T 6 | 6 20 | 8 22 | 3 16 | 11 28 | 1 38 | 0s13 | 1 11 | 4 49 | 0 59 | 22 42 | 0 19 | 19 49 | 0 2 | 21 59 | 0 6 | 8 30 | 1 35 | 20 42 | 8 7 | 18 22 | 18 46 | 19 5 | 9 59 | 7 25 |
| F 7 | 5 58 | 3 51 | 4 6 | 10 49 | 1 42 | 0 43 | 1 9 | 4 34 | 0 59 | 22 43 | 0 19 | 19 48 | 0 2 | 22 0 | 0 6 | 8 30 | 1 35 | 20 42 | 8 7 | 18 23 | 18 46 | 19 6 | 10 0 | 7 25 |
| S 8 | 5 35 | 0n43 | 4 42 | 10 8 | 1 44 | 1 14 | 1 8 | 4 19 | 0 59 | 22 43 | 0 19 | 19 47 | 0 2 | 22 0 | 0 6 | 8 31 | 1 35 | 20 41 | 8 7 | 18 25 | 18 47 | 19 7 | 10 1 | 7 24 |
| S 9 | 5 13 | 5 10 | 5 4 | 9 25 | 1 46 | 1 44 | 1 6 | 4 3 | 0 59 | 22 44 | 0 19 | 19 45 | 0 2 | 22 0 | 0 6 | 8 32 | 1 35 | 20 41 | 8 7 | 18 26 | 18 48 | 19 9 | 10 2 | 7 24 |
| M10 | 4 50 | 9 17 | 5 10 | 8 41 | 1 47 | 2 15 | 1 4 | 3 48 | 0 58 | 22 44 | 0 18 | 19 44 | 0 2 | 22 0 | 0 6 | 8 32 | 1 35 | 20 40 | 8 7 | 18 28 | 18 49 | 19 10 | 10 3 | 7 24 |
| T 11 | 4 28 | 12 57 | 5 1 | 7 56 | 1 47 | 2 46 | 1 2 | 3 33 | 0 58 | 22 44 | 0 18 | 19 43 | 0 1 | 22 0 | 0 6 | 8 33 | 1 35 | 20 40 | 8 7 | 18 29 | 18 49 | 19 11 | 10 5 | 7 23 |
| W12 | 4 5 | 16 1 | 4 40 | 7 11 | 1 46 | 3 16 | 1 1 | 3 17 | 0 58 | 22 45 | 0 18 | 19 42 | 0 1 | 22 0 | 0 6 | 8 34 | 1 35 | 20 40 | 8 8 | 18 30 | 18 50 | 19 12 | 10 6 | 7 23 |
| T 13 | 3 42 | 18 23 | 4 6 | 6 24 | 1 45 | 3 47 | 0 59 | 3 2 | 0 57 | 22 45 | 0 18 | 19 40 | 0 1 | 22 0 | 0 6 | 8 34 | 1 35 | 20 39 | 8 8 | 18 31 | 18 51 | 19 13 | 10 7 | 7 22 |
| F 14 | 3 19 | 19 57 | 3 23 | 5 37 | 1 43 | 4 17 | 0 57 | 2 46 | 0 57 | 22 46 | 0 18 | 19 39 | 0 1 | 22 0 | 0 6 | 8 35 | 1 35 | 20 39 | 8 8 | 18 31 | 18 52 | 19 14 | 10 8 | 7 22 |
| S 15 | 2 56 | 20 39 | 2 30 | 4 50 | 1 41 | 4 47 | 0 55 | 2 31 | 0 57 | 22 47 | 0 18 | 19 38 | 0 1 | 22 0 | 0 6 | 8 36 | 1 35 | 20 38 | 8 8 | 18 30 | 18 53 | 19 15 | 10 9 | 7 22 |
| S 16 | 2 33 | 20 24 | 1 30 | 4 2 | 1 38 | 5 18 | 0 53 | 2 15 | 0 56 | 22 47 | 0 17 | 19 37 | 0 1 | 22 0 | 0 6 | 8 37 | 1 35 | 20 38 | 8 8 | 18 30 | 18 53 | 19 17 | 10 10 | 7 21 |
| M17 | 2 10 | 19 13 | 0 26 | 3 14 | 1 34 | 5 48 | 0 51 | 2 0 | 0 56 | 22 48 | 0 17 | 19 35 | 0 1 | 22 0 | 0 6 | 8 37 | 1 35 | 20 37 | 8 8 | 18 30 | 18 54 | 19 18 | 10 11 | 7 21 |
| T 18 | 1 47 | 17 4 | 0n41 | 2 27 | 1 31 | 6 18 | 0 49 | 1 44 | 0 56 | 22 48 | 0 17 | 19 34 | 0 1 | 22 0 | 0 6 | 8 38 | 1 35 | 20 37 | 8 9 | 18 30 | 18 55 | 19 19 | 10 11 | 7 20 |
| W19 | 1 24 | 14 2 | 1 48 | 1 39 | 1 26 | 6 48 | 0 46 | 1 29 | 0 55 | 22 49 | 0 17 | 19 33 | 0 1 | 22 0 | 0 6 | 8 39 | 1 35 | 20 37 | 8 9 | 18 30 | 18 56 | 19 20 | 10 12 | 7 20 |
| T 20 | 1 1 | 10 14 | 2 51 | 0 51 | 1 22 | 7 17 | 0 44 | 1 13 | 0 55 | 22 49 | 0 17 | 19 32 | 0 1 | 22 0 | 0 6 | 8 39 | 1 35 | 20 36 | 8 9 | 18 31 | 18 56 | 19 21 | 10 13 | 7 19 |
| F 21 | 0 38 | 5 49 | 3 45 | 0 3 | 1 17 | 7 47 | 0 42 | 0 58 | 0 55 | 22 50 | 0 17 | 19 31 | 0 1 | 22 0 | 0 6 | 8 40 | 1 35 | 20 36 | 8 9 | 18 33 | 18 57 | 19 22 | 10 14 | 7 19 |
| S 22 | 0 15 | 1 1 | 4 28 | 0s45 | 1 11 | 8 16 | 0 40 | 0 42 | 0 54 | 22 50 | 0 17 | 19 30 | 0 0 | 22 0 | 0 6 | 8 41 | 1 35 | 20 36 | 8 9 | 18 35 | 18 58 | 19 23 | 10 15 | 7 19 |
| S 23 | 0s 8 | 3s56 | 4 56 | 1 32 | 1 6 | 8 46 | 0 37 | 0 27 | 0 54 | 22 51 | 0 16 | 19 28 | 0 0 | 22 0 | 0 6 | 8 42 | 1 35 | 20 35 | 8 10 | 18 37 | 18 59 | 19 24 | 10 16 | 7 18 |
| M24 | 0 32 | 8 43 | 5 5 | 2 19 | 1 0 | 9 15 | 0 35 | 0 11 | 0 54 | 22 51 | 0 16 | 19 27 | 0 0 | 22 0 | 0 6 | 8 42 | 1 35 | 20 35 | 8 10 | 18 39 | 19 0 | 19 26 | 10 17 | 7 18 |
| T 25 | 0 55 | 13 4 | 4 56 | 3 5 | 0 54 | 9 44 | 0 32 | 0s 5 | 0 53 | 22 52 | 0 16 | 19 26 | 0 0 | 22 0 | 0 6 | 8 43 | 1 35 | 20 34 | 8 10 | 18 41 | 19 0 | 19 27 | 10 18 | 7 17 |
| W26 | 1 18 | 16 39 | 4 28 | 3 51 | 0 48 | 10 13 | 0 30 | 0 20 | 0 53 | 22 53 | 0 16 | 19 25 | 0 0 | 22 0 | 0 6 | 8 44 | 1 35 | 20 34 | 8 10 | 18 42 | 19 1 | 19 28 | 10 19 | 7 17 |
| T 27 | 1 41 | 19 13 | 3 44 | 4 37 | 0 41 | 10 41 | 0 27 | 0 36 | 0 53 | 22 53 | 0 16 | 19 24 | 0 0 | 22 0 | 0 6 | 8 45 | 1 35 | 20 34 | 8 10 | 18 43 | 19 2 | 19 29 | 10 20 | 7 16 |
| F 28 | 2 5 | 20 35 | 2 46 | 5 22 | 0 35 | 11 9 | 0 25 | 0 51 | 0 52 | 22 54 | 0 16 | 19 23 | 0n 0 | 21 59 | 0 6 | 8 46 | 1 35 | 20 33 | 8 11 | 18 43 | 19 3 | 19 30 | 10 21 | 7 16 |
| S 29 | 2 28 | 20 38 | 1 38 | 6 7 | 0 28 | 11 37 | 0 22 | 1 7 | 0 52 | 22 54 | 0 15 | 19 22 | 0 0 | 21 59 | 0 6 | 8 46 | 1 35 | 20 33 | 8 11 | 18 43 | 19 3 | 19 31 | 10 21 | 7 15 |
| S 30 | 2s51 | 19s25 | 0n25 | 6s51 | 0n21 | 12s 5 | 0n20 | 1s23 | 0n52 | 22s55 | 0n15 | 19n21 | 0n 0 | 21n59 | 0s 6 | 8s47 | 1n35 | 20n33 | 8n11 | 18n43 | 19n 4 | 19n32 | 10s22 | 7n15 |

Julian Day Number = 2614686.5, Delta T = 11m00s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'08, Lahiri = 30°06'08


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## OCTOBER 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 40 6 | 8♎10'19 | 15♒ 1 | 20♎ 1 | 3♏57 | 6♎ 7 | 22♐37 | 3♌30 | 11°R23 | 26♎42 | 25♌54 | 6°R 1 | 4♌32 | 21♊ 8 | 11°R16 | M 1 |
| T 2 | 0 44 3 | 9° 9'04 | 28°38 | 21°38 | 5°11 | 6°46 | 22°45 | 3°34 | 11♊23 | 26°44 | 25°56 | 5♌59 | 4°29 | 21°15 | 11♒15 | T 2 |
| W 3 | 0 48 0 | 10° 7'50 | 12♓ 4 | 23°15 | 6°24 | 7°24 | 22°53 | 3°39 | 11°22 | 26°47 | 25°57 | 5°54 | 4°26 | 21°22 | 11°13 | W 3 |
| T 4 | 0 51 56 | 11° 6'38 | 25°19 | 24°51 | 7°38 | 8° 3 | 23° 1 | 3°44 | 11°21 | 26°49 | 25°58 | 5°47 | 4°23 | 21°28 | 11°12 | T 4 |
| F 5 | 0 55 53 | 12° 5'28 | 8♈23 | 26°25 | 8°52 | 8°42 | 23° 9 | 3°48 | 11°20 | 26°51 | 26° 0 | 5°37 | 4°19 | 21°35 | 11°11 | F 5 |
| S 6 | 0 59 49 | 13° 4'19 | 21°13 | 27°59 | 10° 5 | 9°21 | 23°17 | 3°52 | 11°19 | 26°53 | 26° 1 | 5°26 | 4°16 | 21°42 | 11°10 | S 6 |
| S 7 | 1 3 46 | 14° 3'13 | 3♉49 | 29°32 | 11°18 | 9°59 | 23°26 | 3°57 | 11°18 | 26°55 | 26° 3 | 5°13 | 4°13 | 21°48 | 11°10 | S 7 |
| M 8 | 1 7 42 | 15° 2'09 | 16°12 | 1♏ 5 | 12°32 | 10°38 | 23°34 | 4° 1 | 11°17 | 26°57 | 26° 4 | 5° 2 | 4°10 | 21°55 | 11° 9 | M 8 |
| T 9 | 1 11 39 | 16° 1'08 | 28°22 | 2°36 | 13°45 | 11°17 | 23°43 | 4° 5 | 11°16 | 27° 0 | 26° 5 | 4°51 | 4° 7 | 22° 2 | 11° 8 | T 9 |
| W10 | 1 15 35 | 17° 0'08 | 10♊21 | 4° 6 | 14°59 | 11°56 | 23°51 | 4° 9 | 11°15 | 27° 2 | 26° 6 | 4°43 | 4° 4 | 22° 8 | 11° 7 | W10 |
| T 11 | 1 19 32 | 17°59'11 | 22°13 | 5°36 | 16°12 | 12°35 | 24° 0 | 4°13 | 11°14 | 27° 4 | 26° 8 | 4°38 | 4° 0 | 22°15 | 11° 7 | T 11 |
| F 12 | 1 23 29 | 18°58'16 | 4♋ 2 | 7° 5 | 17°26 | 13°14 | 24° 9 | 4°16 | 11°12 | 27° 6 | 26° 9 | 4°35 | 3°57 | 22°22 | 11° 6 | F 12 |
| S 13 | 1 27 25 | 19°57'23 | 15°52 | 8°32 | 18°39 | 13°53 | 24°18 | 4°20 | 11°11 | 27° 8 | 26°10 | 4°D34 | 3°54 | 22°28 | 11° 6 | S 13 |
| S 14 | 1 31 22 | 20°56'32 | 27°50 | 9°59 | 19°52 | 14°31 | 24°28 | 4°24 | 11°10 | 27°11 | 26°11 | 4°R34 | 3°51 | 22°35 | 11° 5 | S 14 |
| M15 | 1 35 18 | 21°55'44 | 10♌ 0 | 11°26 | 21° 6 | 15°10 | 24°37 | 4°27 | 11° 8 | 27°13 | 26°13 | 4°34 | 3°48 | 22°42 | 11° 5 | M15 |
| T 16 | 1 39 15 | 22°54'58 | 22°28 | 12°51 | 22°19 | 15°49 | 24°46 | 4°31 | 11° 7 | 27°15 | 26°14 | 4°33 | 3°44 | 22°48 | 11° 5 | T 16 |
| W17 | 1 43 11 | 23°54'14 | 5♍19 | 14°15 | 23°33 | 16°28 | 24°56 | 4°34 | 11° 6 | 27°17 | 26°15 | 4°30 | 3°41 | 22°55 | 11° 5 | W17 |
| T 18 | 1 47 8 | 24°53'33 | 18°34 | 15°38 | 24°46 | 17° 7 | 25° 6 | 4°37 | 11° 4 | 27°20 | 26°16 | 4°24 | 3°38 | 23° 2 | 11° 4 | T 18 |
| F 19 | 1 51 4 | 25°52'54 | 2♎17 | 17° 1 | 25°59 | 17°47 | 25°15 | 4°40 | 11° 3 | 27°22 | 26°17 | 4°15 | 3°35 | 23° 9 | 11°D 4 | F 19 |
| S 20 | 1 55 1 | 26°52'16 | 16°24 | 18°22 | 27°13 | 18°26 | 25°25 | 4°43 | 11° 1 | 27°24 | 26°18 | 4° 4 | 3°32 | 23°15 | 11° 4 | S 20 |
| S 21 | 1 58 58 | 27°51'41 | 0♏52 | 19°42 | 28°26 | 19° 5 | 25°35 | 4°46 | 10°59 | 27°26 | 26°19 | 3°53 | 3°29 | 23°22 | 11° 5 | S 21 |
| M22 | 2 2 54 | 28°51'08 | 15°33 | 21° 2 | 29°39 | 19°44 | 25°45 | 4°49 | 10°58 | 27°29 | 26°20 | 3°41 | 3°25 | 23°29 | 11° 5 | M22 |
| T 23 | 2 6 51 | 29°50'37 | 0♐21 | 22°20 | 0♐52 | 20°23 | 25°56 | 4°52 | 10°56 | 27°31 | 26°21 | 3°31 | 3°22 | 23°35 | 11° 5 | T 23 |
| W24 | 2 10 47 | 0♏50'08 | 15° 5 | 23°36 | 2° 6 | 21° 2 | 26° 6 | 4°55 | 10°54 | 27°33 | 26°22 | 3°23 | 3°19 | 23°42 | 11° 5 | W24 |
| T 25 | 2 14 44 | 1°49'41 | 29°41 | 24°52 | 3°19 | 21°41 | 26°16 | 4°57 | 10°53 | 27°35 | 26°23 | 3°18 | 3°16 | 23°49 | 11° 6 | T 25 |
| F 26 | 2 18 40 | 2°49'15 | 14♑ 3 | 26° 5 | 4°32 | 22°21 | 26°27 | 5° 0 | 10°51 | 27°37 | 26°24 | 3°15 | 3°13 | 23°55 | 11° 6 | F 26 |
| S 27 | 2 22 37 | 3°48'51 | 28° 8 | 27°18 | 5°45 | 23° 0 | 26°37 | 5° 2 | 10°49 | 27°40 | 26°25 | 3°15 | 3°10 | 24° 2 | 11° 7 | S 27 |
| S 28 | 2 26 33 | 4°48'29 | 11♒57 | 28°28 | 6°59 | 23°39 | 26°48 | 5° 4 | 10°47 | 27°42 | 26°26 | 3°15 | 3° 6 | 24° 9 | 11° 7 | S 28 |
| M29 | 2 30 30 | 5°48'08 | 25°30 | 29°37 | 8°12 | 24°19 | 26°59 | 5° 6 | 10°45 | 27°44 | 26°27 | 3°14 | 3° 3 | 24°15 | 11° 8 | M29 |
| T 30 | 2 34 27 | 6°47'49 | 8♓49 | 0♐43 | 9°25 | 24°58 | 27°10 | 5° 8 | 10°43 | 27°46 | 26°27 | 3°11 | 3° 0 | 24°22 | 11° 9 | T 30 |
| W31 | 2 38 23 | 7♏47'32 | 21♓55 | 1♐47 | 10♐38 | 25♎37 | 27♐21 | 5♌10 | 10♊41 | 27♎49 | 26♌28 | 3♌ 5 | 2♌57 | 24♊29 | 11♒10 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 3s14 | 17s 3 | 0s48 | 7s35 | 0n14 | 12s32 | 0n17 | 1s38 | 0n51 | 22s55 | 0n15 | 19n20 | 0n 0 | 21n59 | 0s 6 | 8s48 | 1n35 | 20n33 | 8n11 | 18n43 | 19n 5 | 19n33 | 10s23 | 7n14 |
| T 2 | 3 37 | 13 46 | 1 57 | 8 18 | 0 7 | 13 0 | 0 14 | 1 54 | 0 51 | 22 56 | 0 15 | 19 19 | 0 0 | 21 59 | 0 6 | 8 49 | 1 35 | 20 32 | 8 11 | 18 44 | 19 6 | 19 34 | 10 24 | 7 14 |
| W 3 | 4 0 | 9 47 | 3 0 | 9 1 | 0 0 | 13 27 | 0 11 | 2 9 | 0 51 | 22 56 | 0 15 | 19 18 | 0 1 | 21 59 | 0 6 | 8 49 | 1 35 | 20 32 | 8 12 | 18 45 | 19 6 | 19 35 | 10 25 | 7 13 |
| T 4 | 4 23 | 5 23 | 3 51 | 9 42 | 0s 7 | 13 53 | 0 9 | 2 25 | 0 50 | 22 57 | 0 15 | 19 17 | 0 1 | 21 59 | 0 6 | 8 50 | 1 35 | 20 32 | 8 12 | 18 47 | 19 7 | 19 36 | 10 26 | 7 13 |
| F 5 | 4 46 | 0 48 | 4 29 | 10 24 | 0 14 | 14 19 | 0 6 | 2 40 | 0 50 | 22 58 | 0 15 | 19 16 | 0 1 | 21 59 | 0 6 | 8 51 | 1 35 | 20 31 | 8 12 | 18 49 | 19 8 | 19 37 | 10 26 | 7 12 |
| S 6 | 5 9 | 3n44 | 4 53 | 11 4 | 0 22 | 14 45 | 0 3 | 2 56 | 0 50 | 22 58 | 0 14 | 19 15 | 0 1 | 21 59 | 0 6 | 8 52 | 1 35 | 20 31 | 8 12 | 18 52 | 19 9 | 19 38 | 10 27 | 7 12 |
| S 7 | 5 32 | 8 1 | 5 2 | 11 44 | 0 29 | 15 11 | 0 0 | 3 11 | 0 49 | 22 59 | 0 14 | 19 14 | 0 1 | 21 58 | 0 6 | 8 53 | 1 35 | 20 31 | 8 13 | 18 55 | 19 9 | 19 39 | 10 28 | 7 11 |
| M 8 | 5 55 | 11 54 | 4 56 | 12 23 | 0 36 | 15 36 | 0s 2 | 3 27 | 0 49 | 22 59 | 0 14 | 19 13 | 0 1 | 21 58 | 0 6 | 8 53 | 1 35 | 20 31 | 8 13 | 18 58 | 19 10 | 19 41 | 10 28 | 7 11 |
| T 9 | 6 17 | 15 14 | 4 37 | 13 1 | 0 43 | 16 1 | 0 5 | 3 42 | 0 49 | 23 0 | 0 14 | 19 12 | 0 1 | 21 58 | 0 6 | 8 54 | 1 35 | 20 31 | 8 13 | 19 0 | 19 11 | 19 42 | 10 29 | 7 10 |
| W10 | 6 40 | 17 53 | 4 6 | 13 39 | 0 51 | 16 25 | 0 8 | 3 58 | 0 48 | 23 0 | 0 14 | 19 12 | 0 1 | 21 58 | 0 6 | 8 55 | 1 35 | 20 30 | 8 13 | 19 2 | 19 12 | 19 43 | 10 30 | 7 10 |
| T 11 | 7 2 | 19 45 | 3 25 | 14 16 | 0 58 | 16 49 | 0 11 | 4 13 | 0 48 | 23 1 | 0 14 | 19 11 | 0 1 | 21 58 | 0 6 | 8 56 | 1 35 | 20 30 | 8 14 | 19 3 | 19 12 | 19 44 | 10 31 | 7 9 |
| F 12 | 7 25 | 20 45 | 2 35 | 14 52 | 1 5 | 17 13 | 0 14 | 4 29 | 0 47 | 23 1 | 0 14 | 19 10 | 0 1 | 21 58 | 0 6 | 8 57 | 1 35 | 20 30 | 8 14 | 19 4 | 19 13 | 19 45 | 10 31 | 7 9 |
| S 13 | 7 47 | 20 49 | 1 38 | 15 27 | 1 12 | 17 36 | 0 17 | 4 44 | 0 47 | 23 2 | 0 14 | 19 9 | 0 1 | 21 58 | 0 6 | 8 57 | 1 35 | 20 30 | 8 14 | 19 4 | 19 14 | 19 46 | 10 32 | 7 8 |
| S 14 | 8 9 | 19 58 | 0 36 | 16 2 | 1 19 | 17 59 | 0 20 | 5 0 | 0 47 | 23 2 | 0 13 | 19 8 | 0 2 | 21 57 | 0 6 | 8 58 | 1 35 | 20 30 | 8 14 | 19 4 | 19 15 | 19 47 | 10 32 | 7 7 |
| M15 | 8 31 | 18 10 | 0n29 | 16 35 | 1 26 | 18 21 | 0 23 | 5 15 | 0 46 | 23 3 | 0 13 | 19 8 | 0 2 | 21 57 | 0 6 | 8 59 | 1 35 | 20 29 | 8 15 | 19 4 | 19 15 | 19 48 | 10 33 | 7 7 |
| T 16 | 8 53 | 15 28 | 1 33 | 17 8 | 1 33 | 18 43 | 0 26 | 5 30 | 0 46 | 23 4 | 0 13 | 19 7 | 0 2 | 21 57 | 0 6 | 9 0 | 1 35 | 20 29 | 8 15 | 19 5 | 19 16 | 19 49 | 10 34 | 7 6 |
| W17 | 9 15 | 11 57 | 2 35 | 17 39 | 1 39 | 19 4 | 0 29 | 5 46 | 0 46 | 23 4 | 0 13 | 19 6 | 0 2 | 21 57 | 0 6 | 9 0 | 1 35 | 20 29 | 8 15 | 19 5 | 19 17 | 19 50 | 10 34 | 7 6 |
| T 18 | 9 37 | 7 44 | 3 30 | 18 10 | 1 46 | 19 25 | 0 32 | 6 1 | 0 45 | 23 4 | 0 13 | 19 6 | 0 2 | 21 57 | 0 6 | 9 1 | 1 35 | 20 29 | 8 15 | 19 7 | 19 18 | 19 51 | 10 35 | 7 5 |
| F 19 | 9 58 | 3 0 | 4 16 | 18 40 | 1 52 | 19 46 | 0 34 | 6 16 | 0 45 | 23 5 | 0 13 | 19 5 | 0 2 | 21 56 | 0 6 | 9 2 | 1 35 | 20 29 | 8 16 | 19 9 | 19 18 | 19 52 | 10 35 | 7 5 |
| S 20 | 10 20 | 2s 1 | 4 46 | 19 9 | 1 59 | 20 6 | 0 37 | 6 31 | 0 44 | 23 5 | 0 13 | 19 4 | 0 2 | 21 56 | 0 6 | 9 3 | 1 35 | 20 29 | 8 16 | 19 11 | 19 19 | 19 53 | 10 36 | 7 4 |
| S 21 | 10 41 | 7 3 | 5 0 | 19 37 | 2 5 | 20 25 | 0 40 | 6 46 | 0 44 | 23 6 | 0 12 | 19 4 | 0 2 | 21 56 | 0 6 | 9 4 | 1 35 | 20 29 | 8 16 | 19 14 | 19 20 | 19 54 | 10 36 | 7 4 |
| M22 | 11 2 | 11 46 | 4 54 | 20 4 | 2 11 | 20 44 | 0 43 | 7 2 | 0 44 | 23 6 | 0 12 | 19 3 | 0 2 | 21 56 | 0 6 | 9 4 | 1 35 | 20 28 | 8 17 | 19 17 | 19 20 | 19 55 | 10 37 | 7 3 |
| T 23 | 11 23 | 15 48 | 4 29 | 20 30 | 2 16 | 21 2 | 0 46 | 7 17 | 0 43 | 23 7 | 0 12 | 19 2 | 0 2 | 21 56 | 0 6 | 9 5 | 1 35 | 20 28 | 8 17 | 19 19 | 19 21 | 19 56 | 10 37 | 7 3 |
| W24 | 11 44 | 18 49 | 3 45 | 20 55 | 2 22 | 21 20 | 0 49 | 7 32 | 0 43 | 23 7 | 0 12 | 19 2 | 0 3 | 21 55 | 0 6 | 9 6 | 1 35 | 20 28 | 8 17 | 19 21 | 19 22 | 19 57 | 10 38 | 7 2 |
| T 25 | 12 5 | 20 35 | 2 47 | 21 18 | 2 27 | 21 37 | 0 52 | 7 47 | 0 42 | 23 8 | 0 12 | 19 1 | 0 3 | 21 55 | 0 6 | 9 7 | 1 35 | 20 28 | 8 17 | 19 22 | 19 23 | 19 58 | 10 38 | 7 2 |
| F 26 | 12 25 | 20 59 | 1 40 | 21 41 | 2 32 | 21 53 | 0 55 | 8 2 | 0 42 | 23 8 | 0 12 | 19 1 | 0 3 | 21 55 | 0 6 | 9 8 | 1 35 | 20 28 | 8 18 | 19 23 | 19 23 | 19 59 | 10 38 | 7 1 |
| S 27 | 12 45 | 20 3 | 0 27 | 22 2 | 2 36 | 22 9 | 0 58 | 8 17 | 0 42 | 23 8 | 0 12 | 19 1 | 0 3 | 21 55 | 0 6 | 9 8 | 1 35 | 20 28 | 8 18 | 19 23 | 19 24 | 20 0 | 10 39 | 7 0 |
| S 28 | 13 6 | 17 54 | 0s46 | 22 23 | 2 40 | 22 25 | 1 0 | 8 31 | 0 41 | 23 9 | 0 12 | 19 0 | 0 3 | 21 54 | 0 6 | 9 9 | 1 35 | 20 28 | 8 18 | 19 23 | 19 25 | 20 1 | 10 39 | 7 0 |
| M29 | 13 25 | 14 47 | 1 55 | 22 41 | 2 44 | 22 40 | 1 3 | 8 46 | 0 41 | 23 9 | 0 11 | 19 0 | 0 3 | 21 54 | 0 6 | 9 10 | 1 35 | 20 28 | 8 19 | 19 23 | 19 26 | 20 2 | 10 40 | 6 59 |
| T 30 | 13 45 | 10 58 | 2 56 | 22 59 | 2 48 | 22 54 | 1 6 | 9 1 | 0 40 | 23 10 | 0 11 | 18 59 | 0 3 | 21 54 | 0 6 | 9 11 | 1 35 | 20 28 | 8 19 | 19 24 | 19 26 | 20 3 | 10 40 | 6 59 |
| W31 | 14s 4 | 6s41 | 3s47 | 23s15 | 2s51 | 23s 7 | 1s 9 | 9s16 | 0n40 | 23s10 | 0n11 | 18n59 | 0n 3 | 21n53 | 0s 6 | 9s12 | 1n35 | 20n28 | 8n19 | 19n25 | 19n27 | 20n 4 | 10s40 | 6n58 |

Julian Day Number = 2614716.5, Delta T = 11m00s
Ecliptic obliquity = 23°22'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'12, Lahiri = 30°06'12


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## NOVEMBER 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 42 20 | 8♏47'17 | 4♈49 | 2♐49 | 11♐51 | 26♎17 | 27♐32 | 5♌12 | 10°R39 | 27♎51 | 26♌29 | 2°R57 | 2♌54 | 24♊35 | 11♒11 | T 1 |
| F 2 | 2 46 16 | 9°47'03 | 17°32 | 3°48 | 13° 4 | 26°56 | 27°43 | 5°14 | 10♊37 | 27°53 | 26°30 | 2♌45 | 2°50 | 24°42 | 11°12 | F 2 |
| S 3 | 2 50 13 | 10°46'51 | 0♉ 5 | 4°44 | 14°17 | 27°35 | 27°54 | 5°15 | 10°35 | 27°55 | 26°30 | 2°32 | 2°47 | 24°49 | 11°13 | S 3 |
| S 4 | 2 54 9 | 11°46'41 | 12°27 | 5°36 | 15°30 | 28°15 | 28° 6 | 5°17 | 10°33 | 27°57 | 26°31 | 2°18 | 2°44 | 24°55 | 11°14 | S 4 |
| M 5 | 2 58 6 | 12°46'33 | 24°39 | 6°25 | 16°43 | 28°54 | 28°17 | 5°18 | 10°31 | 28° 0 | 26°32 | 2° 5 | 2°41 | 25° 2 | 11°15 | M 5 |
| T 6 | 3 2 2 | 13°46'27 | 6♊42 | 7° 9 | 17°56 | 29°34 | 28°29 | 5°19 | 10°29 | 28° 2 | 26°32 | 1°53 | 2°38 | 25° 9 | 11°16 | T 6 |
| W 7 | 3 5 59 | 14°46'23 | 18°36 | 7°49 | 19° 9 | 0♏13 | 28°40 | 5°20 | 10°27 | 28° 4 | 26°33 | 1°43 | 2°35 | 25°15 | 11°18 | W 7 |
| T 8 | 3 9 55 | 15°46'21 | 0♋26 | 8°23 | 20°22 | 0°53 | 28°52 | 5°21 | 10°24 | 28° 6 | 26°34 | 1°36 | 2°31 | 25°22 | 11°19 | T 8 |
| F 9 | 3 13 52 | 16°46'21 | 12°13 | 8°52 | 21°35 | 1°33 | 29° 3 | 5°22 | 10°22 | 28° 8 | 26°34 | 1°32 | 2°28 | 25°29 | 11°21 | F 9 |
| S 10 | 3 17 49 | 17°46'23 | 24° 2 | 9°15 | 22°48 | 2°12 | 29°15 | 5°23 | 10°20 | 28°10 | 26°35 | 1°30 | 2°25 | 25°35 | 11°22 | S 10 |
| S 11 | 3 21 45 | 18°46'27 | 5♌57 | 9°30 | 24° 1 | 2°52 | 29°27 | 5°24 | 10°18 | 28°12 | 26°35 | 1°D30 | 2°22 | 25°42 | 11°24 | S 11 |
| M12 | 3 25 42 | 19°46'34 | 18° 5 | 9°R38 | 25°14 | 3°31 | 29°39 | 5°24 | 10°15 | 28°15 | 26°36 | 1°R31 | 2°19 | 25°49 | 11°26 | M12 |
| T 13 | 3 29 38 | 20°46'42 | 0♍29 | 9°37 | 26°26 | 4°11 | 29°51 | 5°25 | 10°13 | 28°17 | 26°36 | 1°30 | 2°16 | 25°55 | 11°27 | T 13 |
| W14 | 3 33 35 | 21°46'52 | 13°16 | 9°27 | 27°39 | 4°51 | 0♑ 3 | 5°25 | 10°11 | 28°19 | 26°37 | 1°28 | 2°12 | 26° 2 | 11°29 | W14 |
| T 15 | 3 37 31 | 22°47'05 | 26°30 | 9° 8 | 28°52 | 5°31 | 0°15 | 5°25 | 10° 8 | 28°21 | 26°37 | 1°24 | 2° 9 | 26° 9 | 11°31 | T 15 |
| F 16 | 3 41 28 | 23°47'19 | 10♎13 | 8°39 | 0♑ 5 | 6°10 | 0°28 | 5°R25 | 10° 6 | 28°23 | 26°37 | 1°17 | 2° 6 | 26°15 | 11°33 | F 16 |
| S 17 | 3 45 24 | 24°47'36 | 24°25 | 8° 1 | 1°17 | 6°50 | 0°40 | 5°25 | 10° 4 | 28°25 | 26°38 | 1° 8 | 2° 3 | 26°22 | 11°35 | S 17 |
| S 18 | 3 49 21 | 25°47'54 | 9♏ 3 | 7°12 | 2°30 | 7°30 | 0°52 | 5°25 | 10° 1 | 28°27 | 26°38 | 0°57 | 2° 0 | 26°29 | 11°37 | S 18 |
| M19 | 3 53 18 | 26°48'14 | 24° 1 | 6°14 | 3°43 | 8°10 | 1° 5 | 5°25 | 9°59 | 28°29 | 26°38 | 0°47 | 1°56 | 26°35 | 11°39 | M19 |
| T 20 | 3 57 14 | 27°48'36 | 9♐ 9 | 5° 8 | 4°55 | 8°50 | 1°17 | 5°25 | 9°56 | 28°31 | 26°38 | 0°38 | 1°53 | 26°42 | 11°42 | T 20 |
| W21 | 4 1 11 | 28°49'00 | 24°16 | 3°55 | 6° 8 | 9°30 | 1°30 | 5°24 | 9°54 | 28°33 | 26°39 | 0°31 | 1°50 | 26°49 | 11°44 | W21 |
| T 22 | 4 5 7 | 29°49'25 | 9♑14 | 2°37 | 7°20 | 10°10 | 1°42 | 5°24 | 9°51 | 28°35 | 26°39 | 0°27 | 1°47 | 26°55 | 11°46 | T 22 |
| F 23 | 4 9 4 | 0♐49'51 | 23°55 | 1°16 | 8°33 | 10°50 | 1°55 | 5°23 | 9°49 | 28°37 | 26°39 | 0°D25 | 1°44 | 27° 2 | 11°49 | F 23 |
| S 24 | 4 13 0 | 1°50'19 | 8♒14 | 29♏56 | 9°45 | 11°30 | 2° 8 | 5°22 | 9°46 | 28°39 | 26°39 | 0°25 | 1°41 | 27° 9 | 11°51 | S 24 |
| S 25 | 4 16 57 | 2°50'48 | 22°10 | 28°38 | 10°58 | 12°10 | 2°20 | 5°21 | 9°44 | 28°41 | 26°39 | 0°26 | 1°37 | 27°15 | 11°54 | S 25 |
| M26 | 4 20 54 | 3°51'18 | 5♓43 | 27°25 | 12°10 | 12°50 | 2°33 | 5°20 | 9°41 | 28°43 | 26°39 | 0°R26 | 1°34 | 27°22 | 11°56 | M26 |
| T 27 | 4 24 50 | 4°51'50 | 18°56 | 26°20 | 13°22 | 13°30 | 2°46 | 5°19 | 9°39 | 28°45 | 26°39 | 0°25 | 1°31 | 27°29 | 11°59 | T 27 |
| W28 | 4 28 47 | 5°52'22 | 1♈51 | 25°24 | 14°35 | 14°10 | 2°59 | 5°18 | 9°36 | 28°47 | 26°R39 | 0°22 | 1°28 | 27°35 | 12° 2 | W28 |
| T 29 | 4 32 43 | 6°52'56 | 14°32 | 24°39 | 15°47 | 14°50 | 3°12 | 5°17 | 9°34 | 28°49 | 26°39 | 0°16 | 1°25 | 27°42 | 12° 5 | T 29 |
| F 30 | 4 36 40 | 7♐53'31 | 26♈59 | 24♏ 5 | 16♑59 | 15♏30 | 3♑25 | 5♌15 | 9♊31 | 28♎50 | 26♌39 | 0♌ 8 | 1♌22 | 27♊49 | 12♒ 7 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s24 | 2s 9 | 4s25 | 23s30 | 2s53 | 23s20 | 1s12 | 9s30 | 0n39 | 23s10 | 0n11 | 18n59 | 0n 3 | 21n53 | 0s 6 | 9s12 | 1n35 | 20n28 | 8n19 | 19n27 | 19n28 | 20n 5 | 10s40 | 6n58 |
| F 2 | 14 43 | 2n24 | 4 50 | 23 43 | 2 55 | 23 32 | 1 14 | 9 45 | 0 39 | 23 11 | 0 11 | 18 58 | 0 4 | 21 53 | 0 6 | 9 13 | 1 35 | 20 28 | 8 20 | 19 30 | 19 29 | 20 6 | 10 41 | 6 57 |
| S 3 | 15 1 | 6 47 | 5 0 | 23 55 | 2 57 | 23 44 | 1 17 | 9 59 | 0 39 | 23 11 | 0 11 | 18 58 | 0 4 | 21 53 | 0 6 | 9 14 | 1 35 | 20 28 | 8 20 | 19 33 | 19 29 | 20 7 | 10 41 | 6 57 |
| S 4 | 15 20 | 10 50 | 4 55 | 24 6 | 2 57 | 23 55 | 1 20 | 10 14 | 0 38 | 23 11 | 0 11 | 18 58 | 0 4 | 21 52 | 0 6 | 9 15 | 1 35 | 20 28 | 8 20 | 19 36 | 19 30 | 20 8 | 10 41 | 6 56 |
| M 5 | 15 38 | 14 24 | 4 38 | 24 14 | 2 57 | 24 5 | 1 22 | 10 28 | 0 38 | 23 11 | 0 11 | 18 58 | 0 4 | 21 52 | 0 6 | 9 15 | 1 35 | 20 28 | 8 21 | 19 39 | 19 31 | 20 8 | 10 41 | 6 56 |
| T 6 | 15 56 | 17 18 | 4 7 | 24 21 | 2 57 | 24 14 | 1 25 | 10 43 | 0 37 | 23 12 | 0 11 | 18 57 | 0 4 | 21 52 | 0 6 | 9 16 | 1 35 | 20 28 | 8 21 | 19 42 | 19 31 | 20 9 | 10 42 | 6 55 |
| W 7 | 16 14 | 19 28 | 3 27 | 24 26 | 2 55 | 24 23 | 1 27 | 10 57 | 0 37 | 23 12 | 0 10 | 18 57 | 0 4 | 21 51 | 0 6 | 9 17 | 1 35 | 20 28 | 8 21 | 19 44 | 19 32 | 20 10 | 10 42 | 6 54 |
| T 8 | 16 31 | 20 46 | 2 37 | 24 29 | 2 53 | 24 31 | 1 30 | 11 11 | 0 36 | 23 12 | 0 10 | 18 57 | 0 4 | 21 51 | 0 6 | 9 18 | 1 35 | 20 28 | 8 22 | 19 45 | 19 33 | 20 11 | 10 42 | 6 54 |
| F 9 | 16 48 | 21 9 | 1 41 | 24 31 | 2 49 | 24 39 | 1 32 | 11 25 | 0 36 | 23 12 | 0 10 | 18 57 | 0 4 | 21 51 | 0 6 | 9 18 | 1 35 | 20 29 | 8 22 | 19 46 | 19 34 | 20 12 | 10 42 | 6 53 |
| S 10 | 17 5 | 20 36 | 0 40 | 24 29 | 2 45 | 24 45 | 1 35 | 11 39 | 0 35 | 23 13 | 0 10 | 18 57 | 0 4 | 21 51 | 0 6 | 9 19 | 1 35 | 20 29 | 8 22 | 19 46 | 19 34 | 20 13 | 10 42 | 6 53 |
| S 11 | 17 22 | 19 7 | 0n24 | 24 26 | 2 39 | 24 51 | 1 37 | 11 53 | 0 35 | 23 13 | 0 10 | 18 57 | 0 4 | 21 50 | 0 6 | 9 20 | 1 35 | 20 29 | 8 22 | 19 47 | 19 35 | 20 14 | 10 42 | 6 52 |
| M12 | 17 38 | 16 45 | 1 27 | 24 20 | 2 32 | 24 57 | 1 39 | 12 7 | 0 35 | 23 13 | 0 10 | 18 57 | 0 5 | 21 50 | 0 6 | 9 21 | 1 35 | 20 29 | 8 23 | 19 46 | 19 36 | 20 15 | 10 42 | 6 52 |
| T 13 | 17 54 | 13 35 | 2 28 | 24 12 | 2 23 | 25 1 | 1 41 | 12 21 | 0 34 | 23 13 | 0 10 | 18 57 | 0 5 | 21 50 | 0 6 | 9 21 | 1 35 | 20 29 | 8 23 | 19 47 | 19 36 | 20 16 | 10 42 | 6 51 |
| W14 | 18 10 | 9 41 | 3 23 | 24 0 | 2 13 | 25 5 | 1 44 | 12 35 | 0 34 | 23 13 | 0 10 | 18 57 | 0 5 | 21 49 | 0 6 | 9 22 | 1 35 | 20 29 | 8 23 | 19 47 | 19 37 | 20 17 | 10 42 | 6 51 |
| T 15 | 18 25 | 5 12 | 4 9 | 23 46 | 2 1 | 25 8 | 1 46 | 12 48 | 0 33 | 23 13 | 0 10 | 18 57 | 0 5 | 21 49 | 0 6 | 9 23 | 1 35 | 20 29 | 8 24 | 19 48 | 19 38 | 20 18 | 10 42 | 6 50 |
| F 16 | 18 40 | 0 19 | 4 43 | 23 28 | 1 48 | 25 11 | 1 48 | 13 2 | 0 33 | 23 13 | 0 9 | 18 57 | 0 5 | 21 49 | 0 6 | 9 23 | 1 35 | 20 29 | 8 24 | 19 49 | 19 39 | 20 19 | 10 42 | 6 50 |
| S 17 | 18 55 | 4s46 | 5 1 | 23 7 | 1 33 | 25 12 | 1 50 | 13 15 | 0 32 | 23 13 | 0 9 | 18 57 | 0 5 | 21 48 | 0 6 | 9 24 | 1 35 | 20 30 | 8 24 | 19 51 | 19 39 | 20 19 | 10 42 | 6 49 |
| S 18 | 19 10 | 9 44 | 5 0 | 22 43 | 1 17 | 25 13 | 1 52 | 13 29 | 0 32 | 23 13 | 0 9 | 18 57 | 0 5 | 21 48 | 0 6 | 9 25 | 1 35 | 20 30 | 8 25 | 19 54 | 19 40 | 20 20 | 10 42 | 6 49 |
| M19 | 19 24 | 14 13 | 4 39 | 22 16 | 0 59 | 25 13 | 1 54 | 13 42 | 0 31 | 23 13 | 0 9 | 18 57 | 0 5 | 21 48 | 0 6 | 9 25 | 1 35 | 20 30 | 8 25 | 19 56 | 19 41 | 20 21 | 10 42 | 6 48 |
| T 20 | 19 37 | 17 51 | 3 58 | 21 45 | 0 40 | 25 13 | 1 55 | 13 55 | 0 31 | 23 13 | 0 9 | 18 57 | 0 5 | 21 47 | 0 6 | 9 26 | 1 35 | 20 30 | 8 25 | 19 58 | 19 41 | 20 22 | 10 42 | 6 48 |
| W21 | 19 51 | 20 15 | 3 0 | 21 12 | 0 20 | 25 11 | 1 57 | 14 8 | 0 30 | 23 13 | 0 9 | 18 58 | 0 6 | 21 47 | 0 6 | 9 27 | 1 35 | 20 30 | 8 26 | 19 59 | 19 42 | 20 23 | 10 42 | 6 47 |
| T 22 | 20 4 | 21 13 | 1 51 | 20 37 | 0n 1 | 25 9 | 1 59 | 14 21 | 0 30 | 23 13 | 0 9 | 18 58 | 0 6 | 21 46 | 0 6 | 9 28 | 1 35 | 20 31 | 8 26 | 20 0 | 19 43 | 20 24 | 10 42 | 6 47 |
| F 23 | 20 16 | 20 42 | 0 35 | 20 1 | 0 21 | 25 7 | 2 0 | 14 34 | 0 29 | 23 13 | 0 9 | 18 58 | 0 6 | 21 46 | 0 6 | 9 28 | 1 35 | 20 31 | 8 26 | 20 1 | 19 44 | 20 25 | 10 41 | 6 46 |
| S 24 | 20 29 | 18 50 | 0s42 | 19 25 | 0 41 | 25 3 | 2 2 | 14 47 | 0 29 | 23 13 | 0 9 | 18 58 | 0 6 | 21 46 | 0 6 | 9 29 | 1 35 | 20 31 | 8 26 | 20 1 | 19 44 | 20 26 | 10 41 | 6 46 |
| S 25 | 20 41 | 15 53 | 1 54 | 18 49 | 1 1 | 24 59 | 2 3 | 15 0 | 0 28 | 23 13 | 0 8 | 18 59 | 0 6 | 21 45 | 0 6 | 9 29 | 1 35 | 20 31 | 8 27 | 20 1 | 19 45 | 20 27 | 10 41 | 6 45 |
| M26 | 20 52 | 12 9 | 2 58 | 18 15 | 1 19 | 24 54 | 2 5 | 15 13 | 0 28 | 23 13 | 0 8 | 18 59 | 0 6 | 21 45 | 0 6 | 9 30 | 1 35 | 20 32 | 8 27 | 20 0 | 19 46 | 20 27 | 10 41 | 6 45 |
| T 27 | 21 3 | 7 54 | 3 50 | 17 45 | 1 35 | 24 48 | 2 6 | 15 25 | 0 27 | 23 13 | 0 8 | 19 0 | 0 6 | 21 45 | 0 6 | 9 31 | 1 36 | 20 32 | 8 27 | 20 1 | 19 46 | 20 28 | 10 40 | 6 44 |
| W28 | 21 14 | 3 23 | 4 30 | 17 18 | 1 49 | 24 42 | 2 7 | 15 37 | 0 27 | 23 13 | 0 8 | 19 0 | 0 6 | 21 44 | 0 6 | 9 31 | 1 36 | 20 32 | 8 28 | 20 1 | 19 47 | 20 29 | 10 40 | 6 44 |
| T 29 | 21 24 | 1n11 | 4 55 | 16 55 | 2 2 | 24 35 | 2 9 | 15 50 | 0 26 | 23 12 | 0 8 | 19 0 | 0 6 | 21 44 | 0 6 | 9 32 | 1 36 | 20 33 | 8 28 | 20 3 | 19 48 | 20 30 | 10 40 | 6 43 |
| F 30 | 21s34 | 5n37 | 5s 6 | 16s37 | 2n12 | 24s27 | 2s10 | 16s 2 | 0n26 | 23s12 | 0n 8 | 19n 1 | 0n 7 | 21n44 | 0s 6 | 9s33 | 1n36 | 20n33 | 8n28 | 20n 4 | 19n48 | 20n31 | 10s40 | 6n43 |

Julian Day Number = 2614747.5, Delta T = 11m01s
Ecliptic obliquity = 23°22'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'16, Lahiri = 30°06'16


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# ASTRODIENST EPHEMERIS for the year 2446
# geocentric

## DECEMBER 2446 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 40 36 | 8♐54'07 | 9♉17 | 23°R43 | 18♏11 | 16♏11 | 3♏38 | 5°R14 | 9°R29 | 28♎52 | 26°R39 | 29°R59 | 1♌18 | 27♊55 | 12♒10 | S 1 |
| S 2 | 4 44 33 | 9°54'45 | 21°25 | 23°D32 | 19°23 | 16°51 | 3°51 | 5♌12 | 9♊26 | 28°54 | 26♌39 | 29♋49 | 1°15 | 28° 2 | 12°13 | S 2 |
| M 3 | 4 48 29 | 10°55'24 | 3♊27 | 23♏33 | 20°35 | 17°31 | 4° 4 | 5°10 | 9°24 | 28°56 | 26°39 | 29°39 | 1°12 | 28° 9 | 12°16 | M 3 |
| T 4 | 4 52 26 | 11°56'04 | 15°22 | 23°44 | 21°47 | 18°11 | 4°18 | 5° 8 | 9°21 | 28°58 | 26°39 | 29°31 | 1° 9 | 28°15 | 12°20 | T 4 |
| W 5 | 4 56 23 | 12°56'46 | 27°13 | 24° 5 | 22°59 | 18°52 | 4°31 | 5° 6 | 9°19 | 28°59 | 26°38 | 29°24 | 1° 6 | 28°22 | 12°23 | W 5 |
| T 6 | 5 0 19 | 13°57'29 | 9♋ 1 | 24°34 | 24°11 | 19°32 | 4°44 | 5° 4 | 9°16 | 29° 1 | 26°38 | 29°19 | 1° 2 | 28°29 | 12°26 | T 6 |
| F 7 | 5 4 16 | 14°58'13 | 20°49 | 25°11 | 25°22 | 20°12 | 4°57 | 5° 2 | 9°14 | 29° 3 | 26°38 | 29°17 | 0°59 | 28°35 | 12°29 | F 7 |
| S 8 | 5 8 12 | 15°58'59 | 2♌39 | 25°56 | 26°34 | 20°53 | 5°11 | 5° 0 | 9°11 | 29° 4 | 26°38 | 29°D16 | 0°56 | 28°42 | 12°32 | S 8 |
| S 9 | 5 12 9 | 16°59'46 | 14°36 | 26°46 | 27°46 | 21°33 | 5°24 | 4°57 | 9° 9 | 29° 6 | 26°37 | 29°17 | 0°53 | 28°49 | 12°36 | S 9 |
| M10 | 5 16 5 | 18° 0'34 | 26°43 | 27°43 | 28°57 | 22°14 | 5°37 | 4°55 | 9° 6 | 29° 8 | 26°37 | 29°19 | 0°50 | 28°55 | 12°39 | M10 |
| T 11 | 5 20 2 | 19° 1'24 | 9♍ 6 | 28°43 | 0♒ 9 | 22°54 | 5°51 | 4°52 | 9° 4 | 29° 9 | 26°37 | 29°20 | 0°47 | 29° 2 | 12°43 | T 11 |
| W12 | 5 23 58 | 20° 2'15 | 21°48 | 29°48 | 1°20 | 23°35 | 6° 4 | 4°49 | 9° 1 | 29°11 | 26°36 | 29°R21 | 0°43 | 29° 9 | 12°46 | W12 |
| T 13 | 5 27 55 | 21° 3'08 | 4♎55 | 0♐57 | 2°32 | 24°15 | 6°18 | 4°47 | 8°59 | 29°12 | 26°36 | 29°20 | 0°40 | 29°15 | 12°50 | T 13 |
| F 14 | 5 31 52 | 22° 4'02 | 18°29 | 2° 9 | 3°43 | 24°56 | 6°31 | 4°44 | 8°56 | 29°14 | 26°35 | 29°17 | 0°37 | 29°22 | 12°53 | F 14 |
| S 15 | 5 35 48 | 23° 4'57 | 2♏33 | 3°23 | 4°54 | 25°36 | 6°45 | 4°41 | 8°54 | 29°15 | 26°35 | 29°13 | 0°34 | 29°29 | 12°57 | S 15 |
| S 16 | 5 39 45 | 24° 5'53 | 17° 4 | 4°40 | 6° 5 | 26°17 | 6°59 | 4°38 | 8°52 | 29°17 | 26°34 | 29° 8 | 0°31 | 29°35 | 13° 1 | S 16 |
| M17 | 5 43 41 | 25° 6'51 | 1♐59 | 5°59 | 7°16 | 26°58 | 7°12 | 4°35 | 8°49 | 29°18 | 26°34 | 29° 2 | 0°28 | 29°42 | 13° 5 | M17 |
| T 18 | 5 47 38 | 26° 7'50 | 17°10 | 7°20 | 8°27 | 27°38 | 7°26 | 4°31 | 8°47 | 29°20 | 26°33 | 28°58 | 0°24 | 29°49 | 13° 8 | T 18 |
| W19 | 5 51 34 | 27° 8'49 | 2♑27 | 8°42 | 9°38 | 28°19 | 7°39 | 4°28 | 8°44 | 29°21 | 26°33 | 28°54 | 0°21 | 29°55 | 13°12 | W19 |
| T 20 | 5 55 31 | 28° 9'50 | 17°39 | 10° 5 | 10°49 | 29° 0 | 7°53 | 4°25 | 8°42 | 29°23 | 26°32 | 28°52 | 0°18 | 0♋ 2 | 13°16 | T 20 |
| F 21 | 5 59 27 | 29°10'51 | 2♒36 | 11°30 | 11°59 | 29°41 | 8° 7 | 4°21 | 8°40 | 29°24 | 26°32 | 28°D52 | 0°15 | 0° 9 | 13°20 | F 21 |
| S 22 | 6 3 24 | 0♑11'53 | 17°13 | 12°55 | 13°10 | 0♐22 | 8°21 | 4°17 | 8°37 | 29°25 | 26°31 | 28°53 | 0°12 | 0°15 | 13°24 | S 22 |
| S 23 | 6 7 21 | 1°12'55 | 1♓24 | 14°21 | 14°20 | 1° 2 | 8°34 | 4°14 | 8°35 | 29°26 | 26°30 | 28°54 | 0° 8 | 0°22 | 13°28 | S 23 |
| M24 | 6 11 17 | 2°13'57 | 15° 8 | 15°48 | 15°31 | 1°43 | 8°48 | 4°10 | 8°33 | 29°28 | 26°30 | 28°56 | 0° 5 | 0°29 | 13°32 | M24 |
| T 25 | 6 15 14 | 3°15'00 | 28°27 | 17°16 | 16°41 | 2°24 | 9° 2 | 4° 6 | 8°31 | 29°29 | 26°29 | 28°R57 | 0° 2 | 0°35 | 13°36 | T 25 |
| W26 | 6 19 10 | 4°16'04 | 11♈23 | 18°44 | 17°51 | 3° 5 | 9°16 | 4° 2 | 8°29 | 29°30 | 26°28 | 28°56 | 29♋59 | 0°42 | 13°40 | W26 |
| T 27 | 6 23 7 | 5°17'07 | 23°59 | 20°13 | 19° 1 | 3°46 | 9°29 | 3°58 | 8°26 | 29°31 | 26°27 | 28°55 | 29°56 | 0°49 | 13°45 | T 27 |
| F 28 | 6 27 3 | 6°18'11 | 6♉19 | 21°42 | 20°11 | 4°27 | 9°43 | 3°54 | 8°24 | 29°32 | 26°26 | 28°53 | 29°53 | 0°55 | 13°49 | F 28 |
| S 29 | 6 31 0 | 7°19'15 | 18°27 | 23°12 | 21°21 | 5° 8 | 9°57 | 3°50 | 8°22 | 29°34 | 26°26 | 28°50 | 29°49 | 1° 2 | 13°53 | S 29 |
| S 30 | 6 34 56 | 8°20'20 | 0♊26 | 24°42 | 22°30 | 5°49 | 10°11 | 3°46 | 8°20 | 29°35 | 26°25 | 28°46 | 29°46 | 1° 9 | 13°57 | S 30 |
| M31 | 6 38 53 | 9♑21'24 | 12♊20 | 26♐12 | 23♒40 | 6♐30 | 10♑24 | 3♌42 | 8♊18 | 29♎36 | 26♌24 | 28♋43 | 29♋43 | 1♋15 | 14♒ 2 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s44 | 9n46 | 5s 2 | 16s23 | 2n20 | 24s18 | 2s11 | 16s14 | 0n25 | 23s12 | 0n 8 | 19n 1 | 0n 7 | 21n43 | 0s 6 | 9s33 | 1n36 | 20n33 | 8n29 | 20n 6 | 19n49 | 20n32 | 10s39 | 6n42 |
| S 2 | 21 53 | 13 29 | 4 45 | 16 15 | 2 26 | 24 9 | 2 11 | 16 26 | 0 25 | 23 12 | 0 8 | 19 2 | 0 7 | 21 43 | 0 6 | 9 34 | 1 36 | 20 34 | 8 29 | 20 8 | 19 50 | 20 32 | 10 39 | 6 42 |
| M 3 | 22 2 | 16 37 | 4 15 | 16 11 | 2 31 | 23 59 | 2 12 | 16 38 | 0 24 | 23 11 | 0 8 | 19 2 | 0 7 | 21 42 | 0 6 | 9 34 | 1 36 | 20 34 | 8 29 | 20 10 | 19 51 | 20 33 | 10 38 | 6 42 |
| T 4 | 22 10 | 19 1 | 3 35 | 16 11 | 2 33 | 23 49 | 2 13 | 16 49 | 0 24 | 23 11 | 0 8 | 19 3 | 0 7 | 21 42 | 0 6 | 9 35 | 1 36 | 20 34 | 8 30 | 20 12 | 19 51 | 20 34 | 10 38 | 6 41 |
| W 5 | 22 18 | 20 37 | 2 45 | 16 15 | 2 34 | 23 37 | 2 14 | 17 1 | 0 23 | 23 11 | 0 7 | 19 4 | 0 7 | 21 42 | 0 6 | 9 36 | 1 36 | 20 35 | 8 30 | 20 14 | 19 52 | 20 35 | 10 38 | 6 41 |
| T 6 | 22 25 | 21 17 | 1 48 | 16 22 | 2 34 | 23 25 | 2 14 | 17 12 | 0 23 | 23 10 | 0 7 | 19 4 | 0 7 | 21 41 | 0 6 | 9 36 | 1 36 | 20 35 | 8 30 | 20 15 | 19 53 | 20 36 | 10 37 | 6 40 |
| F 7 | 22 32 | 21 1 | 0 46 | 16 33 | 2 32 | 23 13 | 2 14 | 17 24 | 0 22 | 23 10 | 0 7 | 19 5 | 0 7 | 21 41 | 0 6 | 9 37 | 1 36 | 20 35 | 8 31 | 20 15 | 19 53 | 20 37 | 10 37 | 6 40 |
| S 8 | 22 39 | 19 49 | 0n18 | 16 46 | 2 30 | 23 0 | 2 15 | 17 35 | 0 22 | 23 10 | 0 7 | 19 5 | 0 7 | 21 41 | 0 6 | 9 37 | 1 36 | 20 36 | 8 31 | 20 15 | 19 54 | 20 37 | 10 36 | 6 39 |
| S 9 | 22 45 | 17 44 | 1 22 | 17 1 | 2 26 | 22 46 | 2 15 | 17 46 | 0 21 | 23 9 | 0 7 | 19 6 | 0 8 | 21 40 | 0 6 | 9 38 | 1 36 | 20 36 | 8 31 | 20 15 | 19 55 | 20 38 | 10 36 | 6 39 |
| M10 | 22 50 | 14 50 | 2 24 | 17 17 | 2 22 | 22 31 | 2 15 | 17 57 | 0 21 | 23 9 | 0 7 | 19 7 | 0 8 | 21 40 | 0 6 | 9 38 | 1 36 | 20 36 | 8 31 | 20 15 | 19 55 | 20 39 | 10 35 | 6 39 |
| T 11 | 22 56 | 11 13 | 3 20 | 17 36 | 2 17 | 22 16 | 2 15 | 18 8 | 0 20 | 23 8 | 0 7 | 19 8 | 0 8 | 21 40 | 0 6 | 9 39 | 1 36 | 20 37 | 8 32 | 20 14 | 19 56 | 20 40 | 10 35 | 6 38 |
| W12 | 23 0 | 7 2 | 4 8 | 17 55 | 2 12 | 22 0 | 2 15 | 18 18 | 0 19 | 23 8 | 0 7 | 19 8 | 0 8 | 21 39 | 0 6 | 9 39 | 1 36 | 20 37 | 8 32 | 20 14 | 19 57 | 20 41 | 10 34 | 6 38 |
| T 13 | 23 5 | 2 24 | 4 44 | 18 15 | 2 6 | 21 44 | 2 15 | 18 29 | 0 19 | 23 7 | 0 7 | 19 9 | 0 8 | 21 39 | 0 6 | 9 40 | 1 36 | 20 38 | 8 32 | 20 14 | 19 57 | 20 41 | 10 33 | 6 37 |
| F 14 | 23 9 | 2s30 | 5 6 | 18 35 | 1 59 | 21 27 | 2 15 | 18 39 | 0 18 | 23 7 | 0 7 | 19 10 | 0 8 | 21 38 | 0 6 | 9 40 | 1 36 | 20 38 | 8 33 | 20 15 | 19 58 | 20 42 | 10 33 | 6 37 |
| S 15 | 23 12 | 7 27 | 5 11 | 18 56 | 1 53 | 21 10 | 2 14 | 18 50 | 0 18 | 23 6 | 0 6 | 19 11 | 0 8 | 21 38 | 0 6 | 9 41 | 1 36 | 20 39 | 8 33 | 20 16 | 19 59 | 20 43 | 10 32 | 6 37 |
| S 16 | 23 15 | 12 9 | 4 57 | 19 17 | 1 46 | 20 52 | 2 14 | 19 0 | 0 17 | 23 5 | 0 6 | 19 12 | 0 8 | 21 38 | 0 6 | 9 41 | 1 36 | 20 39 | 8 33 | 20 17 | 19 59 | 20 44 | 10 32 | 6 36 |
| M17 | 23 17 | 16 13 | 4 22 | 19 38 | 1 38 | 20 33 | 2 13 | 19 10 | 0 17 | 23 5 | 0 6 | 19 13 | 0 9 | 21 37 | 0 6 | 9 42 | 1 36 | 20 40 | 8 34 | 20 18 | 20 0 | 20 45 | 10 31 | 6 36 |
| T 18 | 23 19 | 19 18 | 3 29 | 19 59 | 1 31 | 20 14 | 2 12 | 19 19 | 0 16 | 23 4 | 0 6 | 19 13 | 0 9 | 21 37 | 0 6 | 9 42 | 1 36 | 20 40 | 8 34 | 20 19 | 20 1 | 20 45 | 10 30 | 6 35 |
| W19 | 23 21 | 21 2 | 2 20 | 20 19 | 1 23 | 19 55 | 2 12 | 19 29 | 0 15 | 23 3 | 0 6 | 19 14 | 0 9 | 21 37 | 0 6 | 9 43 | 1 36 | 20 40 | 8 34 | 20 20 | 20 2 | 20 46 | 10 29 | 6 35 |
| T 20 | 23 22 | 21 13 | 1 1 | 20 39 | 1 16 | 19 34 | 2 11 | 19 39 | 0 15 | 23 3 | 0 6 | 19 15 | 0 9 | 21 36 | 0 6 | 9 43 | 1 37 | 20 41 | 8 34 | 20 20 | 20 2 | 20 47 | 10 29 | 6 35 |
| F 21 | 23 23 | 19 52 | 0s21 | 20 59 | 1 8 | 19 14 | 2 10 | 19 48 | 0 14 | 23 2 | 0 6 | 19 16 | 0 9 | 21 36 | 0 6 | 9 44 | 1 37 | 20 41 | 8 35 | 20 20 | 20 3 | 20 48 | 10 28 | 6 34 |
| S 22 | 23 23 | 17 13 | 1 39 | 21 17 | 1 0 | 18 53 | 2 8 | 19 57 | 0 14 | 23 1 | 0 6 | 19 17 | 0 9 | 21 36 | 0 6 | 9 44 | 1 37 | 20 42 | 8 35 | 20 20 | 20 4 | 20 48 | 10 27 | 6 34 |
| S 23 | 23 22 | 13 35 | 2 49 | 21 36 | 0 53 | 18 31 | 2 7 | 20 6 | 0 13 | 23 1 | 0 6 | 19 18 | 0 9 | 21 35 | 0 6 | 9 44 | 1 37 | 20 42 | 8 35 | 20 20 | 20 4 | 20 49 | 10 26 | 6 34 |
| M24 | 23 22 | 9 20 | 3 48 | 21 53 | 0 45 | 18 9 | 2 6 | 20 15 | 0 13 | 23 0 | 0 6 | 19 19 | 0 9 | 21 35 | 0 6 | 9 45 | 1 37 | 20 43 | 8 35 | 20 19 | 20 5 | 20 50 | 10 26 | 6 33 |
| T 25 | 23 20 | 4 46 | 4 32 | 22 9 | 0 37 | 17 46 | 2 4 | 20 24 | 0 12 | 22 59 | 0 6 | 19 20 | 0 9 | 21 35 | 0 6 | 9 45 | 1 37 | 20 43 | 8 36 | 20 19 | 20 6 | 20 51 | 10 25 | 6 33 |
| W26 | 23 19 | 0 7 | 5 0 | 22 25 | 0 30 | 17 23 | 2 3 | 20 32 | 0 11 | 22 58 | 0 5 | 19 21 | 0 10 | 21 34 | 0 6 | 9 46 | 1 37 | 20 44 | 8 36 | 20 19 | 20 6 | 20 51 | 10 24 | 6 33 |
| T 27 | 23 16 | 4n25 | 5 14 | 22 39 | 0 22 | 17 0 | 2 1 | 20 41 | 0 11 | 22 57 | 0 5 | 19 22 | 0 10 | 21 34 | 0 6 | 9 46 | 1 37 | 20 45 | 8 36 | 20 19 | 20 7 | 20 52 | 10 23 | 6 32 |
| F 28 | 23 14 | 8 40 | 5 12 | 22 53 | 0 15 | 16 36 | 1 59 | 20 49 | 0 10 | 22 56 | 0 5 | 19 23 | 0 10 | 21 34 | 0 6 | 9 46 | 1 37 | 20 45 | 8 37 | 20 20 | 20 8 | 20 53 | 10 22 | 6 32 |
| S 29 | 23 11 | 12 31 | 4 57 | 23 5 | 0 7 | 16 12 | 1 57 | 20 57 | 0 9 | 22 55 | 0 5 | 19 24 | 0 10 | 21 33 | 0 6 | 9 47 | 1 37 | 20 46 | 8 37 | 20 21 | 20 8 | 20 54 | 10 21 | 6 32 |
| S 30 | 23 7 | 15 49 | 4 28 | 23 17 | 0s 0 | 15 47 | 1 55 | 21 5 | 0 9 | 22 54 | 0 5 | 19 25 | 0 10 | 21 33 | 0 6 | 9 47 | 1 37 | 20 46 | 8 37 | 20 21 | 20 9 | 20 54 | 10 20 | 6 31 |
| M31 | 23s 3 | 18n26 | 3s49 | 23s27 | 0s 7 | 15s22 | 1s53 | 21s12 | 0n 8 | 22s53 | 0n 5 | 19n27 | 0n10 | 21n33 | 0s 6 | 9s47 | 1n37 | 20n47 | 8n37 | 20n22 | 20n10 | 20n55 | 10s20 | 6n31 |

Julian Day Number = 2614777.5, Delta T = 11m01s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'20, Lahiri = 30°06'21


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## JANUARY 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 42 50 | 10♑22'29 | 24♊10 | 27♐43 | 24♒49 | 7♐11 | 10♑38 | 3°R37 | 8°R16 | 29♎37 | 26°R23 | 28°R40 | 29♋40 | 1♋22 | 14♒ 6 | T 1 |
| W 2 | 6 46 46 | 11°23'35 | 5♋59 | 29°14 | 25°58 | 7°53 | 10°52 | 3♌33 | 8♊14 | 29°38 | 26♌22 | 28♋37 | 29°37 | 1°29 | 14°11 | W 2 |
| T 3 | 6 50 43 | 12°24'41 | 17°48 | 0♑46 | 27° 7 | 8°34 | 11° 6 | 3°29 | 8°12 | 29°39 | 26°21 | 28°36 | 29°34 | 1°35 | 14°15 | T 3 |
| F 4 | 6 54 39 | 13°25'47 | 29°41 | 2°17 | 28°16 | 9°15 | 11°20 | 3°24 | 8°10 | 29°40 | 26°20 | 28°D36 | 29°30 | 1°42 | 14°19 | F 4 |
| S 5 | 6 58 36 | 14°26'53 | 11♌38 | 3°49 | 29°25 | 9°56 | 11°34 | 3°20 | 8° 8 | 29°40 | 26°19 | 28°36 | 29°27 | 1°49 | 14°24 | S 5 |
| S 6 | 7 2 32 | 15°28'00 | 23°43 | 5°22 | 0♓33 | 10°37 | 11°47 | 3°15 | 8° 6 | 29°41 | 26°18 | 28°37 | 29°24 | 1°55 | 14°29 | S 6 |
| M 7 | 7 6 29 | 16°29'07 | 5♍58 | 6°54 | 1°42 | 11°19 | 12° 1 | 3°11 | 8° 4 | 29°42 | 26°17 | 28°38 | 29°21 | 2° 2 | 14°33 | M 7 |
| T 8 | 7 10 25 | 17°30'14 | 18°25 | 8°27 | 2°50 | 12° 0 | 12°15 | 3° 6 | 8° 3 | 29°43 | 26°16 | 28°39 | 29°18 | 2° 9 | 14°38 | T 8 |
| W 9 | 7 14 22 | 18°31'22 | 1♎10 | 10° 0 | 3°58 | 12°41 | 12°29 | 3° 1 | 8° 1 | 29°44 | 26°15 | 28°40 | 29°14 | 2°15 | 14°42 | W 9 |
| T 10 | 7 18 19 | 19°32'30 | 14°13 | 11°34 | 5° 6 | 13°23 | 12°42 | 2°57 | 7°59 | 29°44 | 26°14 | 28°R41 | 29°11 | 2°22 | 14°47 | T 10 |
| F 11 | 7 22 15 | 20°33'38 | 27°39 | 13° 8 | 6°13 | 14° 4 | 12°56 | 2°52 | 7°57 | 29°45 | 26°13 | 28°41 | 29° 8 | 2°29 | 14°52 | F 11 |
| S 12 | 7 26 12 | 21°34'47 | 11♏29 | 14°42 | 7°21 | 14°46 | 13°10 | 2°47 | 7°56 | 29°46 | 26°12 | 28°40 | 29° 5 | 2°35 | 14°56 | S 12 |
| S 13 | 7 30 8 | 22°35'56 | 25°44 | 16°17 | 8°28 | 15°27 | 13°24 | 2°42 | 7°54 | 29°46 | 26°11 | 28°40 | 29° 2 | 2°42 | 15° 1 | S 13 |
| M14 | 7 34 5 | 23°37'05 | 10♐21 | 17°52 | 9°35 | 16° 9 | 13°37 | 2°37 | 7°53 | 29°47 | 26° 9 | 28°39 | 28°59 | 2°49 | 15° 6 | M14 |
| T 15 | 7 38 1 | 24°38'15 | 25°16 | 19°27 | 10°42 | 16°50 | 13°51 | 2°32 | 7°51 | 29°47 | 26° 8 | 28°39 | 28°55 | 2°55 | 15°10 | T 15 |
| W16 | 7 41 58 | 25°39'24 | 10♑22 | 21° 3 | 11°48 | 17°32 | 14° 5 | 2°28 | 7°50 | 29°48 | 26° 7 | 28°38 | 28°52 | 3° 2 | 15°15 | W16 |
| T 17 | 7 45 55 | 26°40'34 | 25°29 | 22°40 | 12°55 | 18°14 | 14°19 | 2°23 | 7°48 | 29°49 | 26° 6 | 28°D38 | 28°49 | 3° 9 | 15°20 | T 17 |
| F 18 | 7 49 51 | 27°41'43 | 10♒30 | 24°16 | 14° 1 | 18°55 | 14°32 | 2°18 | 7°47 | 29°49 | 26° 5 | 28°38 | 28°46 | 3°15 | 15°25 | F 18 |
| S 19 | 7 53 48 | 28°42'51 | 25°15 | 25°53 | 15° 7 | 19°37 | 14°46 | 2°13 | 7°45 | 29°49 | 26° 3 | 28°R38 | 28°43 | 3°22 | 15°30 | S 19 |
| S 20 | 7 57 44 | 29°44'00 | 9♓38 | 27°31 | 16°12 | 20°19 | 15° 0 | 2° 8 | 7°44 | 29°50 | 26° 2 | 28°38 | 28°40 | 3°29 | 15°34 | S 20 |
| M21 | 8 1 41 | 0♒45'07 | 23°34 | 29° 9 | 17°18 | 21° 0 | 15°13 | 2° 3 | 7°43 | 29°50 | 26° 1 | 28°38 | 28°36 | 3°35 | 15°39 | M21 |
| T 22 | 8 5 37 | 1°46'14 | 7♈ 4 | 0♒48 | 18°23 | 21°42 | 15°27 | 1°58 | 7°42 | 29°50 | 26° 0 | 28°38 | 28°33 | 3°42 | 15°44 | T 22 |
| W23 | 8 9 34 | 2°47'20 | 20° 7 | 2°27 | 19°27 | 22°24 | 15°40 | 1°53 | 7°41 | 29°51 | 25°58 | 28°37 | 28°30 | 3°49 | 15°49 | W23 |
| T 24 | 8 13 30 | 3°48'26 | 2♉47 | 4° 6 | 20°32 | 23° 6 | 15°54 | 1°48 | 7°39 | 29°51 | 25°57 | 28°D37 | 28°27 | 3°55 | 15°54 | T 24 |
| F 25 | 8 17 27 | 4°49'31 | 15° 8 | 5°46 | 21°36 | 23°47 | 16° 7 | 1°43 | 7°38 | 29°51 | 25°56 | 28°37 | 28°24 | 4° 2 | 15°59 | F 25 |
| S 26 | 8 21 24 | 5°50'35 | 27°13 | 7°27 | 22°40 | 24°29 | 16°21 | 1°38 | 7°37 | 29°51 | 25°54 | 28°38 | 28°20 | 4° 9 | 16° 4 | S 26 |
| S 27 | 8 25 20 | 6°51'38 | 9♊ 9 | 9° 8 | 23°43 | 25°11 | 16°34 | 1°33 | 7°36 | 29°52 | 25°53 | 28°39 | 28°17 | 4°15 | 16° 9 | S 27 |
| M28 | 8 29 17 | 7°52'41 | 20°59 | 10°50 | 24°47 | 25°53 | 16°48 | 1°28 | 7°36 | 29°52 | 25°52 | 28°40 | 28°14 | 4°22 | 16°14 | M28 |
| T 29 | 8 33 13 | 8°53'42 | 2♋46 | 12°32 | 25°49 | 26°35 | 17° 1 | 1°23 | 7°35 | 29°52 | 25°50 | 28°41 | 28°11 | 4°29 | 16°19 | T 29 |
| W30 | 8 37 10 | 9°54'43 | 14°36 | 14°15 | 26°52 | 27°17 | 17°14 | 1°18 | 7°34 | 29°52 | 25°49 | 28°42 | 28° 8 | 4°35 | 16°24 | W30 |
| T 31 | 8 41 6 | 10♒55'43 | 26♋29 | 15♒58 | 27♓54 | 27♐59 | 17♑27 | 1♌14 | 7♊33 | 29°R52 | 25♌47 | 28°R42 | 28♋ 5 | 4♋42 | 16♒29 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s59 | 20n16 | 2s59 | 23s36 | 0s14 | 14s57 | 1s51 | 21s20 | 0n 8 | 22s52 | 0n 5 | 19n28 | 0n10 | 21n32 | 0s 6 | 9s47 | 1n37 | 20n47 | 8n38 | 20n23 | 20n10 | 20n56 | 10s19 | 6n31 |
| W 2 | 22 54 | 21 13 | 2 2 | 23 44 | 0 21 | 14 31 | 1 48 | 21 27 | 0 7 | 22 51 | 0 5 | 19 29 | 0 10 | 21 32 | 0 6 | 9 48 | 1 37 | 20 48 | 8 38 | 20 23 | 20 11 | 20 56 | 10 18 | 6 31 |
| T 3 | 22 48 | 21 13 | 0 59 | 23 51 | 0 28 | 14 5 | 1 45 | 21 34 | 0 6 | 22 50 | 0 5 | 19 30 | 0 10 | 21 32 | 0 6 | 9 48 | 1 37 | 20 48 | 8 38 | 20 23 | 20 12 | 20 57 | 10 17 | 6 30 |
| F 4 | 22 42 | 20 16 | 0n 6 | 23 57 | 0 35 | 13 39 | 1 43 | 21 41 | 0 6 | 22 49 | 0 5 | 19 31 | 0 11 | 21 31 | 0 6 | 9 48 | 1 37 | 20 49 | 8 38 | 20 23 | 20 12 | 20 58 | 10 16 | 6 30 |
| S 5 | 22 36 | 18 24 | 1 12 | 24 1 | 0 41 | 13 13 | 1 40 | 21 48 | 0 5 | 22 48 | 0 4 | 19 32 | 0 11 | 21 31 | 0 6 | 9 49 | 1 37 | 20 49 | 8 39 | 20 23 | 20 13 | 20 59 | 10 15 | 6 30 |
| S 6 | 22 29 | 15 42 | 2 15 | 24 4 | 0 48 | 12 46 | 1 37 | 21 55 | 0 4 | 22 47 | 0 4 | 19 33 | 0 11 | 21 31 | 0 5 | 9 49 | 1 37 | 20 50 | 8 39 | 20 23 | 20 14 | 20 59 | 10 14 | 6 30 |
| M 7 | 22 22 | 12 17 | 3 13 | 24 6 | 0 54 | 12 18 | 1 34 | 22 1 | 0 4 | 22 46 | 0 4 | 19 35 | 0 11 | 21 31 | 0 5 | 9 49 | 1 37 | 20 51 | 8 39 | 20 23 | 20 14 | 21 0 | 10 13 | 6 29 |
| T 8 | 22 14 | 8 17 | 4 3 | 24 6 | 1 0 | 11 51 | 1 31 | 22 7 | 0 3 | 22 45 | 0 4 | 19 36 | 0 11 | 21 30 | 0 5 | 9 49 | 1 38 | 20 51 | 8 39 | 20 23 | 20 15 | 21 1 | 10 11 | 6 29 |
| W 9 | 22 6 | 3 51 | 4 42 | 24 6 | 1 6 | 11 23 | 1 27 | 22 13 | 0 2 | 22 44 | 0 4 | 19 37 | 0 11 | 21 30 | 0 5 | 9 50 | 1 38 | 20 52 | 8 40 | 20 23 | 20 16 | 21 1 | 10 10 | 6 29 |
| T 10 | 21 58 | 0s52 | 5 8 | 24 4 | 1 11 | 10 55 | 1 24 | 22 19 | 0 2 | 22 42 | 0 4 | 19 38 | 0 11 | 21 30 | 0 5 | 9 50 | 1 38 | 20 52 | 8 40 | 20 22 | 20 16 | 21 2 | 10 9 | 6 29 |
| F 11 | 21 49 | 5 40 | 5 18 | 24 0 | 1 17 | 10 27 | 1 20 | 22 25 | 0 1 | 22 41 | 0 4 | 19 39 | 0 11 | 21 30 | 0 5 | 9 50 | 1 38 | 20 53 | 8 40 | 20 22 | 20 17 | 21 3 | 10 8 | 6 28 |
| S 12 | 21 39 | 10 19 | 5 10 | 23 56 | 1 22 | 9 59 | 1 17 | 22 30 | 0 1 | 22 40 | 0 4 | 19 41 | 0 12 | 21 29 | 0 5 | 9 50 | 1 38 | 20 54 | 8 40 | 20 23 | 20 17 | 21 3 | 10 7 | 6 28 |
| S 13 | 21 29 | 14 33 | 4 43 | 23 49 | 1 27 | 9 30 | 1 13 | 22 35 | 0s 0 | 22 39 | 0 4 | 19 42 | 0 12 | 21 29 | 0 5 | 9 50 | 1 38 | 20 54 | 8 40 | 20 23 | 20 18 | 21 4 | 10 6 | 6 28 |
| M14 | 21 19 | 18 1 | 3 58 | 23 42 | 1 31 | 9 1 | 1 9 | 22 41 | 0 1 | 22 37 | 0 4 | 19 43 | 0 12 | 21 29 | 0 5 | 9 50 | 1 38 | 20 55 | 8 41 | 20 23 | 20 19 | 21 5 | 10 5 | 6 28 |
| T 15 | 21 9 | 20 23 | 2 55 | 23 33 | 1 36 | 8 32 | 1 5 | 22 45 | 0 2 | 22 36 | 0 4 | 19 44 | 0 12 | 21 29 | 0 5 | 9 51 | 1 38 | 20 55 | 8 41 | 20 23 | 20 19 | 21 5 | 10 4 | 6 28 |
| W16 | 20 58 | 21 19 | 1 40 | 23 23 | 1 40 | 8 3 | 1 1 | 22 50 | 0 2 | 22 35 | 0 3 | 19 45 | 0 12 | 21 28 | 0 5 | 9 51 | 1 38 | 20 56 | 8 41 | 20 23 | 20 20 | 21 6 | 10 2 | 6 27 |
| T 17 | 20 46 | 20 42 | 0 18 | 23 11 | 1 44 | 7 34 | 0 57 | 22 54 | 0 3 | 22 33 | 0 3 | 19 47 | 0 12 | 21 28 | 0 5 | 9 51 | 1 38 | 20 57 | 8 41 | 20 23 | 20 21 | 21 7 | 10 1 | 6 27 |
| F 18 | 20 34 | 18 37 | 1s 6 | 22 58 | 1 48 | 7 5 | 0 52 | 22 59 | 0 4 | 22 32 | 0 3 | 19 48 | 0 12 | 21 28 | 0 5 | 9 51 | 1 38 | 20 57 | 8 41 | 20 23 | 20 21 | 21 7 | 10 0 | 6 27 |
| S 19 | 20 22 | 15 19 | 2 23 | 22 44 | 1 51 | 6 35 | 0 48 | 23 3 | 0 4 | 22 31 | 0 3 | 19 49 | 0 12 | 21 28 | 0 5 | 9 51 | 1 38 | 20 58 | 8 42 | 20 23 | 20 22 | 21 8 | 9 59 | 6 27 |
| S 20 | 20 9 | 11 10 | 3 29 | 22 28 | 1 54 | 6 5 | 0 43 | 23 7 | 0 5 | 22 29 | 0 3 | 19 50 | 0 12 | 21 28 | 0 5 | 9 51 | 1 38 | 20 59 | 8 42 | 20 23 | 20 23 | 21 8 | 9 58 | 6 27 |
| M21 | 19 56 | 6 32 | 4 21 | 22 11 | 1 57 | 5 36 | 0 38 | 23 10 | 0 6 | 22 28 | 0 3 | 19 51 | 0 13 | 21 27 | 0 5 | 9 51 | 1 38 | 20 59 | 8 42 | 20 23 | 20 23 | 21 9 | 9 56 | 6 27 |
| T 22 | 19 43 | 1 44 | 4 56 | 21 52 | 1 59 | 5 6 | 0 33 | 23 14 | 0 6 | 22 26 | 0 3 | 19 53 | 0 13 | 21 27 | 0 5 | 9 51 | 1 38 | 21 0 | 8 42 | 20 23 | 20 24 | 21 10 | 9 55 | 6 26 |
| W23 | 19 29 | 2n59 | 5 14 | 21 32 | 2 1 | 4 36 | 0 28 | 23 17 | 0 7 | 22 25 | 0 3 | 19 54 | 0 13 | 21 27 | 0 5 | 9 51 | 1 38 | 21 0 | 8 42 | 20 23 | 20 25 | 21 10 | 9 54 | 6 26 |
| T 24 | 19 15 | 7 26 | 5 17 | 21 10 | 2 3 | 4 6 | 0 23 | 23 20 | 0 8 | 22 23 | 0 3 | 19 55 | 0 13 | 21 27 | 0 5 | 9 51 | 1 38 | 21 1 | 8 43 | 20 23 | 20 25 | 21 11 | 9 53 | 6 26 |
| F 25 | 19 1 | 11 28 | 5 5 | 20 47 | 2 4 | 3 36 | 0 18 | 23 23 | 0 9 | 22 22 | 0 3 | 19 56 | 0 13 | 21 27 | 0 5 | 9 51 | 1 39 | 21 2 | 8 43 | 20 23 | 20 26 | 21 12 | 9 51 | 6 26 |
| S 26 | 18 46 | 14 57 | 4 39 | 20 23 | 2 5 | 3 6 | 0 13 | 23 25 | 0 9 | 22 20 | 0 3 | 19 58 | 0 13 | 21 26 | 0 5 | 9 51 | 1 39 | 21 2 | 8 43 | 20 23 | 20 27 | 21 12 | 9 50 | 6 26 |
| S 27 | 18 31 | 17 47 | 4 2 | 19 57 | 2 6 | 2 36 | 0 7 | 23 28 | 0 10 | 22 19 | 0 2 | 19 59 | 0 13 | 21 26 | 0 5 | 9 51 | 1 39 | 21 3 | 8 43 | 20 23 | 20 27 | 21 13 | 9 49 | 6 26 |
| M28 | 18 15 | 19 50 | 3 15 | 19 30 | 2 6 | 2 6 | 0 1 | 23 30 | 0 11 | 22 17 | 0 2 | 20 0 | 0 13 | 21 26 | 0 5 | 9 51 | 1 39 | 21 3 | 8 43 | 20 23 | 20 28 | 21 13 | 9 47 | 6 26 |
| T 29 | 17 59 | 21 2 | 2 19 | 19 1 | 2 6 | 1 35 | 0n 4 | 23 32 | 0 11 | 22 16 | 0 2 | 20 1 | 0 13 | 21 26 | 0 5 | 9 51 | 1 39 | 21 4 | 8 43 | 20 22 | 20 28 | 21 14 | 9 46 | 6 26 |
| W30 | 17 43 | 21 18 | 1 18 | 18 31 | 2 5 | 1 5 | 0 10 | 23 33 | 0 12 | 22 14 | 0 2 | 20 2 | 0 13 | 21 26 | 0 5 | 9 51 | 1 39 | 21 5 | 8 44 | 20 22 | 20 29 | 21 15 | 9 45 | 6 26 |
| T 31 | 17s27 | 20n36 | 0s12 | 17s59 | 2s 4 | 0s35 | 0n16 | 23s35 | 0s13 | 22s13 | 0n 2 | 20n 3 | 0n14 | 21n26 | 0s 5 | 9s51 | 1n39 | 21n 5 | 8n44 | 20n22 | 20n30 | 21n15 | 9s43 | 6n26 |

Julian Day Number = 2614808.5, Delta T = 11m01s
Ecliptic obliquity = 23°22'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'24, Lahiri = 30°06'25


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## FEBRUARY 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 8 45 3 | 11♒56'43 | 8♌29 | 17♒42 | 28♓56 | 28♐41 | 17♑41 | 1°R 9 | 7°R32 | 29°R52 | 25°R46 | 28°R42 | 28♋ 1 | 4♋49 | 16♒33 | F 1 |
| S 2 | 8 48 59 | 12°57'41 | 20°38 | 19°26 | 29°57 | 29°23 | 17°54 | 1♌ 4 | 7♊32 | 29♎52 | 25♌45 | 28♋41 | 27°58 | 4°55 | 16°38 | S 2 |
| S 3 | 8 52 56 | 13°58'39 | 2♍58 | 21°10 | 0♈58 | 0♑ 5 | 18° 7 | 0°59 | 7°31 | 29°52 | 25°43 | 28°39 | 27°55 | 5° 2 | 16°43 | S 3 |
| M 4 | 8 56 53 | 14°59'35 | 15°28 | 22°55 | 1°58 | 0°47 | 18°20 | 0°54 | 7°31 | 29°51 | 25°42 | 28°37 | 27°52 | 5° 9 | 16°48 | M 4 |
| T 5 | 9 0 49 | 16° 0'31 | 28°11 | 24°40 | 2°58 | 1°29 | 18°33 | 0°50 | 7°30 | 29°51 | 25°40 | 28°34 | 27°49 | 5°15 | 16°53 | T 5 |
| W 6 | 9 4 46 | 17° 1'27 | 11♎ 8 | 26°25 | 3°58 | 2°12 | 18°46 | 0°45 | 7°30 | 29°51 | 25°39 | 28°31 | 27°45 | 5°22 | 16°58 | W 6 |
| T 7 | 9 8 42 | 18° 2'21 | 24°19 | 28°10 | 4°57 | 2°54 | 18°59 | 0°40 | 7°29 | 29°51 | 25°38 | 28°29 | 27°42 | 5°28 | 17° 3 | T 7 |
| F 8 | 9 12 39 | 19° 3'15 | 7♏47 | 29°55 | 5°55 | 3°36 | 19°12 | 0°36 | 7°29 | 29°51 | 25°36 | 28°28 | 27°39 | 5°35 | 17° 8 | F 8 |
| S 9 | 9 16 35 | 20° 4'08 | 21°30 | 1♓40 | 6°53 | 4°18 | 19°25 | 0°31 | 7°29 | 29°50 | 25°35 | 28°D27 | 27°36 | 5°42 | 17°13 | S 9 |
| S 10 | 9 20 32 | 21° 5'01 | 5♐31 | 3°24 | 7°51 | 5° 1 | 19°38 | 0°27 | 7°28 | 29°50 | 25°33 | 28°28 | 27°33 | 5°48 | 17°18 | S 10 |
| M11 | 9 24 28 | 22° 5'53 | 19°47 | 5° 7 | 8°48 | 5°43 | 19°51 | 0°22 | 7°28 | 29°50 | 25°32 | 28°29 | 27°30 | 5°55 | 17°23 | M11 |
| T 12 | 9 28 25 | 23° 6'44 | 4♑18 | 6°50 | 9°44 | 6°25 | 20° 3 | 0°18 | 7°28 | 29°49 | 25°30 | 28°31 | 27°26 | 6° 2 | 17°28 | T 12 |
| W13 | 9 32 22 | 24° 7'34 | 18°59 | 8°31 | 10°40 | 7° 8 | 20°16 | 0°14 | 7°28 | 29°49 | 25°29 | 28°32 | 27°23 | 6° 8 | 17°33 | W13 |
| T 14 | 9 36 18 | 25° 8'23 | 3♒45 | 10°10 | 11°35 | 7°50 | 20°29 | 0° 9 | 7°D28 | 29°48 | 25°27 | 28°R32 | 27°20 | 6°15 | 17°38 | T 14 |
| F 15 | 9 40 15 | 26° 9'11 | 18°30 | 11°47 | 12°30 | 8°33 | 20°41 | 0° 5 | 7°28 | 29°48 | 25°26 | 28°31 | 27°17 | 6°22 | 17°43 | F 15 |
| S 16 | 9 44 11 | 27° 9'58 | 3♓ 6 | 13°22 | 13°24 | 9°15 | 20°54 | 0° 1 | 7°28 | 29°47 | 25°25 | 28°28 | 27°14 | 6°28 | 17°48 | S 16 |
| S 17 | 9 48 8 | 28°10'44 | 17°26 | 14°53 | 14°17 | 9°58 | 21° 6 | 29♋57 | 7°28 | 29°47 | 25°23 | 28°24 | 27°11 | 6°35 | 17°53 | S 17 |
| M18 | 9 52 4 | 29°11'28 | 1♈25 | 16°21 | 15°10 | 10°40 | 21°19 | 29°53 | 7°28 | 29°46 | 25°22 | 28°19 | 27° 7 | 6°42 | 17°58 | M18 |
| T 19 | 9 56 1 | 0♓12'10 | 14°59 | 17°44 | 16° 2 | 11°23 | 21°31 | 29°49 | 7°28 | 29°46 | 25°20 | 28°14 | 27° 4 | 6°48 | 18° 2 | T 19 |
| W20 | 9 59 57 | 1°12'51 | 28° 9 | 19° 2 | 16°53 | 12° 5 | 21°43 | 29°45 | 7°29 | 29°45 | 25°19 | 28° 9 | 27° 1 | 6°55 | 18° 7 | W20 |
| T 21 | 10 3 54 | 2°13'31 | 10♉55 | 20°15 | 17°43 | 12°48 | 21°55 | 29°41 | 7°29 | 29°44 | 25°17 | 28° 6 | 26°58 | 7° 2 | 18°12 | T 21 |
| F 22 | 10 7 50 | 3°14'09 | 23°19 | 21°21 | 18°33 | 13°31 | 22° 7 | 29°38 | 7°29 | 29°43 | 25°16 | 28° 4 | 26°55 | 7° 8 | 18°17 | F 22 |
| S 23 | 10 11 47 | 4°14'45 | 5♊27 | 22°19 | 19°21 | 14°13 | 22°19 | 29°34 | 7°30 | 29°43 | 25°14 | 28°D 3 | 26°51 | 7°15 | 18°22 | S 23 |
| S 24 | 10 15 44 | 5°15'19 | 17°23 | 23°10 | 20° 9 | 14°56 | 22°31 | 29°31 | 7°30 | 29°42 | 25°13 | 28° 4 | 26°48 | 7°22 | 18°27 | S 24 |
| M25 | 10 19 40 | 6°15'52 | 29°12 | 23°52 | 20°56 | 15°39 | 22°43 | 29°27 | 7°31 | 29°41 | 25°12 | 28° 6 | 26°45 | 7°28 | 18°31 | M25 |
| T 26 | 10 23 37 | 7°16'23 | 11♋ 0 | 24°25 | 21°42 | 16°21 | 22°55 | 29°24 | 7°32 | 29°40 | 25°10 | 28° 7 | 26°42 | 7°35 | 18°36 | T 26 |
| W27 | 10 27 33 | 8°16'52 | 22°50 | 24°49 | 22°27 | 17° 4 | 23° 7 | 29°20 | 7°32 | 29°40 | 25° 9 | 28°R 8 | 26°39 | 7°42 | 18°41 | W27 |
| T 28 | 10 31 30 | 9♓17'20 | 4♌48 | 25♓ 2 | 23♈11 | 17♑47 | 23♑18 | 29♋17 | 7♊33 | 29♎39 | 25♌ 7 | 28♋ 8 | 26♋36 | 7♋48 | 18♒46 | T 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17s10 | 18n58 | 0n54 | 17s26 | 2s 2 | 0s 5 | 0n22 | 23s36 | 0s14 | 22s11 | 0n 2 | 20n 5 | 0n14 | 21n26 | 0s 5 | 9s51 | 1n39 | 21n 6 | 8n44 | 20n22 | 20n30 | 21n16 | 9s42 | 6n25 |
| S 2 | 16 53 | 16 27 | 1 59 | 16 51 | 2 0 | 0n25 | 0 28 | 23 37 | 0 14 | 22 9 | 0 2 | 20 6 | 0 14 | 21 26 | 0 5 | 9 51 | 1 39 | 21 7 | 8 44 | 20 22 | 20 31 | 21 16 | 9 40 | 6 25 |
| S 3 | 16 36 | 13 10 | 2 59 | 16 16 | 1 57 | 0 55 | 0 35 | 23 38 | 0 15 | 22 8 | 0 2 | 20 7 | 0 14 | 21 26 | 0 5 | 9 51 | 1 39 | 21 7 | 8 44 | 20 23 | 20 32 | 21 17 | 9 39 | 6 25 |
| M 4 | 16 18 | 9 16 | 3 51 | 15 39 | 1 54 | 1 24 | 0 41 | 23 39 | 0 16 | 22 6 | 0 2 | 20 8 | 0 14 | 21 25 | 0 5 | 9 51 | 1 39 | 21 8 | 8 44 | 20 23 | 20 32 | 21 17 | 9 38 | 6 25 |
| T 5 | 16 0 | 4 53 | 4 33 | 15 0 | 1 50 | 1 54 | 0 47 | 23 39 | 0 17 | 22 4 | 0 2 | 20 9 | 0 14 | 21 25 | 0 5 | 9 51 | 1 39 | 21 8 | 8 44 | 20 24 | 20 33 | 21 18 | 9 36 | 6 25 |
| W 6 | 15 42 | 0 14 | 5 1 | 14 20 | 1 46 | 2 24 | 0 54 | 23 39 | 0 17 | 22 3 | 0 2 | 20 10 | 0 14 | 21 25 | 0 5 | 9 51 | 1 39 | 21 9 | 8 44 | 20 24 | 20 34 | 21 19 | 9 35 | 6 25 |
| T 7 | 15 23 | 4s31 | 5 15 | 13 39 | 1 41 | 2 53 | 1 1 | 23 39 | 0 18 | 22 1 | 0 1 | 20 11 | 0 14 | 21 25 | 0 5 | 9 50 | 1 39 | 21 10 | 8 45 | 20 25 | 20 34 | 21 19 | 9 33 | 6 25 |
| F 8 | 15 4 | 9 9 | 5 12 | 12 57 | 1 35 | 3 23 | 1 8 | 23 39 | 0 19 | 21 59 | 0 1 | 20 12 | 0 14 | 21 25 | 0 5 | 9 50 | 1 39 | 21 10 | 8 45 | 20 25 | 20 35 | 21 20 | 9 32 | 6 25 |
| S 9 | 14 45 | 13 25 | 4 51 | 12 14 | 1 29 | 3 52 | 1 15 | 23 38 | 0 20 | 21 57 | 0 1 | 20 13 | 0 14 | 21 25 | 0 5 | 9 50 | 1 39 | 21 11 | 8 45 | 20 25 | 20 35 | 21 20 | 9 31 | 6 25 |
| S 10 | 14 26 | 17 2 | 4 12 | 11 30 | 1 22 | 4 21 | 1 22 | 23 38 | 0 21 | 21 56 | 0 1 | 20 15 | 0 15 | 21 25 | 0 5 | 9 50 | 1 39 | 21 11 | 8 45 | 20 25 | 20 36 | 21 21 | 9 29 | 6 25 |
| M11 | 14 7 | 19 42 | 3 18 | 10 45 | 1 14 | 4 50 | 1 29 | 23 37 | 0 21 | 21 54 | 0 1 | 20 16 | 0 15 | 21 25 | 0 5 | 9 50 | 1 40 | 21 12 | 8 45 | 20 25 | 20 37 | 21 21 | 9 28 | 6 25 |
| T 12 | 13 47 | 21 9 | 2 10 | 10 0 | 1 5 | 5 19 | 1 36 | 23 36 | 0 22 | 21 52 | 0 1 | 20 17 | 0 15 | 21 25 | 0 5 | 9 50 | 1 40 | 21 13 | 8 45 | 20 24 | 20 37 | 21 22 | 9 26 | 6 25 |
| W13 | 13 27 | 21 10 | 0 52 | 9 14 | 0 56 | 5 48 | 1 43 | 23 34 | 0 23 | 21 50 | 0 1 | 20 18 | 0 15 | 21 25 | 0 5 | 9 49 | 1 40 | 21 13 | 8 45 | 20 24 | 20 38 | 21 22 | 9 25 | 6 25 |
| T 14 | 13 7 | 19 44 | 0s29 | 8 27 | 0 46 | 6 16 | 1 51 | 23 33 | 0 24 | 21 49 | 0 1 | 20 19 | 0 15 | 21 25 | 0 5 | 9 49 | 1 40 | 21 14 | 8 45 | 20 24 | 20 38 | 21 23 | 9 23 | 6 25 |
| F 15 | 12 46 | 16 57 | 1 48 | 7 40 | 0 36 | 6 44 | 1 58 | 23 31 | 0 25 | 21 47 | 0 1 | 20 20 | 0 15 | 21 25 | 0 5 | 9 49 | 1 40 | 21 14 | 8 45 | 20 24 | 20 39 | 21 23 | 9 22 | 6 25 |
| S 16 | 12 26 | 13 7 | 2 59 | 6 54 | 0 24 | 7 13 | 2 6 | 23 29 | 0 25 | 21 45 | 0 1 | 20 21 | 0 15 | 21 25 | 0 5 | 9 49 | 1 40 | 21 15 | 8 45 | 20 25 | 20 40 | 21 24 | 9 20 | 6 25 |
| S 17 | 12 5 | 8 35 | 3 57 | 6 7 | 0 12 | 7 40 | 2 14 | 23 27 | 0 26 | 21 43 | 0 1 | 20 22 | 0 15 | 21 25 | 0 5 | 9 48 | 1 40 | 21 15 | 8 45 | 20 26 | 20 40 | 21 24 | 9 19 | 6 25 |
| M18 | 11 44 | 3 43 | 4 39 | 5 22 | 0n 1 | 8 8 | 2 21 | 23 24 | 0 27 | 21 41 | 0 0 | 20 22 | 0 15 | 21 25 | 0 5 | 9 48 | 1 40 | 21 16 | 8 46 | 20 27 | 20 41 | 21 25 | 9 17 | 6 25 |
| T 19 | 11 22 | 1n12 | 5 4 | 4 37 | 0 14 | 8 35 | 2 29 | 23 21 | 0 28 | 21 40 | 0 0 | 20 23 | 0 15 | 21 25 | 0 5 | 9 48 | 1 40 | 21 17 | 8 46 | 20 28 | 20 42 | 21 25 | 9 16 | 6 25 |
| W20 | 11 1 | 5 55 | 5 13 | 3 54 | 0 28 | 9 2 | 2 37 | 23 18 | 0 29 | 21 38 | 0 0 | 20 24 | 0 15 | 21 25 | 0 5 | 9 48 | 1 40 | 21 17 | 8 46 | 20 29 | 20 42 | 21 26 | 9 14 | 6 25 |
| T 21 | 10 39 | 10 14 | 5 5 | 3 12 | 0 43 | 9 29 | 2 45 | 23 15 | 0 29 | 21 36 | 0 0 | 20 25 | 0 16 | 21 25 | 0 5 | 9 47 | 1 40 | 21 18 | 8 46 | 20 29 | 20 43 | 21 26 | 9 13 | 6 25 |
| F 22 | 10 18 | 13 59 | 4 43 | 2 32 | 0 58 | 9 55 | 2 53 | 23 12 | 0 30 | 21 34 | 0 0 | 20 26 | 0 16 | 21 26 | 0 5 | 9 47 | 1 40 | 21 18 | 8 46 | 20 30 | 20 43 | 21 27 | 9 11 | 6 26 |
| S 23 | 9 56 | 17 5 | 4 9 | 1 55 | 1 13 | 10 21 | 3 2 | 23 8 | 0 31 | 21 32 | 0s 0 | 20 27 | 0 16 | 21 26 | 0 5 | 9 47 | 1 40 | 21 19 | 8 46 | 20 30 | 20 44 | 21 27 | 9 10 | 6 26 |
| S 24 | 9 34 | 19 24 | 3 24 | 1 21 | 1 29 | 10 47 | 3 10 | 23 5 | 0 32 | 21 30 | 0 0 | 20 28 | 0 16 | 21 26 | 0 5 | 9 46 | 1 40 | 21 19 | 8 46 | 20 30 | 20 45 | 21 28 | 9 8 | 6 26 |
| M25 | 9 11 | 20 51 | 2 31 | 0 50 | 1 44 | 11 13 | 3 18 | 23 0 | 0 33 | 21 29 | 0 0 | 20 28 | 0 16 | 21 26 | 0 5 | 9 46 | 1 40 | 21 20 | 8 46 | 20 30 | 20 45 | 21 28 | 9 7 | 6 26 |
| T 26 | 8 49 | 21 24 | 1 32 | 0 23 | 2 0 | 11 38 | 3 27 | 22 56 | 0 34 | 21 27 | 0 0 | 20 29 | 0 16 | 21 26 | 0 5 | 9 46 | 1 40 | 21 20 | 8 46 | 20 29 | 20 46 | 21 29 | 9 5 | 6 26 |
| W27 | 8 27 | 20 59 | 0 29 | 0n 0 | 2 15 | 12 2 | 3 35 | 22 52 | 0 34 | 21 25 | 0 0 | 20 30 | 0 16 | 21 26 | 0 5 | 9 45 | 1 40 | 21 21 | 8 46 | 20 29 | 20 46 | 21 29 | 9 4 | 6 26 |
| T 28 | 8s 4 | 19n36 | 0n36 | 0n19 | 2n29 | 12n27 | 3n44 | 22s47 | 0s35 | 21s23 | 0s 1 | 20n31 | 0n16 | 21n26 | 0s 5 | 9s45 | 1n40 | 21n21 | 8n46 | 20n29 | 20n47 | 21n30 | 9s 2 | 6n26 |

Julian Day Number = 2614839.5, Delta T = 11m01s
Ecliptic obliquity = 23°22'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'29, Lahiri = 30°06'29


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## MARCH 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 10 35 26 | 10♓17'46 | 16♌57 | 25°R 6 | 23♈53 | 18♑30 | 23♑30 | 29°R14 | 7♊34 | 29°R38 | 25°R 6 | 28°R 6 | 26♋32 | 7♋55 | 18♒50 | F 1 |
| S 2 | 10 39 23 | 11°18'10 | 29°19 | 24♓59 | 24°35 | 19°13 | 23°41 | 29♋11 | 7°35 | 29♎37 | 25♌ 5 | 28♋ 3 | 26°29 | 8° 2 | 18°55 | S 2 |
| S 3 | 10 43 19 | 12°18'32 | 11♍55 | 24°42 | 25°16 | 19°55 | 23°53 | 29° 8 | 7°35 | 29°36 | 25° 3 | 27°57 | 26°26 | 8° 8 | 19° 0 | S 3 |
| M 4 | 10 47 16 | 13°18'52 | 24°46 | 24°16 | 25°55 | 20°38 | 24° 4 | 29° 5 | 7°36 | 29°35 | 25° 2 | 27°49 | 26°23 | 8°15 | 19° 4 | M 4 |
| T 5 | 10 51 13 | 14°19'11 | 7♎52 | 23°42 | 26°33 | 21°21 | 24°15 | 29° 3 | 7°37 | 29°34 | 25° 1 | 27°41 | 26°20 | 8°21 | 19° 9 | T 5 |
| W 6 | 10 55 9 | 15°19'29 | 21°11 | 22°59 | 27°10 | 22° 4 | 24°26 | 29° 0 | 7°38 | 29°33 | 24°59 | 27°32 | 26°17 | 8°28 | 19°14 | W 6 |
| T 7 | 10 59 6 | 16°19'45 | 4♏42 | 22°10 | 27°45 | 22°47 | 24°37 | 28°57 | 7°39 | 29°32 | 24°58 | 27°25 | 26°13 | 8°35 | 19°18 | T 7 |
| F 8 | 11 3 2 | 17°19'59 | 18°23 | 21°15 | 28°19 | 23°30 | 24°48 | 28°55 | 7°40 | 29°31 | 24°56 | 27°19 | 26°10 | 8°41 | 19°23 | F 8 |
| S 9 | 11 6 59 | 18°20'12 | 2♐14 | 20°16 | 28°51 | 24°13 | 24°59 | 28°52 | 7°42 | 29°29 | 24°55 | 27°16 | 26° 7 | 8°48 | 19°27 | S 9 |
| S 10 | 11 10 55 | 19°20'24 | 16°12 | 19°14 | 29°22 | 24°56 | 25°10 | 28°50 | 7°43 | 29°28 | 24°54 | 27°D15 | 26° 4 | 8°55 | 19°32 | S 10 |
| M11 | 11 14 52 | 20°20'34 | 0♑18 | 18°12 | 29°52 | 25°39 | 25°21 | 28°48 | 7°44 | 29°27 | 24°53 | 27°15 | 26° 1 | 9° 1 | 19°36 | M11 |
| T 12 | 11 18 48 | 21°20'43 | 14°29 | 17°10 | 0♉20 | 26°22 | 25°31 | 28°46 | 7°45 | 29°26 | 24°51 | 27°16 | 25°57 | 9° 8 | 19°40 | T 12 |
| W13 | 11 22 45 | 22°20'50 | 28°46 | 16° 9 | 0°46 | 27° 5 | 25°42 | 28°44 | 7°47 | 29°25 | 24°50 | 27°R16 | 25°54 | 9°15 | 19°45 | W13 |
| T 14 | 11 26 42 | 23°20'56 | 13♒ 5 | 15°12 | 1°10 | 27°49 | 25°52 | 28°42 | 7°48 | 29°23 | 24°49 | 27°15 | 25°51 | 9°21 | 19°49 | T 14 |
| F 15 | 11 30 38 | 24°21'00 | 27°23 | 14°19 | 1°33 | 28°32 | 26° 2 | 28°40 | 7°50 | 29°22 | 24°48 | 27°12 | 25°48 | 9°28 | 19°53 | F 15 |
| S 16 | 11 34 35 | 25°21'02 | 11♓35 | 13°31 | 1°54 | 29°15 | 26°13 | 28°39 | 7°51 | 29°21 | 24°46 | 27° 6 | 25°45 | 9°35 | 19°58 | S 16 |
| S 17 | 11 38 31 | 26°21'02 | 25°37 | 12°48 | 2°13 | 29°58 | 26°23 | 28°37 | 7°53 | 29°20 | 24°45 | 26°57 | 25°42 | 9°41 | 20° 2 | S 17 |
| M18 | 11 42 28 | 27°21'01 | 9♈23 | 12°11 | 2°29 | 0♒41 | 26°33 | 28°36 | 7°54 | 29°18 | 24°44 | 26°47 | 25°38 | 9°48 | 20° 6 | M18 |
| T 19 | 11 46 24 | 28°20'57 | 22°51 | 11°41 | 2°44 | 1°25 | 26°42 | 28°35 | 7°56 | 29°17 | 24°43 | 26°36 | 25°35 | 9°55 | 20°10 | T 19 |
| W20 | 11 50 21 | 29°20'52 | 5♉58 | 11°18 | 2°57 | 2° 8 | 26°52 | 28°33 | 7°58 | 29°16 | 24°42 | 26°26 | 25°32 | 10° 1 | 20°14 | W20 |
| T 21 | 11 54 17 | 0♈20'44 | 18°43 | 11° 1 | 3° 7 | 2°51 | 27° 2 | 28°32 | 7°59 | 29°14 | 24°40 | 26°17 | 25°29 | 10° 8 | 20°19 | T 21 |
| F 22 | 11 58 14 | 1°20'34 | 1♊ 9 | 10°50 | 3°16 | 3°34 | 27°11 | 28°31 | 8° 1 | 29°13 | 24°39 | 26°10 | 25°26 | 10°15 | 20°23 | F 22 |
| S 23 | 12 2 11 | 2°20'23 | 13°18 | 10°D46 | 3°22 | 4°18 | 27°21 | 28°30 | 8° 3 | 29°11 | 24°38 | 26° 6 | 25°22 | 10°21 | 20°27 | S 23 |
| S 24 | 12 6 7 | 3°20'09 | 25°15 | 10°47 | 3°25 | 5° 1 | 27°30 | 28°30 | 8° 5 | 29°10 | 24°37 | 26° 4 | 25°19 | 10°28 | 20°31 | S 24 |
| M25 | 12 10 4 | 4°19'52 | 7♋ 5 | 10°55 | 3°R26 | 5°44 | 27°39 | 28°29 | 8° 7 | 29° 9 | 24°36 | 26°D 4 | 25°16 | 10°34 | 20°34 | M25 |
| T 26 | 12 14 0 | 5°19'34 | 18°53 | 11° 8 | 3°25 | 6°28 | 27°48 | 28°28 | 8° 9 | 29° 7 | 24°35 | 26° 4 | 25°13 | 10°41 | 20°38 | T 26 |
| W27 | 12 17 57 | 6°19'13 | 0♌45 | 11°27 | 3°21 | 7°11 | 27°57 | 28°28 | 8°11 | 29° 6 | 24°34 | 26°R 5 | 25°10 | 10°48 | 20°42 | W27 |
| T 28 | 12 21 53 | 7°18'50 | 12°46 | 11°51 | 3°15 | 7°55 | 28° 6 | 28°28 | 8°13 | 29° 4 | 24°33 | 26° 3 | 25° 7 | 10°54 | 20°46 | T 28 |
| F 29 | 12 25 50 | 8°18'25 | 25° 0 | 12°19 | 3° 6 | 8°38 | 28°14 | 28°28 | 8°15 | 29° 3 | 24°32 | 26° 0 | 25° 3 | 11° 1 | 20°50 | F 29 |
| S 30 | 12 29 46 | 9°17'58 | 7♍31 | 12°52 | 2°55 | 9°21 | 28°23 | 28°D27 | 8°17 | 29° 1 | 24°31 | 25°54 | 25° 0 | 11° 8 | 20°53 | S 30 |
| S 31 | 12 33 43 | 10♈17'28 | 20♍22 | 13♓29 | 2♉41 | 10♒ 5 | 28♑31 | 28♋27 | 8♊19 | 29♎ 0 | 24♌30 | 25♋45 | 24♋57 | 11♋14 | 20♒57 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 7s41 | 17n19 | 1n40 | 0n33 | 2n43 | 12n51 | 3n52 | 22s42 | 0s36 | 21s21 | 0s 1 | 20n32 | 0n16 | 21n26 | 0s 5 | 9s45 | 1n40 | 21n22 | 8n46 | 20n29 | 20n48 | 21n30 | 9s 1 | 6n26 |
| S 2 | 7 19 | 14 12 | 2 41 | 0 42 | 2 56 | 13 14 | 4 1 | 22 37 | 0 37 | 21 19 | 0 1 | 20 32 | 0 16 | 21 26 | 0 5 | 9 44 | 1 41 | 21 22 | 8 46 | 20 30 | 20 48 | 21 30 | 8 59 | 6 26 |
| S 3 | 6 56 | 10 23 | 3 35 | 0 46 | 3 7 | 13 37 | 4 9 | 22 32 | 0 38 | 21 17 | 0 1 | 20 33 | 0 16 | 21 27 | 0 5 | 9 44 | 1 41 | 21 23 | 8 46 | 20 31 | 20 49 | 21 31 | 8 58 | 6 27 |
| M 4 | 6 33 | 6 2 | 4 18 | 0 45 | 3 18 | 14 0 | 4 18 | 22 26 | 0 39 | 21 16 | 0 1 | 20 34 | 0 17 | 21 27 | 0 5 | 9 44 | 1 41 | 21 23 | 8 46 | 20 33 | 20 49 | 21 31 | 8 56 | 6 27 |
| T 5 | 6 9 | 1 20 | 4 50 | 0 40 | 3 26 | 14 22 | 4 27 | 22 21 | 0 40 | 21 14 | 0 1 | 20 34 | 0 17 | 21 27 | 0 5 | 9 43 | 1 41 | 21 24 | 8 46 | 20 34 | 20 50 | 21 32 | 8 55 | 6 27 |
| W 6 | 5 46 | 3s31 | 5 6 | 0 29 | 3 33 | 14 43 | 4 36 | 22 15 | 0 41 | 21 12 | 0 1 | 20 35 | 0 17 | 21 27 | 0 5 | 9 43 | 1 41 | 21 24 | 8 46 | 20 36 | 20 51 | 21 32 | 8 53 | 6 27 |
| T 7 | 5 23 | 8 16 | 5 5 | 0 14 | 3 37 | 15 4 | 4 44 | 22 8 | 0 41 | 21 10 | 0 1 | 20 35 | 0 17 | 21 27 | 0 5 | 9 42 | 1 41 | 21 25 | 8 46 | 20 38 | 20 51 | 21 33 | 8 51 | 6 27 |
| F 8 | 5 0 | 12 39 | 4 47 | 0s 5 | 3 40 | 15 25 | 4 53 | 22 2 | 0 42 | 21 8 | 0 1 | 20 36 | 0 17 | 21 28 | 0 5 | 9 42 | 1 41 | 21 25 | 8 46 | 20 39 | 20 52 | 21 33 | 8 50 | 6 27 |
| S 9 | 4 36 | 16 26 | 4 13 | 0 28 | 3 40 | 15 44 | 5 2 | 21 56 | 0 43 | 21 6 | 0 1 | 20 37 | 0 17 | 21 28 | 0 5 | 9 41 | 1 41 | 21 25 | 8 46 | 20 39 | 20 52 | 21 33 | 8 48 | 6 27 |
| S 10 | 4 13 | 19 19 | 3 23 | 0 54 | 3 38 | 16 4 | 5 11 | 21 49 | 0 44 | 21 4 | 0 2 | 20 37 | 0 17 | 21 28 | 0 5 | 9 41 | 1 41 | 21 26 | 8 46 | 20 40 | 20 53 | 21 34 | 8 47 | 6 28 |
| M11 | 3 49 | 21 3 | 2 20 | 1 22 | 3 35 | 16 22 | 5 19 | 21 42 | 0 45 | 21 3 | 0 2 | 20 38 | 0 17 | 21 28 | 0 5 | 9 41 | 1 41 | 21 26 | 8 46 | 20 39 | 20 54 | 21 34 | 8 45 | 6 28 |
| T 12 | 3 25 | 21 28 | 1 8 | 1 51 | 3 29 | 16 40 | 5 28 | 21 35 | 0 46 | 21 1 | 0 2 | 20 38 | 0 17 | 21 28 | 0 5 | 9 40 | 1 41 | 21 27 | 8 46 | 20 39 | 20 54 | 21 35 | 8 44 | 6 28 |
| W13 | 3 2 | 20 29 | 0s 8 | 2 22 | 3 21 | 16 58 | 5 37 | 21 27 | 0 47 | 20 59 | 0 2 | 20 39 | 0 17 | 21 29 | 0 5 | 9 40 | 1 41 | 21 27 | 8 46 | 20 39 | 20 55 | 21 35 | 8 42 | 6 28 |
| T 14 | 2 38 | 18 11 | 1 24 | 2 52 | 3 11 | 17 15 | 5 45 | 21 20 | 0 48 | 20 57 | 0 2 | 20 39 | 0 17 | 21 29 | 0 5 | 9 39 | 1 41 | 21 27 | 8 46 | 20 39 | 20 55 | 21 35 | 8 41 | 6 28 |
| F 15 | 2 14 | 14 46 | 2 34 | 3 23 | 3 0 | 17 30 | 5 54 | 21 12 | 0 49 | 20 55 | 0 2 | 20 40 | 0 17 | 21 29 | 0 5 | 9 39 | 1 41 | 21 28 | 8 46 | 20 40 | 20 56 | 21 36 | 8 39 | 6 29 |
| S 16 | 1 51 | 10 30 | 3 34 | 3 52 | 2 48 | 17 46 | 6 2 | 21 4 | 0 49 | 20 54 | 0 2 | 20 40 | 0 17 | 21 29 | 0 5 | 9 38 | 1 41 | 21 28 | 8 46 | 20 41 | 20 57 | 21 36 | 8 38 | 6 29 |
| S 17 | 1 27 | 5 43 | 4 20 | 4 21 | 2 35 | 18 0 | 6 10 | 20 56 | 0 50 | 20 52 | 0 2 | 20 40 | 0 18 | 21 30 | 0 5 | 9 38 | 1 41 | 21 29 | 8 46 | 20 43 | 20 57 | 21 37 | 8 36 | 6 29 |
| M18 | 1 3 | 0 44 | 4 50 | 4 47 | 2 22 | 18 14 | 6 19 | 20 47 | 0 51 | 20 50 | 0 2 | 20 41 | 0 18 | 21 30 | 0 5 | 9 37 | 1 41 | 21 29 | 8 45 | 20 45 | 20 58 | 21 37 | 8 35 | 6 29 |
| T 19 | 0 39 | 4n10 | 5 3 | 5 12 | 2 7 | 18 26 | 6 27 | 20 39 | 0 52 | 20 48 | 0 3 | 20 41 | 0 18 | 21 30 | 0 5 | 9 37 | 1 41 | 21 29 | 8 45 | 20 47 | 20 58 | 21 37 | 8 33 | 6 30 |
| W20 | 0 16 | 8 45 | 5 0 | 5 34 | 1 53 | 18 38 | 6 34 | 20 30 | 0 53 | 20 46 | 0 3 | 20 41 | 0 18 | 21 30 | 0 5 | 9 36 | 1 41 | 21 30 | 8 45 | 20 49 | 20 59 | 21 38 | 8 32 | 6 30 |
| T 21 | 0n 8 | 12 50 | 4 41 | 5 54 | 1 38 | 18 49 | 6 42 | 20 21 | 0 54 | 20 45 | 0 3 | 20 42 | 0 18 | 21 31 | 0 5 | 9 36 | 1 41 | 21 30 | 8 45 | 20 51 | 20 59 | 21 38 | 8 30 | 6 30 |
| F 22 | 0 32 | 16 16 | 4 10 | 6 12 | 1 23 | 18 59 | 6 50 | 20 12 | 0 55 | 20 43 | 0 3 | 20 42 | 0 18 | 21 31 | 0 4 | 9 35 | 1 41 | 21 30 | 8 45 | 20 52 | 21 0 | 21 38 | 8 29 | 6 30 |
| S 23 | 0 56 | 18 54 | 3 27 | 6 27 | 1 8 | 19 7 | 6 57 | 20 2 | 0 56 | 20 41 | 0 3 | 20 42 | 0 18 | 21 31 | 0 4 | 9 35 | 1 41 | 21 31 | 8 45 | 20 53 | 21 1 | 21 39 | 8 27 | 6 31 |
| S 24 | 1 19 | 20 41 | 2 37 | 6 40 | 0 54 | 19 15 | 7 4 | 19 53 | 0 57 | 20 40 | 0 3 | 20 42 | 0 18 | 21 32 | 0 4 | 9 34 | 1 41 | 21 31 | 8 45 | 20 53 | 21 1 | 21 39 | 8 26 | 6 31 |
| M25 | 1 43 | 21 32 | 1 40 | 6 50 | 0 40 | 19 22 | 7 10 | 19 43 | 0 58 | 20 38 | 0 3 | 20 43 | 0 18 | 21 32 | 0 4 | 9 34 | 1 41 | 21 31 | 8 45 | 20 53 | 21 2 | 21 39 | 8 24 | 6 31 |
| T 26 | 2 7 | 21 25 | 0 38 | 6 58 | 0 26 | 19 27 | 7 16 | 19 33 | 0 59 | 20 36 | 0 3 | 20 43 | 0 18 | 21 32 | 0 4 | 9 33 | 1 41 | 21 31 | 8 45 | 20 53 | 21 2 | 21 40 | 8 23 | 6 31 |
| W27 | 2 30 | 20 21 | 0n25 | 7 4 | 0 12 | 19 31 | 7 22 | 19 23 | 1 0 | 20 35 | 0 3 | 20 43 | 0 18 | 21 33 | 0 4 | 9 33 | 1 42 | 21 32 | 8 45 | 20 53 | 21 3 | 21 40 | 8 21 | 6 32 |
| T 28 | 2 54 | 18 20 | 1 28 | 7 7 | 0s 1 | 19 34 | 7 28 | 19 13 | 1 1 | 20 33 | 0 4 | 20 43 | 0 18 | 21 33 | 0 4 | 9 32 | 1 42 | 21 32 | 8 45 | 20 53 | 21 4 | 21 40 | 8 20 | 6 32 |
| F 29 | 3 17 | 15 28 | 2 27 | 7 8 | 0 13 | 19 36 | 7 33 | 19 3 | 1 1 | 20 31 | 0 4 | 20 43 | 0 18 | 21 33 | 0 4 | 9 31 | 1 42 | 21 32 | 8 45 | 20 54 | 21 4 | 21 41 | 8 19 | 6 32 |
| S 30 | 3 41 | 11 50 | 3 21 | 7 6 | 0 25 | 19 36 | 7 37 | 18 52 | 1 2 | 20 30 | 0 4 | 20 43 | 0 18 | 21 34 | 0 4 | 9 31 | 1 42 | 21 32 | 8 44 | 20 55 | 21 5 | 21 41 | 8 17 | 6 32 |
| S 31 | 4n 4 | 7n35 | 4n 6 | 7s 3 | 0s37 | 19n35 | 7n41 | 18s42 | 1s 3 | 20s28 | 0s 4 | 20n43 | 0n18 | 21n34 | 0s 4 | 9s30 | 1n42 | 21n33 | 8n44 | 20n57 | 21n 5 | 21n41 | 8s16 | 6n33 |

Julian Day Number = 2614867.5, Delta T = 11m02s
Ecliptic obliquity = 23°22'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'33, Lahiri = 30°06'33


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## APRIL 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 12 37 39 | 11♈16'56 | 3♎32 | 14♓10 | 2°R25 | 10♒48 | 28♑40 | 28♋28 | 8♊22 | 28°R58 | 24°R29 | 25°R34 | 24♋54 | 11♋21 | 21♒ 1 | M 1 |
| T 2 | 12 41 36 | 12°16'22 | 17° 1 | 14°54 | 2♉ 7 | 11°32 | 28°48 | 28°28 | 8°24 | 28♎56 | 24♌28 | 25♋22 | 24°51 | 11°28 | 21° 4 | T 2 |
| W 3 | 12 45 33 | 13°15'47 | 0♏46 | 15°43 | 1°46 | 12°15 | 28°56 | 28°28 | 8°26 | 28°55 | 24°27 | 25°10 | 24°48 | 11°34 | 21° 8 | W 3 |
| T 4 | 12 49 29 | 14°15'09 | 14°44 | 16°34 | 1°22 | 12°59 | 29° 4 | 28°29 | 8°28 | 28°53 | 24°27 | 24°59 | 24°44 | 11°41 | 21°11 | T 4 |
| F 5 | 12 53 26 | 15°14'29 | 28°49 | 17°29 | 0°57 | 13°42 | 29°11 | 28°29 | 8°31 | 28°52 | 24°26 | 24°50 | 24°41 | 11°48 | 21°15 | F 5 |
| S 6 | 12 57 22 | 16°13'48 | 12♐59 | 18°26 | 0°29 | 14°26 | 29°19 | 28°30 | 8°33 | 28°50 | 24°25 | 24°44 | 24°38 | 11°54 | 21°18 | S 6 |
| S 7 | 13 1 19 | 17°13'05 | 27° 9 | 19°27 | 0° 0 | 15°10 | 29°26 | 28°31 | 8°36 | 28°49 | 24°24 | 24°41 | 24°35 | 12° 1 | 21°21 | S 7 |
| M 8 | 13 5 15 | 18°12'21 | 11♑17 | 20°30 | 29♈29 | 15°53 | 29°34 | 28°32 | 8°38 | 28°47 | 24°23 | 24°40 | 24°32 | 12° 8 | 21°25 | M 8 |
| T 9 | 13 9 12 | 19°11'34 | 25°23 | 21°35 | 28°56 | 16°37 | 29°41 | 28°33 | 8°41 | 28°45 | 24°23 | 24°40 | 24°28 | 12°14 | 21°28 | T 9 |
| W10 | 13 13 8 | 20°10'46 | 9♒25 | 22°43 | 28°22 | 17°20 | 29°48 | 28°34 | 8°43 | 28°44 | 24°22 | 24°39 | 24°25 | 12°21 | 21°31 | W10 |
| T 11 | 13 17 5 | 21° 9'56 | 23°23 | 23°53 | 27°47 | 18° 4 | 29°55 | 28°35 | 8°46 | 28°42 | 24°21 | 24°37 | 24°22 | 12°27 | 21°34 | T 11 |
| F 12 | 13 21 2 | 22° 9'05 | 7♓16 | 25° 6 | 27°11 | 18°48 | 0♒ 1 | 28°36 | 8°48 | 28°41 | 24°21 | 24°33 | 24°19 | 12°34 | 21°37 | F 12 |
| S 13 | 13 24 58 | 23° 8'11 | 21° 1 | 26°20 | 26°34 | 19°31 | 0° 8 | 28°38 | 8°51 | 28°39 | 24°20 | 24°25 | 24°16 | 12°41 | 21°40 | S 13 |
| S 14 | 13 28 55 | 24° 7'16 | 4♈38 | 27°37 | 25°56 | 20°15 | 0°14 | 28°39 | 8°54 | 28°37 | 24°19 | 24°15 | 24°13 | 12°47 | 21°43 | S 14 |
| M15 | 13 32 51 | 25° 6'18 | 18° 2 | 28°56 | 25°18 | 20°59 | 0°21 | 28°41 | 8°56 | 28°36 | 24°19 | 24° 2 | 24° 9 | 12°54 | 21°46 | M15 |
| T 16 | 13 36 48 | 26° 5'19 | 1♉12 | 0♈16 | 24°41 | 21°42 | 0°27 | 28°43 | 8°59 | 28°34 | 24°18 | 23°49 | 24° 6 | 13° 1 | 21°49 | T 16 |
| W17 | 13 40 44 | 27° 4'18 | 14° 6 | 1°38 | 24° 3 | 22°26 | 0°33 | 28°45 | 9° 2 | 28°32 | 24°18 | 23°36 | 24° 3 | 13° 7 | 21°51 | W17 |
| T 18 | 13 44 41 | 28° 3'14 | 26°43 | 3° 3 | 23°26 | 23°10 | 0°39 | 28°47 | 9° 5 | 28°31 | 24°17 | 23°25 | 24° 0 | 13°14 | 21°54 | T 18 |
| F 19 | 13 48 37 | 29° 2'09 | 9♊ 3 | 4°29 | 22°50 | 23°53 | 0°44 | 28°49 | 9° 8 | 28°29 | 24°17 | 23°16 | 23°57 | 13°21 | 21°57 | F 19 |
| S 20 | 13 52 34 | 0♉ 1'01 | 21°10 | 5°56 | 22°15 | 24°37 | 0°50 | 28°51 | 9°11 | 28°27 | 24°16 | 23°10 | 23°54 | 13°27 | 21°59 | S 20 |
| S 21 | 13 56 31 | 0°59'52 | 3♋ 6 | 7°26 | 21°41 | 25°21 | 0°55 | 28°53 | 9°13 | 28°26 | 24°16 | 23° 6 | 23°50 | 13°34 | 22° 2 | S 21 |
| M22 | 14 0 27 | 1°58'40 | 14°55 | 8°57 | 21° 8 | 26° 5 | 1° 0 | 28°56 | 9°16 | 28°24 | 24°15 | 23° 5 | 23°47 | 13°41 | 22° 4 | M22 |
| T 23 | 14 4 24 | 2°57'26 | 26°43 | 10°29 | 20°37 | 26°48 | 1° 5 | 28°58 | 9°19 | 28°22 | 24°15 | 23° 5 | 23°44 | 13°47 | 22° 7 | T 23 |
| W24 | 14 8 20 | 3°56'09 | 8♌35 | 12° 4 | 20° 8 | 27°32 | 1°10 | 29° 1 | 9°22 | 28°21 | 24°15 | 23° 5 | 23°41 | 13°54 | 22° 9 | W24 |
| T 25 | 14 12 17 | 4°54'51 | 20°36 | 13°40 | 19°40 | 28°16 | 1°14 | 29° 3 | 9°25 | 28°19 | 24°14 | 23° 4 | 23°38 | 14° 1 | 22°11 | T 25 |
| F 26 | 14 16 13 | 5°53'30 | 2♍52 | 15°18 | 19°15 | 28°59 | 1°19 | 29° 6 | 9°28 | 28°18 | 24°14 | 23° 1 | 23°34 | 14° 7 | 22°14 | F 26 |
| S 27 | 14 20 10 | 6°52'07 | 15°27 | 16°57 | 18°51 | 29°43 | 1°23 | 29° 9 | 9°31 | 28°16 | 24°14 | 22°56 | 23°31 | 14°14 | 22°16 | S 27 |
| S 28 | 14 24 6 | 7°50'42 | 28°24 | 18°38 | 18°30 | 0♓27 | 1°27 | 29°12 | 9°35 | 28°14 | 24°14 | 22°48 | 23°28 | 14°20 | 22°18 | S 28 |
| M29 | 14 28 3 | 8°49'15 | 11♎46 | 20°21 | 18°12 | 1°10 | 1°31 | 29°15 | 9°38 | 28°13 | 24°13 | 22°38 | 23°25 | 14°27 | 22°20 | M29 |
| T 30 | 14 32 0 | 9♉47'45 | 25♎32 | 22♈ 5 | 17♈55 | 1♓54 | 1♒35 | 29♋18 | 9♊41 | 28♎11 | 24♌13 | 22♋27 | 23♋22 | 14♋34 | 22♒22 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 4n27 | 2n52 | 4n39 | 6s57 | 0s48 | 19n32 | 7n44 | 18s31 | 1s 4 | 20s27 | 0s 4 | 20n43 | 0n19 | 21n34 | 0s 4 | 9s30 | 1n42 | 21n33 | 8n44 | 20n59 | 21n 6 | 21n42 | 8s14 | 6n33 |
| T 2 | 4 50 | 2s 5 | 4 58 | 6 50 | 0 59 | 19 28 | 7 47 | 18 20 | 1 5 | 20 25 | 0 4 | 20 43 | 0 19 | 21 35 | 0 4 | 9 29 | 1 42 | 21 33 | 8 44 | 21 1 | 21 6 | 21 42 | 8 13 | 6 33 |
| W 3 | 5 13 | 7 2 | 5 0 | 6 41 | 1 9 | 19 23 | 7 49 | 18 8 | 1 6 | 20 24 | 0 4 | 20 43 | 0 19 | 21 35 | 0 4 | 9 29 | 1 42 | 21 33 | 8 44 | 21 3 | 21 7 | 21 42 | 8 12 | 6 34 |
| T 4 | 5 36 | 11 42 | 4 44 | 6 29 | 1 18 | 19 16 | 7 50 | 17 57 | 1 7 | 20 22 | 0 4 | 20 43 | 0 19 | 21 36 | 0 4 | 9 28 | 1 42 | 21 33 | 8 44 | 21 5 | 21 8 | 21 42 | 8 10 | 6 34 |
| F 5 | 5 59 | 15 46 | 4 10 | 6 16 | 1 27 | 19 7 | 7 51 | 17 45 | 1 8 | 20 21 | 0 4 | 20 43 | 0 19 | 21 36 | 0 4 | 9 27 | 1 42 | 21 34 | 8 44 | 21 7 | 21 8 | 21 43 | 8 9 | 6 34 |
| S 6 | 6 22 | 18 58 | 3 21 | 6 2 | 1 35 | 18 57 | 7 51 | 17 34 | 1 9 | 20 19 | 0 5 | 20 43 | 0 19 | 21 36 | 0 4 | 9 27 | 1 42 | 21 34 | 8 44 | 21 8 | 21 9 | 21 43 | 8 7 | 6 35 |
| S 7 | 6 45 | 21 1 | 2 20 | 5 45 | 1 43 | 18 46 | 7 50 | 17 22 | 1 10 | 20 18 | 0 5 | 20 43 | 0 19 | 21 37 | 0 4 | 9 26 | 1 42 | 21 34 | 8 44 | 21 8 | 21 9 | 21 43 | 8 6 | 6 35 |
| M 8 | 7 7 | 21 44 | 1 10 | 5 27 | 1 50 | 18 33 | 7 48 | 17 10 | 1 11 | 20 16 | 0 5 | 20 43 | 0 19 | 21 37 | 0 4 | 9 26 | 1 42 | 21 34 | 8 43 | 21 8 | 21 10 | 21 44 | 8 5 | 6 35 |
| T 9 | 7 30 | 21 4 | 0s 4 | 5 7 | 1 57 | 18 18 | 7 45 | 16 58 | 1 12 | 20 15 | 0 5 | 20 43 | 0 19 | 21 37 | 0 4 | 9 25 | 1 42 | 21 34 | 8 43 | 21 8 | 21 10 | 21 44 | 8 3 | 6 36 |
| W10 | 7 52 | 19 6 | 1 17 | 4 46 | 2 3 | 18 3 | 7 42 | 16 45 | 1 13 | 20 14 | 0 5 | 20 43 | 0 19 | 21 38 | 0 4 | 9 25 | 1 42 | 21 34 | 8 43 | 21 8 | 21 11 | 21 44 | 8 2 | 6 36 |
| T 11 | 8 14 | 15 59 | 2 26 | 4 24 | 2 9 | 17 46 | 7 37 | 16 33 | 1 14 | 20 12 | 0 5 | 20 42 | 0 19 | 21 38 | 0 4 | 9 24 | 1 42 | 21 34 | 8 43 | 21 9 | 21 11 | 21 44 | 8 1 | 6 36 |
| F 12 | 8 36 | 11 59 | 3 25 | 4 0 | 2 14 | 17 27 | 7 32 | 16 20 | 1 15 | 20 11 | 0 5 | 20 42 | 0 19 | 21 39 | 0 4 | 9 23 | 1 42 | 21 35 | 8 43 | 21 10 | 21 12 | 21 45 | 8 0 | 6 37 |
| S 13 | 8 58 | 7 24 | 4 11 | 3 35 | 2 19 | 17 8 | 7 26 | 16 8 | 1 16 | 20 10 | 0 5 | 20 42 | 0 19 | 21 39 | 0 4 | 9 23 | 1 42 | 21 35 | 8 43 | 21 11 | 21 13 | 21 45 | 7 58 | 6 37 |
| S 14 | 9 20 | 2 30 | 4 43 | 3 8 | 2 23 | 16 48 | 7 19 | 15 55 | 1 17 | 20 8 | 0 6 | 20 42 | 0 19 | 21 40 | 0 4 | 9 22 | 1 42 | 21 35 | 8 43 | 21 13 | 21 13 | 21 45 | 7 57 | 6 38 |
| M15 | 9 42 | 2n27 | 4 59 | 2 40 | 2 26 | 16 27 | 7 11 | 15 42 | 1 18 | 20 7 | 0 6 | 20 41 | 0 19 | 21 40 | 0 4 | 9 22 | 1 42 | 21 35 | 8 42 | 21 15 | 21 14 | 21 45 | 7 56 | 6 38 |
| T 16 | 10 3 | 7 12 | 4 58 | 2 11 | 2 30 | 16 5 | 7 2 | 15 29 | 1 19 | 20 6 | 0 6 | 20 41 | 0 20 | 21 40 | 0 4 | 9 21 | 1 42 | 21 35 | 8 42 | 21 17 | 21 14 | 21 45 | 7 55 | 6 38 |
| W17 | 10 24 | 11 33 | 4 42 | 1 40 | 2 32 | 15 42 | 6 53 | 15 15 | 1 20 | 20 5 | 0 6 | 20 41 | 0 20 | 21 41 | 0 4 | 9 20 | 1 42 | 21 35 | 8 42 | 21 19 | 21 15 | 21 46 | 7 53 | 6 39 |
| T 18 | 10 45 | 15 17 | 4 12 | 1 9 | 2 34 | 15 19 | 6 43 | 15 2 | 1 21 | 20 4 | 0 6 | 20 40 | 0 20 | 21 41 | 0 4 | 9 20 | 1 42 | 21 35 | 8 42 | 21 21 | 21 15 | 21 46 | 7 52 | 6 39 |
| F 19 | 11 6 | 18 17 | 3 31 | 0 36 | 2 35 | 14 55 | 6 32 | 14 48 | 1 22 | 20 3 | 0 6 | 20 40 | 0 20 | 21 42 | 0 4 | 9 19 | 1 42 | 21 35 | 8 42 | 21 23 | 21 16 | 21 46 | 7 51 | 6 39 |
| S 20 | 11 27 | 20 25 | 2 41 | 0 3 | 2 36 | 14 31 | 6 21 | 14 35 | 1 22 | 20 2 | 0 6 | 20 40 | 0 20 | 21 42 | 0 4 | 9 19 | 1 42 | 21 35 | 8 42 | 21 24 | 21 16 | 21 46 | 7 50 | 6 40 |
| S 21 | 11 48 | 21 37 | 1 44 | 0n32 | 2 37 | 14 7 | 6 9 | 14 21 | 1 23 | 20 1 | 0 6 | 20 39 | 0 20 | 21 43 | 0 4 | 9 18 | 1 42 | 21 35 | 8 42 | 21 24 | 21 17 | 21 47 | 7 49 | 6 40 |
| M22 | 12 8 | 21 50 | 0 43 | 1 8 | 2 37 | 13 44 | 5 56 | 14 7 | 1 24 | 20 0 | 0 7 | 20 39 | 0 20 | 21 43 | 0 4 | 9 18 | 1 42 | 21 35 | 8 41 | 21 25 | 21 18 | 21 47 | 7 47 | 6 41 |
| T 23 | 12 28 | 21 5 | 0n19 | 1 45 | 2 36 | 13 20 | 5 43 | 13 53 | 1 25 | 19 59 | 0 7 | 20 38 | 0 20 | 21 44 | 0 4 | 9 17 | 1 42 | 21 35 | 8 41 | 21 25 | 21 18 | 21 47 | 7 46 | 6 41 |
| W24 | 12 48 | 19 23 | 1 21 | 2 23 | 2 35 | 12 56 | 5 30 | 13 39 | 1 26 | 19 58 | 0 7 | 20 38 | 0 20 | 21 44 | 0 4 | 9 16 | 1 42 | 21 35 | 8 41 | 21 25 | 21 19 | 21 47 | 7 45 | 6 41 |
| T 25 | 13 8 | 16 49 | 2 21 | 3 1 | 2 33 | 12 33 | 5 16 | 13 25 | 1 27 | 19 57 | 0 7 | 20 37 | 0 20 | 21 44 | 0 4 | 9 16 | 1 42 | 21 35 | 8 41 | 21 25 | 21 19 | 21 47 | 7 44 | 6 42 |
| F 26 | 13 27 | 13 27 | 3 15 | 3 41 | 2 31 | 12 11 | 5 3 | 13 11 | 1 28 | 19 56 | 0 7 | 20 37 | 0 20 | 21 45 | 0 4 | 9 15 | 1 42 | 21 35 | 8 41 | 21 25 | 21 20 | 21 47 | 7 43 | 6 42 |
| S 27 | 13 46 | 9 25 | 4 0 | 4 21 | 2 29 | 11 49 | 4 49 | 12 56 | 1 29 | 19 55 | 0 7 | 20 36 | 0 20 | 21 45 | 0 4 | 9 15 | 1 42 | 21 35 | 8 41 | 21 26 | 21 20 | 21 48 | 7 42 | 6 43 |
| S 28 | 14 5 | 4 51 | 4 35 | 5 3 | 2 25 | 11 28 | 4 34 | 12 42 | 1 30 | 19 54 | 0 7 | 20 36 | 0 20 | 21 46 | 0 4 | 9 14 | 1 42 | 21 35 | 8 40 | 21 27 | 21 21 | 21 48 | 7 41 | 6 43 |
| M29 | 14 24 | 0s 5 | 4 57 | 5 44 | 2 22 | 11 7 | 4 20 | 12 27 | 1 31 | 19 54 | 0 8 | 20 35 | 0 20 | 21 46 | 0 4 | 9 14 | 1 42 | 21 35 | 8 40 | 21 29 | 21 21 | 21 48 | 7 40 | 6 43 |
| T 30 | 14n43 | 5s10 | 5n 2 | 6n27 | 2s17 | 10n48 | 4n 6 | 12s12 | 1s32 | 19s53 | 0s 8 | 20n35 | 0n20 | 21n47 | 0s 4 | 9s13 | 1n42 | 21n34 | 8n40 | 21n31 | 21n22 | 21n48 | 7s39 | 6n44 |

Julian Day Number = 2614898.5, Delta T = 11m02s
Ecliptic obliquity = 23°22'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'37, Lahiri = 30°06'37


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## MAY 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 14 35 56 | 10♉46'14 | 9♏39 | 23♈51 | 17°R41 | 2♓38 | 1♒39 | 29♋22 | 9♊44 | 28°R 9 | 24°R13 | 22°R16 | 23♋19 | 14♋40 | 22♒24 | W 1 |
| T 2 | 14 39 53 | 11°44'41 | 24° 1 | 25°39 | 17♈30 | 3°22 | 1°42 | 29°25 | 9°47 | 28♎ 8 | 24♌13 | 22♋ 6 | 23°15 | 14°47 | 22°25 | T 2 |
| F 3 | 14 43 49 | 12°43'06 | 8♐33 | 27°28 | 17°21 | 4° 5 | 1°45 | 29°29 | 9°50 | 28° 6 | 24°13 | 21°58 | 23°12 | 14°54 | 22°27 | F 3 |
| S 4 | 14 47 46 | 13°41'30 | 23° 7 | 29°19 | 17°14 | 4°49 | 1°48 | 29°32 | 9°54 | 28° 5 | 24°13 | 21°52 | 23° 9 | 15° 0 | 22°29 | S 4 |
| S 5 | 14 51 42 | 14°39'52 | 7♑39 | 1♉12 | 17°10 | 5°33 | 1°51 | 29°36 | 9°57 | 28° 3 | 24°13 | 21°50 | 23° 6 | 15° 7 | 22°31 | S 5 |
| M 6 | 14 55 39 | 15°38'13 | 22° 2 | 3° 7 | 17°D 8 | 6°16 | 1°54 | 29°40 | 10° 0 | 28° 2 | 24°D13 | 21°D49 | 23° 3 | 15°14 | 22°32 | M 6 |
| T 7 | 14 59 35 | 16°36'32 | 6♒16 | 5° 3 | 17° 9 | 7° 0 | 1°57 | 29°43 | 10° 3 | 28° 0 | 24°13 | 21°49 | 22°59 | 15°20 | 22°34 | T 7 |
| W 8 | 15 3 32 | 17°34'49 | 20°17 | 7° 1 | 17°12 | 7°44 | 1°59 | 29°47 | 10° 7 | 27°59 | 24°13 | 21°R49 | 22°56 | 15°27 | 22°35 | W 8 |
| T 9 | 15 7 29 | 18°33'05 | 4♓ 6 | 9° 0 | 17°17 | 8°27 | 2° 1 | 29°51 | 10°10 | 27°57 | 24°13 | 21°48 | 22°53 | 15°34 | 22°36 | T 9 |
| F 10 | 15 11 25 | 19°31'19 | 17°43 | 11° 2 | 17°24 | 9°11 | 2° 3 | 29°56 | 10°13 | 27°55 | 24°13 | 21°45 | 22°50 | 15°40 | 22°38 | F 10 |
| S 11 | 15 15 22 | 20°29'32 | 1♈ 8 | 13° 4 | 17°34 | 9°55 | 2° 5 | 29°59 | 10°17 | 27°54 | 24°13 | 21°40 | 22°47 | 15°47 | 22°39 | S 11 |
| S 12 | 15 19 18 | 21°27'44 | 14°21 | 15° 8 | 17°46 | 10°38 | 2° 6 | 0♌ 4 | 10°20 | 27°52 | 24°13 | 21°32 | 22°44 | 15°54 | 22°40 | S 12 |
| M13 | 15 23 15 | 22°25'54 | 27°22 | 17°14 | 18° 0 | 11°22 | 2° 8 | 0° 8 | 10°23 | 27°51 | 24°13 | 21°22 | 22°40 | 16° 0 | 22°41 | M13 |
| T 14 | 15 27 11 | 23°24'02 | 10♉11 | 19°21 | 18°16 | 12° 5 | 2° 9 | 0°13 | 10°27 | 27°50 | 24°13 | 21°12 | 22°37 | 16° 7 | 22°42 | T 14 |
| W15 | 15 31 8 | 24°22'09 | 22°46 | 21°29 | 18°34 | 12°49 | 2°10 | 0°17 | 10°30 | 27°48 | 24°14 | 21° 1 | 22°34 | 16°13 | 22°43 | W15 |
| T 16 | 15 35 4 | 25°20'15 | 5♊ 9 | 23°38 | 18°53 | 13°33 | 2°11 | 0°22 | 10°33 | 27°47 | 24°14 | 20°52 | 22°31 | 16°20 | 22°44 | T 16 |
| F 17 | 15 39 1 | 26°18'18 | 17°20 | 25°48 | 19°15 | 14°16 | 2°12 | 0°27 | 10°37 | 27°45 | 24°14 | 20°45 | 22°28 | 16°27 | 22°45 | F 17 |
| S 18 | 15 42 58 | 27°16'21 | 29°20 | 27°58 | 19°38 | 15° 0 | 2°12 | 0°32 | 10°40 | 27°44 | 24°15 | 20°41 | 22°25 | 16°33 | 22°46 | S 18 |
| S 19 | 15 46 54 | 28°14'21 | 11♋13 | 0♊ 9 | 20° 3 | 15°43 | 2°12 | 0°36 | 10°44 | 27°43 | 24°15 | 20°38 | 22°21 | 16°40 | 22°46 | S 19 |
| M20 | 15 50 51 | 29°12'20 | 23° 0 | 2°20 | 20°29 | 16°27 | 2°R12 | 0°41 | 10°47 | 27°41 | 24°15 | 20°D38 | 22°18 | 16°47 | 22°47 | M20 |
| T 21 | 15 54 47 | 0♊10'16 | 4♌47 | 4°31 | 20°57 | 17°10 | 2°12 | 0°46 | 10°51 | 27°40 | 24°16 | 20°39 | 22°15 | 16°53 | 22°47 | T 21 |
| W22 | 15 58 44 | 1° 8'12 | 16°38 | 6°41 | 21°27 | 17°54 | 2°12 | 0°51 | 10°54 | 27°39 | 24°16 | 20°40 | 22°12 | 17° 0 | 22°48 | W22 |
| T 23 | 16 2 40 | 2° 6'05 | 28°39 | 8°50 | 21°58 | 18°37 | 2°12 | 0°57 | 10°58 | 27°37 | 24°17 | 20°R41 | 22° 9 | 17° 7 | 22°48 | T 23 |
| F 24 | 16 6 37 | 3° 3'56 | 10♍54 | 10°59 | 22°31 | 19°20 | 2°11 | 1° 2 | 11° 1 | 27°36 | 24°17 | 20°40 | 22° 5 | 17°13 | 22°49 | F 24 |
| S 25 | 16 10 33 | 4° 1'46 | 23°28 | 13° 6 | 23° 4 | 20° 4 | 2°10 | 1° 7 | 11° 5 | 27°35 | 24°18 | 20°38 | 22° 2 | 17°20 | 22°49 | S 25 |
| S 26 | 16 14 30 | 4°59'34 | 6♎26 | 15°12 | 23°39 | 20°47 | 2° 9 | 1°13 | 11° 8 | 27°33 | 24°18 | 20°35 | 21°59 | 17°27 | 22°49 | S 26 |
| M27 | 16 18 27 | 5°57'21 | 19°50 | 17°15 | 24°16 | 21°30 | 2° 8 | 1°18 | 11°12 | 27°32 | 24°19 | 20°29 | 21°56 | 17°33 | 22°49 | M27 |
| T 28 | 16 22 23 | 6°55'06 | 3♏41 | 19°17 | 24°53 | 22°13 | 2° 6 | 1°24 | 11°15 | 27°31 | 24°19 | 20°23 | 21°53 | 17°40 | 22°R49 | T 28 |
| W29 | 16 26 20 | 7°52'49 | 17°58 | 21°17 | 25°32 | 22°57 | 2° 5 | 1°29 | 11°19 | 27°30 | 24°20 | 20°16 | 21°50 | 17°46 | 22°49 | W29 |
| T 30 | 16 30 16 | 8°50'31 | 2♐35 | 23°14 | 26°11 | 23°40 | 2° 3 | 1°35 | 11°22 | 27°29 | 24°20 | 20°10 | 21°46 | 17°53 | 22°49 | T 30 |
| F 31 | 16 34 13 | 9♊48'12 | 17♐26 | 25♊ 9 | 26♈52 | 24♓23 | 2♒ 1 | 1♌41 | 11♊26 | 27♎28 | 24♌21 | 20♋ 5 | 21♋43 | 18♋ 0 | 22♒49 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n 1 | 10s 6 | 4n48 | 7n11 | 2s13 | 10n29 | 3n51 | 11s58 | 1s33 | 19s52 | 0s 8 | 20n34 | 0n20 | 21n47 | 0s 4 | 9s12 | 1n42 | 21n34 | 8n40 | 21n33 | 21n22 | 21n48 | 7s38 | 6n44 |
| T 2 | 15 19 | 14 35 | 4 17 | 7 55 | 2 8 | 10 12 | 3 37 | 11 43 | 1 34 | 19 52 | 0 8 | 20 33 | 0 20 | 21 48 | 0 4 | 9 12 | 1 42 | 21 34 | 8 40 | 21 34 | 21 23 | 21 48 | 7 37 | 6 45 |
| F 3 | 15 37 | 18 14 | 3 29 | 8 39 | 2 2 | 9 55 | 3 23 | 11 28 | 1 35 | 19 51 | 0 8 | 20 33 | 0 21 | 21 48 | 0 4 | 9 11 | 1 42 | 21 34 | 8 40 | 21 36 | 21 23 | 21 49 | 7 36 | 6 45 |
| S 4 | 15 55 | 20 46 | 2 26 | 9 24 | 1 56 | 9 40 | 3 9 | 11 13 | 1 36 | 19 51 | 0 8 | 20 32 | 0 21 | 21 49 | 0 4 | 9 11 | 1 42 | 21 34 | 8 39 | 21 37 | 21 24 | 21 49 | 7 35 | 6 46 |
| S 5 | 16 12 | 21 55 | 1 15 | 10 10 | 1 49 | 9 25 | 2 55 | 10 57 | 1 37 | 19 50 | 0 8 | 20 31 | 0 21 | 21 49 | 0 4 | 9 10 | 1 42 | 21 34 | 8 39 | 21 37 | 21 25 | 21 49 | 7 34 | 6 46 |
| M 6 | 16 29 | 21 36 | 0s 1 | 10 55 | 1 42 | 9 12 | 2 41 | 10 42 | 1 38 | 19 50 | 0 9 | 20 31 | 0 21 | 21 50 | 0 4 | 9 10 | 1 42 | 21 34 | 8 39 | 21 37 | 21 25 | 21 49 | 7 33 | 6 46 |
| T 7 | 16 46 | 19 54 | 1 16 | 11 42 | 1 34 | 9 0 | 2 28 | 10 27 | 1 39 | 19 49 | 0 9 | 20 30 | 0 21 | 21 50 | 0 4 | 9 9 | 1 42 | 21 34 | 8 39 | 21 37 | 21 26 | 21 49 | 7 32 | 6 47 |
| W 8 | 17 2 | 17 0 | 2 26 | 12 28 | 1 26 | 8 49 | 2 15 | 10 12 | 1 40 | 19 49 | 0 9 | 20 29 | 0 21 | 21 51 | 0 4 | 9 9 | 1 42 | 21 33 | 8 39 | 21 37 | 21 26 | 21 49 | 7 31 | 6 47 |
| T 9 | 17 18 | 13 10 | 3 26 | 13 14 | 1 18 | 8 39 | 2 2 | 9 56 | 1 41 | 19 48 | 0 9 | 20 28 | 0 21 | 21 51 | 0 4 | 9 8 | 1 42 | 21 33 | 8 39 | 21 37 | 21 27 | 21 49 | 7 31 | 6 48 |
| F 10 | 17 34 | 8 43 | 4 13 | 14 0 | 1 9 | 8 30 | 1 49 | 9 41 | 1 42 | 19 48 | 0 9 | 20 27 | 0 21 | 21 52 | 0 4 | 9 8 | 1 42 | 21 33 | 8 38 | 21 38 | 21 27 | 21 49 | 7 30 | 6 48 |
| S 11 | 17 50 | 3 55 | 4 45 | 14 46 | 1 0 | 8 22 | 1 36 | 9 25 | 1 43 | 19 48 | 0 9 | 20 27 | 0 21 | 21 52 | 0 4 | 9 7 | 1 42 | 21 33 | 8 38 | 21 39 | 21 28 | 21 50 | 7 29 | 6 49 |
| S 12 | 18 5 | 1n 0 | 5 2 | 15 32 | 0 50 | 8 15 | 1 24 | 9 9 | 1 43 | 19 48 | 0 9 | 20 26 | 0 21 | 21 53 | 0 4 | 9 7 | 1 42 | 21 33 | 8 38 | 21 40 | 21 28 | 21 50 | 7 28 | 6 49 |
| M13 | 18 20 | 5 48 | 5 3 | 16 18 | 0 40 | 8 10 | 1 12 | 8 54 | 1 44 | 19 48 | 0 10 | 20 25 | 0 21 | 21 53 | 0 4 | 9 6 | 1 42 | 21 32 | 8 38 | 21 41 | 21 29 | 21 50 | 7 27 | 6 50 |
| T 14 | 18 35 | 10 16 | 4 48 | 17 2 | 0 30 | 8 5 | 1 1 | 8 38 | 1 45 | 19 47 | 0 10 | 20 24 | 0 21 | 21 54 | 0 4 | 9 6 | 1 42 | 21 32 | 8 38 | 21 43 | 21 29 | 21 50 | 7 27 | 6 50 |
| W15 | 18 49 | 14 14 | 4 20 | 17 46 | 0 20 | 8 1 | 0 50 | 8 22 | 1 46 | 19 47 | 0 10 | 20 23 | 0 21 | 21 54 | 0 4 | 9 5 | 1 42 | 21 32 | 8 38 | 21 44 | 21 30 | 21 50 | 7 26 | 6 50 |
| T 16 | 19 3 | 17 31 | 3 39 | 18 29 | 0 10 | 7 59 | 0 39 | 8 6 | 1 47 | 19 47 | 0 10 | 20 22 | 0 21 | 21 55 | 0 4 | 9 5 | 1 42 | 21 32 | 8 37 | 21 46 | 21 30 | 21 50 | 7 25 | 6 51 |
| F 17 | 19 17 | 19 58 | 2 49 | 19 11 | 0n 1 | 7 57 | 0 28 | 7 50 | 1 48 | 19 47 | 0 10 | 20 21 | 0 21 | 21 55 | 0 4 | 9 4 | 1 42 | 21 31 | 8 37 | 21 47 | 21 31 | 21 50 | 7 24 | 6 51 |
| S 18 | 19 30 | 21 31 | 1 52 | 19 51 | 0 11 | 7 56 | 0 18 | 7 34 | 1 49 | 19 47 | 0 10 | 20 20 | 0 21 | 21 56 | 0 4 | 9 4 | 1 42 | 21 31 | 8 37 | 21 48 | 21 31 | 21 50 | 7 24 | 6 52 |
| S 19 | 19 43 | 22 4 | 0 51 | 20 29 | 0 22 | 7 56 | 0 8 | 7 18 | 1 50 | 19 47 | 0 11 | 20 19 | 0 21 | 21 56 | 0 4 | 9 3 | 1 42 | 21 31 | 8 37 | 21 48 | 21 32 | 21 50 | 7 23 | 6 52 |
| M20 | 19 56 | 21 38 | 0n13 | 21 6 | 0 32 | 7 57 | 0s 2 | 7 2 | 1 51 | 19 48 | 0 11 | 20 18 | 0 21 | 21 57 | 0 4 | 9 3 | 1 42 | 21 31 | 8 37 | 21 48 | 21 32 | 21 50 | 7 23 | 6 53 |
| T 21 | 20 8 | 20 15 | 1 16 | 21 41 | 0 43 | 7 59 | 0 11 | 6 46 | 1 52 | 19 48 | 0 11 | 20 17 | 0 22 | 21 57 | 0 4 | 9 2 | 1 41 | 21 30 | 8 37 | 21 48 | 21 33 | 21 50 | 7 22 | 6 53 |
| W22 | 20 20 | 17 58 | 2 16 | 22 14 | 0 52 | 8 2 | 0 20 | 6 30 | 1 53 | 19 48 | 0 11 | 20 16 | 0 22 | 21 58 | 0 4 | 9 2 | 1 41 | 21 30 | 8 36 | 21 48 | 21 33 | 21 50 | 7 21 | 6 54 |
| T 23 | 20 32 | 14 54 | 3 11 | 22 44 | 1 2 | 8 5 | 0 29 | 6 14 | 1 53 | 19 48 | 0 11 | 20 15 | 0 22 | 21 58 | 0 4 | 9 1 | 1 41 | 21 30 | 8 36 | 21 48 | 21 34 | 21 50 | 7 21 | 6 54 |
| F 24 | 20 43 | 11 8 | 3 58 | 23 13 | 1 11 | 8 10 | 0 37 | 5 58 | 1 54 | 19 49 | 0 11 | 20 14 | 0 22 | 21 59 | 0 4 | 9 1 | 1 41 | 21 29 | 8 36 | 21 48 | 21 34 | 21 50 | 7 20 | 6 54 |
| S 25 | 20 54 | 6 48 | 4 35 | 23 38 | 1 20 | 8 15 | 0 45 | 5 42 | 1 55 | 19 49 | 0 11 | 20 13 | 0 22 | 21 59 | 0 4 | 9 0 | 1 41 | 21 29 | 8 36 | 21 48 | 21 35 | 21 50 | 7 20 | 6 55 |
| S 26 | 21 5 | 2 3 | 5 0 | 24 1 | 1 28 | 8 20 | 0 53 | 5 25 | 1 56 | 19 49 | 0 12 | 20 12 | 0 22 | 22 0 | 0 4 | 9 0 | 1 41 | 21 29 | 8 36 | 21 49 | 21 35 | 21 50 | 7 19 | 6 55 |
| M27 | 21 15 | 2s58 | 5 9 | 24 21 | 1 36 | 8 26 | 1 1 | 5 9 | 1 57 | 19 50 | 0 12 | 20 11 | 0 22 | 22 0 | 0 4 | 9 0 | 1 41 | 21 28 | 8 36 | 21 49 | 21 36 | 21 50 | 7 19 | 6 56 |
| T 28 | 21 25 | 7 59 | 5 1 | 24 39 | 1 42 | 8 33 | 1 8 | 4 53 | 1 58 | 19 50 | 0 12 | 20 9 | 0 22 | 22 1 | 0 4 | 8 59 | 1 41 | 21 28 | 8 35 | 21 50 | 21 36 | 21 50 | 7 18 | 6 56 |
| W29 | 21 34 | 12 45 | 4 34 | 24 54 | 1 49 | 8 41 | 1 15 | 4 37 | 1 59 | 19 51 | 0 12 | 20 8 | 0 22 | 22 1 | 0 4 | 8 59 | 1 41 | 21 28 | 8 35 | 21 51 | 21 37 | 21 50 | 7 18 | 6 57 |
| T 30 | 21 43 | 16 53 | 3 49 | 25 6 | 1 54 | 8 49 | 1 22 | 4 20 | 2 0 | 19 51 | 0 12 | 20 7 | 0 22 | 22 2 | 0 4 | 8 59 | 1 41 | 21 27 | 8 35 | 21 52 | 21 37 | 21 50 | 7 18 | 6 57 |
| F 31 | 21n52 | 20s 0 | 2n48 | 25n16 | 1n59 | 8n57 | 1s28 | 4s 4 | 2s 0 | 19s52 | 0s12 | 20n 6 | 0n22 | 22n 2 | 0s 4 | 8s58 | 1n41 | 21n27 | 8n35 | 21n53 | 21n38 | 21n50 | 7s17 | 6n58 |

Julian Day Number = 2614928.5, Delta T = 11m02s
Ecliptic obliquity = 23°22'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'41, Lahiri = 30°06'41


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## JUNE 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 16 38 9 | 10♊45'52 | 2♋23 | 27♊ 1 | 27♈34 | 25♓ 6 | 1°R59 | 1♌46 | 11♊29 | 27°R27 | 24♌22 | 20°R 2 | 21♋40 | 18♋ 6 | 22°R49 | S 1 |
| S 2 | 16 42 6 | 11°43'31 | 17°18 | 28°50 | 28°17 | 25°49 | 1♒56 | 1°52 | 11°33 | 27♎25 | 24°23 | 20°D 1 | 21°37 | 18°13 | 22♒48 | S 2 |
| M 3 | 16 46 2 | 12°41'08 | 2♒ 2 | 0♋37 | 29° 1 | 26°32 | 1°54 | 1°58 | 11°36 | 27°24 | 24°23 | 20♋ 2 | 21°34 | 18°20 | 22°48 | M 3 |
| T 4 | 16 49 59 | 13°38'45 | 16°32 | 2°20 | 29°45 | 27°15 | 1°51 | 2° 4 | 11°40 | 27°23 | 24°24 | 20° 3 | 21°31 | 18°26 | 22°48 | T 4 |
| W 5 | 16 53 56 | 14°36'20 | 0♓43 | 4° 1 | 0♉31 | 27°58 | 1°48 | 2°10 | 11°43 | 27°22 | 24°25 | 20° 4 | 21°27 | 18°33 | 22°47 | W 5 |
| T 6 | 16 57 52 | 15°33'55 | 14°35 | 5°39 | 1°17 | 28°41 | 1°45 | 2°16 | 11°47 | 27°21 | 24°26 | 20°R 5 | 21°24 | 18°40 | 22°47 | T 6 |
| F 7 | 17 1 49 | 16°31'29 | 28° 8 | 7°14 | 2° 5 | 29°24 | 1°42 | 2°22 | 11°50 | 27°20 | 24°27 | 20° 4 | 21°21 | 18°46 | 22°46 | F 7 |
| S 8 | 17 5 45 | 17°29'02 | 11♈23 | 8°46 | 2°53 | 0♈ 7 | 1°38 | 2°29 | 11°54 | 27°19 | 24°27 | 20° 2 | 21°18 | 18°53 | 22°45 | S 8 |
| S 9 | 17 9 42 | 18°26'34 | 24°21 | 10°15 | 3°41 | 0°49 | 1°35 | 2°35 | 11°57 | 27°19 | 24°28 | 19°59 | 21°15 | 19° 0 | 22°44 | S 9 |
| M10 | 17 13 38 | 19°24'06 | 7♉ 4 | 11°41 | 4°31 | 1°32 | 1°31 | 2°41 | 12° 1 | 27°18 | 24°29 | 19°54 | 21°11 | 19° 6 | 22°44 | M10 |
| T 11 | 17 17 35 | 20°21'36 | 19°34 | 13° 3 | 5°21 | 2°15 | 1°27 | 2°48 | 12° 4 | 27°17 | 24°30 | 19°50 | 21° 8 | 19°13 | 22°43 | T 11 |
| W12 | 17 21 31 | 21°19'06 | 1♊53 | 14°23 | 6°12 | 2°57 | 1°23 | 2°54 | 12° 8 | 27°16 | 24°31 | 19°45 | 21° 5 | 19°20 | 22°42 | W12 |
| T 13 | 17 25 28 | 22°16'35 | 14° 1 | 15°39 | 7° 3 | 3°40 | 1°19 | 3° 1 | 12°11 | 27°15 | 24°32 | 19°41 | 21° 2 | 19°26 | 22°41 | T 13 |
| F 14 | 17 29 25 | 23°14'04 | 26° 1 | 16°52 | 7°55 | 4°22 | 1°14 | 3° 7 | 12°15 | 27°14 | 24°33 | 19°37 | 20°59 | 19°33 | 22°40 | F 14 |
| S 15 | 17 33 21 | 24°11'31 | 7♋54 | 18° 2 | 8°48 | 5° 5 | 1°10 | 3°14 | 12°18 | 27°14 | 24°34 | 19°36 | 20°56 | 19°39 | 22°38 | S 15 |
| S 16 | 17 37 18 | 25° 8'57 | 19°43 | 19° 9 | 9°41 | 5°47 | 1° 5 | 3°20 | 12°22 | 27°13 | 24°35 | 19°D35 | 20°52 | 19°46 | 22°37 | S 16 |
| M17 | 17 41 14 | 26° 6'23 | 1♌29 | 20°12 | 10°35 | 6°29 | 1° 0 | 3°27 | 12°25 | 27°12 | 24°36 | 19°36 | 20°49 | 19°53 | 22°36 | M17 |
| T 18 | 17 45 11 | 27° 3'47 | 13°17 | 21°11 | 11°29 | 7°11 | 0°55 | 3°34 | 12°28 | 27°12 | 24°37 | 19°37 | 20°46 | 19°59 | 22°34 | T 18 |
| W19 | 17 49 7 | 28° 1'11 | 25° 9 | 22° 7 | 12°24 | 7°53 | 0°50 | 3°41 | 12°32 | 27°11 | 24°39 | 19°38 | 20°43 | 20° 6 | 22°33 | W19 |
| T 20 | 17 53 4 | 28°58'34 | 7♍10 | 23° 0 | 13°19 | 8°35 | 0°44 | 3°48 | 12°35 | 27°11 | 24°40 | 19°40 | 20°40 | 20°13 | 22°32 | T 20 |
| F 21 | 17 57 0 | 29°55'55 | 19°25 | 23°48 | 14°15 | 9°17 | 0°39 | 3°54 | 12°39 | 27°10 | 24°41 | 19°41 | 20°37 | 20°19 | 22°30 | F 21 |
| S 22 | 18 0 57 | 0♋53'16 | 1♎57 | 24°33 | 15°11 | 9°59 | 0°33 | 4° 1 | 12°42 | 27° 9 | 24°42 | 19°R41 | 20°33 | 20°26 | 22°28 | S 22 |
| S 23 | 18 4 54 | 1°50'35 | 14°52 | 25°14 | 16° 8 | 10°41 | 0°27 | 4° 8 | 12°45 | 27° 9 | 24°43 | 19°41 | 20°30 | 20°33 | 22°27 | S 23 |
| M24 | 18 8 50 | 2°47'54 | 28°11 | 25°51 | 17° 5 | 11°23 | 0°22 | 4°15 | 12°49 | 27° 8 | 24°45 | 19°40 | 20°27 | 20°39 | 22°25 | M24 |
| T 25 | 18 12 47 | 3°45'12 | 11♏58 | 26°23 | 18° 2 | 12° 4 | 0°15 | 4°22 | 12°52 | 27° 8 | 24°46 | 19°38 | 20°24 | 20°46 | 22°23 | T 25 |
| W26 | 18 16 43 | 4°42'29 | 26°12 | 26°52 | 19° 0 | 12°46 | 0° 9 | 4°29 | 12°55 | 27° 8 | 24°47 | 19°36 | 20°21 | 20°53 | 22°21 | W26 |
| T 27 | 18 20 40 | 5°39'46 | 10♐50 | 27°16 | 19°58 | 13°27 | 0° 3 | 4°37 | 12°59 | 27° 7 | 24°48 | 19°34 | 20°17 | 20°59 | 22°19 | T 27 |
| F 28 | 18 24 36 | 6°37'02 | 25°47 | 27°36 | 20°57 | 14° 9 | 29♋57 | 4°44 | 13° 2 | 27° 7 | 24°50 | 19°33 | 20°14 | 21° 6 | 22°18 | F 28 |
| S 29 | 18 28 33 | 7°34'17 | 10♋56 | 27°51 | 21°56 | 14°50 | 29°50 | 4°51 | 13° 5 | 27° 7 | 24°51 | 19°32 | 20°11 | 21°12 | 22°16 | S 29 |
| S 30 | 18 32 29 | 8♋31'32 | 26♋ 5 | 28♋ 1 | 22♉55 | 15♈31 | 29♋44 | 4♌58 | 13♊ 9 | 27♎ 6 | 24♌52 | 19°D32 | 20♋ 8 | 21♋19 | 22♒13 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n 0 | 21s47 | 1n35 | 25n24 | 2n 3 | 9n 7 | 1s35 | 3s48 | 2s 1 | 19s53 | 0s13 | 20n 5 | 0n22 | 22n 3 | 0s 4 | 8s58 | 1n41 | 21n26 | 8n35 | 21n53 | 21n38 | 21n50 | 7s17 | 6n58 |
| S 2 | 22 8 | 22 1 | 0 15 | 25 29 | 2 6 | 9 16 | 1 40 | 3 32 | 2 2 | 19 53 | 0 13 | 20 3 | 0 22 | 22 3 | 0 4 | 8 57 | 1 41 | 21 26 | 8 35 | 21 53 | 21 39 | 21 50 | 7 17 | 6 58 |
| M 3 | 22 16 | 20 43 | 1s 5 | 25 31 | 2 8 | 9 26 | 1 46 | 3 15 | 2 3 | 19 54 | 0 13 | 20 2 | 0 22 | 22 4 | 0 4 | 8 57 | 1 41 | 21 26 | 8 34 | 21 53 | 21 39 | 21 50 | 7 16 | 6 59 |
| T 4 | 22 23 | 18 4 | 2 20 | 25 32 | 2 10 | 9 37 | 1 52 | 2 59 | 2 4 | 19 55 | 0 13 | 20 1 | 0 22 | 22 4 | 0 4 | 8 57 | 1 41 | 21 25 | 8 34 | 21 53 | 21 40 | 21 50 | 7 16 | 6 59 |
| W 5 | 22 30 | 14 22 | 3 24 | 25 30 | 2 11 | 9 48 | 1 57 | 2 43 | 2 5 | 19 55 | 0 13 | 20 0 | 0 22 | 22 4 | 0 4 | 8 56 | 1 41 | 21 25 | 8 34 | 21 53 | 21 40 | 21 50 | 7 16 | 7 0 |
| T 6 | 22 36 | 9 58 | 4 15 | 25 26 | 2 11 | 9 59 | 2 2 | 2 26 | 2 5 | 19 56 | 0 13 | 19 58 | 0 22 | 22 5 | 0 4 | 8 56 | 1 41 | 21 24 | 8 34 | 21 53 | 21 41 | 21 50 | 7 16 | 7 0 |
| F 7 | 22 42 | 5 11 | 4 50 | 25 21 | 2 10 | 10 11 | 2 6 | 2 10 | 2 6 | 19 57 | 0 14 | 19 57 | 0 23 | 22 5 | 0 4 | 8 56 | 1 41 | 21 24 | 8 34 | 21 53 | 21 41 | 21 50 | 7 15 | 7 1 |
| S 8 | 22 48 | 0 15 | 5 9 | 25 13 | 2 8 | 10 23 | 2 11 | 1 54 | 2 7 | 19 58 | 0 14 | 19 56 | 0 23 | 22 6 | 0 4 | 8 56 | 1 41 | 21 24 | 8 34 | 21 53 | 21 42 | 21 50 | 7 15 | 7 1 |
| S 9 | 22 53 | 4n35 | 5 12 | 25 5 | 2 6 | 10 36 | 2 15 | 1 38 | 2 8 | 19 59 | 0 14 | 19 54 | 0 23 | 22 6 | 0 4 | 8 55 | 1 41 | 21 23 | 8 33 | 21 54 | 21 42 | 21 50 | 7 15 | 7 1 |
| M10 | 22 57 | 9 8 | 4 59 | 24 54 | 2 3 | 10 48 | 2 19 | 1 22 | 2 9 | 20 0 | 0 14 | 19 53 | 0 23 | 22 7 | 0 4 | 8 55 | 1 41 | 21 23 | 8 33 | 21 54 | 21 43 | 21 50 | 7 15 | 7 2 |
| T 11 | 23 2 | 13 13 | 4 32 | 24 42 | 1 59 | 11 1 | 2 23 | 1 5 | 2 9 | 20 1 | 0 14 | 19 51 | 0 23 | 22 7 | 0 4 | 8 55 | 1 41 | 21 22 | 8 33 | 21 55 | 21 43 | 21 50 | 7 15 | 7 2 |
| W12 | 23 6 | 16 41 | 3 52 | 24 29 | 1 54 | 11 15 | 2 27 | 0 49 | 2 10 | 20 2 | 0 14 | 19 50 | 0 23 | 22 8 | 0 4 | 8 54 | 1 41 | 21 22 | 8 33 | 21 56 | 21 44 | 21 50 | 7 15 | 7 3 |
| T 13 | 23 9 | 19 24 | 3 3 | 24 15 | 1 48 | 11 28 | 2 30 | 0 33 | 2 11 | 20 3 | 0 15 | 19 49 | 0 23 | 22 8 | 0 4 | 8 54 | 1 41 | 21 21 | 8 33 | 21 56 | 21 44 | 21 50 | 7 15 | 7 3 |
| F 14 | 23 12 | 21 13 | 2 6 | 24 0 | 1 42 | 11 42 | 2 33 | 0 17 | 2 12 | 20 4 | 0 15 | 19 47 | 0 23 | 22 9 | 0 4 | 8 54 | 1 41 | 21 21 | 8 33 | 21 57 | 21 45 | 21 50 | 7 15 | 7 4 |
| S 15 | 23 15 | 22 5 | 1 4 | 23 44 | 1 35 | 11 56 | 2 36 | 0 1 | 2 12 | 20 6 | 0 15 | 19 46 | 0 23 | 22 9 | 0 4 | 8 54 | 1 41 | 21 20 | 8 33 | 21 57 | 21 45 | 21 50 | 7 15 | 7 4 |
| S 16 | 23 17 | 21 57 | 0n 1 | 23 27 | 1 27 | 12 10 | 2 39 | 0n15 | 2 13 | 20 7 | 0 15 | 19 44 | 0 23 | 22 10 | 0 4 | 8 54 | 1 41 | 21 20 | 8 32 | 21 57 | 21 46 | 21 50 | 7 15 | 7 4 |
| M17 | 23 19 | 20 50 | 1 5 | 23 9 | 1 18 | 12 24 | 2 42 | 0 31 | 2 14 | 20 8 | 0 15 | 19 43 | 0 23 | 22 10 | 0 4 | 8 53 | 1 40 | 21 19 | 8 32 | 21 57 | 21 46 | 21 50 | 7 15 | 7 5 |
| T 18 | 23 21 | 18 49 | 2 7 | 22 51 | 1 9 | 12 38 | 2 44 | 0 47 | 2 15 | 20 9 | 0 15 | 19 41 | 0 23 | 22 11 | 0 4 | 8 53 | 1 40 | 21 19 | 8 32 | 21 57 | 21 47 | 21 50 | 7 15 | 7 5 |
| W19 | 23 22 | 16 0 | 3 4 | 22 32 | 0 59 | 12 53 | 2 46 | 1 3 | 2 15 | 20 11 | 0 16 | 19 40 | 0 23 | 22 11 | 0 4 | 8 53 | 1 40 | 21 18 | 8 32 | 21 57 | 21 47 | 21 49 | 7 15 | 7 5 |
| T 20 | 23 23 | 12 28 | 3 54 | 22 13 | 0 48 | 13 7 | 2 48 | 1 19 | 2 16 | 20 12 | 0 16 | 19 38 | 0 23 | 22 11 | 0 4 | 8 53 | 1 40 | 21 18 | 8 32 | 21 57 | 21 48 | 21 49 | 7 15 | 7 6 |
| F 21 | 23 23 | 8 22 | 4 33 | 21 53 | 0 37 | 13 22 | 2 50 | 1 35 | 2 17 | 20 13 | 0 16 | 19 37 | 0 23 | 22 12 | 0 4 | 8 53 | 1 40 | 21 17 | 8 32 | 21 56 | 21 48 | 21 49 | 7 15 | 7 6 |
| S 22 | 23 23 | 3 50 | 5 1 | 21 34 | 0 25 | 13 36 | 2 52 | 1 50 | 2 17 | 20 15 | 0 16 | 19 35 | 0 23 | 22 12 | 0 4 | 8 53 | 1 40 | 21 17 | 8 32 | 21 56 | 21 49 | 21 49 | 7 15 | 7 7 |
| S 23 | 23 22 | 0s59 | 5 15 | 21 14 | 0 12 | 13 51 | 2 54 | 2 6 | 2 18 | 20 16 | 0 16 | 19 33 | 0 24 | 22 13 | 0 4 | 8 52 | 1 40 | 21 16 | 8 32 | 21 56 | 21 49 | 21 49 | 7 15 | 7 7 |
| M24 | 23 21 | 5 56 | 5 13 | 20 54 | 0s 1 | 14 6 | 2 55 | 2 22 | 2 19 | 20 17 | 0 16 | 19 32 | 0 24 | 22 13 | 0 4 | 8 52 | 1 40 | 21 16 | 8 31 | 21 57 | 21 50 | 21 49 | 7 16 | 7 7 |
| T 25 | 23 20 | 10 44 | 4 53 | 20 35 | 0 15 | 14 20 | 2 56 | 2 37 | 2 19 | 20 19 | 0 17 | 19 30 | 0 24 | 22 14 | 0 4 | 8 52 | 1 40 | 21 15 | 8 31 | 21 57 | 21 50 | 21 49 | 7 16 | 7 8 |
| W26 | 23 18 | 15 8 | 4 14 | 20 15 | 0 29 | 14 35 | 2 57 | 2 53 | 2 20 | 20 20 | 0 17 | 19 29 | 0 24 | 22 14 | 0 4 | 8 52 | 1 40 | 21 15 | 8 31 | 21 57 | 21 51 | 21 49 | 7 16 | 7 8 |
| T 27 | 23 16 | 18 44 | 3 18 | 19 56 | 0 44 | 14 50 | 2 58 | 3 8 | 2 21 | 20 22 | 0 17 | 19 27 | 0 24 | 22 14 | 0 4 | 8 52 | 1 40 | 21 14 | 8 31 | 21 57 | 21 51 | 21 49 | 7 16 | 7 8 |
| F 28 | 23 13 | 21 11 | 2 8 | 19 37 | 0 59 | 15 4 | 2 59 | 3 24 | 2 21 | 20 23 | 0 17 | 19 25 | 0 24 | 22 15 | 0 3 | 8 52 | 1 40 | 21 13 | 8 31 | 21 58 | 21 52 | 21 48 | 7 17 | 7 9 |
| S 29 | 23 10 | 22 8 | 0 48 | 19 19 | 1 15 | 15 19 | 2 59 | 3 39 | 2 22 | 20 25 | 0 17 | 19 24 | 0 24 | 22 15 | 0 3 | 8 52 | 1 40 | 21 13 | 8 31 | 21 58 | 21 52 | 21 48 | 7 17 | 7 9 |
| S 30 | 23n 6 | 21s28 | 0s36 | 19n 1 | 1s31 | 15n33 | 3s 0 | 3n54 | 2s22 | 20s26 | 0s17 | 19n22 | 0n24 | 22n16 | 0s 3 | 8s52 | 1n40 | 21n12 | 8n31 | 21n58 | 21n52 | 21n48 | 7s17 | 7n 9 |

Julian Day Number = 2614959.5, Delta T = 11m03s
Ecliptic obliquity = 23°22'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'45, Lahiri = 30°06'46


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## JULY 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 18 36 26 | 9♋28'47 | 11♒ 8 | 28♋ 7 | 23♉55 | 16♈12 | 29°R37 | 5♌ 5 | 13♊12 | 27°R 6 | 24♌54 | 19♋33 | 20♋ 5 | 21♋26 | 22°R11 | M 1 |
| T 2 | 18 40 23 | 10°26'02 | 25°55 | 28°R 9 | 24°55 | 16°53 | 29♑30 | 5°13 | 13°15 | 27♎ 6 | 24°55 | 19°33 | 20° 2 | 21°32 | 22♒ 9 | T 2 |
| W 3 | 18 44 19 | 11°23'16 | 10♓21 | 28° 6 | 25°56 | 17°34 | 29°23 | 5°20 | 13°18 | 27° 6 | 24°57 | 19°34 | 19°58 | 21°39 | 22° 7 | W 3 |
| T 4 | 18 48 16 | 12°20'30 | 24°23 | 27°58 | 26°56 | 18°15 | 29°16 | 5°27 | 13°21 | 27° 5 | 24°58 | 19°35 | 19°55 | 21°46 | 22° 5 | T 4 |
| F 5 | 18 52 12 | 13°17'44 | 8♈ 1 | 27°46 | 27°57 | 18°56 | 29° 9 | 5°35 | 13°25 | 27° 5 | 24°59 | 19°R35 | 19°52 | 21°52 | 22° 2 | F 5 |
| S 6 | 18 56 9 | 14°14'58 | 21°14 | 27°30 | 28°59 | 19°36 | 29° 2 | 5°42 | 13°28 | 27° 5 | 25° 1 | 19°35 | 19°49 | 21°59 | 22° 0 | S 6 |
| S 7 | 19 0 5 | 15°12'13 | 4♉ 7 | 27° 9 | 0♊ 0 | 20°17 | 28°55 | 5°50 | 13°31 | 27° 5 | 25° 2 | 19°35 | 19°46 | 22° 6 | 21°58 | S 7 |
| M 8 | 19 4 2 | 16° 9'27 | 16°40 | 26°46 | 1° 2 | 20°57 | 28°47 | 5°57 | 13°34 | 27° 5 | 25° 4 | 19°34 | 19°43 | 22°12 | 21°55 | M 8 |
| T 9 | 19 7 58 | 17° 6'42 | 28°59 | 26°18 | 2° 4 | 21°37 | 28°40 | 6° 4 | 13°37 | 27°D 5 | 25° 5 | 19°34 | 19°39 | 22°19 | 21°53 | T 9 |
| W10 | 19 11 55 | 18° 3'57 | 11♊ 5 | 25°48 | 3° 7 | 22°17 | 28°32 | 6°12 | 13°40 | 27° 5 | 25° 7 | 19°34 | 19°36 | 22°26 | 21°50 | W10 |
| T 11 | 19 15 52 | 19° 1'11 | 23° 3 | 25°15 | 4° 9 | 22°57 | 28°25 | 6°20 | 13°43 | 27° 5 | 25° 9 | 19°34 | 19°33 | 22°32 | 21°47 | T 11 |
| F 12 | 19 19 48 | 19°58'26 | 4♋55 | 24°40 | 5°12 | 23°37 | 28°17 | 6°27 | 13°46 | 27° 5 | 25°10 | 19°D34 | 19°30 | 22°39 | 21°45 | F 12 |
| S 13 | 19 23 45 | 20°55'41 | 16°43 | 24° 4 | 6°16 | 24°17 | 28°10 | 6°35 | 13°49 | 27° 5 | 25°12 | 19°R34 | 19°27 | 22°46 | 21°42 | S 13 |
| S 14 | 19 27 41 | 21°52'56 | 28°30 | 23°26 | 7°19 | 24°57 | 28° 2 | 6°42 | 13°52 | 27° 6 | 25°13 | 19°34 | 19°23 | 22°52 | 21°39 | S 14 |
| M15 | 19 31 38 | 22°50'11 | 10♌18 | 22°49 | 8°23 | 25°36 | 27°55 | 6°50 | 13°55 | 27° 6 | 25°15 | 19°34 | 19°20 | 22°59 | 21°37 | M15 |
| T 16 | 19 35 34 | 23°47'26 | 22° 9 | 22°11 | 9°26 | 26°15 | 27°47 | 6°57 | 13°58 | 27° 6 | 25°16 | 19°33 | 19°17 | 23° 5 | 21°34 | T 16 |
| W17 | 19 39 31 | 24°44'41 | 4♍ 7 | 21°35 | 10°30 | 26°54 | 27°39 | 7° 5 | 14° 1 | 27° 6 | 25°18 | 19°33 | 19°14 | 23°12 | 21°31 | W17 |
| T 18 | 19 43 28 | 25°41'55 | 16°13 | 21° 1 | 11°35 | 27°33 | 27°31 | 7°13 | 14° 3 | 27° 7 | 25°20 | 19°32 | 19°11 | 23°19 | 21°28 | T 18 |
| F 19 | 19 47 24 | 26°39'10 | 28°32 | 20°29 | 12°39 | 28°12 | 27°24 | 7°20 | 14° 6 | 27° 7 | 25°21 | 19°31 | 19° 8 | 23°25 | 21°25 | F 19 |
| S 20 | 19 51 21 | 27°36'25 | 11♎ 6 | 19°59 | 13°44 | 28°51 | 27°16 | 7°28 | 14° 9 | 27° 7 | 25°23 | 19°30 | 19° 4 | 23°32 | 21°22 | S 20 |
| S 21 | 19 55 17 | 28°33'39 | 23°58 | 19°34 | 14°49 | 29°29 | 27° 8 | 7°36 | 14°12 | 27° 8 | 25°25 | 19°D30 | 19° 1 | 23°39 | 21°19 | S 21 |
| M22 | 19 59 14 | 29°30'54 | 7♏12 | 19°12 | 15°54 | 0♉ 8 | 27° 1 | 7°44 | 14°15 | 27° 8 | 25°26 | 19°30 | 18°58 | 23°45 | 21°16 | M22 |
| T 23 | 20 3 10 | 0♌28'09 | 20°51 | 18°54 | 16°59 | 0°46 | 26°53 | 7°51 | 14°17 | 27° 8 | 25°28 | 19°31 | 18°55 | 23°52 | 21°13 | T 23 |
| W24 | 20 7 7 | 1°25'24 | 4♐54 | 18°41 | 18° 4 | 1°24 | 26°45 | 7°59 | 14°20 | 27° 9 | 25°30 | 19°32 | 18°52 | 23°59 | 21°10 | W24 |
| T 25 | 20 11 3 | 2°22'39 | 19°22 | 18°33 | 19°10 | 2° 2 | 26°37 | 8° 7 | 14°22 | 27° 9 | 25°32 | 19°32 | 18°49 | 24° 5 | 21° 7 | T 25 |
| F 26 | 20 15 0 | 3°19'54 | 4♑10 | 18°D30 | 20°15 | 2°39 | 26°30 | 8°15 | 14°25 | 27°10 | 25°33 | 19°33 | 18°45 | 24°12 | 21° 4 | F 26 |
| S 27 | 20 18 57 | 4°17'09 | 19°14 | 18°33 | 21°21 | 3°17 | 26°22 | 8°22 | 14°28 | 27°11 | 25°35 | 19°R34 | 18°42 | 24°19 | 21° 1 | S 27 |
| S 28 | 20 22 53 | 5°14'25 | 4♒25 | 18°41 | 22°27 | 3°54 | 26°15 | 8°30 | 14°30 | 27°11 | 25°37 | 19°33 | 18°39 | 24°25 | 20°58 | S 28 |
| M29 | 20 26 50 | 6°11'41 | 19°34 | 18°55 | 23°34 | 4°31 | 26° 7 | 8°38 | 14°33 | 27°12 | 25°39 | 19°32 | 18°36 | 24°32 | 20°54 | M29 |
| T 30 | 20 30 46 | 7° 8'58 | 4♓31 | 19°14 | 24°40 | 5° 8 | 26° 0 | 8°46 | 14°35 | 27°13 | 25°40 | 19°30 | 18°33 | 24°38 | 20°51 | T 30 |
| W31 | 20 34 43 | 8♌ 6'15 | 19♓ 9 | 19♋40 | 25♊47 | 5♉45 | 25♑52 | 8♌53 | 14♊37 | 27♎13 | 25♌42 | 19♋28 | 18♋29 | 24♋45 | 20♒48 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 3 | 19s16 | 1s57 | 18n44 | 1s47 | 15n48 | 3s 0 | 4n 9 | 2s23 | 20s28 | 0s18 | 19n20 | 0n24 | 22n16 | 0s 3 | 8s52 | 1n40 | 21n12 | 8n31 | 21n58 | 21n53 | 21n48 | 7s18 | 7n10 |
| T 2 | 22 58 | 15 48 | 3 9 | 18 28 | 2 3 | 16 2 | 3 0 | 4 25 | 2 24 | 20 30 | 0 18 | 19 19 | 0 24 | 22 17 | 0 3 | 8 52 | 1 40 | 21 11 | 8 31 | 21 58 | 21 53 | 21 48 | 7 18 | 7 10 |
| W 3 | 22 54 | 11 28 | 4 6 | 18 13 | 2 19 | 16 16 | 3 0 | 4 40 | 2 24 | 20 31 | 0 18 | 19 17 | 0 24 | 22 17 | 0 3 | 8 52 | 1 40 | 21 11 | 8 31 | 21 57 | 21 54 | 21 48 | 7 18 | 7 10 |
| T 4 | 22 49 | 6 37 | 4 48 | 17 59 | 2 35 | 16 30 | 3 0 | 4 55 | 2 25 | 20 33 | 0 18 | 19 15 | 0 24 | 22 17 | 0 3 | 8 52 | 1 40 | 21 10 | 8 30 | 21 57 | 21 54 | 21 47 | 7 19 | 7 11 |
| F 5 | 22 43 | 1 36 | 5 11 | 17 46 | 2 51 | 16 44 | 3 0 | 5 9 | 2 25 | 20 34 | 0 18 | 19 13 | 0 24 | 22 18 | 0 3 | 8 52 | 1 40 | 21 9 | 8 30 | 21 57 | 21 55 | 21 47 | 7 19 | 7 11 |
| S 6 | 22 37 | 3n21 | 5 18 | 17 33 | 3 7 | 16 58 | 2 59 | 5 24 | 2 26 | 20 36 | 0 18 | 19 12 | 0 24 | 22 18 | 0 3 | 8 52 | 1 40 | 21 9 | 8 30 | 21 57 | 21 55 | 21 47 | 7 20 | 7 11 |
| S 7 | 22 31 | 8 2 | 5 8 | 17 22 | 3 22 | 17 11 | 2 59 | 5 39 | 2 26 | 20 38 | 0 18 | 19 10 | 0 25 | 22 19 | 0 3 | 8 52 | 1 40 | 21 8 | 8 30 | 21 57 | 21 56 | 21 47 | 7 20 | 7 11 |
| M 8 | 22 24 | 12 15 | 4 43 | 17 13 | 3 36 | 17 24 | 2 58 | 5 53 | 2 27 | 20 39 | 0 19 | 19 8 | 0 25 | 22 19 | 0 3 | 8 52 | 1 39 | 21 8 | 8 30 | 21 57 | 21 56 | 21 47 | 7 21 | 7 12 |
| T 9 | 22 17 | 15 53 | 4 6 | 17 4 | 3 50 | 17 37 | 2 58 | 6 8 | 2 27 | 20 41 | 0 19 | 19 6 | 0 25 | 22 19 | 0 3 | 8 52 | 1 39 | 21 7 | 8 30 | 21 57 | 21 57 | 21 46 | 7 21 | 7 12 |
| W10 | 22 10 | 18 47 | 3 18 | 16 57 | 4 3 | 17 50 | 2 57 | 6 22 | 2 28 | 20 43 | 0 19 | 19 5 | 0 25 | 22 20 | 0 3 | 8 52 | 1 39 | 21 6 | 8 30 | 21 57 | 21 57 | 21 46 | 7 22 | 7 12 |
| T 11 | 22 2 | 20 50 | 2 22 | 16 52 | 4 14 | 18 3 | 2 56 | 6 37 | 2 28 | 20 44 | 0 19 | 19 3 | 0 25 | 22 20 | 0 3 | 8 52 | 1 39 | 21 6 | 8 30 | 21 57 | 21 58 | 21 46 | 7 22 | 7 13 |
| F 12 | 21 54 | 21 57 | 1 21 | 16 48 | 4 25 | 18 15 | 2 55 | 6 51 | 2 29 | 20 46 | 0 19 | 19 1 | 0 25 | 22 20 | 0 3 | 8 52 | 1 39 | 21 5 | 8 30 | 21 57 | 21 58 | 21 46 | 7 23 | 7 13 |
| S 13 | 21 45 | 22 5 | 0 16 | 16 45 | 4 34 | 18 27 | 2 53 | 7 5 | 2 29 | 20 48 | 0 19 | 18 59 | 0 25 | 22 21 | 0 3 | 8 52 | 1 39 | 21 5 | 8 30 | 21 57 | 21 58 | 21 46 | 7 24 | 7 13 |
| S 14 | 21 36 | 21 13 | 0n49 | 16 43 | 4 42 | 18 39 | 2 52 | 7 19 | 2 29 | 20 49 | 0 20 | 18 57 | 0 25 | 22 21 | 0 3 | 8 52 | 1 39 | 21 4 | 8 30 | 21 57 | 21 59 | 21 45 | 7 24 | 7 13 |
| M15 | 21 27 | 19 26 | 1 53 | 16 43 | 4 48 | 18 50 | 2 51 | 7 33 | 2 30 | 20 51 | 0 20 | 18 55 | 0 25 | 22 21 | 0 3 | 8 52 | 1 39 | 21 3 | 8 30 | 21 57 | 21 59 | 21 45 | 7 25 | 7 13 |
| T 16 | 21 17 | 16 48 | 2 51 | 16 45 | 4 52 | 19 1 | 2 49 | 7 46 | 2 30 | 20 53 | 0 20 | 18 54 | 0 25 | 22 22 | 0 3 | 8 52 | 1 39 | 21 3 | 8 30 | 21 58 | 22 0 | 21 45 | 7 26 | 7 14 |
| W17 | 21 7 | 13 26 | 3 43 | 16 47 | 4 55 | 19 12 | 2 48 | 8 0 | 2 31 | 20 54 | 0 20 | 18 52 | 0 25 | 22 22 | 0 3 | 8 53 | 1 39 | 21 2 | 8 30 | 21 58 | 22 0 | 21 45 | 7 26 | 7 14 |
| T 18 | 20 57 | 9 30 | 4 26 | 16 51 | 4 57 | 19 23 | 2 46 | 8 14 | 2 31 | 20 56 | 0 20 | 18 50 | 0 25 | 22 23 | 0 3 | 8 53 | 1 39 | 21 2 | 8 30 | 21 58 | 22 1 | 21 44 | 7 27 | 7 14 |
| F 19 | 20 46 | 5 7 | 4 56 | 16 56 | 4 56 | 19 33 | 2 44 | 8 27 | 2 31 | 20 58 | 0 20 | 18 48 | 0 25 | 22 23 | 0 3 | 8 53 | 1 39 | 21 1 | 8 29 | 21 58 | 22 1 | 21 44 | 7 28 | 7 14 |
| S 20 | 20 35 | 0 26 | 5 14 | 17 2 | 4 55 | 19 43 | 2 42 | 8 40 | 2 32 | 20 59 | 0 20 | 18 46 | 0 25 | 22 23 | 0 3 | 8 53 | 1 39 | 21 0 | 8 29 | 21 58 | 22 2 | 21 44 | 7 28 | 7 14 |
| S 21 | 20 24 | 4s22 | 5 16 | 17 9 | 4 51 | 19 52 | 2 40 | 8 54 | 2 32 | 21 1 | 0 20 | 18 44 | 0 26 | 22 24 | 0 3 | 8 53 | 1 39 | 21 0 | 8 29 | 21 58 | 22 2 | 21 44 | 7 29 | 7 15 |
| M22 | 20 12 | 9 7 | 5 2 | 17 17 | 4 46 | 20 1 | 2 38 | 9 7 | 2 32 | 21 3 | 0 21 | 18 42 | 0 26 | 22 24 | 0 3 | 8 53 | 1 39 | 20 59 | 8 29 | 21 58 | 22 3 | 21 43 | 7 30 | 7 15 |
| T 23 | 20 0 | 13 33 | 4 31 | 17 26 | 4 40 | 20 10 | 2 36 | 9 19 | 2 33 | 21 4 | 0 21 | 18 40 | 0 26 | 22 24 | 0 3 | 8 54 | 1 39 | 20 59 | 8 29 | 21 58 | 22 3 | 21 43 | 7 31 | 7 15 |
| W24 | 19 48 | 17 24 | 3 43 | 17 36 | 4 32 | 20 18 | 2 34 | 9 32 | 2 33 | 21 6 | 0 21 | 18 39 | 0 26 | 22 24 | 0 3 | 8 54 | 1 39 | 20 58 | 8 29 | 21 58 | 22 3 | 21 43 | 7 32 | 7 15 |
| T 25 | 19 35 | 20 18 | 2 40 | 17 46 | 4 23 | 20 26 | 2 31 | 9 45 | 2 33 | 21 7 | 0 21 | 18 37 | 0 26 | 22 25 | 0 3 | 8 54 | 1 39 | 20 57 | 8 29 | 21 58 | 22 4 | 21 42 | 7 32 | 7 15 |
| F 26 | 19 22 | 21 55 | 1 24 | 17 56 | 4 13 | 20 33 | 2 29 | 9 58 | 2 33 | 21 9 | 0 21 | 18 35 | 0 26 | 22 25 | 0 3 | 8 54 | 1 39 | 20 57 | 8 29 | 21 58 | 22 4 | 21 42 | 7 33 | 7 15 |
| S 27 | 19 8 | 21 58 | 0 2 | 18 7 | 4 2 | 20 40 | 2 26 | 10 10 | 2 34 | 21 10 | 0 21 | 18 33 | 0 26 | 22 25 | 0 3 | 8 55 | 1 38 | 20 56 | 8 29 | 21 57 | 22 5 | 21 42 | 7 34 | 7 15 |
| S 28 | 18 55 | 20 26 | 1s21 | 18 17 | 3 50 | 20 46 | 2 24 | 10 22 | 2 34 | 21 12 | 0 21 | 18 31 | 0 26 | 22 26 | 0 3 | 8 55 | 1 38 | 20 55 | 8 29 | 21 58 | 22 5 | 21 42 | 7 35 | 7 15 |
| M29 | 18 41 | 17 25 | 2 39 | 18 28 | 3 37 | 20 52 | 2 21 | 10 34 | 2 34 | 21 14 | 0 22 | 18 29 | 0 26 | 22 26 | 0 3 | 8 55 | 1 38 | 20 55 | 8 29 | 21 58 | 22 6 | 21 41 | 7 36 | 7 16 |
| T 30 | 18 26 | 13 18 | 3 44 | 18 39 | 3 24 | 20 58 | 2 19 | 10 47 | 2 34 | 21 15 | 0 22 | 18 27 | 0 26 | 22 26 | 0 3 | 8 55 | 1 38 | 20 54 | 8 29 | 21 58 | 22 6 | 21 41 | 7 37 | 7 16 |
| W31 | 18n12 | 8s28 | 4s33 | 18n49 | 3s10 | 21n 3 | 2s16 | 10n58 | 2s35 | 21s17 | 0s22 | 18n25 | 0n26 | 22n27 | 0s 3 | 8s56 | 1n38 | 20n54 | 8n29 | 21n58 | 22n 6 | 21n41 | 7s38 | 7n16 |

Julian Day Number = 2614989.5, Delta T = 11m03s
Ecliptic obliquity = 23°22'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'49, Lahiri = 30°06'50


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## AUGUST 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 20 38 39 | 9♌ 3'33 | 3♈22 | 20♋11 | 26♊53 | 6♉21 | 25°R45 | 9♌ 1 | 14♊40 | 27♎14 | 25♌44 | 19°R26 | 18♋26 | 24♋52 | 20°R45 | T 1 |
| F 2 | 20 42 36 | 10° 0'52 | 17° 8 | 20°49 | 28° 0 | 6°58 | 25♑38 | 9° 9 | 14°42 | 27°15 | 25°46 | 19♋24 | 18°23 | 24°58 | 20♒41 | F 2 |
| S 3 | 20 46 32 | 10°58'12 | 0♉26 | 21°32 | 29° 7 | 7°34 | 25°30 | 9°17 | 14°45 | 27°16 | 25°48 | 19°22 | 18°20 | 25° 5 | 20°38 | S 3 |
| S 4 | 20 50 29 | 11°55'33 | 13°19 | 22°20 | 0♋15 | 8°10 | 25°23 | 9°24 | 14°47 | 27°16 | 25°49 | 19°D22 | 18°17 | 25°12 | 20°35 | S 4 |
| M 5 | 20 54 26 | 12°52'55 | 25°51 | 23°15 | 1°22 | 8°45 | 25°16 | 9°32 | 14°49 | 27°17 | 25°51 | 19°22 | 18°14 | 25°18 | 20°31 | M 5 |
| T 6 | 20 58 22 | 13°50'18 | 8♊ 4 | 24°15 | 2°29 | 9°21 | 25° 9 | 9°40 | 14°51 | 27°18 | 25°53 | 19°24 | 18°10 | 25°25 | 20°28 | T 6 |
| W 7 | 21 2 19 | 14°47'42 | 20° 5 | 25°20 | 3°37 | 9°56 | 25° 2 | 9°48 | 14°53 | 27°19 | 25°55 | 19°25 | 18° 7 | 25°32 | 20°25 | W 7 |
| T 8 | 21 6 15 | 15°45'06 | 1♋57 | 26°31 | 4°45 | 10°31 | 24°55 | 9°55 | 14°55 | 27°20 | 25°57 | 19°27 | 18° 4 | 25°38 | 20°22 | T 8 |
| F 9 | 21 10 12 | 16°42'32 | 13°44 | 27°47 | 5°53 | 11° 6 | 24°49 | 10° 3 | 14°58 | 27°21 | 25°59 | 19°R28 | 18° 1 | 25°45 | 20°18 | F 9 |
| S 10 | 21 14 8 | 17°39'59 | 25°31 | 29° 8 | 7° 1 | 11°40 | 24°42 | 10°11 | 15° 0 | 27°22 | 26° 0 | 19°28 | 17°58 | 25°52 | 20°15 | S 10 |
| S 11 | 21 18 5 | 18°37'27 | 7♌19 | 0♌34 | 8° 9 | 12°14 | 24°36 | 10°19 | 15° 2 | 27°23 | 26° 2 | 19°27 | 17°55 | 25°58 | 20°11 | S 11 |
| M12 | 21 22 1 | 19°34'56 | 19°12 | 2° 5 | 9°17 | 12°48 | 24°29 | 10°26 | 15° 3 | 27°24 | 26° 4 | 19°24 | 17°51 | 26° 5 | 20° 8 | M12 |
| T 13 | 21 25 58 | 20°32'26 | 1♍12 | 3°40 | 10°25 | 13°22 | 24°23 | 10°34 | 15° 5 | 27°25 | 26° 6 | 19°20 | 17°48 | 26°12 | 20° 5 | T 13 |
| W14 | 21 29 55 | 21°29'56 | 13°20 | 5°19 | 11°34 | 13°55 | 24°17 | 10°42 | 15° 7 | 27°26 | 26° 8 | 19°14 | 17°45 | 26°18 | 20° 1 | W14 |
| T 15 | 21 33 51 | 22°27'28 | 25°37 | 7° 3 | 12°43 | 14°28 | 24°11 | 10°49 | 15° 9 | 27°27 | 26°10 | 19° 9 | 17°42 | 26°25 | 19°58 | T 15 |
| F 16 | 21 37 48 | 23°25'00 | 8♎ 6 | 8°49 | 13°51 | 15° 1 | 24° 5 | 10°57 | 15°11 | 27°29 | 26°12 | 19° 3 | 17°39 | 26°31 | 19°55 | F 16 |
| S 17 | 21 41 44 | 24°22'33 | 20°49 | 10°39 | 15° 0 | 15°33 | 23°59 | 11° 5 | 15°13 | 27°30 | 26°13 | 18°58 | 17°35 | 26°38 | 19°51 | S 17 |
| S 18 | 21 45 41 | 25°20'07 | 3♏46 | 12°32 | 16° 9 | 16° 6 | 23°54 | 11°12 | 15°14 | 27°31 | 26°15 | 18°55 | 17°32 | 26°45 | 19°48 | S 18 |
| M19 | 21 49 37 | 26°17'42 | 17° 0 | 14°27 | 17°18 | 16°37 | 23°48 | 11°20 | 15°16 | 27°32 | 26°17 | 18°53 | 17°29 | 26°51 | 19°45 | M19 |
| T 20 | 21 53 34 | 27°15'18 | 0♐32 | 16°24 | 18°27 | 17° 9 | 23°43 | 11°28 | 15°17 | 27°34 | 26°19 | 18°D53 | 17°26 | 26°58 | 19°41 | T 20 |
| W21 | 21 57 30 | 28°12'54 | 14°25 | 18°22 | 19°37 | 17°40 | 23°38 | 11°35 | 15°19 | 27°35 | 26°21 | 18°54 | 17°23 | 27° 5 | 19°38 | W21 |
| T 22 | 22 1 27 | 29°10'32 | 28°37 | 20°22 | 20°46 | 18°11 | 23°33 | 11°43 | 15°21 | 27°36 | 26°23 | 18°55 | 17°20 | 27°11 | 19°35 | T 22 |
| F 23 | 22 5 24 | 0♑ 8'11 | 13♑ 9 | 22°23 | 21°56 | 18°42 | 23°28 | 11°50 | 15°22 | 27°38 | 26°25 | 18°R56 | 17°16 | 27°18 | 19°32 | F 23 |
| S 24 | 22 9 20 | 1° 5'50 | 27°56 | 24°25 | 23° 5 | 19°12 | 23°23 | 11°58 | 15°23 | 27°39 | 26°26 | 18°56 | 17°13 | 27°25 | 19°28 | S 24 |
| S 25 | 22 13 17 | 2° 3'31 | 12♒54 | 26°27 | 24°15 | 19°42 | 23°18 | 12° 5 | 15°25 | 27°40 | 26°28 | 18°54 | 17°10 | 27°31 | 19°25 | S 25 |
| M26 | 22 17 13 | 3° 1'12 | 27°54 | 28°28 | 25°25 | 20°11 | 23°14 | 12°13 | 15°26 | 27°42 | 26°30 | 18°50 | 17° 7 | 27°38 | 19°22 | M26 |
| T 27 | 22 21 10 | 3°58'55 | 12♓47 | 0♑30 | 26°35 | 20°40 | 23°10 | 12°20 | 15°27 | 27°43 | 26°32 | 18°44 | 17° 4 | 27°45 | 19°19 | T 27 |
| W28 | 22 25 6 | 4°56'39 | 27°26 | 2°31 | 27°45 | 21° 9 | 23° 6 | 12°27 | 15°29 | 27°45 | 26°34 | 18°37 | 17° 0 | 27°51 | 19°16 | W28 |
| T 29 | 22 29 3 | 5°54'25 | 11♈43 | 4°31 | 28°55 | 21°38 | 23° 2 | 12°35 | 15°30 | 27°46 | 26°36 | 18°30 | 16°57 | 27°58 | 19°12 | T 29 |
| F 30 | 22 32 59 | 6°52'12 | 25°33 | 6°31 | 0♌ 5 | 22° 6 | 22°58 | 12°42 | 15°31 | 27°48 | 26°38 | 18°23 | 16°54 | 28° 4 | 19° 9 | F 30 |
| S 31 | 22 36 56 | 7♑50'01 | 8♉56 | 8♑30 | 1♌16 | 22♉33 | 22♑55 | 12♌49 | 15♊32 | 27♎49 | 26♌39 | 18♋18 | 16♋51 | 28♋11 | 19♒ 6 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n57 | 3s18 | 5s 4 | 18n59 | 2s55 | 21n 8 | 2s13 | 11n10 | 2s35 | 21s18 | 0s22 | 18n23 | 0n26 | 22n27 | 0s 3 | 8s56 | 1n38 | 20n53 | 8n29 | 21n59 | 22n 7 | 21n40 | 7s39 | 7n16 |
| F 2 | 17 42 | 1n51 | 5 16 | 19 8 | 2 40 | 21 12 | 2 10 | 11 22 | 2 35 | 21 20 | 0 22 | 18 21 | 0 27 | 22 27 | 0 3 | 8 56 | 1 38 | 20 52 | 8 29 | 21 59 | 22 7 | 21 40 | 7 40 | 7 16 |
| S 3 | 17 26 | 6 45 | 5 10 | 19 16 | 2 25 | 21 15 | 2 7 | 11 33 | 2 35 | 21 21 | 0 22 | 18 19 | 0 27 | 22 27 | 0 3 | 8 57 | 1 38 | 20 52 | 8 29 | 21 59 | 22 8 | 21 40 | 7 41 | 7 16 |
| S 4 | 17 10 | 11 12 | 4 49 | 19 24 | 2 10 | 21 18 | 2 4 | 11 45 | 2 35 | 21 22 | 0 22 | 18 17 | 0 27 | 22 28 | 0 3 | 8 57 | 1 38 | 20 51 | 8 29 | 21 59 | 22 8 | 21 39 | 7 42 | 7 16 |
| M 5 | 16 54 | 15 3 | 4 14 | 19 30 | 1 55 | 21 21 | 2 1 | 11 56 | 2 35 | 21 24 | 0 22 | 18 15 | 0 27 | 22 28 | 0 3 | 8 57 | 1 38 | 20 50 | 8 29 | 21 59 | 22 9 | 21 39 | 7 43 | 7 16 |
| T 6 | 16 38 | 18 10 | 3 29 | 19 35 | 1 39 | 21 23 | 1 58 | 12 7 | 2 35 | 21 25 | 0 22 | 18 13 | 0 27 | 22 28 | 0 3 | 8 58 | 1 38 | 20 50 | 8 29 | 21 59 | 22 9 | 21 39 | 7 44 | 7 16 |
| W 7 | 16 21 | 20 26 | 2 35 | 19 39 | 1 24 | 21 25 | 1 55 | 12 18 | 2 35 | 21 27 | 0 23 | 18 11 | 0 27 | 22 28 | 0 3 | 8 58 | 1 38 | 20 49 | 8 29 | 21 59 | 22 9 | 21 38 | 7 45 | 7 16 |
| T 8 | 16 5 | 21 47 | 1 35 | 19 40 | 1 9 | 21 26 | 1 52 | 12 29 | 2 35 | 21 28 | 0 23 | 18 9 | 0 27 | 22 29 | 0 3 | 8 58 | 1 38 | 20 49 | 8 29 | 21 58 | 22 10 | 21 38 | 7 46 | 7 16 |
| F 9 | 15 47 | 22 9 | 0 31 | 19 40 | 0 54 | 21 26 | 1 49 | 12 39 | 2 35 | 21 29 | 0 23 | 18 7 | 0 27 | 22 29 | 0 3 | 8 59 | 1 38 | 20 48 | 8 29 | 21 58 | 22 10 | 21 37 | 7 47 | 7 16 |
| S 10 | 15 30 | 21 32 | 0n33 | 19 38 | 0 39 | 21 26 | 1 46 | 12 50 | 2 35 | 21 30 | 0 23 | 18 5 | 0 27 | 22 29 | 0 3 | 8 59 | 1 38 | 20 47 | 8 29 | 21 58 | 22 11 | 21 37 | 7 48 | 7 16 |
| S 11 | 15 12 | 19 57 | 1 36 | 19 34 | 0 25 | 21 26 | 1 43 | 13 0 | 2 35 | 21 32 | 0 23 | 18 3 | 0 27 | 22 29 | 0 3 | 9 0 | 1 38 | 20 47 | 8 29 | 21 58 | 22 11 | 21 37 | 7 49 | 7 16 |
| M12 | 14 55 | 17 30 | 2 36 | 19 28 | 0 12 | 21 24 | 1 39 | 13 11 | 2 35 | 21 33 | 0 23 | 18 1 | 0 27 | 22 30 | 0 3 | 9 0 | 1 38 | 20 46 | 8 29 | 21 59 | 22 12 | 21 36 | 7 50 | 7 16 |
| T 13 | 14 36 | 14 16 | 3 29 | 19 19 | 0n 2 | 21 23 | 1 36 | 13 21 | 2 35 | 21 34 | 0 23 | 17 59 | 0 28 | 22 30 | 0 3 | 9 1 | 1 38 | 20 46 | 8 29 | 21 59 | 22 12 | 21 36 | 7 51 | 7 16 |
| W14 | 14 18 | 10 26 | 4 13 | 19 7 | 0 14 | 21 20 | 1 33 | 13 31 | 2 35 | 21 35 | 0 23 | 17 57 | 0 28 | 22 30 | 0 3 | 9 1 | 1 38 | 20 45 | 8 30 | 22 0 | 22 12 | 21 36 | 7 52 | 7 16 |
| T 15 | 14 0 | 6 7 | 4 46 | 18 53 | 0 26 | 21 18 | 1 29 | 13 40 | 2 35 | 21 36 | 0 23 | 17 55 | 0 28 | 22 30 | 0 3 | 9 1 | 1 38 | 20 44 | 8 30 | 22 1 | 22 13 | 21 35 | 7 53 | 7 16 |
| F 16 | 13 41 | 1 29 | 5 6 | 18 36 | 0 37 | 21 14 | 1 26 | 13 50 | 2 35 | 21 38 | 0 23 | 17 53 | 0 28 | 22 30 | 0 3 | 9 2 | 1 38 | 20 44 | 8 30 | 22 2 | 22 13 | 21 35 | 7 54 | 7 16 |
| S 17 | 13 22 | 3s17 | 5 11 | 18 17 | 0 48 | 21 10 | 1 22 | 13 59 | 2 35 | 21 39 | 0 24 | 17 51 | 0 28 | 22 31 | 0 3 | 9 2 | 1 37 | 20 43 | 8 30 | 22 2 | 22 14 | 21 34 | 7 55 | 7 16 |
| S 18 | 13 3 | 8 1 | 5 1 | 17 55 | 0 57 | 21 6 | 1 19 | 14 9 | 2 35 | 21 40 | 0 24 | 17 49 | 0 28 | 22 31 | 0 3 | 9 3 | 1 37 | 20 43 | 8 30 | 22 3 | 22 14 | 21 34 | 7 56 | 7 15 |
| M19 | 12 43 | 12 28 | 4 35 | 17 31 | 1 6 | 21 1 | 1 16 | 14 18 | 2 34 | 21 41 | 0 24 | 17 47 | 0 28 | 22 31 | 0 3 | 9 3 | 1 37 | 20 42 | 8 30 | 22 3 | 22 14 | 21 34 | 7 57 | 7 15 |
| T 20 | 12 24 | 16 25 | 3 53 | 17 3 | 1 14 | 20 55 | 1 12 | 14 27 | 2 34 | 21 42 | 0 24 | 17 45 | 0 28 | 22 31 | 0 3 | 9 4 | 1 37 | 20 41 | 8 30 | 22 3 | 22 15 | 21 33 | 7 59 | 7 15 |
| W21 | 12 4 | 19 33 | 2 57 | 16 34 | 1 21 | 20 49 | 1 9 | 14 36 | 2 34 | 21 43 | 0 24 | 17 43 | 0 28 | 22 31 | 0 3 | 9 4 | 1 37 | 20 41 | 8 30 | 22 3 | 22 15 | 21 33 | 8 0 | 7 15 |
| T 22 | 11 44 | 21 34 | 1 48 | 16 2 | 1 27 | 20 42 | 1 5 | 14 44 | 2 34 | 21 44 | 0 24 | 17 41 | 0 28 | 22 32 | 0 3 | 9 5 | 1 37 | 20 40 | 8 30 | 22 3 | 22 16 | 21 32 | 8 1 | 7 15 |
| F 23 | 11 24 | 22 13 | 0 31 | 15 28 | 1 32 | 20 35 | 1 2 | 14 53 | 2 33 | 21 45 | 0 24 | 17 39 | 0 28 | 22 32 | 0 3 | 9 5 | 1 37 | 20 40 | 8 30 | 22 3 | 22 16 | 21 32 | 8 2 | 7 15 |
| S 24 | 11 3 | 21 19 | 0s49 | 14 52 | 1 36 | 20 27 | 0 58 | 15 1 | 2 33 | 21 45 | 0 24 | 17 37 | 0 29 | 22 32 | 0 3 | 9 6 | 1 37 | 20 39 | 8 30 | 22 3 | 22 16 | 21 31 | 8 3 | 7 15 |
| S 25 | 10 43 | 18 55 | 2 6 | 14 14 | 1 40 | 20 19 | 0 55 | 15 10 | 2 33 | 21 46 | 0 24 | 17 35 | 0 29 | 22 32 | 0 3 | 9 6 | 1 37 | 20 39 | 8 30 | 22 3 | 22 17 | 21 31 | 8 4 | 7 15 |
| M26 | 10 22 | 15 14 | 3 15 | 13 35 | 1 42 | 20 10 | 0 51 | 15 18 | 2 32 | 21 47 | 0 24 | 17 33 | 0 29 | 22 32 | 0 3 | 9 7 | 1 37 | 20 38 | 8 30 | 22 4 | 22 17 | 21 30 | 8 5 | 7 14 |
| T 27 | 10 1 | 10 36 | 4 10 | 12 54 | 1 44 | 20 0 | 0 48 | 15 26 | 2 32 | 21 48 | 0 24 | 17 31 | 0 29 | 22 32 | 0 3 | 9 8 | 1 37 | 20 37 | 8 31 | 22 4 | 22 18 | 21 30 | 8 6 | 7 14 |
| W28 | 9 40 | 5 25 | 4 48 | 12 11 | 1 45 | 19 50 | 0 44 | 15 34 | 2 32 | 21 49 | 0 24 | 17 29 | 0 29 | 22 32 | 0 3 | 9 8 | 1 37 | 20 37 | 8 31 | 22 5 | 22 18 | 21 29 | 8 8 | 7 14 |
| T 29 | 9 19 | 0 5 | 5 6 | 11 28 | 1 46 | 19 40 | 0 41 | 15 41 | 2 31 | 21 49 | 0 24 | 17 27 | 0 29 | 22 33 | 0 3 | 9 9 | 1 37 | 20 36 | 8 31 | 22 6 | 22 18 | 21 29 | 8 9 | 7 14 |
| F 30 | 8 58 | 5n 6 | 5 6 | 10 44 | 1 45 | 19 29 | 0 37 | 15 49 | 2 31 | 21 50 | 0 25 | 17 25 | 0 29 | 22 33 | 0 3 | 9 9 | 1 37 | 20 36 | 8 31 | 22 7 | 22 19 | 21 29 | 8 10 | 7 14 |
| S 31 | 8n37 | 9n53 | 4s49 | 9n59 | 1n44 | 19n17 | 0s34 | 15n56 | 2s30 | 21s51 | 0s25 | 17n23 | 0n29 | 22n33 | 0s 3 | 9s10 | 1n37 | 20n35 | 8n31 | 22n 8 | 22n19 | 21n28 | 8s11 | 7n13 |

Julian Day Number = 2615020.5, Delta T = 11m03s
Ecliptic obliquity = 23°22'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'54, Lahiri = 30°06'54


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## SEPTEMBER 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 40 52 | 8♍47'52 | 21♉53 | 10♍27 | 2♌26 | 23♉ 0 | 22°R51 | 12♌57 | 15♊33 | 27♎51 | 26♌41 | 18°R14 | 16♋48 | 28♋18 | 19°R 3 | S 1 |
| M 2 | 22 44 49 | 9°45'44 | 4♊25 | 12°24 | 3°37 | 23°27 | 22♏48 | 13° 4 | 15°34 | 27°53 | 26°43 | 18°D13 | 16°45 | 28°24 | 19♒ 0 | M 2 |
| T 3 | 22 48 46 | 10°43'38 | 16°39 | 14°20 | 4°47 | 23°53 | 22°45 | 13°11 | 15°35 | 27°54 | 26°45 | 18♋13 | 16°41 | 28°31 | 18°57 | T 3 |
| W 4 | 22 52 42 | 11°41'34 | 28°39 | 16°14 | 5°58 | 24°19 | 22°42 | 13°18 | 15°36 | 27°56 | 26°47 | 18°14 | 16°38 | 28°38 | 18°54 | W 4 |
| T 5 | 22 56 39 | 12°39'32 | 10♋29 | 18° 7 | 7° 9 | 24°45 | 22°40 | 13°26 | 15°37 | 27°58 | 26°48 | 18°15 | 16°35 | 28°44 | 18°51 | T 5 |
| F 6 | 23 0 35 | 13°37'31 | 22°16 | 19°59 | 8°20 | 25°10 | 22°37 | 13°33 | 15°37 | 27°59 | 26°50 | 18°R15 | 16°32 | 28°51 | 18°48 | F 6 |
| S 7 | 23 4 32 | 14°35'33 | 4♌ 4 | 21°50 | 9°31 | 25°34 | 22°35 | 13°40 | 15°38 | 28° 1 | 26°52 | 18°14 | 16°29 | 28°58 | 18°45 | S 7 |
| S 8 | 23 8 28 | 15°33'36 | 15°56 | 23°39 | 10°42 | 25°58 | 22°33 | 13°47 | 15°39 | 28° 3 | 26°54 | 18°10 | 16°26 | 29° 4 | 18°42 | S 8 |
| M 9 | 23 12 25 | 16°31'40 | 27°56 | 25°27 | 11°53 | 26°22 | 22°31 | 13°54 | 15°39 | 28° 4 | 26°56 | 18° 4 | 16°22 | 29°11 | 18°40 | M 9 |
| T 10 | 23 16 21 | 17°29'47 | 10♍ 7 | 27°14 | 13° 4 | 26°45 | 22°29 | 14° 1 | 15°40 | 28° 6 | 26°57 | 17°55 | 16°19 | 29°18 | 18°37 | T 10 |
| W11 | 23 20 18 | 18°27'55 | 22°29 | 29° 0 | 14°16 | 27° 7 | 22°28 | 14° 8 | 15°41 | 28° 8 | 26°59 | 17°45 | 16°16 | 29°24 | 18°34 | W11 |
| T 12 | 23 24 15 | 19°26'04 | 5♎ 3 | 0♎44 | 15°27 | 27°29 | 22°26 | 14°14 | 15°41 | 28°10 | 27° 1 | 17°34 | 16°13 | 29°31 | 18°31 | T 12 |
| F 13 | 23 28 11 | 20°24'15 | 17°49 | 2°27 | 16°39 | 27°51 | 22°25 | 14°21 | 15°42 | 28°12 | 27° 3 | 17°23 | 16°10 | 29°38 | 18°29 | F 13 |
| S 14 | 23 32 8 | 21°22'28 | 0♏48 | 4° 9 | 17°50 | 28°11 | 22°24 | 14°28 | 15°42 | 28°14 | 27° 4 | 17°13 | 16° 6 | 29°44 | 18°26 | S 14 |
| S 15 | 23 36 4 | 22°20'43 | 13°59 | 5°50 | 19° 2 | 28°32 | 22°23 | 14°35 | 15°42 | 28°15 | 27° 6 | 17° 6 | 16° 3 | 29°51 | 18°24 | S 15 |
| M16 | 23 40 1 | 23°18'58 | 27°22 | 7°30 | 20°14 | 28°51 | 22°23 | 14°41 | 15°42 | 28°17 | 27° 8 | 17° 0 | 16° 0 | 29°57 | 18°21 | M16 |
| T 17 | 23 43 57 | 24°17'16 | 10♐57 | 9° 8 | 21°26 | 29°10 | 22°22 | 14°48 | 15°43 | 28°19 | 27°10 | 16°58 | 15°57 | 0♌ 4 | 18°19 | T 17 |
| W18 | 23 47 54 | 25°15'35 | 24°45 | 10°45 | 22°38 | 29°29 | 22°D22 | 14°55 | 15°43 | 28°21 | 27°11 | 16°D57 | 15°54 | 0°11 | 18°16 | W18 |
| T 19 | 23 51 50 | 26°13'55 | 8♑47 | 12°22 | 23°50 | 29°47 | 22°22 | 15° 1 | 15°43 | 28°23 | 27°13 | 16°57 | 15°51 | 0°17 | 18°14 | T 19 |
| F 20 | 23 55 47 | 27°12'17 | 23° 2 | 13°57 | 25° 2 | 0♊ 4 | 22°22 | 15° 8 | 15°43 | 28°25 | 27°15 | 16°R57 | 15°47 | 0°24 | 18°12 | F 20 |
| S 21 | 23 59 44 | 28°10'41 | 7♒28 | 15°31 | 26°14 | 0°20 | 22°23 | 15°14 | 15°R43 | 28°27 | 27°16 | 16°56 | 15°44 | 0°31 | 18° 9 | S 21 |
| S 22 | 0 3 40 | 29° 9'06 | 22° 3 | 17° 4 | 27°26 | 0°36 | 22°23 | 15°20 | 15°43 | 28°29 | 27°18 | 16°52 | 15°41 | 0°37 | 18° 7 | S 22 |
| M23 | 0 7 37 | 0♎ 7'32 | 6♓42 | 18°35 | 28°39 | 0°52 | 22°24 | 15°27 | 15°43 | 28°31 | 27°20 | 16°46 | 15°38 | 0°44 | 18° 5 | M23 |
| T 24 | 0 11 33 | 1° 6'00 | 21°17 | 20° 6 | 29°51 | 1° 6 | 22°25 | 15°33 | 15°43 | 28°33 | 27°21 | 16°37 | 15°35 | 0°51 | 18° 3 | T 24 |
| W25 | 0 15 30 | 2° 4'30 | 5♈42 | 21°36 | 1♍ 3 | 1°20 | 22°26 | 15°39 | 15°43 | 28°35 | 27°23 | 16°26 | 15°32 | 0°57 | 18° 1 | W25 |
| T 26 | 0 19 26 | 3° 3'02 | 19°50 | 23° 4 | 2°16 | 1°33 | 22°28 | 15°45 | 15°42 | 28°37 | 27°24 | 16°14 | 15°28 | 1° 4 | 17°59 | T 26 |
| F 27 | 0 23 23 | 4° 1'36 | 3♉37 | 24°32 | 3°29 | 1°46 | 22°29 | 15°51 | 15°42 | 28°39 | 27°26 | 16° 3 | 15°25 | 1°11 | 17°57 | F 27 |
| S 28 | 0 27 19 | 5° 0'12 | 16°59 | 25°58 | 4°41 | 1°58 | 22°31 | 15°57 | 15°42 | 28°41 | 27°27 | 15°54 | 15°22 | 1°17 | 17°55 | S 28 |
| S 29 | 0 31 16 | 5°58'50 | 29°56 | 27°24 | 5°54 | 2° 9 | 22°33 | 16° 3 | 15°41 | 28°43 | 27°29 | 15°47 | 15°19 | 1°24 | 17°53 | S 29 |
| M30 | 0 35 12 | 6♎57'30 | 12♊30 | 28♎48 | 7♍ 7 | 2♊19 | 22♏35 | 16♌ 9 | 15♊41 | 28♎45 | 27♌30 | 15♋43 | 15♋16 | 1♌31 | 17♒51 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n15 | 14n 3 | 4s17 | 9n13 | 1n43 | 19n 5 | 0s30 | 16n 4 | 2s30 | 21s51 | 0s25 | 17n21 | 0n29 | 22n33 | 0s 3 | 9s10 | 1n37 | 20n35 | 8n31 | 22n 8 | 22n20 | 21n28 | 8s12 | 7n13 |
| M 2 | 7 53 | 17 28 | 3 34 | 8 26 | 1 40 | 18 52 | 0 27 | 16 11 | 2 29 | 21 52 | 0 25 | 17 19 | 0 30 | 22 33 | 0 3 | 9 11 | 1 37 | 20 34 | 8 31 | 22 9 | 22 20 | 21 27 | 8 13 | 7 13 |
| T 3 | 7 32 | 20 2 | 2 42 | 7 39 | 1 38 | 18 39 | 0 23 | 16 18 | 2 29 | 21 52 | 0 25 | 17 18 | 0 30 | 22 33 | 0 3 | 9 12 | 1 37 | 20 34 | 8 31 | 22 9 | 22 20 | 21 27 | 8 14 | 7 13 |
| W 4 | 7 10 | 21 39 | 1 44 | 6 52 | 1 34 | 18 25 | 0 20 | 16 25 | 2 28 | 21 53 | 0 25 | 17 16 | 0 30 | 22 33 | 0 3 | 9 12 | 1 37 | 20 33 | 8 31 | 22 9 | 22 21 | 21 26 | 8 16 | 7 12 |
| T 5 | 6 48 | 22 16 | 0 42 | 6 5 | 1 31 | 18 10 | 0 16 | 16 31 | 2 28 | 21 54 | 0 25 | 17 14 | 0 30 | 22 33 | 0 3 | 9 13 | 1 37 | 20 33 | 8 32 | 22 8 | 22 21 | 21 26 | 8 17 | 7 12 |
| F 6 | 6 25 | 21 54 | 0n22 | 5 17 | 1 27 | 17 56 | 0 13 | 16 38 | 2 27 | 21 54 | 0 25 | 17 12 | 0 30 | 22 33 | 0 3 | 9 14 | 1 37 | 20 32 | 8 32 | 22 8 | 22 22 | 21 25 | 8 18 | 7 12 |
| S 7 | 6 3 | 20 33 | 1 24 | 4 30 | 1 22 | 17 40 | 0 10 | 16 44 | 2 26 | 21 54 | 0 25 | 17 10 | 0 30 | 22 34 | 0 3 | 9 14 | 1 37 | 20 32 | 8 32 | 22 9 | 22 22 | 21 24 | 8 19 | 7 12 |
| S 8 | 5 41 | 18 18 | 2 23 | 3 42 | 1 17 | 17 24 | 0 6 | 16 51 | 2 26 | 21 55 | 0 25 | 17 8 | 0 30 | 22 34 | 0 3 | 9 15 | 1 37 | 20 31 | 8 32 | 22 9 | 22 22 | 21 24 | 8 20 | 7 11 |
| M 9 | 5 18 | 15 13 | 3 16 | 2 54 | 1 12 | 17 8 | 0 3 | 16 57 | 2 25 | 21 55 | 0 25 | 17 6 | 0 30 | 22 34 | 0 3 | 9 16 | 1 37 | 20 31 | 8 32 | 22 10 | 22 23 | 21 23 | 8 21 | 7 11 |
| T 10 | 4 56 | 11 28 | 4 1 | 2 7 | 1 6 | 16 51 | 0n 0 | 17 3 | 2 24 | 21 56 | 0 25 | 17 4 | 0 30 | 22 34 | 0 3 | 9 16 | 1 37 | 20 30 | 8 32 | 22 11 | 22 23 | 21 23 | 8 22 | 7 11 |
| W11 | 4 33 | 7 11 | 4 35 | 1 20 | 1 1 | 16 34 | 0 3 | 17 8 | 2 23 | 21 56 | 0 25 | 17 2 | 0 31 | 22 34 | 0 3 | 9 17 | 1 37 | 20 30 | 8 32 | 22 12 | 22 24 | 21 22 | 8 23 | 7 10 |
| T 12 | 4 10 | 2 32 | 4 56 | 0 33 | 0 55 | 16 16 | 0 7 | 17 14 | 2 22 | 21 56 | 0 25 | 17 0 | 0 31 | 22 34 | 0 3 | 9 18 | 1 37 | 20 29 | 8 33 | 22 14 | 22 24 | 21 22 | 8 25 | 7 10 |
| F 13 | 3 48 | 2s18 | 5 3 | 0s14 | 0 48 | 15 58 | 0 10 | 17 20 | 2 22 | 21 56 | 0 25 | 16 58 | 0 31 | 22 34 | 0 3 | 9 18 | 1 36 | 20 29 | 8 33 | 22 15 | 22 24 | 21 21 | 8 26 | 7 10 |
| S 14 | 3 25 | 7 6 | 4 55 | 1 0 | 0 42 | 15 39 | 0 13 | 17 25 | 2 21 | 21 57 | 0 25 | 16 57 | 0 31 | 22 34 | 0 3 | 9 19 | 1 36 | 20 28 | 8 33 | 22 16 | 22 25 | 21 21 | 8 27 | 7 9 |
| S 15 | 3 2 | 11 41 | 4 31 | 1 46 | 0 35 | 15 20 | 0 16 | 17 31 | 2 20 | 21 57 | 0 25 | 16 55 | 0 31 | 22 34 | 0 3 | 9 20 | 1 36 | 20 28 | 8 33 | 22 17 | 22 25 | 21 20 | 8 28 | 7 9 |
| M16 | 2 39 | 15 45 | 3 52 | 2 32 | 0 28 | 15 0 | 0 19 | 17 36 | 2 19 | 21 57 | 0 26 | 16 53 | 0 31 | 22 34 | 0 3 | 9 20 | 1 36 | 20 27 | 8 33 | 22 18 | 22 25 | 21 20 | 8 29 | 7 9 |
| T 17 | 2 16 | 19 4 | 2 59 | 3 17 | 0 21 | 14 40 | 0 22 | 17 41 | 2 18 | 21 57 | 0 26 | 16 51 | 0 31 | 22 34 | 0 3 | 9 21 | 1 36 | 20 27 | 8 33 | 22 18 | 22 26 | 21 19 | 8 30 | 7 8 |
| W18 | 1 53 | 21 21 | 1 55 | 4 2 | 0 14 | 14 20 | 0 25 | 17 46 | 2 17 | 21 57 | 0 26 | 16 49 | 0 31 | 22 34 | 0 3 | 9 22 | 1 36 | 20 27 | 8 34 | 22 19 | 22 26 | 21 18 | 8 31 | 7 8 |
| T 19 | 1 30 | 22 22 | 0 43 | 4 46 | 0 7 | 13 59 | 0 28 | 17 50 | 2 16 | 21 57 | 0 26 | 16 48 | 0 31 | 22 34 | 0 3 | 9 22 | 1 36 | 20 26 | 8 34 | 22 18 | 22 27 | 21 18 | 8 32 | 7 8 |
| F 20 | 1 7 | 21 57 | 0s32 | 5 30 | 0s 1 | 13 38 | 0 31 | 17 55 | 2 15 | 21 57 | 0 26 | 16 46 | 0 32 | 22 34 | 0 3 | 9 23 | 1 36 | 20 26 | 8 34 | 22 18 | 22 27 | 21 17 | 8 33 | 7 7 |
| S 21 | 0 43 | 20 5 | 1 47 | 6 13 | 0 8 | 13 16 | 0 34 | 18 0 | 2 14 | 21 57 | 0 26 | 16 44 | 0 32 | 22 34 | 0 3 | 9 24 | 1 36 | 20 25 | 8 34 | 22 19 | 22 27 | 21 17 | 8 34 | 7 7 |
| S 22 | 0 20 | 16 53 | 2 55 | 6 56 | 0 16 | 12 54 | 0 36 | 18 4 | 2 12 | 21 57 | 0 26 | 16 42 | 0 32 | 22 34 | 0 3 | 9 25 | 1 36 | 20 25 | 8 34 | 22 19 | 22 28 | 21 16 | 8 35 | 7 6 |
| M23 | 0s 3 | 12 37 | 3 52 | 7 38 | 0 24 | 12 32 | 0 39 | 18 8 | 2 11 | 21 57 | 0 26 | 16 40 | 0 32 | 22 34 | 0 3 | 9 25 | 1 36 | 20 25 | 8 35 | 22 20 | 22 28 | 21 15 | 8 36 | 7 6 |
| T 24 | 0 26 | 7 38 | 4 33 | 8 19 | 0 31 | 12 9 | 0 42 | 18 13 | 2 10 | 21 57 | 0 26 | 16 39 | 0 32 | 22 34 | 0 3 | 9 26 | 1 36 | 20 24 | 8 35 | 22 21 | 22 28 | 21 15 | 8 37 | 7 6 |
| W25 | 0 49 | 2 17 | 4 56 | 9 0 | 0 39 | 11 46 | 0 44 | 18 17 | 2 9 | 21 57 | 0 26 | 16 37 | 0 32 | 22 34 | 0 3 | 9 27 | 1 36 | 20 24 | 8 35 | 22 22 | 22 29 | 21 14 | 8 38 | 7 5 |
| T 26 | 1 13 | 3n 6 | 5 1 | 9 40 | 0 47 | 11 22 | 0 47 | 18 21 | 2 7 | 21 56 | 0 26 | 16 35 | 0 32 | 22 34 | 0 3 | 9 28 | 1 36 | 20 23 | 8 35 | 22 24 | 22 29 | 21 14 | 8 39 | 7 5 |
| F 27 | 1 36 | 8 11 | 4 48 | 10 20 | 0 54 | 10 59 | 0 49 | 18 25 | 2 6 | 21 56 | 0 26 | 16 34 | 0 32 | 22 34 | 0 3 | 9 28 | 1 36 | 20 23 | 8 35 | 22 25 | 22 30 | 21 13 | 8 40 | 7 4 |
| S 28 | 1 59 | 12 43 | 4 19 | 10 58 | 1 2 | 10 34 | 0 52 | 18 28 | 2 4 | 21 56 | 0 26 | 16 32 | 0 33 | 22 34 | 0 3 | 9 29 | 1 36 | 20 23 | 8 36 | 22 26 | 22 30 | 21 12 | 8 41 | 7 4 |
| S 29 | 2 22 | 16 33 | 3 37 | 11 36 | 1 10 | 10 10 | 0 54 | 18 32 | 2 3 | 21 56 | 0 26 | 16 30 | 0 33 | 22 34 | 0 3 | 9 30 | 1 36 | 20 22 | 8 36 | 22 27 | 22 30 | 21 12 | 8 42 | 7 3 |
| M30 | 2s45 | 19n29 | 2s46 | 12s14 | 1s17 | 9n45 | 0n57 | 18n35 | 2s 1 | 21s55 | 0s26 | 16n29 | 0n33 | 22n34 | 0s 3 | 9s30 | 1n36 | 20n22 | 8n36 | 22n27 | 22n31 | 21n11 | 8s43 | 7n 3 |

Julian Day Number = 2615051.5, Delta T = 11m03s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 30°59'58, Lahiri = 30°06'58


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## OCTOBER 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 39 9 | 7♎56'13 | 24♊44 | 0♏11 | 8♍20 | 2♊29 | 22♑37 | 16♌15 | 15°R41 | 28♎48 | 27♌32 | 15°R41 | 15♋12 | 1♌37 | 17°R50 | T 1 |
| W 2 | 0 43 6 | 8°54'58 | 6♋45 | 1°33 | 9°33 | 2°37 | 22°40 | 16°21 | 15♊40 | 28°50 | 27°33 | 15♋40 | 15° 9 | 1°44 | 17♒48 | W 2 |
| T 3 | 0 47 2 | 9°53'45 | 18°36 | 2°53 | 10°46 | 2°45 | 22°43 | 16°26 | 15°39 | 28°52 | 27°35 | 15°40 | 15° 6 | 1°51 | 17°46 | T 3 |
| F 4 | 0 50 59 | 10°52'34 | 0♌24 | 4°12 | 11°59 | 2°52 | 22°45 | 16°32 | 15°39 | 28°54 | 27°36 | 15°40 | 15° 3 | 1°57 | 17°45 | F 4 |
| S 5 | 0 54 55 | 11°51'25 | 12°13 | 5°30 | 13°12 | 2°59 | 22°49 | 16°37 | 15°38 | 28°56 | 27°38 | 15°37 | 15° 0 | 2° 4 | 17°43 | S 5 |
| S 6 | 0 58 52 | 12°50'19 | 24°10 | 6°47 | 14°25 | 3° 4 | 22°52 | 16°43 | 15°37 | 28°58 | 27°39 | 15°33 | 14°57 | 2°10 | 17°42 | S 6 |
| M 7 | 1 2 48 | 13°49'15 | 6♍17 | 8° 2 | 15°38 | 3° 9 | 22°55 | 16°48 | 15°37 | 29° 0 | 27°41 | 15°25 | 14°53 | 2°17 | 17°41 | M 7 |
| T 8 | 1 6 45 | 14°48'12 | 18°37 | 9°16 | 16°52 | 3°12 | 22°59 | 16°54 | 15°36 | 29° 3 | 27°42 | 15°15 | 14°50 | 2°24 | 17°39 | T 8 |
| W 9 | 1 10 41 | 15°47'12 | 1♎14 | 10°28 | 18° 5 | 3°15 | 23° 3 | 16°59 | 15°35 | 29° 5 | 27°43 | 15° 3 | 14°47 | 2°30 | 17°38 | W 9 |
| T 10 | 1 14 38 | 16°46'14 | 14° 6 | 11°38 | 19°19 | 3°17 | 23° 7 | 17° 4 | 15°34 | 29° 7 | 27°45 | 14°50 | 14°44 | 2°37 | 17°37 | T 10 |
| F 11 | 1 18 35 | 17°45'18 | 27°14 | 12°46 | 20°32 | 3°18 | 23°11 | 17° 9 | 15°33 | 29° 9 | 27°46 | 14°37 | 14°41 | 2°44 | 17°36 | F 11 |
| S 12 | 1 22 31 | 18°44'24 | 10♏35 | 13°53 | 21°46 | 3°R19 | 23°15 | 17°14 | 15°32 | 29°11 | 27°47 | 14°25 | 14°37 | 2°50 | 17°35 | S 12 |
| S 13 | 1 26 28 | 19°43'32 | 24° 8 | 14°57 | 22°59 | 3°18 | 23°19 | 17°19 | 15°31 | 29°14 | 27°49 | 14°15 | 14°34 | 2°57 | 17°34 | S 13 |
| M14 | 1 30 24 | 20°42'42 | 7♐50 | 15°59 | 24°13 | 3°16 | 23°24 | 17°24 | 15°30 | 29°16 | 27°50 | 14° 9 | 14°31 | 3° 4 | 17°33 | M14 |
| T 15 | 1 34 21 | 21°41'54 | 21°40 | 16°59 | 25°27 | 3°14 | 23°29 | 17°29 | 15°29 | 29°18 | 27°51 | 14° 5 | 14°28 | 3°10 | 17°32 | T 15 |
| W16 | 1 38 17 | 22°41'07 | 5♑36 | 17°55 | 26°41 | 3°10 | 23°34 | 17°33 | 15°27 | 29°20 | 27°52 | 14° 4 | 14°25 | 3°17 | 17°32 | W16 |
| T 17 | 1 42 14 | 23°40'23 | 19°37 | 18°49 | 27°54 | 3° 6 | 23°39 | 17°38 | 15°26 | 29°22 | 27°53 | 14° 3 | 14°22 | 3°24 | 17°31 | T 17 |
| F 18 | 1 46 10 | 24°39'39 | 3♒43 | 19°40 | 29° 8 | 3° 1 | 23°45 | 17°43 | 15°25 | 29°25 | 27°55 | 14° 3 | 14°18 | 3°30 | 17°30 | F 18 |
| S 19 | 1 50 7 | 25°38'58 | 17°53 | 20°27 | 0♎22 | 2°55 | 23°50 | 17°47 | 15°23 | 29°27 | 27°56 | 14° 2 | 14°15 | 3°37 | 17°30 | S 19 |
| S 20 | 1 54 4 | 26°38'18 | 2♓ 6 | 21°10 | 1°36 | 2°48 | 23°56 | 17°51 | 15°22 | 29°29 | 27°57 | 13°58 | 14°12 | 3°44 | 17°29 | S 20 |
| M21 | 1 58 0 | 27°37'40 | 16°19 | 21°48 | 2°50 | 2°40 | 24° 2 | 17°56 | 15°21 | 29°31 | 27°58 | 13°51 | 14° 9 | 3°50 | 17°29 | M21 |
| T 22 | 2 1 57 | 28°37'04 | 0♈28 | 22°22 | 4° 4 | 2°32 | 24° 8 | 18° 0 | 15°19 | 29°34 | 27°59 | 13°42 | 14° 6 | 3°57 | 17°29 | T 22 |
| W23 | 2 5 53 | 29°36'29 | 14°29 | 22°51 | 5°18 | 2°22 | 24°14 | 18° 4 | 15°18 | 29°36 | 28° 0 | 13°31 | 14° 3 | 4° 4 | 17°28 | W23 |
| T 24 | 2 9 50 | 0♏35'57 | 28°17 | 23°14 | 6°33 | 2°12 | 24°20 | 18° 8 | 15°16 | 29°38 | 28° 1 | 13°19 | 13°59 | 4°10 | 17°28 | T 24 |
| F 25 | 2 13 46 | 1°35'26 | 11♉47 | 23°31 | 7°47 | 2° 1 | 24°27 | 18°12 | 15°15 | 29°40 | 28° 2 | 13° 8 | 13°56 | 4°17 | 17°28 | F 25 |
| S 26 | 2 17 43 | 2°34'58 | 24°59 | 23°41 | 9° 1 | 1°49 | 24°33 | 18°16 | 15°13 | 29°43 | 28° 3 | 12°58 | 13°53 | 4°24 | 17°D28 | S 26 |
| S 27 | 2 21 39 | 3°34'32 | 7♊49 | 23°R44 | 10°15 | 1°36 | 24°40 | 18°19 | 15°11 | 29°45 | 28° 4 | 12°50 | 13°50 | 4°30 | 17°28 | S 27 |
| M28 | 2 25 36 | 4°34'08 | 20°20 | 23°39 | 11°30 | 1°22 | 24°47 | 18°23 | 15° 9 | 29°47 | 28° 5 | 12°46 | 13°47 | 4°37 | 17°28 | M28 |
| T 29 | 2 29 33 | 5°33'46 | 2♋34 | 23°26 | 12°44 | 1° 8 | 24°54 | 18°27 | 15° 8 | 29°49 | 28° 6 | 12°43 | 13°43 | 4°43 | 17°28 | T 29 |
| W30 | 2 33 29 | 6°33'26 | 14°34 | 23° 4 | 13°58 | 0°53 | 25° 1 | 18°30 | 15° 6 | 29°51 | 28° 7 | 12°D43 | 13°40 | 4°50 | 17°28 | W30 |
| T 31 | 2 37 26 | 7♏33'09 | 26♋26 | 22♏34 | 15♎13 | 0♊37 | 25♑ 9 | 18♌33 | 15♊ 4 | 29♎54 | 28♌ 8 | 12♋43 | 13♋37 | 4♌57 | 17♒29 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 8 | 21n28 | 1s49 | 12s50 | 1s25 | 9n20 | 0n59 | 18n39 | 2s 0 | 21s55 | 0s26 | 16n27 | 0n33 | 22n34 | 0s 3 | 9s31 | 1n36 | 20n22 | 8n36 | 22n28 | 22n31 | 21n10 | 8s44 | 7n 3 |
| W 2 | 3 32 | 22 25 | 0 47 | 13 26 | 1 33 | 8 55 | 1 1 | 18 42 | 1 58 | 21 55 | 0 26 | 16 26 | 0 33 | 22 34 | 0 3 | 9 32 | 1 36 | 20 21 | 8 37 | 22 28 | 22 31 | 21 10 | 8 45 | 7 2 |
| T 3 | 3 55 | 22 21 | 0n16 | 14 1 | 1 40 | 8 29 | 1 3 | 18 45 | 1 56 | 21 54 | 0 26 | 16 24 | 0 33 | 22 34 | 0 3 | 9 33 | 1 36 | 20 21 | 8 37 | 22 28 | 22 32 | 21 9 | 8 46 | 7 2 |
| F 4 | 4 18 | 21 16 | 1 17 | 14 34 | 1 47 | 8 4 | 1 5 | 18 48 | 1 55 | 21 54 | 0 26 | 16 22 | 0 33 | 22 34 | 0 3 | 9 34 | 1 36 | 20 21 | 8 37 | 22 28 | 22 32 | 21 8 | 8 47 | 7 1 |
| S 5 | 4 41 | 19 16 | 2 16 | 15 8 | 1 55 | 7 37 | 1 7 | 18 51 | 1 53 | 21 53 | 0 26 | 16 21 | 0 34 | 22 34 | 0 3 | 9 34 | 1 36 | 20 21 | 8 37 | 22 28 | 22 32 | 21 8 | 8 48 | 7 1 |
| S 6 | 5 4 | 16 24 | 3 9 | 15 40 | 2 2 | 7 11 | 1 9 | 18 54 | 1 51 | 21 53 | 0 26 | 16 19 | 0 34 | 22 34 | 0 3 | 9 35 | 1 36 | 20 20 | 8 38 | 22 29 | 22 33 | 21 7 | 8 49 | 7 0 |
| M 7 | 5 26 | 12 48 | 3 54 | 16 11 | 2 9 | 6 45 | 1 11 | 18 57 | 1 49 | 21 52 | 0 26 | 16 18 | 0 34 | 22 34 | 0 3 | 9 36 | 1 36 | 20 20 | 8 38 | 22 29 | 22 33 | 21 6 | 8 49 | 7 0 |
| T 8 | 5 49 | 8 37 | 4 29 | 16 41 | 2 15 | 6 18 | 1 13 | 19 0 | 1 47 | 21 52 | 0 26 | 16 16 | 0 34 | 22 33 | 0 3 | 9 37 | 1 36 | 20 20 | 8 38 | 22 31 | 22 33 | 21 6 | 8 50 | 6 59 |
| W 9 | 6 12 | 3 58 | 4 52 | 17 10 | 2 22 | 5 51 | 1 15 | 19 2 | 1 45 | 21 51 | 0 26 | 16 15 | 0 34 | 22 33 | 0 3 | 9 37 | 1 36 | 20 20 | 8 38 | 22 32 | 22 34 | 21 5 | 8 51 | 6 59 |
| T 10 | 6 34 | 0s56 | 5 0 | 17 38 | 2 28 | 5 24 | 1 16 | 19 4 | 1 43 | 21 50 | 0 26 | 16 14 | 0 34 | 22 33 | 0 3 | 9 38 | 1 36 | 20 19 | 8 39 | 22 33 | 22 34 | 21 4 | 8 52 | 6 58 |
| F 11 | 6 57 | 5 54 | 4 53 | 18 5 | 2 34 | 4 56 | 1 18 | 19 7 | 1 41 | 21 50 | 0 26 | 16 12 | 0 34 | 22 33 | 0 3 | 9 39 | 1 36 | 20 19 | 8 39 | 22 35 | 22 34 | 21 3 | 8 53 | 6 58 |
| S 12 | 7 19 | 10 41 | 4 30 | 18 31 | 2 40 | 4 29 | 1 20 | 19 9 | 1 39 | 21 49 | 0 26 | 16 11 | 0 34 | 22 33 | 0 3 | 9 40 | 1 36 | 20 19 | 8 39 | 22 36 | 22 35 | 21 3 | 8 53 | 6 57 |
| S 13 | 7 42 | 15 1 | 3 51 | 18 55 | 2 46 | 4 1 | 1 21 | 19 11 | 1 37 | 21 48 | 0 26 | 16 9 | 0 35 | 22 33 | 0 3 | 9 41 | 1 36 | 20 19 | 8 39 | 22 37 | 22 35 | 21 2 | 8 54 | 6 57 |
| M14 | 8 4 | 18 37 | 2 59 | 19 19 | 2 51 | 3 33 | 1 22 | 19 13 | 1 34 | 21 48 | 0 26 | 16 8 | 0 35 | 22 33 | 0 3 | 9 41 | 1 36 | 20 18 | 8 40 | 22 38 | 22 36 | 21 1 | 8 55 | 6 56 |
| T 15 | 8 26 | 21 12 | 1 56 | 19 40 | 2 56 | 3 5 | 1 24 | 19 15 | 1 32 | 21 47 | 0 27 | 16 7 | 0 35 | 22 33 | 0 3 | 9 42 | 1 36 | 20 18 | 8 40 | 22 38 | 22 36 | 21 1 | 8 56 | 6 56 |
| W16 | 8 48 | 22 31 | 0 45 | 20 1 | 3 0 | 2 37 | 1 25 | 19 16 | 1 30 | 21 46 | 0 27 | 16 5 | 0 35 | 22 33 | 0 3 | 9 43 | 1 36 | 20 18 | 8 40 | 22 38 | 22 36 | 21 0 | 8 56 | 6 55 |
| T 17 | 9 10 | 22 26 | 0s29 | 20 20 | 3 4 | 2 9 | 1 26 | 19 18 | 1 27 | 21 45 | 0 27 | 16 4 | 0 35 | 22 33 | 0 3 | 9 44 | 1 36 | 20 18 | 8 40 | 22 38 | 22 37 | 20 59 | 8 57 | 6 55 |
| F 18 | 9 32 | 20 56 | 1 42 | 20 37 | 3 8 | 1 41 | 1 27 | 19 19 | 1 25 | 21 44 | 0 27 | 16 3 | 0 35 | 22 32 | 0 3 | 9 44 | 1 36 | 20 18 | 8 41 | 22 38 | 22 37 | 20 58 | 8 58 | 6 54 |
| S 19 | 9 53 | 18 7 | 2 49 | 20 53 | 3 11 | 1 12 | 1 28 | 19 21 | 1 22 | 21 43 | 0 27 | 16 2 | 0 35 | 22 32 | 0 3 | 9 45 | 1 36 | 20 18 | 8 41 | 22 39 | 22 37 | 20 58 | 8 58 | 6 54 |
| S 20 | 10 15 | 14 12 | 3 45 | 21 7 | 3 13 | 0 44 | 1 29 | 19 22 | 1 20 | 21 42 | 0 27 | 16 1 | 0 36 | 22 32 | 0 3 | 9 46 | 1 36 | 20 18 | 8 41 | 22 39 | 22 38 | 20 57 | 8 59 | 6 53 |
| M21 | 10 36 | 9 30 | 4 28 | 21 18 | 3 15 | 0 15 | 1 30 | 19 23 | 1 17 | 21 41 | 0 27 | 15 59 | 0 36 | 22 32 | 0 3 | 9 47 | 1 36 | 20 17 | 8 41 | 22 40 | 22 38 | 20 56 | 8 59 | 6 53 |
| T 22 | 10 57 | 4 18 | 4 54 | 21 28 | 3 16 | 0s13 | 1 31 | 19 24 | 1 14 | 21 40 | 0 27 | 15 58 | 0 36 | 22 32 | 0 3 | 9 48 | 1 36 | 20 17 | 8 42 | 22 41 | 22 38 | 20 55 | 9 0 | 6 52 |
| W23 | 11 18 | 1n 3 | 5 1 | 21 36 | 3 16 | 0 42 | 1 32 | 19 25 | 1 11 | 21 39 | 0 27 | 15 57 | 0 36 | 22 32 | 0 3 | 9 48 | 1 36 | 20 17 | 8 42 | 22 42 | 22 39 | 20 55 | 9 1 | 6 52 |
| T 24 | 11 39 | 6 18 | 4 51 | 21 41 | 3 15 | 1 11 | 1 32 | 19 26 | 1 9 | 21 38 | 0 27 | 15 56 | 0 36 | 22 31 | 0 3 | 9 49 | 1 36 | 20 17 | 8 42 | 22 43 | 22 39 | 20 54 | 9 1 | 6 51 |
| F 25 | 12 0 | 11 7 | 4 25 | 21 43 | 3 13 | 1 39 | 1 33 | 19 26 | 1 6 | 21 37 | 0 27 | 15 55 | 0 36 | 22 31 | 0 3 | 9 50 | 1 36 | 20 17 | 8 43 | 22 44 | 22 39 | 20 53 | 9 2 | 6 51 |
| S 26 | 12 20 | 15 19 | 3 45 | 21 43 | 3 10 | 2 8 | 1 34 | 19 27 | 1 3 | 21 36 | 0 27 | 15 54 | 0 37 | 22 31 | 0 3 | 9 51 | 1 36 | 20 17 | 8 43 | 22 45 | 22 40 | 20 52 | 9 2 | 6 50 |
| S 27 | 12 41 | 18 41 | 2 54 | 21 40 | 3 6 | 2 37 | 1 34 | 19 27 | 1 0 | 21 35 | 0 27 | 15 53 | 0 37 | 22 31 | 0 3 | 9 51 | 1 36 | 20 17 | 8 43 | 22 46 | 22 40 | 20 51 | 9 3 | 6 50 |
| M28 | 13 1 | 21 6 | 1 56 | 21 33 | 3 0 | 3 5 | 1 34 | 19 28 | 0 57 | 21 33 | 0 27 | 15 52 | 0 37 | 22 31 | 0 3 | 9 52 | 1 36 | 20 17 | 8 44 | 22 46 | 22 40 | 20 51 | 9 3 | 6 49 |
| T 29 | 13 21 | 22 27 | 0 54 | 21 23 | 2 53 | 3 34 | 1 35 | 19 28 | 0 54 | 21 32 | 0 27 | 15 51 | 0 37 | 22 31 | 0 3 | 9 53 | 1 36 | 20 17 | 8 44 | 22 46 | 22 41 | 20 50 | 9 4 | 6 49 |
| W30 | 13 40 | 22 45 | 0n10 | 21 9 | 2 45 | 4 2 | 1 35 | 19 28 | 0 50 | 21 31 | 0 27 | 15 50 | 0 37 | 22 30 | 0 3 | 9 54 | 1 36 | 20 17 | 8 44 | 22 46 | 22 41 | 20 49 | 9 4 | 6 48 |
| T 31 | 14s 0 | 22n 0 | 1n13 | 20s51 | 2s35 | 4s31 | 1n35 | 19n28 | 0s47 | 21s30 | 0s27 | 15n49 | 0n37 | 22n30 | 0s 3 | 9s55 | 1n36 | 20n17 | 8n44 | 22n46 | 22n41 | 20n48 | 9s 4 | 6n48 |

Julian Day Number = 2615081.5, Delta T = 11m04s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'02, Lahiri = 30°07'03


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## NOVEMBER 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 2 41 22 | 8♏32'53 | 8♌15 | 21°R54 | 16♎27 | 0°R21 | 25♑16 | 18♌37 | 15°R 2 | 29♎56 | 28♌ 8 | 12°R44 | 13♋34 | 5♌ 3 | 17♒29 | F 1 |
| S 2 | 2 45 19 | 9°32'40 | 20° 5 | 21♏ 6 | 17°42 | 0♊ 3 | 25°24 | 18°40 | 15♊ 0 | 29°58 | 28° 9 | 12♋43 | 13°31 | 5°10 | 17°30 | S 2 |
| S 3 | 2 49 15 | 10°32'29 | 2♍ 3 | 20° 9 | 18°56 | 29♉46 | 25°32 | 18°43 | 14°58 | 0♏ 0 | 28°10 | 12°40 | 13°28 | 5°17 | 17°30 | S 3 |
| M 4 | 2 53 12 | 11°32'21 | 14°13 | 19° 5 | 20°11 | 29°27 | 25°40 | 18°46 | 14°56 | 0° 3 | 28°11 | 12°36 | 13°24 | 5°23 | 17°31 | M 4 |
| T 5 | 2 57 8 | 12°32'14 | 26°39 | 17°54 | 21°26 | 29° 9 | 25°48 | 18°49 | 14°54 | 0° 5 | 28°12 | 12°28 | 13°21 | 5°30 | 17°31 | T 5 |
| W 6 | 3 1 5 | 13°32'09 | 9♎25 | 16°40 | 22°40 | 28°49 | 25°56 | 18°51 | 14°52 | 0° 7 | 28°12 | 12°19 | 13°18 | 5°37 | 17°32 | W 6 |
| T 7 | 3 5 2 | 14°32'07 | 22°31 | 15°23 | 23°55 | 28°30 | 26° 5 | 18°54 | 14°50 | 0° 9 | 28°13 | 12° 9 | 13°15 | 5°43 | 17°33 | T 7 |
| F 8 | 3 8 58 | 15°32'07 | 5♏57 | 14° 5 | 25°10 | 28° 9 | 26°13 | 18°56 | 14°48 | 0°11 | 28°14 | 11°59 | 13°12 | 5°50 | 17°34 | F 8 |
| S 9 | 3 12 55 | 16°32'08 | 19°41 | 12°50 | 26°25 | 27°49 | 26°22 | 18°59 | 14°46 | 0°13 | 28°14 | 11°50 | 13° 9 | 5°57 | 17°35 | S 9 |
| S 10 | 3 16 51 | 17°32'12 | 3♐40 | 11°40 | 27°39 | 27°28 | 26°31 | 19° 1 | 14°44 | 0°16 | 28°15 | 11°42 | 13° 5 | 6° 3 | 17°36 | S 10 |
| M11 | 3 20 48 | 18°32'17 | 17°48 | 10°37 | 28°54 | 27° 7 | 26°40 | 19° 3 | 14°42 | 0°18 | 28°15 | 11°38 | 13° 2 | 6°10 | 17°37 | M11 |
| T 12 | 3 24 44 | 19°32'24 | 2♑ 2 | 9°42 | 0♏ 9 | 26°46 | 26°49 | 19° 6 | 14°40 | 0°20 | 28°16 | 11°35 | 12°59 | 6°17 | 17°38 | T 12 |
| W13 | 3 28 41 | 20°32'32 | 16°18 | 8°58 | 1°24 | 26°24 | 26°58 | 19° 8 | 14°37 | 0°22 | 28°16 | 11°D35 | 12°56 | 6°23 | 17°39 | W13 |
| T 14 | 3 32 37 | 21°32'42 | 0♒33 | 8°24 | 2°39 | 26° 3 | 27° 7 | 19°10 | 14°35 | 0°24 | 28°17 | 11°36 | 12°53 | 6°30 | 17°40 | T 14 |
| F 15 | 3 36 34 | 22°32'54 | 14°43 | 8° 3 | 3°54 | 25°41 | 27°17 | 19°11 | 14°33 | 0°26 | 28°17 | 11°37 | 12°49 | 6°37 | 17°42 | F 15 |
| S 16 | 3 40 31 | 23°33'07 | 28°49 | 7°D52 | 5° 9 | 25°20 | 27°26 | 19°13 | 14°31 | 0°28 | 28°18 | 11°R37 | 12°46 | 6°43 | 17°43 | S 16 |
| S 17 | 3 44 27 | 24°33'21 | 12♓49 | 7°54 | 6°24 | 24°59 | 27°36 | 19°15 | 14°28 | 0°31 | 28°18 | 11°35 | 12°43 | 6°50 | 17°45 | S 17 |
| M18 | 3 48 24 | 25°33'37 | 26°41 | 8° 6 | 7°39 | 24°37 | 27°46 | 19°16 | 14°26 | 0°33 | 28°18 | 11°32 | 12°40 | 6°57 | 17°46 | M18 |
| T 19 | 3 52 20 | 26°33'54 | 10♈25 | 8°28 | 8°54 | 24°16 | 27°56 | 19°17 | 14°24 | 0°35 | 28°19 | 11°26 | 12°37 | 7° 3 | 17°48 | T 19 |
| W20 | 3 56 17 | 27°34'12 | 23°59 | 9° 0 | 10° 9 | 23°55 | 28° 6 | 19°19 | 14°21 | 0°37 | 28°19 | 11°19 | 12°34 | 7°10 | 17°49 | W20 |
| T 21 | 4 0 13 | 28°34'32 | 7♉20 | 9°40 | 11°24 | 23°35 | 28°16 | 19°20 | 14°19 | 0°39 | 28°19 | 11°11 | 12°30 | 7°17 | 17°51 | T 21 |
| F 22 | 4 4 10 | 29°34'54 | 20°28 | 10°27 | 12°39 | 23°15 | 28°26 | 19°21 | 14°16 | 0°41 | 28°20 | 11° 4 | 12°27 | 7°23 | 17°53 | F 22 |
| S 23 | 4 8 6 | 0♐35'17 | 3♊20 | 11°21 | 13°54 | 22°55 | 28°37 | 19°22 | 14°14 | 0°43 | 28°20 | 10°58 | 12°24 | 7°30 | 17°55 | S 23 |
| S 24 | 4 12 3 | 1°35'42 | 15°57 | 12°21 | 15° 9 | 22°35 | 28°47 | 19°23 | 14°12 | 0°45 | 28°20 | 10°53 | 12°21 | 7°37 | 17°57 | S 24 |
| M25 | 4 16 0 | 2°36'09 | 28°20 | 13°26 | 16°24 | 22°16 | 28°58 | 19°23 | 14° 9 | 0°47 | 28°20 | 10°50 | 12°18 | 7°43 | 17°59 | M25 |
| T 26 | 4 19 56 | 3°36'37 | 10♋29 | 14°36 | 17°39 | 21°58 | 29° 8 | 19°24 | 14° 7 | 0°49 | 28°20 | 10°D49 | 12°15 | 7°50 | 18° 1 | T 26 |
| W27 | 4 23 53 | 4°37'07 | 22°27 | 15°49 | 18°55 | 21°40 | 29°19 | 19°24 | 14° 4 | 0°51 | 28°20 | 10°50 | 12°11 | 7°57 | 18° 3 | W27 |
| T 28 | 4 27 49 | 5°37'38 | 4♌18 | 17° 6 | 20°10 | 21°22 | 29°30 | 19°25 | 14° 2 | 0°53 | 28°20 | 10°52 | 12° 8 | 8° 3 | 18° 5 | T 28 |
| F 29 | 4 31 46 | 6°38'12 | 16° 6 | 18°25 | 21°25 | 21° 5 | 29°41 | 19°25 | 13°59 | 0°54 | 28°20 | 10°53 | 12° 5 | 8°10 | 18° 7 | F 29 |
| S 30 | 4 35 42 | 7♐38'47 | 27♌56 | 19♏46 | 22♏40 | 20♉49 | 29♑52 | 19♌25 | 13♊57 | 0♏56 | 28°R20 | 10♋55 | 12♋ 2 | 8♌17 | 18♒10 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s19 | 20n17 | 2n12 | 20s30 | 2s23 | 4s59 | 1n35 | 19n27 | 0s44 | 21s28 | 0s27 | 15n48 | 0n37 | 22n30 | 0s 3 | 9s55 | 1n36 | 20n17 | 8n45 | 22n46 | 22n41 | 20n47 | 9s 5 | 6n47 |
| S 2 | 14 38 | 17 41 | 3 6 | 20 3 | 2 9 | 5 28 | 1 35 | 19 27 | 0 41 | 21 27 | 0 27 | 15 48 | 0 38 | 22 30 | 0 3 | 9 56 | 1 36 | 20 17 | 8 45 | 22 46 | 22 42 | 20 47 | 9 5 | 6 47 |
| S 3 | 14 57 | 14 20 | 3 52 | 19 33 | 1 53 | 5 56 | 1 35 | 19 26 | 0 37 | 21 25 | 0 27 | 15 47 | 0 38 | 22 30 | 0 3 | 9 57 | 1 36 | 20 17 | 8 45 | 22 47 | 22 42 | 20 46 | 9 6 | 6 46 |
| M 4 | 15 15 | 10 20 | 4 29 | 19 0 | 1 36 | 6 24 | 1 35 | 19 26 | 0 34 | 21 24 | 0 27 | 15 46 | 0 38 | 22 29 | 0 3 | 9 58 | 1 36 | 20 17 | 8 46 | 22 47 | 22 42 | 20 45 | 9 6 | 6 46 |
| T 5 | 15 34 | 5 49 | 4 53 | 18 22 | 1 18 | 6 52 | 1 35 | 19 25 | 0 31 | 21 23 | 0 27 | 15 45 | 0 38 | 22 29 | 0 3 | 9 58 | 1 36 | 20 17 | 8 46 | 22 48 | 22 43 | 20 44 | 9 6 | 6 45 |
| W 6 | 15 52 | 0 57 | 5 4 | 17 42 | 0 58 | 7 20 | 1 34 | 19 24 | 0 27 | 21 21 | 0 27 | 15 45 | 0 38 | 22 29 | 0 3 | 9 59 | 1 36 | 20 17 | 8 46 | 22 49 | 22 43 | 20 43 | 9 6 | 6 45 |
| T 7 | 16 10 | 4s 6 | 5 0 | 17 1 | 0 38 | 7 48 | 1 34 | 19 23 | 0 24 | 21 20 | 0 27 | 15 44 | 0 38 | 22 29 | 0 3 | 10 0 | 1 36 | 20 17 | 8 47 | 22 50 | 22 43 | 20 42 | 9 7 | 6 44 |
| F 8 | 16 27 | 9 5 | 4 39 | 16 18 | 0 17 | 8 16 | 1 34 | 19 22 | 0 21 | 21 18 | 0 27 | 15 43 | 0 39 | 22 29 | 0 3 | 10 1 | 1 36 | 20 17 | 8 47 | 22 51 | 22 44 | 20 41 | 9 7 | 6 44 |
| S 9 | 16 44 | 13 44 | 4 2 | 15 36 | 0n 3 | 8 43 | 1 33 | 19 21 | 0 17 | 21 16 | 0 27 | 15 43 | 0 39 | 22 28 | 0 3 | 10 1 | 1 36 | 20 17 | 8 47 | 22 51 | 22 44 | 20 41 | 9 7 | 6 43 |
| S 10 | 17 1 | 17 44 | 3 9 | 14 56 | 0 23 | 9 11 | 1 32 | 19 19 | 0 14 | 21 15 | 0 27 | 15 42 | 0 39 | 22 28 | 0 3 | 10 2 | 1 36 | 20 17 | 8 48 | 22 52 | 22 44 | 20 40 | 9 7 | 6 43 |
| M11 | 17 18 | 20 46 | 2 4 | 14 18 | 0 42 | 9 38 | 1 32 | 19 18 | 0 10 | 21 13 | 0 27 | 15 42 | 0 39 | 22 28 | 0 3 | 10 3 | 1 36 | 20 17 | 8 48 | 22 52 | 22 45 | 20 39 | 9 8 | 6 42 |
| T 12 | 17 34 | 22 31 | 0 51 | 13 44 | 1 0 | 10 5 | 1 31 | 19 16 | 0 7 | 21 11 | 0 27 | 15 41 | 0 39 | 22 28 | 0 3 | 10 3 | 1 36 | 20 17 | 8 48 | 22 53 | 22 45 | 20 38 | 9 8 | 6 42 |
| W13 | 17 51 | 22 49 | 0s25 | 13 15 | 1 16 | 10 31 | 1 30 | 19 15 | 0 3 | 21 10 | 0 27 | 15 41 | 0 39 | 22 27 | 0 2 | 10 4 | 1 36 | 20 17 | 8 48 | 22 53 | 22 45 | 20 37 | 9 8 | 6 41 |
| T 14 | 18 6 | 21 37 | 1 40 | 12 50 | 1 31 | 10 58 | 1 29 | 19 13 | 0 0 | 21 8 | 0 27 | 15 40 | 0 40 | 22 27 | 0 2 | 10 5 | 1 36 | 20 18 | 8 49 | 22 53 | 22 46 | 20 36 | 9 8 | 6 41 |
| F 15 | 18 22 | 19 4 | 2 49 | 12 31 | 1 43 | 11 24 | 1 29 | 19 11 | 0n 3 | 21 6 | 0 27 | 15 40 | 0 40 | 22 27 | 0 2 | 10 6 | 1 36 | 20 18 | 8 49 | 22 52 | 22 46 | 20 35 | 9 8 | 6 40 |
| S 16 | 18 37 | 15 24 | 3 47 | 12 18 | 1 54 | 11 50 | 1 28 | 19 9 | 0 7 | 21 4 | 0 27 | 15 39 | 0 40 | 22 27 | 0 2 | 10 6 | 1 36 | 20 18 | 8 49 | 22 52 | 22 46 | 20 34 | 9 8 | 6 39 |
| S 17 | 18 52 | 10 54 | 4 31 | 12 10 | 2 3 | 12 15 | 1 27 | 19 8 | 0 10 | 21 2 | 0 27 | 15 39 | 0 40 | 22 26 | 0 2 | 10 7 | 1 36 | 20 18 | 8 50 | 22 53 | 22 46 | 20 33 | 9 8 | 6 39 |
| M18 | 19 6 | 5 53 | 4 58 | 12 7 | 2 10 | 12 41 | 1 25 | 19 6 | 0 13 | 21 0 | 0 27 | 15 39 | 0 40 | 22 26 | 0 2 | 10 8 | 1 36 | 20 18 | 8 50 | 22 53 | 22 47 | 20 33 | 9 8 | 6 38 |
| T 19 | 19 20 | 0 37 | 5 9 | 12 10 | 2 15 | 13 6 | 1 24 | 19 4 | 0 17 | 20 58 | 0 27 | 15 38 | 0 40 | 22 26 | 0 2 | 10 8 | 1 36 | 20 18 | 8 50 | 22 53 | 22 47 | 20 32 | 9 8 | 6 38 |
| W20 | 19 34 | 4n36 | 5 1 | 12 16 | 2 19 | 13 31 | 1 23 | 19 2 | 0 20 | 20 56 | 0 27 | 15 38 | 0 41 | 22 26 | 0 2 | 10 9 | 1 36 | 20 19 | 8 51 | 22 54 | 22 47 | 20 31 | 9 8 | 6 37 |
| T 21 | 19 48 | 9 33 | 4 37 | 12 27 | 2 21 | 13 55 | 1 22 | 19 0 | 0 23 | 20 54 | 0 28 | 15 38 | 0 41 | 22 25 | 0 2 | 10 10 | 1 36 | 20 19 | 8 51 | 22 55 | 22 48 | 20 30 | 9 8 | 6 37 |
| F 22 | 20 1 | 13 58 | 3 59 | 12 41 | 2 22 | 14 19 | 1 21 | 18 58 | 0 26 | 20 52 | 0 28 | 15 38 | 0 41 | 22 25 | 0 2 | 10 10 | 1 36 | 20 19 | 8 51 | 22 55 | 22 48 | 20 29 | 9 8 | 6 37 |
| S 23 | 20 13 | 17 40 | 3 10 | 12 57 | 2 21 | 14 43 | 1 19 | 18 56 | 0 30 | 20 50 | 0 28 | 15 38 | 0 41 | 22 25 | 0 2 | 10 11 | 1 36 | 20 19 | 8 52 | 22 56 | 22 48 | 20 28 | 9 8 | 6 36 |
| S 24 | 20 26 | 20 28 | 2 11 | 13 17 | 2 20 | 15 6 | 1 18 | 18 54 | 0 33 | 20 48 | 0 28 | 15 38 | 0 41 | 22 24 | 0 2 | 10 12 | 1 37 | 20 19 | 8 52 | 22 56 | 22 49 | 20 27 | 9 8 | 6 36 |
| M25 | 20 38 | 22 15 | 1 8 | 13 38 | 2 18 | 15 29 | 1 16 | 18 52 | 0 36 | 20 46 | 0 28 | 15 38 | 0 41 | 22 24 | 0 2 | 10 12 | 1 37 | 20 20 | 8 52 | 22 56 | 22 49 | 20 26 | 9 8 | 6 35 |
| T 26 | 20 49 | 22 56 | 0 2 | 14 2 | 2 15 | 15 52 | 1 15 | 18 50 | 0 39 | 20 44 | 0 28 | 15 38 | 0 42 | 22 24 | 0 2 | 10 13 | 1 37 | 20 20 | 8 53 | 22 56 | 22 49 | 20 25 | 9 8 | 6 35 |
| W27 | 21 1 | 22 33 | 1n 3 | 14 27 | 2 11 | 16 14 | 1 13 | 18 48 | 0 42 | 20 42 | 0 28 | 15 38 | 0 42 | 22 24 | 0 2 | 10 14 | 1 37 | 20 20 | 8 53 | 22 56 | 22 49 | 20 24 | 9 7 | 6 34 |
| T 28 | 21 11 | 21 9 | 2 5 | 14 52 | 2 7 | 16 36 | 1 11 | 18 47 | 0 45 | 20 39 | 0 28 | 15 38 | 0 42 | 22 23 | 0 2 | 10 14 | 1 37 | 20 21 | 8 53 | 22 56 | 22 50 | 20 23 | 9 7 | 6 34 |
| F 29 | 21 22 | 18 51 | 3 1 | 15 19 | 2 2 | 16 57 | 1 10 | 18 45 | 0 48 | 20 37 | 0 28 | 15 38 | 0 42 | 22 23 | 0 2 | 10 15 | 1 37 | 20 21 | 8 54 | 22 56 | 22 50 | 20 22 | 9 7 | 6 33 |
| S 30 | 21s32 | 15n45 | 3n50 | 15s46 | 1n56 | 17s18 | 1n 8 | 18n43 | 0n50 | 20s35 | 0s28 | 15n38 | 0n42 | 22n23 | 0s 2 | 10s16 | 1n37 | 20n21 | 8n54 | 22n56 | 22n50 | 20n21 | 9s 7 | 6n33 |

Julian Day Number = 2615112.5, Delta T = 11m04s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'06, Lahiri = 30°07'07


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# ASTRODIENST EPHEMERIS for the year 2447
# geocentric

## DECEMBER 2447 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 39 39 | 8♐39'23 | 9♍53 | 21♏10 | 23♏56 | 20°R33 | 0♒ 3 | 19°R25 | 13°R54 | 0♏58 | 28°R20 | 10°R55 | 11♋59 | 8♌23 | 18♒12 | S 1 |
| M 2 | 4 43 35 | 9°40'02 | 22° 2 | 22°35 | 25°11 | 20♑18 | 0°15 | 19♌25 | 13♊52 | 1° 0 | 28♌20 | 10♋55 | 11°55 | 8°30 | 18°15 | M 2 |
| T 3 | 4 47 32 | 10°40'41 | 4♎27 | 24° 2 | 26°26 | 20° 4 | 0°26 | 19°25 | 13°49 | 1° 2 | 28°20 | 10°52 | 11°52 | 8°36 | 18°17 | T 3 |
| W 4 | 4 51 29 | 11°41'23 | 17°14 | 25°30 | 27°41 | 19°50 | 0°38 | 19°24 | 13°47 | 1° 4 | 28°20 | 10°49 | 11°49 | 8°43 | 18°20 | W 4 |
| T 5 | 4 55 25 | 12°42'06 | 0♏23 | 26°59 | 28°57 | 19°37 | 0°49 | 19°24 | 13°44 | 1° 6 | 28°20 | 10°45 | 11°46 | 8°50 | 18°22 | T 5 |
| F 6 | 4 59 22 | 13°42'51 | 13°58 | 28°28 | 0♐12 | 19°25 | 1° 1 | 19°23 | 13°42 | 1° 7 | 28°20 | 10°40 | 11°43 | 8°56 | 18°25 | F 6 |
| S 7 | 5 3 18 | 14°43'37 | 27°56 | 29°58 | 1°27 | 19°14 | 1°12 | 19°23 | 13°39 | 1° 9 | 28°20 | 10°36 | 11°40 | 9° 3 | 18°28 | S 7 |
| S 8 | 5 7 15 | 15°44'24 | 12♐14 | 1♐29 | 2°43 | 19° 3 | 1°24 | 19°22 | 13°36 | 1°11 | 28°19 | 10°33 | 11°36 | 9°10 | 18°30 | S 8 |
| M 9 | 5 11 11 | 16°45'13 | 26°47 | 3° 0 | 3°58 | 18°54 | 1°36 | 19°21 | 13°34 | 1°12 | 28°19 | 10°31 | 11°33 | 9°16 | 18°33 | M 9 |
| T 10 | 5 15 8 | 17°46'03 | 11♑29 | 4°32 | 5°13 | 18°45 | 1°48 | 19°20 | 13°31 | 1°14 | 28°19 | 10°D31 | 11°30 | 9°23 | 18°36 | T 10 |
| W11 | 5 19 4 | 18°46'54 | 26°12 | 6° 4 | 6°29 | 18°37 | 2° 0 | 19°19 | 13°29 | 1°16 | 28°19 | 10°31 | 11°27 | 9°30 | 18°39 | W11 |
| T 12 | 5 23 1 | 19°47'46 | 10♒51 | 7°36 | 7°44 | 18°29 | 2°12 | 19°18 | 13°26 | 1°17 | 28°18 | 10°32 | 11°24 | 9°36 | 18°42 | T 12 |
| F 13 | 5 26 58 | 20°48'38 | 25°19 | 9° 8 | 9° 0 | 18°23 | 2°25 | 19°16 | 13°24 | 1°19 | 28°18 | 10°34 | 11°21 | 9°43 | 18°45 | F 13 |
| S 14 | 5 30 54 | 21°49'31 | 9♓35 | 10°41 | 10°15 | 18°17 | 2°37 | 19°15 | 13°21 | 1°21 | 28°17 | 10°35 | 11°17 | 9°50 | 18°48 | S 14 |
| S 15 | 5 34 51 | 22°50'25 | 23°35 | 12°14 | 11°30 | 18°13 | 2°49 | 19°13 | 13°19 | 1°22 | 28°17 | 10°R35 | 11°14 | 9°56 | 18°52 | S 15 |
| M16 | 5 38 47 | 23°51'20 | 7♈19 | 13°46 | 12°46 | 18° 9 | 3° 2 | 19°12 | 13°16 | 1°24 | 28°17 | 10°35 | 11°11 | 10° 3 | 18°55 | M16 |
| T 17 | 5 42 44 | 24°52'15 | 20°47 | 15°19 | 14° 1 | 18° 6 | 3°14 | 19°10 | 13°14 | 1°25 | 28°16 | 10°33 | 11° 8 | 10°10 | 18°58 | T 17 |
| W18 | 5 46 40 | 25°53'11 | 3♉59 | 16°52 | 15°17 | 18° 4 | 3°27 | 19° 8 | 13°12 | 1°27 | 28°16 | 10°32 | 11° 5 | 10°16 | 19° 1 | W18 |
| T 19 | 5 50 37 | 26°54'07 | 16°57 | 18°25 | 16°32 | 18° 2 | 3°40 | 19° 6 | 13° 9 | 1°28 | 28°15 | 10°30 | 11° 1 | 10°23 | 19° 5 | T 19 |
| F 20 | 5 54 33 | 27°55'05 | 29°42 | 19°59 | 17°48 | 18°D 1 | 3°52 | 19° 4 | 13° 7 | 1°30 | 28°14 | 10°28 | 10°58 | 10°30 | 19° 8 | F 20 |
| S 21 | 5 58 30 | 28°56'03 | 12♊13 | 21°32 | 19° 3 | 18° 2 | 4° 5 | 19° 2 | 13° 4 | 1°31 | 28°14 | 10°26 | 10°55 | 10°36 | 19°12 | S 21 |
| S 22 | 6 2 27 | 29°57'01 | 24°34 | 23° 5 | 20°18 | 18° 3 | 4°18 | 19° 0 | 13° 2 | 1°32 | 28°13 | 10°25 | 10°52 | 10°43 | 19°15 | S 22 |
| M23 | 6 6 23 | 0♑58'01 | 6♋44 | 24°39 | 21°34 | 18° 4 | 4°31 | 18°57 | 12°59 | 1°34 | 28°13 | 10°D25 | 10°49 | 10°50 | 19°19 | M23 |
| T 24 | 6 10 20 | 1°59'01 | 18°45 | 26°12 | 22°49 | 18° 7 | 4°44 | 18°55 | 12°57 | 1°35 | 28°12 | 10°25 | 10°46 | 10°56 | 19°22 | T 24 |
| W25 | 6 14 16 | 3° 0'02 | 0♌39 | 27°46 | 24° 5 | 18°10 | 4°57 | 18°52 | 12°55 | 1°36 | 28°11 | 10°25 | 10°42 | 11° 3 | 19°26 | W25 |
| T 26 | 6 18 13 | 4° 1'04 | 12°29 | 29°20 | 25°20 | 18°14 | 5°10 | 18°49 | 12°52 | 1°38 | 28°11 | 10°26 | 10°39 | 11°10 | 19°30 | T 26 |
| F 27 | 6 22 9 | 5° 2'06 | 24°17 | 0♑54 | 26°36 | 18°19 | 5°23 | 18°47 | 12°50 | 1°39 | 28°10 | 10°27 | 10°36 | 11°16 | 19°33 | F 27 |
| S 28 | 6 26 6 | 6° 3'09 | 6♍ 7 | 2°28 | 27°51 | 18°24 | 5°36 | 18°44 | 12°48 | 1°40 | 28° 9 | 10°27 | 10°33 | 11°23 | 19°37 | S 28 |
| S 29 | 6 30 3 | 7° 4'13 | 18° 3 | 4° 3 | 29° 7 | 18°30 | 5°50 | 18°41 | 12°46 | 1°41 | 28° 8 | 10°28 | 10°30 | 11°30 | 19°41 | S 29 |
| M30 | 6 33 59 | 8° 5'18 | 0♎10 | 5°37 | 0♑22 | 18°37 | 6° 3 | 18°38 | 12°43 | 1°42 | 28° 7 | 10°28 | 10°27 | 11°36 | 19°45 | M30 |
| T 31 | 6 37 56 | 9♑ 6'23 | 12♎31 | 7♑12 | 1♑38 | 18♑45 | 6♒16 | 18♌35 | 12♊41 | 1♏44 | 28♌ 7 | 10°R28 | 10♋23 | 11♌43 | 19♒49 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 21s42 | 12n 0 | 4n29 | 16s14 | 1n51 | 17s38 | 1n 6 | 18n42 | 0n53 | 20s33 | 0s28 | 15n38 | 0n42 | 22n22 | 0s 2 | 10s16 | 1n37 | 20n21 | 8n54 | 22n56 | 22n51 | 20n20 | 9s 6 | 6n32 |
| M 2 | 21 51 | 7 42 | 4 57 | 16 41 | 1 45 | 17 58 | 1 4 | 18 40 | 0 56 | 20 30 | 0 28 | 15 38 | 0 43 | 22 22 | 0 2 | 10 17 | 1 37 | 20 22 | 8 55 | 22 56 | 22 51 | 20 19 | 9 6 | 6 32 |
| T 3 | 22 0 | 3 0 | 5 12 | 17 9 | 1 38 | 18 18 | 1 2 | 18 39 | 0 58 | 20 28 | 0 28 | 15 38 | 0 43 | 22 22 | 0 2 | 10 17 | 1 37 | 20 22 | 8 55 | 22 56 | 22 51 | 20 18 | 9 6 | 6 31 |
| W 4 | 22 8 | 1s57 | 5 12 | 17 36 | 1 32 | 18 37 | 1 1 | 18 38 | 1 1 | 20 25 | 0 28 | 15 39 | 0 43 | 22 22 | 0 2 | 10 18 | 1 37 | 20 22 | 8 55 | 22 56 | 22 51 | 20 17 | 9 5 | 6 31 |
| T 5 | 22 16 | 6 58 | 4 55 | 18 3 | 1 25 | 18 55 | 0 59 | 18 37 | 1 3 | 20 23 | 0 28 | 15 39 | 0 43 | 22 21 | 0 2 | 10 19 | 1 37 | 20 23 | 8 56 | 22 57 | 22 52 | 20 16 | 9 5 | 6 30 |
| F 6 | 22 23 | 11 49 | 4 22 | 18 30 | 1 18 | 19 13 | 0 57 | 18 36 | 1 6 | 20 20 | 0 28 | 15 39 | 0 43 | 22 21 | 0 2 | 10 19 | 1 37 | 20 23 | 8 56 | 22 57 | 22 52 | 20 15 | 9 5 | 6 30 |
| S 7 | 22 30 | 16 11 | 3 33 | 18 56 | 1 11 | 19 31 | 0 55 | 18 35 | 1 8 | 20 18 | 0 28 | 15 40 | 0 44 | 22 21 | 0 2 | 10 20 | 1 37 | 20 24 | 8 56 | 22 57 | 22 52 | 20 14 | 9 4 | 6 30 |
| S 8 | 22 37 | 19 44 | 2 30 | 19 22 | 1 4 | 19 48 | 0 53 | 18 34 | 1 10 | 20 15 | 0 28 | 15 40 | 0 44 | 22 20 | 0 2 | 10 20 | 1 37 | 20 24 | 8 57 | 22 58 | 22 52 | 20 13 | 9 4 | 6 29 |
| M 9 | 22 43 | 22 6 | 1 15 | 19 47 | 0 57 | 20 4 | 0 50 | 18 34 | 1 12 | 20 13 | 0 28 | 15 41 | 0 44 | 22 20 | 0 2 | 10 21 | 1 37 | 20 24 | 8 57 | 22 58 | 22 53 | 20 12 | 9 3 | 6 29 |
| T 10 | 22 49 | 22 58 | 0s 5 | 20 11 | 0 49 | 20 20 | 0 48 | 18 33 | 1 15 | 20 10 | 0 28 | 15 41 | 0 44 | 22 20 | 0 2 | 10 21 | 1 37 | 20 25 | 8 57 | 22 58 | 22 53 | 20 11 | 9 3 | 6 28 |
| W11 | 22 54 | 22 16 | 1 26 | 20 35 | 0 42 | 20 35 | 0 46 | 18 33 | 1 17 | 20 7 | 0 28 | 15 42 | 0 44 | 22 20 | 0 2 | 10 22 | 1 37 | 20 25 | 8 58 | 22 58 | 22 53 | 20 10 | 9 3 | 6 28 |
| T 12 | 22 59 | 20 2 | 2 40 | 20 57 | 0 35 | 20 49 | 0 44 | 18 33 | 1 19 | 20 5 | 0 28 | 15 42 | 0 44 | 22 19 | 0 2 | 10 22 | 1 37 | 20 26 | 8 58 | 22 58 | 22 54 | 20 9 | 9 2 | 6 27 |
| F 13 | 23 4 | 16 33 | 3 43 | 21 19 | 0 28 | 21 3 | 0 42 | 18 33 | 1 21 | 20 2 | 0 28 | 15 43 | 0 45 | 22 19 | 0 2 | 10 23 | 1 37 | 20 26 | 8 58 | 22 58 | 22 54 | 20 8 | 9 2 | 6 27 |
| S 14 | 23 8 | 12 9 | 4 31 | 21 39 | 0 20 | 21 17 | 0 39 | 18 33 | 1 22 | 19 59 | 0 28 | 15 43 | 0 45 | 22 19 | 0 2 | 10 23 | 1 37 | 20 26 | 8 59 | 22 58 | 22 54 | 20 7 | 9 1 | 6 27 |
| S 15 | 23 11 | 7 10 | 5 2 | 21 59 | 0 13 | 21 30 | 0 37 | 18 34 | 1 24 | 19 56 | 0 28 | 15 44 | 0 45 | 22 18 | 0 2 | 10 24 | 1 37 | 20 27 | 8 59 | 22 58 | 22 54 | 20 6 | 9 0 | 6 26 |
| M16 | 23 14 | 1 56 | 5 16 | 22 18 | 0 6 | 21 42 | 0 35 | 18 34 | 1 26 | 19 54 | 0 28 | 15 45 | 0 45 | 22 18 | 0 2 | 10 24 | 1 37 | 20 27 | 8 59 | 22 58 | 22 55 | 20 5 | 9 0 | 6 26 |
| T 17 | 23 17 | 3n17 | 5 11 | 22 36 | 0s 1 | 21 53 | 0 33 | 18 35 | 1 28 | 19 51 | 0 28 | 15 45 | 0 45 | 22 18 | 0 2 | 10 25 | 1 37 | 20 28 | 8 59 | 22 58 | 22 55 | 20 4 | 8 59 | 6 25 |
| W18 | 23 19 | 8 15 | 4 50 | 22 52 | 0 8 | 22 4 | 0 30 | 18 36 | 1 29 | 19 48 | 0 28 | 15 46 | 0 45 | 22 17 | 0 2 | 10 25 | 1 37 | 20 28 | 9 0 | 22 58 | 22 55 | 20 3 | 8 59 | 6 25 |
| T 19 | 23 21 | 12 47 | 4 15 | 23 7 | 0 15 | 22 14 | 0 28 | 18 37 | 1 31 | 19 45 | 0 29 | 15 47 | 0 46 | 22 17 | 0 2 | 10 26 | 1 38 | 20 29 | 9 0 | 22 58 | 22 55 | 20 2 | 8 58 | 6 25 |
| F 20 | 23 22 | 16 40 | 3 27 | 23 22 | 0 22 | 22 24 | 0 25 | 18 38 | 1 32 | 19 42 | 0 29 | 15 48 | 0 46 | 22 17 | 0 2 | 10 26 | 1 38 | 20 29 | 9 0 | 22 58 | 22 56 | 20 1 | 8 57 | 6 24 |
| S 21 | 23 23 | 19 43 | 2 30 | 23 35 | 0 28 | 22 33 | 0 23 | 18 40 | 1 34 | 19 39 | 0 29 | 15 49 | 0 46 | 22 17 | 0 2 | 10 27 | 1 38 | 20 30 | 9 1 | 22 58 | 22 56 | 19 59 | 8 57 | 6 24 |
| S 22 | 23 23 | 21 49 | 1 27 | 23 47 | 0 35 | 22 41 | 0 21 | 18 41 | 1 35 | 19 36 | 0 29 | 15 49 | 0 46 | 22 16 | 0 2 | 10 27 | 1 38 | 20 30 | 9 1 | 22 58 | 22 56 | 19 58 | 8 56 | 6 23 |
| M23 | 23 23 | 22 52 | 0 20 | 23 57 | 0 41 | 22 49 | 0 18 | 18 43 | 1 37 | 19 33 | 0 29 | 15 50 | 0 46 | 22 16 | 0 2 | 10 28 | 1 38 | 20 31 | 9 1 | 22 58 | 22 56 | 19 57 | 8 55 | 6 23 |
| T 24 | 23 22 | 22 50 | 0n46 | 24 7 | 0 47 | 22 55 | 0 16 | 18 45 | 1 38 | 19 30 | 0 29 | 15 51 | 0 46 | 22 16 | 0 2 | 10 28 | 1 38 | 20 31 | 9 2 | 22 58 | 22 57 | 19 56 | 8 54 | 6 23 |
| W25 | 23 21 | 21 45 | 1 50 | 24 15 | 0 54 | 23 1 | 0 13 | 18 47 | 1 39 | 19 27 | 0 29 | 15 52 | 0 47 | 22 15 | 0 2 | 10 28 | 1 38 | 20 32 | 9 2 | 22 58 | 22 57 | 19 55 | 8 54 | 6 22 |
| T 26 | 23 19 | 19 43 | 2 49 | 24 22 | 0 59 | 23 7 | 0 11 | 18 49 | 1 40 | 19 24 | 0 29 | 15 53 | 0 47 | 22 15 | 0 2 | 10 29 | 1 38 | 20 32 | 9 2 | 22 58 | 22 57 | 19 54 | 8 53 | 6 22 |
| F 27 | 23 17 | 16 52 | 3 40 | 24 28 | 1 5 | 23 12 | 0 9 | 18 52 | 1 41 | 19 21 | 0 29 | 15 54 | 0 47 | 22 15 | 0 2 | 10 29 | 1 38 | 20 33 | 9 2 | 22 58 | 22 58 | 19 53 | 8 52 | 6 22 |
| S 28 | 23 15 | 13 19 | 4 23 | 24 32 | 1 11 | 23 16 | 0 6 | 18 54 | 1 42 | 19 17 | 0 29 | 15 55 | 0 47 | 22 15 | 0 2 | 10 30 | 1 38 | 20 33 | 9 3 | 22 58 | 22 58 | 19 52 | 8 51 | 6 21 |
| S 29 | 23 12 | 9 13 | 4 54 | 24 35 | 1 16 | 23 19 | 0 4 | 18 57 | 1 44 | 19 14 | 0 29 | 15 56 | 0 47 | 22 14 | 0 2 | 10 30 | 1 38 | 20 34 | 9 3 | 22 58 | 22 58 | 19 51 | 8 50 | 6 21 |
| M30 | 23 8 | 4 43 | 5 13 | 24 37 | 1 21 | 23 22 | 0 1 | 19 0 | 1 44 | 19 11 | 0 29 | 15 57 | 0 47 | 22 14 | 0 2 | 10 30 | 1 38 | 20 34 | 9 3 | 22 58 | 22 58 | 19 49 | 8 49 | 6 21 |
| T 31 | 23s 4 | 0s 3 | 5n18 | 24s37 | 1s26 | 23s23 | 0s 1 | 19n 3 | 1n45 | 19s 8 | 0s29 | 15n59 | 0n48 | 22n14 | 0s 2 | 10s31 | 1n38 | 20n35 | 9n 4 | 22n58 | 22n59 | 19n48 | 8s49 | 6n20 |

Julian Day Number = 2615142.5, Delta T = 11m04s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'11, Lahiri = 30°07'11


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## JANUARY 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 6 41 52 | 10♉ 7'29 | 25♎12 | 8♉47 | 2♉53 | 18♉53 | 6♒30 | 18°R31 | 12°R39 | 1♏45 | 28°R 6 | 10°D28 | 10♋20 | 11♌50 | 19♒53 | W 1 |
| T 2 | 6 45 49 | 11° 8'36 | 8♏16 | 10°22 | 4° 9 | 19° 2 | 6°43 | 18♌28 | 12♊37 | 1°46 | 28♌ 5 | 10♋28 | 10°17 | 11°56 | 19°57 | T 2 |
| F 3 | 6 49 45 | 12° 9'43 | 21°46 | 11°58 | 5°24 | 19°11 | 6°57 | 18°25 | 12°35 | 1°47 | 28° 4 | 10°28 | 10°14 | 12° 3 | 20° 1 | F 3 |
| S 4 | 6 53 42 | 13°10'51 | 5♐43 | 13°33 | 6°40 | 19°21 | 7°10 | 18°21 | 12°33 | 1°48 | 28° 3 | 10°28 | 10°11 | 12°10 | 20° 5 | S 4 |
| S 5 | 6 57 38 | 14°12'00 | 20° 6 | 15° 9 | 7°55 | 19°32 | 7°24 | 18°18 | 12°31 | 1°49 | 28° 2 | 10°28 | 10° 7 | 12°16 | 20° 9 | S 5 |
| M 6 | 7 1 35 | 15°13'09 | 4♑50 | 16°46 | 9°11 | 19°44 | 7°38 | 18°14 | 12°29 | 1°50 | 28° 1 | 10°R29 | 10° 4 | 12°23 | 20°13 | M 6 |
| T 7 | 7 5 32 | 16°14'18 | 19°50 | 18°22 | 10°26 | 19°56 | 7°51 | 18°10 | 12°27 | 1°51 | 28° 0 | 10°29 | 10° 1 | 12°30 | 20°17 | T 7 |
| W 8 | 7 9 28 | 17°15'27 | 4♒57 | 19°59 | 11°42 | 20° 8 | 8° 5 | 18° 6 | 12°25 | 1°51 | 27°59 | 10°28 | 9°58 | 12°36 | 20°21 | W 8 |
| T 9 | 7 13 25 | 18°16'37 | 20° 1 | 21°36 | 12°57 | 20°21 | 8°19 | 18° 2 | 12°23 | 1°52 | 27°58 | 10°27 | 9°55 | 12°43 | 20°26 | T 9 |
| F 10 | 7 17 21 | 19°17'46 | 4♓54 | 23°14 | 14°13 | 20°35 | 8°33 | 17°59 | 12°21 | 1°53 | 27°57 | 10°26 | 9°52 | 12°50 | 20°30 | F 10 |
| S 11 | 7 21 18 | 20°18'55 | 19°30 | 24°52 | 15°28 | 20°49 | 8°46 | 17°55 | 12°19 | 1°54 | 27°56 | 10°25 | 9°48 | 12°56 | 20°34 | S 11 |
| S 12 | 7 25 14 | 21°20'04 | 3♈43 | 26°30 | 16°44 | 21° 4 | 9° 0 | 17°50 | 12°17 | 1°55 | 27°55 | 10°24 | 9°45 | 13° 3 | 20°38 | S 12 |
| M13 | 7 29 11 | 22°21'12 | 17°31 | 28° 9 | 17°59 | 21°20 | 9°14 | 17°46 | 12°15 | 1°55 | 27°54 | 10°D24 | 9°42 | 13°10 | 20°43 | M13 |
| T 14 | 7 33 7 | 23°22'20 | 0♉56 | 29°48 | 19°15 | 21°36 | 9°28 | 17°42 | 12°14 | 1°56 | 27°53 | 10°24 | 9°39 | 13°16 | 20°47 | T 14 |
| W15 | 7 37 4 | 24°23'27 | 13°59 | 1♒27 | 20°30 | 21°52 | 9°42 | 17°38 | 12°12 | 1°57 | 27°51 | 10°25 | 9°36 | 13°23 | 20°52 | W15 |
| T 16 | 7 41 1 | 25°24'35 | 26°43 | 3° 6 | 21°46 | 22° 9 | 9°56 | 17°33 | 12°10 | 1°57 | 27°50 | 10°26 | 9°33 | 13°30 | 20°56 | T 16 |
| F 17 | 7 44 57 | 26°25'41 | 9♊11 | 4°46 | 23° 1 | 22°26 | 10°10 | 17°29 | 12° 9 | 1°58 | 27°49 | 10°27 | 9°29 | 13°36 | 21° 0 | F 17 |
| S 18 | 7 48 54 | 27°26'48 | 21°27 | 6°26 | 24°17 | 22°44 | 10°24 | 17°25 | 12° 7 | 1°58 | 27°48 | 10°29 | 9°26 | 13°43 | 21° 5 | S 18 |
| S 19 | 7 52 50 | 28°27'54 | 3♋32 | 8° 6 | 25°32 | 23° 2 | 10°38 | 17°20 | 12° 6 | 1°59 | 27°47 | 10°29 | 9°23 | 13°50 | 21° 9 | S 19 |
| M20 | 7 56 47 | 29°29'00 | 15°31 | 9°46 | 26°48 | 23°21 | 10°52 | 17°16 | 12° 4 | 1°59 | 27°45 | 10°R30 | 9°20 | 13°56 | 21°14 | M20 |
| T 21 | 8 0 43 | 0♒30'05 | 27°24 | 11°26 | 28° 3 | 23°40 | 11° 6 | 17°11 | 12° 3 | 2° 0 | 27°44 | 10°29 | 9°17 | 14° 3 | 21°18 | T 21 |
| W22 | 8 4 40 | 1°31'10 | 9♌14 | 13° 6 | 29°18 | 24° 0 | 11°20 | 17° 6 | 12° 1 | 2° 0 | 27°43 | 10°26 | 9°13 | 14°10 | 21°23 | W22 |
| T 23 | 8 8 36 | 2°32'14 | 21° 4 | 14°45 | 0♒34 | 24°20 | 11°35 | 17° 2 | 12° 0 | 2° 0 | 27°42 | 10°23 | 9°10 | 14°16 | 21°28 | T 23 |
| F 24 | 8 12 33 | 3°33'18 | 2♍54 | 16°25 | 1°49 | 24°40 | 11°49 | 16°57 | 11°59 | 2° 1 | 27°40 | 10°19 | 9° 7 | 14°23 | 21°32 | F 24 |
| S 25 | 8 16 30 | 4°34'22 | 14°47 | 18° 4 | 3° 5 | 25° 1 | 12° 3 | 16°52 | 11°57 | 2° 1 | 27°39 | 10°15 | 9° 4 | 14°30 | 21°37 | S 25 |
| S 26 | 8 20 26 | 5°35'25 | 26°46 | 19°42 | 4°20 | 25°22 | 12°17 | 16°48 | 11°56 | 2° 1 | 27°38 | 10°11 | 9° 1 | 14°36 | 21°41 | S 26 |
| M27 | 8 24 23 | 6°36'28 | 8♎54 | 21°19 | 5°36 | 25°43 | 12°31 | 16°43 | 11°55 | 2° 2 | 27°36 | 10° 7 | 8°58 | 14°43 | 21°46 | M27 |
| T 28 | 8 28 19 | 7°37'31 | 21°14 | 22°55 | 6°51 | 26° 5 | 12°45 | 16°38 | 11°54 | 2° 2 | 27°35 | 10° 5 | 8°54 | 14°50 | 21°51 | T 28 |
| W29 | 8 32 16 | 8°38'33 | 3♏51 | 24°30 | 8° 7 | 26°28 | 13° 0 | 16°33 | 11°53 | 2° 2 | 27°34 | 10°D 4 | 8°51 | 14°56 | 21°55 | W29 |
| T 30 | 8 36 12 | 9°39'35 | 16°47 | 26° 2 | 9°22 | 26°50 | 13°14 | 16°28 | 11°52 | 2° 2 | 27°32 | 10° 4 | 8°48 | 15° 3 | 22° 0 | T 30 |
| F 31 | 8 40 9 | 10♒40'37 | 0♐ 6 | 27♒32 | 10♒37 | 27♉13 | 13♒28 | 16♌23 | 11♊51 | 2♏ 2 | 27♌31 | 10♋ 5 | 8♋45 | 15♌10 | 22♒ 5 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | lat |
| W 1 | 23s 0 | 4s57 | 5n 8 | 24s36 | 1s31 | 23s25 | 0s 4 | 19n 6 | 1n46 | 19s 4 | 0s29 | 16n 0 | 0n48 | 22n13 | 0s 2 | 10s31 | 1n38 | 20n35 | 9n 4 | 22n58 | 22n59 | 19n47 | 8s48 | 6n20 |
| T 2 | 22 55 | 9 47 | 4 41 | 24 34 | 1 36 | 23 25 | 0 6 | 19 9 | 1 47 | 19 1 | 0 29 | 16 1 | 0 48 | 22 13 | 0 2 | 10 31 | 1 38 | 20 36 | 9 4 | 22 58 | 22 59 | 19 46 | 8 47 | 6 20 |
| F 3 | 22 50 | 14 19 | 3 59 | 24 30 | 1 40 | 23 25 | 0 8 | 19 13 | 1 48 | 18 58 | 0 29 | 16 2 | 0 48 | 22 13 | 0 2 | 10 31 | 1 38 | 20 37 | 9 4 | 22 58 | 22 59 | 19 45 | 8 46 | 6 19 |
| S 4 | 22 44 | 18 14 | 3 2 | 24 25 | 1 44 | 23 24 | 0 11 | 19 16 | 1 49 | 18 54 | 0 29 | 16 3 | 0 48 | 22 13 | 0 2 | 10 32 | 1 38 | 20 37 | 9 5 | 22 58 | 22 59 | 19 44 | 8 45 | 6 19 |
| S 5 | 22 38 | 21 10 | 1 51 | 24 18 | 1 48 | 23 22 | 0 13 | 19 20 | 1 50 | 18 51 | 0 29 | 16 5 | 0 48 | 22 12 | 0 2 | 10 32 | 1 38 | 20 38 | 9 5 | 22 58 | 23 0 | 19 42 | 8 44 | 6 19 |
| M 6 | 22 31 | 22 46 | 0 31 | 24 10 | 1 51 | 23 19 | 0 16 | 19 24 | 1 50 | 18 48 | 0 29 | 16 6 | 0 49 | 22 12 | 0 2 | 10 32 | 1 38 | 20 38 | 9 5 | 22 58 | 23 0 | 19 41 | 8 43 | 6 19 |
| T 7 | 22 24 | 22 46 | 0s52 | 24 1 | 1 54 | 23 16 | 0 18 | 19 27 | 1 51 | 18 44 | 0 29 | 16 7 | 0 49 | 22 12 | 0 2 | 10 33 | 1 39 | 20 39 | 9 5 | 22 58 | 23 0 | 19 40 | 8 42 | 6 18 |
| W 8 | 22 16 | 21 7 | 2 12 | 23 50 | 1 57 | 23 12 | 0 20 | 19 31 | 1 52 | 18 41 | 0 30 | 16 8 | 0 49 | 22 12 | 0 2 | 10 33 | 1 39 | 20 40 | 9 6 | 22 58 | 23 0 | 19 39 | 8 41 | 6 18 |
| T 9 | 22 8 | 17 58 | 3 23 | 23 37 | 2 0 | 23 8 | 0 23 | 19 36 | 1 52 | 18 37 | 0 30 | 16 10 | 0 49 | 22 11 | 0 2 | 10 33 | 1 39 | 20 40 | 9 6 | 22 58 | 23 1 | 19 38 | 8 40 | 6 18 |
| F 10 | 22 0 | 13 42 | 4 18 | 23 24 | 2 2 | 23 2 | 0 25 | 19 40 | 1 53 | 18 34 | 0 30 | 16 11 | 0 49 | 22 11 | 0 2 | 10 33 | 1 39 | 20 41 | 9 6 | 22 58 | 23 1 | 19 37 | 8 39 | 6 17 |
| S 11 | 21 51 | 8 42 | 4 56 | 23 8 | 2 4 | 22 56 | 0 27 | 19 44 | 1 53 | 18 30 | 0 30 | 16 13 | 0 49 | 22 11 | 0 2 | 10 33 | 1 39 | 20 41 | 9 6 | 22 58 | 23 1 | 19 35 | 8 38 | 6 17 |
| S 12 | 21 42 | 3 21 | 5 15 | 22 51 | 2 6 | 22 49 | 0 29 | 19 49 | 1 54 | 18 26 | 0 30 | 16 14 | 0 49 | 22 11 | 0 2 | 10 34 | 1 39 | 20 42 | 9 7 | 22 58 | 23 1 | 19 34 | 8 37 | 6 17 |
| M13 | 21 32 | 2n 0 | 5 15 | 22 33 | 2 7 | 22 42 | 0 32 | 19 53 | 1 54 | 18 23 | 0 30 | 16 15 | 0 50 | 22 11 | 0 2 | 10 34 | 1 39 | 20 43 | 9 7 | 22 58 | 23 2 | 19 33 | 8 35 | 6 17 |
| T 14 | 21 22 | 7 7 | 4 57 | 22 13 | 2 8 | 22 34 | 0 34 | 19 58 | 1 55 | 18 19 | 0 30 | 16 17 | 0 50 | 22 10 | 0 2 | 10 34 | 1 39 | 20 43 | 9 7 | 22 58 | 23 2 | 19 32 | 8 34 | 6 17 |
| W15 | 21 11 | 11 47 | 4 25 | 21 52 | 2 8 | 22 25 | 0 36 | 20 2 | 1 55 | 18 16 | 0 30 | 16 18 | 0 50 | 22 10 | 0 2 | 10 34 | 1 39 | 20 44 | 9 7 | 22 58 | 23 2 | 19 31 | 8 33 | 6 16 |
| T 16 | 21 0 | 15 49 | 3 39 | 21 29 | 2 8 | 22 15 | 0 38 | 20 7 | 1 56 | 18 12 | 0 30 | 16 20 | 0 50 | 22 10 | 0 2 | 10 34 | 1 39 | 20 44 | 9 8 | 22 58 | 23 2 | 19 29 | 8 32 | 6 16 |
| F 17 | 20 49 | 19 3 | 2 45 | 21 5 | 2 7 | 22 5 | 0 40 | 20 12 | 1 56 | 18 8 | 0 30 | 16 21 | 0 50 | 22 10 | 0 2 | 10 35 | 1 39 | 20 45 | 9 8 | 22 58 | 23 3 | 19 28 | 8 31 | 6 16 |
| S 18 | 20 37 | 21 23 | 1 44 | 20 40 | 2 6 | 21 54 | 0 43 | 20 17 | 1 56 | 18 4 | 0 30 | 16 23 | 0 50 | 22 10 | 0 2 | 10 35 | 1 39 | 20 46 | 9 8 | 22 58 | 23 3 | 19 27 | 8 30 | 6 16 |
| S 19 | 20 25 | 22 42 | 0 38 | 20 13 | 2 5 | 21 43 | 0 45 | 20 22 | 1 57 | 18 1 | 0 30 | 16 24 | 0 50 | 22 9 | 0 2 | 10 35 | 1 39 | 20 46 | 9 8 | 22 58 | 23 3 | 19 26 | 8 28 | 6 15 |
| M20 | 20 13 | 22 56 | 0n28 | 19 44 | 2 3 | 21 31 | 0 47 | 20 27 | 1 57 | 17 57 | 0 30 | 16 26 | 0 51 | 22 9 | 0 2 | 10 35 | 1 39 | 20 47 | 9 8 | 22 58 | 23 3 | 19 24 | 8 27 | 6 15 |
| T 21 | 20 0 | 22 8 | 1 32 | 19 14 | 2 0 | 21 18 | 0 49 | 20 32 | 1 57 | 17 53 | 0 30 | 16 27 | 0 51 | 22 9 | 0 2 | 10 35 | 1 39 | 20 48 | 9 9 | 22 58 | 23 3 | 19 23 | 8 26 | 6 15 |
| W22 | 19 46 | 20 21 | 2 32 | 18 43 | 1 57 | 21 4 | 0 51 | 20 37 | 1 57 | 17 49 | 0 30 | 16 29 | 0 51 | 22 9 | 0 2 | 10 35 | 1 39 | 20 48 | 9 9 | 22 58 | 23 4 | 19 22 | 8 25 | 6 15 |
| T 23 | 19 33 | 17 41 | 3 25 | 18 11 | 1 54 | 20 50 | 0 52 | 20 42 | 1 58 | 17 46 | 0 31 | 16 30 | 0 51 | 22 9 | 0 2 | 10 35 | 1 39 | 20 49 | 9 9 | 22 59 | 23 4 | 19 21 | 8 24 | 6 15 |
| F 24 | 19 19 | 14 18 | 4 10 | 17 37 | 1 49 | 20 35 | 0 54 | 20 48 | 1 58 | 17 42 | 0 31 | 16 32 | 0 51 | 22 8 | 0 2 | 10 35 | 1 40 | 20 49 | 9 9 | 22 59 | 23 4 | 19 19 | 8 22 | 6 15 |
| S 25 | 19 4 | 10 20 | 4 44 | 17 2 | 1 44 | 20 20 | 0 56 | 20 53 | 1 58 | 17 38 | 0 31 | 16 33 | 0 51 | 22 8 | 0 2 | 10 35 | 1 40 | 20 50 | 9 9 | 22 59 | 23 4 | 19 18 | 8 21 | 6 14 |
| S 26 | 18 50 | 5 57 | 5 5 | 16 26 | 1 38 | 20 4 | 0 58 | 20 58 | 1 58 | 17 34 | 0 31 | 16 35 | 0 51 | 22 8 | 0 2 | 10 35 | 1 40 | 20 51 | 9 9 | 22 59 | 23 5 | 19 17 | 8 20 | 6 14 |
| M27 | 18 35 | 1 17 | 5 14 | 15 49 | 1 32 | 19 47 | 1 0 | 21 4 | 1 58 | 17 30 | 0 31 | 16 36 | 0 51 | 22 8 | 0 2 | 10 35 | 1 40 | 20 51 | 9 10 | 23 0 | 23 5 | 19 15 | 8 18 | 6 14 |
| T 28 | 18 19 | 3s30 | 5 8 | 15 11 | 1 25 | 19 30 | 1 1 | 21 9 | 1 59 | 17 26 | 0 31 | 16 38 | 0 52 | 22 8 | 0 2 | 10 35 | 1 40 | 20 52 | 9 10 | 23 0 | 23 5 | 19 14 | 8 17 | 6 14 |
| W29 | 18 3 | 8 15 | 4 47 | 14 32 | 1 17 | 19 13 | 1 3 | 21 14 | 1 59 | 17 22 | 0 31 | 16 40 | 0 52 | 22 8 | 0 2 | 10 35 | 1 40 | 20 53 | 9 10 | 23 0 | 23 5 | 19 13 | 8 16 | 6 14 |
| T 30 | 17 47 | 12 47 | 4 12 | 13 52 | 1 8 | 18 54 | 1 5 | 21 20 | 1 59 | 17 18 | 0 31 | 16 41 | 0 52 | 22 8 | 0 2 | 10 35 | 1 40 | 20 53 | 9 10 | 23 0 | 23 5 | 19 12 | 8 14 | 6 14 |
| F 31 | 17s31 | 16s50 | 3n22 | 13s13 | 0s58 | 18s36 | 1s 6 | 21n25 | 1n59 | 17s14 | 0s31 | 16n43 | 0n52 | 22n 8 | 0s 2 | 10s35 | 1n40 | 20n54 | 9n10 | 23n 0 | 23n 6 | 19n10 | 8s13 | 6n13 |

Julian Day Number = 2615173.5, Delta T = 11m04s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'15, Lahiri = 30°07'15


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## FEBRUARY 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 44 5 | 11♒41'38 | 13♐51 | 28♒59 | 11♒53 | 27♉36 | 13♒42 | 16°R18 | 11°R50 | 2♏ 2 | 27°R30 | 10♋ 6 | 8♋42 | 15♌17 | 22♒ 9 | S 1 |
| S 2 | 8 48 2 | 12°42'39 | 28° 4 | 0♓23 | 13° 8 | 28° 0 | 13°57 | 16♌13 | 11♊49 | 2°R 2 | 27♌28 | 10° 8 | 8°38 | 15°23 | 22°14 | S 2 |
| M 3 | 8 51 59 | 13°43'39 | 12♑42 | 1°43 | 14°24 | 28°24 | 14°11 | 16° 9 | 11°48 | 2° 2 | 27°27 | 10°R 8 | 8°35 | 15°30 | 22°19 | M 3 |
| T 4 | 8 55 55 | 14°44'39 | 27°42 | 2°58 | 15°39 | 28°48 | 14°25 | 16° 4 | 11°47 | 2° 2 | 27°25 | 10° 7 | 8°32 | 15°37 | 22°23 | T 4 |
| W 5 | 8 59 52 | 15°45'38 | 12♒55 | 4° 7 | 16°54 | 29°12 | 14°39 | 15°59 | 11°47 | 2° 2 | 27°24 | 10° 4 | 8°29 | 15°43 | 22°28 | W 5 |
| T 6 | 9 3 48 | 16°46'35 | 28°12 | 5°11 | 18°10 | 29°37 | 14°54 | 15°54 | 11°46 | 2° 2 | 27°23 | 10° 0 | 8°26 | 15°50 | 22°33 | T 6 |
| F 7 | 9 7 45 | 17°47'32 | 13♓23 | 6° 7 | 19°25 | 0♊ 2 | 15° 8 | 15°49 | 11°45 | 2° 2 | 27°21 | 9°54 | 8°23 | 15°57 | 22°38 | F 7 |
| S 8 | 9 11 41 | 18°48'28 | 28°17 | 6°55 | 20°41 | 0°27 | 15°22 | 15°44 | 11°45 | 2° 2 | 27°20 | 9°48 | 8°19 | 16° 3 | 22°42 | S 8 |
| S 9 | 9 15 38 | 19°49'22 | 12♈47 | 7°35 | 21°56 | 0°53 | 15°36 | 15°39 | 11°44 | 2° 1 | 27°18 | 9°42 | 8°16 | 16°10 | 22°47 | S 9 |
| M10 | 9 19 34 | 20°50'16 | 26°48 | 8° 5 | 23°11 | 1°19 | 15°51 | 15°34 | 11°44 | 2° 1 | 27°17 | 9°38 | 8°13 | 16°17 | 22°52 | M10 |
| T 11 | 9 23 31 | 21°51'07 | 10♉21 | 8°25 | 24°27 | 1°45 | 16° 5 | 15°29 | 11°43 | 2° 1 | 27°15 | 9°36 | 8°10 | 16°23 | 22°57 | T 11 |
| W12 | 9 27 28 | 22°51'58 | 23°25 | 8°R35 | 25°42 | 2°11 | 16°19 | 15°24 | 11°43 | 2° 1 | 27°14 | 9°D35 | 8° 7 | 16°30 | 23° 1 | W12 |
| T 13 | 9 31 24 | 23°52'47 | 6♊ 7 | 8°33 | 26°57 | 2°38 | 16°33 | 15°19 | 11°42 | 2° 0 | 27°12 | 9°36 | 8° 4 | 16°37 | 23° 6 | T 13 |
| F 14 | 9 35 21 | 24°53'35 | 18°28 | 8°21 | 28°12 | 3° 5 | 16°47 | 15°15 | 11°42 | 2° 0 | 27°11 | 9°37 | 8° 0 | 16°43 | 23°11 | F 14 |
| S 15 | 9 39 17 | 25°54'21 | 0♋35 | 7°57 | 29°28 | 3°32 | 17° 2 | 15°10 | 11°42 | 1°59 | 27° 9 | 9°38 | 7°57 | 16°50 | 23°16 | S 15 |
| S 16 | 9 43 14 | 26°55'06 | 12°32 | 7°23 | 0♓43 | 3°59 | 17°16 | 15° 5 | 11°42 | 1°59 | 27° 8 | 9°R39 | 7°54 | 16°57 | 23°20 | S 16 |
| M17 | 9 47 10 | 27°55'49 | 24°24 | 6°40 | 1°58 | 4°26 | 17°30 | 15° 0 | 11°42 | 1°59 | 27° 7 | 9°37 | 7°51 | 17° 3 | 23°25 | M17 |
| T 18 | 9 51 7 | 28°56'31 | 6♌12 | 5°48 | 3°14 | 4°54 | 17°44 | 14°56 | 11°42 | 1°58 | 27° 5 | 9°34 | 7°48 | 17°10 | 23°30 | T 18 |
| W19 | 9 55 3 | 29°57'12 | 18° 1 | 4°50 | 4°29 | 5°22 | 17°58 | 14°51 | 11°D42 | 1°57 | 27° 4 | 9°28 | 7°44 | 17°17 | 23°35 | W19 |
| T 20 | 9 59 0 | 0♓57'51 | 29°52 | 3°45 | 5°44 | 5°50 | 18°12 | 14°46 | 11°42 | 1°57 | 27° 2 | 9°19 | 7°41 | 17°23 | 23°39 | T 20 |
| F 21 | 10 2 57 | 1°58'29 | 11♍47 | 2°38 | 6°59 | 6°18 | 18°26 | 14°42 | 11°42 | 1°56 | 27° 1 | 9°10 | 7°38 | 17°30 | 23°44 | F 21 |
| S 22 | 10 6 53 | 2°59'05 | 23°48 | 1°28 | 8°14 | 6°47 | 18°40 | 14°37 | 11°42 | 1°56 | 26°59 | 8°59 | 7°35 | 17°37 | 23°49 | S 22 |
| S 23 | 10 10 50 | 3°59'40 | 5♎56 | 0°19 | 9°29 | 7°16 | 18°54 | 14°33 | 11°42 | 1°55 | 26°58 | 8°48 | 7°32 | 17°43 | 23°53 | S 23 |
| M24 | 10 14 46 | 5° 0'14 | 18°12 | 29♒11 | 10°45 | 7°44 | 19° 8 | 14°28 | 11°42 | 1°54 | 26°56 | 8°38 | 7°29 | 17°50 | 23°58 | M24 |
| T 25 | 10 18 43 | 6° 0'46 | 0♏38 | 28° 7 | 12° 0 | 8°13 | 19°22 | 14°24 | 11°43 | 1°54 | 26°55 | 8°31 | 7°25 | 17°57 | 24° 3 | T 25 |
| W26 | 10 22 39 | 7° 1'18 | 13°17 | 27° 8 | 13°15 | 8°43 | 19°36 | 14°19 | 11°43 | 1°53 | 26°54 | 8°25 | 7°22 | 18° 3 | 24° 7 | W26 |
| T 27 | 10 26 36 | 8° 1'48 | 26°11 | 26°15 | 14°30 | 9°12 | 19°50 | 14°15 | 11°44 | 1°52 | 26°52 | 8°23 | 7°19 | 18°10 | 24°12 | T 27 |
| F 28 | 10 30 32 | 9° 2'17 | 9♐24 | 25°28 | 15°45 | 9°41 | 20° 4 | 14°11 | 11°44 | 1°51 | 26°51 | 8°D22 | 7°16 | 18°17 | 24°17 | F 28 |
| S 29 | 10 34 29 | 10♓ 2'44 | 22♐58 | 24♒49 | 17♓ 0 | 10♊11 | 20♒18 | 14♌ 7 | 11♊45 | 1♏50 | 26♌49 | 8♋22 | 7♋13 | 18♌23 | 24♒21 | S 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s14 | 20s 6 | 2n19 | 12s33 | 0s48 | 18s16 | 1s 8 | 21n30 | 1n59 | 17s10 | 0s31 | 16n44 | 0n52 | 22n 7 | 0s 2 | 10s35 | 1n40 | 20n55 | 9n10 | 23n 0 | 23n 6 | 19n 9 | 8s12 | 6n13 |
| S 2 | 16 57 | 22 16 | 1 6 | 11 53 | 0 36 | 17 56 | 1 9 | 21 36 | 1 59 | 17 6 | 0 31 | 16 46 | 0 52 | 22 7 | 0 2 | 10 35 | 1 40 | 20 55 | 9 11 | 23 0 | 23 6 | 19 8 | 8 10 | 6 13 |
| M 3 | 16 40 | 23 1 | 0s14 | 11 13 | 0 24 | 17 36 | 1 11 | 21 41 | 1 59 | 17 2 | 0 31 | 16 47 | 0 52 | 22 7 | 0 2 | 10 35 | 1 40 | 20 56 | 9 11 | 23 0 | 23 6 | 19 6 | 8 9 | 6 13 |
| T 4 | 16 22 | 22 7 | 1 34 | 10 34 | 0 11 | 17 15 | 1 12 | 21 47 | 1 59 | 16 58 | 0 31 | 16 49 | 0 52 | 22 7 | 0 2 | 10 35 | 1 40 | 20 56 | 9 11 | 23 0 | 23 6 | 19 5 | 8 8 | 6 13 |
| W 5 | 16 4 | 19 36 | 2 49 | 9 56 | 0n 3 | 16 54 | 1 13 | 21 52 | 1 59 | 16 54 | 0 32 | 16 51 | 0 52 | 22 7 | 0 2 | 10 35 | 1 40 | 20 57 | 9 11 | 23 0 | 23 7 | 19 4 | 8 6 | 6 13 |
| T 6 | 15 46 | 15 42 | 3 52 | 9 19 | 0 17 | 16 32 | 1 15 | 21 57 | 1 59 | 16 50 | 0 32 | 16 52 | 0 53 | 22 7 | 0 2 | 10 35 | 1 40 | 20 58 | 9 11 | 23 0 | 23 7 | 19 2 | 8 5 | 6 13 |
| F 7 | 15 28 | 10 48 | 4 38 | 8 45 | 0 32 | 16 10 | 1 16 | 22 3 | 1 59 | 16 46 | 0 32 | 16 54 | 0 53 | 22 7 | 0 2 | 10 35 | 1 40 | 20 58 | 9 11 | 23 1 | 23 7 | 19 1 | 8 3 | 6 13 |
| S 8 | 15 9 | 5 20 | 5 4 | 8 12 | 0 48 | 15 47 | 1 17 | 22 8 | 1 59 | 16 42 | 0 32 | 16 55 | 0 53 | 22 7 | 0 2 | 10 35 | 1 40 | 20 59 | 9 11 | 23 1 | 23 7 | 19 0 | 8 2 | 6 13 |
| S 9 | 14 50 | 0n16 | 5 10 | 7 42 | 1 5 | 15 24 | 1 18 | 22 14 | 1 59 | 16 38 | 0 32 | 16 57 | 0 53 | 22 7 | 0 2 | 10 34 | 1 40 | 21 0 | 9 12 | 23 2 | 23 7 | 18 58 | 8 0 | 6 13 |
| M10 | 14 31 | 5 41 | 4 57 | 7 15 | 1 22 | 15 0 | 1 19 | 22 19 | 1 59 | 16 33 | 0 32 | 16 58 | 0 53 | 22 7 | 0 2 | 10 34 | 1 41 | 21 0 | 9 12 | 23 2 | 23 8 | 18 57 | 7 59 | 6 13 |
| T 11 | 14 11 | 10 39 | 4 27 | 6 52 | 1 38 | 14 36 | 1 20 | 22 24 | 1 59 | 16 29 | 0 32 | 17 0 | 0 53 | 22 7 | 0 2 | 10 34 | 1 41 | 21 1 | 9 12 | 23 2 | 23 8 | 18 56 | 7 58 | 6 13 |
| W12 | 13 52 | 14 58 | 3 44 | 6 33 | 1 55 | 14 12 | 1 21 | 22 29 | 1 59 | 16 25 | 0 32 | 17 1 | 0 53 | 22 7 | 0 2 | 10 34 | 1 41 | 21 1 | 9 12 | 23 2 | 23 8 | 18 54 | 7 56 | 6 12 |
| T 13 | 13 32 | 18 27 | 2 52 | 6 18 | 2 12 | 13 47 | 1 22 | 22 35 | 1 59 | 16 21 | 0 32 | 17 3 | 0 53 | 22 7 | 0 2 | 10 34 | 1 41 | 21 2 | 9 12 | 23 2 | 23 8 | 18 53 | 7 55 | 6 12 |
| F 14 | 13 12 | 21 1 | 1 52 | 6 8 | 2 28 | 13 22 | 1 23 | 22 40 | 1 59 | 16 17 | 0 32 | 17 4 | 0 53 | 22 7 | 0 2 | 10 34 | 1 41 | 21 3 | 9 12 | 23 2 | 23 8 | 18 52 | 7 53 | 6 12 |
| S 15 | 12 51 | 22 34 | 0 49 | 6 2 | 2 43 | 12 56 | 1 23 | 22 45 | 1 59 | 16 13 | 0 32 | 17 6 | 0 53 | 22 7 | 0 2 | 10 33 | 1 41 | 21 3 | 9 12 | 23 2 | 23 9 | 18 50 | 7 52 | 6 12 |
| S 16 | 12 31 | 23 3 | 0n16 | 6 2 | 2 57 | 12 30 | 1 24 | 22 50 | 1 59 | 16 8 | 0 33 | 17 7 | 0 53 | 22 7 | 0 2 | 10 33 | 1 41 | 21 4 | 9 12 | 23 2 | 23 9 | 18 49 | 7 50 | 6 12 |
| M17 | 12 10 | 22 29 | 1 19 | 6 6 | 3 10 | 12 4 | 1 25 | 22 55 | 1 59 | 16 4 | 0 33 | 17 9 | 0 54 | 22 7 | 0 2 | 10 33 | 1 41 | 21 4 | 9 12 | 23 2 | 23 9 | 18 47 | 7 49 | 6 12 |
| T 18 | 11 49 | 20 55 | 2 18 | 6 15 | 3 20 | 11 37 | 1 25 | 23 0 | 1 58 | 16 0 | 0 33 | 17 10 | 0 54 | 22 7 | 0 1 | 10 33 | 1 41 | 21 5 | 9 12 | 23 2 | 23 9 | 18 46 | 7 47 | 6 12 |
| W19 | 11 28 | 18 26 | 3 12 | 6 28 | 3 29 | 11 10 | 1 26 | 23 5 | 1 58 | 15 56 | 0 33 | 17 12 | 0 54 | 22 7 | 0 1 | 10 33 | 1 41 | 21 5 | 9 12 | 23 3 | 23 9 | 18 45 | 7 46 | 6 12 |
| T 20 | 11 6 | 15 11 | 3 57 | 6 45 | 3 36 | 10 43 | 1 26 | 23 10 | 1 58 | 15 52 | 0 33 | 17 13 | 0 54 | 22 7 | 0 1 | 10 32 | 1 41 | 21 6 | 9 12 | 23 3 | 23 9 | 18 43 | 7 44 | 6 12 |
| F 21 | 10 45 | 11 18 | 4 31 | 7 5 | 3 40 | 10 16 | 1 26 | 23 15 | 1 58 | 15 47 | 0 33 | 17 15 | 0 54 | 22 7 | 0 1 | 10 32 | 1 41 | 21 7 | 9 13 | 23 4 | 23 10 | 18 42 | 7 43 | 6 12 |
| S 22 | 10 23 | 6 58 | 4 55 | 7 28 | 3 42 | 9 48 | 1 27 | 23 20 | 1 58 | 15 43 | 0 33 | 17 16 | 0 54 | 22 7 | 0 1 | 10 32 | 1 41 | 21 7 | 9 13 | 23 5 | 23 10 | 18 40 | 7 41 | 6 12 |
| S 23 | 10 1 | 2 19 | 5 5 | 7 53 | 3 41 | 9 20 | 1 27 | 23 24 | 1 58 | 15 39 | 0 33 | 17 17 | 0 54 | 22 7 | 0 1 | 10 32 | 1 41 | 21 8 | 9 13 | 23 5 | 23 10 | 18 39 | 7 40 | 6 12 |
| M24 | 9 39 | 2s29 | 5 1 | 8 19 | 3 38 | 8 52 | 1 27 | 23 29 | 1 58 | 15 35 | 0 33 | 17 19 | 0 54 | 22 7 | 0 1 | 10 31 | 1 41 | 21 8 | 9 13 | 23 6 | 23 10 | 18 37 | 7 38 | 6 12 |
| T 25 | 9 17 | 7 15 | 4 43 | 8 45 | 3 33 | 8 23 | 1 27 | 23 33 | 1 57 | 15 30 | 0 33 | 17 20 | 0 54 | 22 7 | 0 1 | 10 31 | 1 41 | 21 9 | 9 13 | 23 6 | 23 10 | 18 36 | 7 36 | 6 12 |
| W26 | 8 55 | 11 48 | 4 11 | 9 12 | 3 27 | 7 55 | 1 27 | 23 38 | 1 57 | 15 26 | 0 34 | 17 21 | 0 54 | 22 7 | 0 1 | 10 31 | 1 41 | 21 9 | 9 13 | 23 7 | 23 11 | 18 35 | 7 35 | 6 13 |
| T 27 | 8 32 | 15 55 | 3 26 | 9 38 | 3 18 | 7 26 | 1 27 | 23 42 | 1 57 | 15 22 | 0 34 | 17 23 | 0 54 | 22 7 | 0 1 | 10 30 | 1 41 | 21 10 | 9 13 | 23 7 | 23 11 | 18 33 | 7 33 | 6 13 |
| F 28 | 8 10 | 19 22 | 2 28 | 10 2 | 3 8 | 6 57 | 1 27 | 23 47 | 1 57 | 15 18 | 0 34 | 17 24 | 0 54 | 22 7 | 0 1 | 10 30 | 1 42 | 21 10 | 9 13 | 23 7 | 23 11 | 18 32 | 7 32 | 6 13 |
| S 29 | 7s47 | 21s50 | 1n21 | 10s26 | 2n57 | 6s27 | 1s27 | 23n51 | 1n57 | 15s13 | 0s34 | 17n25 | 0n54 | 22n 7 | 0s 1 | 10s30 | 1n42 | 21n11 | 9n13 | 23n 7 | 23n11 | 18n30 | 7s30 | 6n13 |

Julian Day Number = 2615204.5, Delta T = 11m05s
Ecliptic obliquity = 23°22'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'19, Lahiri = 30°07'20


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## MARCH 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 38 26 | 11♓ 3'11 | 6♉56 | 24°R16 | 18♓15 | 10♊41 | 20♒32 | 14°R 2 | 11♊45 | 1°R49 | 26°R48 | 8°R23 | 7♋10 | 18♌30 | 24♒26 | S 1 |
| M 2 | 10 42 22 | 12° 3'36 | 21°18 | 23♒51 | 19°30 | 11°11 | 20°46 | 13♌58 | 11°46 | 1♏49 | 26♌46 | 8♋22 | 7° 6 | 18°37 | 24°30 | M 2 |
| T 3 | 10 46 19 | 13° 3'59 | 6♒ 1 | 23°34 | 20°45 | 11°41 | 20°59 | 13°54 | 11°46 | 1°48 | 26°45 | 8°19 | 7° 3 | 18°43 | 24°35 | T 3 |
| W 4 | 10 50 15 | 14° 4'22 | 21° 2 | 23°24 | 22° 0 | 12°11 | 21°13 | 13°50 | 11°47 | 1°47 | 26°44 | 8°14 | 7° 0 | 18°50 | 24°39 | W 4 |
| T 5 | 10 54 12 | 15° 4'42 | 6♓13 | 23°D21 | 23°15 | 12°42 | 21°27 | 13°47 | 11°48 | 1°46 | 26°42 | 8° 6 | 6°57 | 18°57 | 24°44 | T 5 |
| F 6 | 10 58 8 | 16° 5'01 | 21°22 | 23°24 | 24°30 | 13°12 | 21°40 | 13°43 | 11°49 | 1°45 | 26°41 | 7°56 | 6°54 | 19° 4 | 24°49 | F 6 |
| S 7 | 11 2 5 | 17° 5'18 | 6♈21 | 23°34 | 25°45 | 13°43 | 21°54 | 13°39 | 11°50 | 1°44 | 26°40 | 7°45 | 6°50 | 19°10 | 24°53 | S 7 |
| S 8 | 11 6 1 | 18° 5'33 | 20°59 | 23°49 | 27° 0 | 14°14 | 22° 8 | 13°35 | 11°51 | 1°43 | 26°38 | 7°35 | 6°47 | 19°17 | 24°57 | S 8 |
| M 9 | 11 9 58 | 19° 5'47 | 5♉ 9 | 24°11 | 28°15 | 14°45 | 22°21 | 13°32 | 11°52 | 1°41 | 26°37 | 7°26 | 6°44 | 19°24 | 25° 2 | M 9 |
| T 10 | 11 13 55 | 20° 5'58 | 18°51 | 24°37 | 29°30 | 15°16 | 22°35 | 13°28 | 11°53 | 1°40 | 26°36 | 7°20 | 6°41 | 19°30 | 25° 6 | T 10 |
| W11 | 11 17 51 | 21° 6'08 | 2♊ 3 | 25° 8 | 0♈45 | 15°47 | 22°48 | 13°25 | 11°54 | 1°39 | 26°34 | 7°16 | 6°38 | 19°37 | 25°11 | W11 |
| T 12 | 11 21 48 | 22° 6'15 | 14°48 | 25°44 | 2° 0 | 16°19 | 23° 1 | 13°22 | 11°55 | 1°38 | 26°33 | 7°15 | 6°35 | 19°44 | 25°15 | T 12 |
| F 13 | 11 25 44 | 23° 6'20 | 27°11 | 26°24 | 3°15 | 16°50 | 23°15 | 13°19 | 11°56 | 1°37 | 26°32 | 7°D15 | 6°31 | 19°50 | 25°19 | F 13 |
| S 14 | 11 29 41 | 24° 6'24 | 9♋18 | 27° 8 | 4°29 | 17°22 | 23°28 | 13°15 | 11°57 | 1°36 | 26°30 | 7°R15 | 6°28 | 19°57 | 25°24 | S 14 |
| S 15 | 11 33 37 | 25° 6'25 | 21°13 | 27°55 | 5°44 | 17°54 | 23°41 | 13°12 | 11°59 | 1°34 | 26°29 | 7°14 | 6°25 | 20° 4 | 25°28 | S 15 |
| M16 | 11 37 34 | 26° 6'24 | 3♌ 2 | 28°46 | 6°59 | 18°25 | 23°54 | 13° 9 | 12° 0 | 1°33 | 26°28 | 7°11 | 6°22 | 20°10 | 25°32 | M16 |
| T 17 | 11 41 30 | 27° 6'21 | 14°50 | 29°40 | 8°14 | 18°57 | 24° 8 | 13° 7 | 12° 1 | 1°32 | 26°27 | 7° 6 | 6°19 | 20°17 | 25°36 | T 17 |
| W18 | 11 45 27 | 28° 6'15 | 26°40 | 0♓37 | 9°28 | 19°29 | 24°21 | 13° 4 | 12° 3 | 1°31 | 26°25 | 6°58 | 6°16 | 20°24 | 25°41 | W18 |
| T 19 | 11 49 23 | 29° 6'08 | 8♍35 | 1°37 | 10°43 | 20° 1 | 24°34 | 13° 1 | 12° 4 | 1°29 | 26°24 | 6°47 | 6°12 | 20°30 | 25°45 | T 19 |
| F 20 | 11 53 20 | 0♈ 5'59 | 20°37 | 2°39 | 11°58 | 20°34 | 24°47 | 12°59 | 12° 6 | 1°28 | 26°23 | 6°34 | 6° 9 | 20°37 | 25°49 | F 20 |
| S 21 | 11 57 17 | 1° 5'47 | 2♎49 | 3°44 | 13°12 | 21° 6 | 24°59 | 12°56 | 12° 8 | 1°27 | 26°22 | 6°20 | 6° 6 | 20°44 | 25°53 | S 21 |
| S 22 | 12 1 13 | 2° 5'34 | 15° 9 | 4°51 | 14°27 | 21°38 | 25°12 | 12°54 | 12° 9 | 1°25 | 26°21 | 6° 6 | 6° 3 | 20°50 | 25°57 | S 22 |
| M23 | 12 5 10 | 3° 5'19 | 27°40 | 6° 1 | 15°41 | 22°11 | 25°25 | 12°52 | 12°11 | 1°24 | 26°20 | 5°53 | 6° 0 | 20°57 | 26° 1 | M23 |
| T 24 | 12 9 6 | 4° 5'02 | 10♏21 | 7°12 | 16°56 | 22°43 | 25°38 | 12°49 | 12°13 | 1°23 | 26°19 | 5°42 | 5°56 | 21° 4 | 26° 5 | T 24 |
| W25 | 12 13 3 | 5° 4'43 | 23°12 | 8°26 | 18°10 | 23°16 | 25°50 | 12°47 | 12°14 | 1°21 | 26°17 | 5°35 | 5°53 | 21°10 | 26° 9 | W25 |
| T 26 | 12 16 59 | 6° 4'23 | 6♐16 | 9°41 | 19°25 | 23°49 | 26° 3 | 12°45 | 12°16 | 1°20 | 26°16 | 5°30 | 5°50 | 21°17 | 26°13 | T 26 |
| F 27 | 12 20 56 | 7° 4'01 | 19°33 | 10°58 | 20°39 | 24°22 | 26°15 | 12°43 | 12°18 | 1°18 | 26°15 | 5°28 | 5°47 | 21°24 | 26°17 | F 27 |
| S 28 | 12 24 52 | 8° 3'37 | 3♑ 6 | 12°17 | 21°54 | 24°54 | 26°28 | 12°42 | 12°20 | 1°17 | 26°14 | 5°27 | 5°44 | 21°31 | 26°21 | S 28 |
| S 29 | 12 28 49 | 9° 3'12 | 16°55 | 13°38 | 23° 8 | 25°27 | 26°40 | 12°40 | 12°22 | 1°15 | 26°13 | 5°27 | 5°41 | 21°37 | 26°24 | S 29 |
| M30 | 12 32 46 | 10° 2'44 | 1♒ 3 | 15° 0 | 24°23 | 26° 1 | 26°53 | 12°38 | 12°24 | 1°14 | 26°12 | 5°26 | 5°37 | 21°44 | 26°28 | M30 |
| T 31 | 12 36 42 | 11♈ 2'16 | 15♒27 | 16♓24 | 25♈37 | 26♊34 | 27♒ 5 | 12♌37 | 12♊26 | 1♏12 | 26♌11 | 5♋23 | 5♋34 | 21♌51 | 26♒32 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s24 | 23s 4 | 0n 8 | 10s48 | 2n45 | 5s58 | 1s27 | 23n55 | 1n57 | 15s 9 | 0s34 | 17n27 | 0n54 | 22n 7 | 0s 1 | 10s29 | 1n42 | 21n11 | 9n13 | 23n 7 | 23n11 | 18n29 | 7s29 | 6n13 |
| M 2 | 7 1 | 22 50 | 1s 8 | 11 8 | 2 33 | 5 28 | 1 26 | 23 59 | 1 56 | 15 5 | 0 34 | 17 28 | 0 54 | 22 7 | 0 1 | 10 29 | 1 42 | 21 12 | 9 13 | 23 7 | 23 11 | 18 27 | 7 27 | 6 13 |
| T 3 | 6 38 | 21 1 | 2 22 | 11 26 | 2 20 | 4 58 | 1 26 | 24 3 | 1 56 | 15 0 | 0 34 | 17 29 | 0 54 | 22 7 | 0 1 | 10 29 | 1 42 | 21 12 | 9 13 | 23 7 | 23 12 | 18 26 | 7 26 | 6 13 |
| W 4 | 6 15 | 17 43 | 3 27 | 11 42 | 2 6 | 4 28 | 1 26 | 24 7 | 1 56 | 14 56 | 0 34 | 17 30 | 0 54 | 22 7 | 0 1 | 10 28 | 1 42 | 21 13 | 9 13 | 23 8 | 23 12 | 18 24 | 7 24 | 6 13 |
| T 5 | 5 52 | 13 12 | 4 17 | 11 56 | 1 53 | 3 58 | 1 25 | 24 11 | 1 56 | 14 52 | 0 35 | 17 31 | 0 55 | 22 8 | 0 1 | 10 28 | 1 42 | 21 13 | 9 13 | 23 8 | 23 12 | 18 23 | 7 22 | 6 13 |
| F 6 | 5 29 | 7 51 | 4 50 | 12 7 | 1 39 | 3 28 | 1 24 | 24 14 | 1 55 | 14 48 | 0 35 | 17 32 | 0 55 | 22 8 | 0 1 | 10 27 | 1 42 | 21 14 | 9 13 | 23 9 | 23 12 | 18 21 | 7 21 | 6 13 |
| S 7 | 5 5 | 2 7 | 5 2 | 12 17 | 1 26 | 2 58 | 1 24 | 24 18 | 1 55 | 14 43 | 0 35 | 17 33 | 0 55 | 22 8 | 0 1 | 10 27 | 1 42 | 21 14 | 9 13 | 23 9 | 23 12 | 18 20 | 7 19 | 6 13 |
| S 8 | 4 42 | 3n37 | 4 54 | 12 25 | 1 12 | 2 28 | 1 23 | 24 21 | 1 55 | 14 39 | 0 35 | 17 35 | 0 55 | 22 8 | 0 1 | 10 27 | 1 42 | 21 15 | 9 13 | 23 10 | 23 12 | 18 19 | 7 18 | 6 13 |
| M 9 | 4 18 | 9 0 | 4 28 | 12 30 | 0 59 | 1 57 | 1 22 | 24 25 | 1 55 | 14 35 | 0 35 | 17 36 | 0 55 | 22 8 | 0 1 | 10 26 | 1 42 | 21 15 | 9 13 | 23 10 | 23 13 | 18 17 | 7 16 | 6 14 |
| T 10 | 3 55 | 13 44 | 3 47 | 12 34 | 0 46 | 1 27 | 1 22 | 24 28 | 1 55 | 14 31 | 0 35 | 17 37 | 0 55 | 22 8 | 0 1 | 10 26 | 1 42 | 21 16 | 9 13 | 23 11 | 23 13 | 18 16 | 7 15 | 6 14 |
| W11 | 3 31 | 17 39 | 2 55 | 12 35 | 0 34 | 0 56 | 1 21 | 24 31 | 1 54 | 14 26 | 0 35 | 17 38 | 0 55 | 22 8 | 0 1 | 10 25 | 1 42 | 21 16 | 9 13 | 23 11 | 23 13 | 18 14 | 7 13 | 6 14 |
| T 12 | 3 8 | 20 36 | 1 56 | 12 35 | 0 21 | 0 26 | 1 20 | 24 34 | 1 54 | 14 22 | 0 35 | 17 39 | 0 55 | 22 9 | 0 1 | 10 25 | 1 42 | 21 17 | 9 13 | 23 11 | 23 13 | 18 12 | 7 12 | 6 14 |
| F 13 | 2 44 | 22 28 | 0 53 | 12 32 | 0 9 | 0n 5 | 1 19 | 24 37 | 1 54 | 14 18 | 0 36 | 17 40 | 0 55 | 22 9 | 0 1 | 10 24 | 1 42 | 21 17 | 9 13 | 23 11 | 23 13 | 18 11 | 7 10 | 6 14 |
| S 14 | 2 20 | 23 14 | 0n11 | 12 28 | 0s 2 | 0 35 | 1 18 | 24 40 | 1 54 | 14 14 | 0 36 | 17 40 | 0 55 | 22 9 | 0 1 | 10 24 | 1 42 | 21 17 | 9 13 | 23 11 | 23 13 | 18 9 | 7 8 | 6 14 |
| S 15 | 1 56 | 22 55 | 1 13 | 12 22 | 0 13 | 1 6 | 1 17 | 24 43 | 1 53 | 14 9 | 0 36 | 17 41 | 0 55 | 22 9 | 0 1 | 10 24 | 1 42 | 21 18 | 9 12 | 23 11 | 23 14 | 18 8 | 7 7 | 6 14 |
| M16 | 1 33 | 21 34 | 2 12 | 12 15 | 0 24 | 1 36 | 1 15 | 24 45 | 1 53 | 14 5 | 0 36 | 17 42 | 0 55 | 22 9 | 0 1 | 10 23 | 1 42 | 21 18 | 9 12 | 23 11 | 23 14 | 18 6 | 7 5 | 6 15 |
| T 17 | 1 9 | 19 17 | 3 5 | 12 6 | 0 34 | 2 7 | 1 14 | 24 48 | 1 53 | 14 1 | 0 36 | 17 43 | 0 55 | 22 9 | 0 1 | 10 23 | 1 42 | 21 18 | 9 12 | 23 11 | 23 14 | 18 5 | 7 4 | 6 15 |
| W18 | 0 45 | 16 12 | 3 50 | 11 55 | 0 44 | 2 38 | 1 13 | 24 50 | 1 53 | 13 57 | 0 36 | 17 44 | 0 55 | 22 10 | 0 1 | 10 22 | 1 42 | 21 19 | 9 12 | 23 12 | 23 14 | 18 3 | 7 2 | 6 15 |
| T 19 | 0 21 | 12 25 | 4 25 | 11 42 | 0 53 | 3 8 | 1 12 | 24 52 | 1 52 | 13 52 | 0 36 | 17 45 | 0 55 | 22 10 | 0 1 | 10 22 | 1 42 | 21 19 | 9 12 | 23 12 | 23 14 | 18 2 | 7 1 | 6 15 |
| F 20 | 0n 2 | 8 8 | 4 48 | 11 28 | 1 2 | 3 38 | 1 10 | 24 54 | 1 52 | 13 48 | 0 36 | 17 45 | 0 55 | 22 10 | 0 1 | 10 21 | 1 42 | 21 20 | 9 12 | 23 13 | 23 14 | 18 0 | 6 59 | 6 15 |
| S 21 | 0 26 | 3 28 | 4 59 | 11 13 | 1 11 | 4 9 | 1 9 | 24 56 | 1 52 | 13 44 | 0 37 | 17 46 | 0 55 | 22 10 | 0 1 | 10 21 | 1 42 | 21 20 | 9 12 | 23 14 | 23 14 | 17 59 | 6 58 | 6 15 |
| S 22 | 0 50 | 1s24 | 4 56 | 10 56 | 1 19 | 4 39 | 1 7 | 24 58 | 1 51 | 13 40 | 0 37 | 17 47 | 0 55 | 22 11 | 0 1 | 10 20 | 1 43 | 21 20 | 9 12 | 23 14 | 23 15 | 17 57 | 6 56 | 6 16 |
| M23 | 1 14 | 6 17 | 4 39 | 10 37 | 1 26 | 5 9 | 1 6 | 25 0 | 1 51 | 13 36 | 0 37 | 17 47 | 0 55 | 22 11 | 0 1 | 10 20 | 1 43 | 21 21 | 9 12 | 23 15 | 23 15 | 17 56 | 6 55 | 6 16 |
| T 24 | 1 37 | 10 58 | 4 7 | 10 18 | 1 33 | 5 39 | 1 4 | 25 2 | 1 51 | 13 32 | 0 37 | 17 48 | 0 55 | 22 11 | 0 1 | 10 19 | 1 43 | 21 21 | 9 12 | 23 16 | 23 15 | 17 54 | 6 53 | 6 16 |
| W25 | 2 1 | 15 15 | 3 23 | 9 56 | 1 40 | 6 9 | 1 2 | 25 3 | 1 51 | 13 28 | 0 37 | 17 49 | 0 55 | 22 11 | 0 1 | 10 19 | 1 43 | 21 21 | 9 12 | 23 16 | 23 15 | 17 52 | 6 52 | 6 16 |
| T 26 | 2 24 | 18 53 | 2 28 | 9 34 | 1 46 | 6 39 | 1 1 | 25 4 | 1 50 | 13 23 | 0 37 | 17 49 | 0 55 | 22 11 | 0 1 | 10 18 | 1 43 | 21 21 | 9 12 | 23 16 | 23 15 | 17 51 | 6 50 | 6 16 |
| F 27 | 2 48 | 21 36 | 1 23 | 9 10 | 1 52 | 7 8 | 0 59 | 25 6 | 1 50 | 13 19 | 0 37 | 17 50 | 0 55 | 22 12 | 0 1 | 10 18 | 1 43 | 21 22 | 9 12 | 23 16 | 23 15 | 17 49 | 6 49 | 6 17 |
| S 28 | 3 11 | 23 8 | 0 12 | 8 45 | 1 58 | 7 38 | 0 57 | 25 7 | 1 50 | 13 15 | 0 38 | 17 50 | 0 55 | 22 12 | 0 1 | 10 17 | 1 43 | 21 22 | 9 11 | 23 16 | 23 15 | 17 48 | 6 47 | 6 17 |
| S 29 | 3 35 | 23 19 | 1s 0 | 8 18 | 2 2 | 8 7 | 0 55 | 25 8 | 1 49 | 13 11 | 0 38 | 17 51 | 0 55 | 22 12 | 0 1 | 10 17 | 1 43 | 21 22 | 9 11 | 23 16 | 23 16 | 17 46 | 6 46 | 6 17 |
| M30 | 3 58 | 22 0 | 2 11 | 7 51 | 2 7 | 8 36 | 0 53 | 25 8 | 1 49 | 13 7 | 0 38 | 17 51 | 0 55 | 22 13 | 0 1 | 10 16 | 1 43 | 21 22 | 9 11 | 23 16 | 23 16 | 17 44 | 6 44 | 6 17 |
| T 31 | 4n21 | 19s15 | 3s14 | 7s22 | 2s11 | 9n 5 | 0s51 | 25n 9 | 1n49 | 13s 3 | 0s38 | 17n52 | 0n55 | 22n13 | 0s 1 | 10s15 | 1n43 | 21n23 | 9n11 | 23n16 | 23n16 | 17n43 | 6s43 | 6n18 |

Julian Day Number = 2615233.5, Delta T = 11m05s
Ecliptic obliquity = 23°22'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'23, Lahiri = 30°07'24


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## APRIL 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 40 39 | 12♈ 1'45 | 0♓ 7 | 17♓50 | 26♈51 | 27♊ 7 | 27♒17 | 12°R36 | 12♊28 | 1°R11 | 26°R10 | 5°R17 | 5♋31 | 21♌57 | 26♒35 | W 1 |
| T 2 | 12 44 35 | 13° 1'12 | 14°55 | 19°17 | 28° 6 | 27°40 | 27°29 | 12♌34 | 12°30 | 1♏ 9 | 26♌ 9 | 5♋ 9 | 5°28 | 22° 4 | 26°39 | T 2 |
| F 3 | 12 48 32 | 14° 0'38 | 29°46 | 20°45 | 29°20 | 28°14 | 27°41 | 12°33 | 12°32 | 1° 8 | 26° 9 | 4°58 | 5°25 | 22°11 | 26°43 | F 3 |
| S 4 | 12 52 28 | 15° 0'02 | 14♈30 | 22°15 | 0♉34 | 28°47 | 27°53 | 12°32 | 12°34 | 1° 6 | 26° 8 | 4°46 | 5°21 | 22°17 | 26°46 | S 4 |
| S 5 | 12 56 25 | 15°59'23 | 28°59 | 23°47 | 1°48 | 29°21 | 28° 5 | 12°31 | 12°37 | 1° 5 | 26° 7 | 4°35 | 5°18 | 22°24 | 26°50 | S 5 |
| M 6 | 13 0 21 | 16°58'43 | 13♉ 6 | 25°20 | 3° 3 | 29°54 | 28°16 | 12°31 | 12°39 | 1° 3 | 26° 6 | 4°25 | 5°15 | 22°31 | 26°53 | M 6 |
| T 7 | 13 4 18 | 17°58'00 | 26°48 | 26°54 | 4°17 | 0♋28 | 28°28 | 12°30 | 12°41 | 1° 1 | 26° 5 | 4°18 | 5°12 | 22°37 | 26°57 | T 7 |
| W 8 | 13 8 15 | 18°57'16 | 10♊ 3 | 28°30 | 5°31 | 1° 1 | 28°40 | 12°29 | 12°44 | 1° 0 | 26° 4 | 4°13 | 5° 9 | 22°44 | 27° 0 | W 8 |
| T 9 | 13 12 11 | 19°56'29 | 22°52 | 0♈ 7 | 6°45 | 1°35 | 28°51 | 12°29 | 12°46 | 0°58 | 26° 4 | 4°11 | 5° 6 | 22°51 | 27° 3 | T 9 |
| F 10 | 13 16 8 | 20°55'40 | 5♋19 | 1°46 | 7°59 | 2° 9 | 29° 2 | 12°28 | 12°49 | 0°57 | 26° 3 | 4°D11 | 5° 2 | 22°57 | 27° 6 | F 10 |
| S 11 | 13 20 4 | 21°54'48 | 17°29 | 3°26 | 9°13 | 2°43 | 29°14 | 12°28 | 12°51 | 0°55 | 26° 2 | 4°R11 | 4°59 | 23° 4 | 27°10 | S 11 |
| S 12 | 13 24 1 | 22°53'54 | 29°26 | 5° 8 | 10°27 | 3°17 | 29°25 | 12°28 | 12°54 | 0°53 | 26° 2 | 4°11 | 4°56 | 23°11 | 27°13 | S 12 |
| M13 | 13 27 57 | 23°52'58 | 11♌17 | 6°51 | 11°41 | 3°51 | 29°36 | 12°D28 | 12°56 | 0°52 | 26° 1 | 4° 9 | 4°53 | 23°17 | 27°16 | M13 |
| T 14 | 13 31 54 | 24°52'00 | 23° 6 | 8°35 | 12°55 | 4°25 | 29°47 | 12°28 | 12°59 | 0°50 | 26° 0 | 4° 6 | 4°50 | 23°24 | 27°19 | T 14 |
| W15 | 13 35 50 | 25°50'59 | 4♍59 | 10°21 | 14° 9 | 4°59 | 29°58 | 12°28 | 13° 1 | 0°48 | 26° 0 | 3°59 | 4°47 | 23°31 | 27°22 | W15 |
| T 16 | 13 39 47 | 26°49'56 | 16°58 | 12° 9 | 15°23 | 5°33 | 0♓ 9 | 12°29 | 13° 4 | 0°47 | 25°59 | 3°51 | 4°43 | 23°38 | 27°25 | T 16 |
| F 17 | 13 43 44 | 27°48'51 | 29° 8 | 13°58 | 16°37 | 6° 8 | 0°20 | 12°29 | 13° 7 | 0°45 | 25°58 | 3°40 | 4°40 | 23°44 | 27°28 | F 17 |
| S 18 | 13 47 40 | 28°47'44 | 11♎29 | 15°48 | 17°51 | 6°42 | 0°30 | 12°29 | 13° 9 | 0°44 | 25°58 | 3°28 | 4°37 | 23°51 | 27°31 | S 18 |
| S 19 | 13 51 37 | 29°46'35 | 24° 4 | 17°40 | 19° 4 | 7°16 | 0°41 | 12°30 | 13°12 | 0°42 | 25°57 | 3°17 | 4°34 | 23°58 | 27°33 | S 19 |
| M20 | 13 55 33 | 0♉45'24 | 6♏52 | 19°33 | 20°18 | 7°51 | 0°51 | 12°31 | 13°15 | 0°40 | 25°57 | 3° 6 | 4°31 | 24° 4 | 27°36 | M20 |
| T 21 | 13 59 30 | 1°44'11 | 19°53 | 21°28 | 21°32 | 8°25 | 1° 1 | 12°32 | 13°18 | 0°39 | 25°56 | 2°57 | 4°27 | 24°11 | 27°39 | T 21 |
| W22 | 14 3 26 | 2°42'56 | 3♐ 5 | 23°25 | 22°46 | 8°59 | 1°12 | 12°33 | 13°20 | 0°37 | 25°56 | 2°51 | 4°24 | 24°18 | 27°41 | W22 |
| T 23 | 14 7 23 | 3°41'39 | 16°28 | 25°23 | 23°59 | 9°34 | 1°22 | 12°34 | 13°23 | 0°35 | 25°56 | 2°48 | 4°21 | 24°24 | 27°44 | T 23 |
| F 24 | 14 11 19 | 4°40'20 | 0♑ 2 | 27°22 | 25°13 | 10° 8 | 1°32 | 12°35 | 13°26 | 0°34 | 25°55 | 2°D47 | 4°18 | 24°31 | 27°47 | F 24 |
| S 25 | 14 15 16 | 5°39'00 | 13°46 | 29°23 | 26°26 | 10°43 | 1°41 | 12°36 | 13°29 | 0°32 | 25°55 | 2°47 | 4°15 | 24°38 | 27°49 | S 25 |
| S 26 | 14 19 13 | 6°37'39 | 27°40 | 1♉25 | 27°40 | 11°18 | 1°51 | 12°37 | 13°32 | 0°30 | 25°55 | 2°48 | 4°12 | 24°44 | 27°51 | S 26 |
| M27 | 14 23 9 | 7°36'15 | 11♒43 | 3°29 | 28°53 | 11°52 | 2° 1 | 12°39 | 13°35 | 0°29 | 25°54 | 2°R48 | 4° 8 | 24°51 | 27°54 | M27 |
| T 28 | 14 27 6 | 8°34'50 | 25°56 | 5°33 | 0♊ 7 | 12°27 | 2°10 | 12°41 | 13°38 | 0°27 | 25°54 | 2°47 | 4° 5 | 24°58 | 27°56 | T 28 |
| W29 | 14 31 2 | 9°33'24 | 10♓17 | 7°39 | 1°20 | 13° 2 | 2°20 | 12°42 | 13°41 | 0°25 | 25°54 | 2°43 | 4° 2 | 25° 5 | 27°58 | W29 |
| T 30 | 14 34 59 | 10♉31'55 | 24♓41 | 9♉46 | 2♊34 | 13♋37 | 2♓29 | 12♌44 | 13♊44 | 0♏24 | 25♌54 | 2♋38 | 3♋59 | 25♌11 | 28♒ 0 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n45 | 15s15 | 4s 6 | 6s52 | 2s14 | 9n34 | 0s49 | 25n 9 | 1n48 | 12s59 | 0s38 | 17n52 | 0n55 | 22n13 | 0s 1 | 10s15 | 1n43 | 21n23 | 9n11 | 23n17 | 23n16 | 17n41 | 6s41 | 6n18 |
| T 2 | 5 8 | 10 16 | 4 42 | 6 20 | 2 17 | 10 2 | 0 47 | 25 10 | 1 48 | 12 55 | 0 38 | 17 52 | 0 55 | 22 13 | 0 1 | 10 14 | 1 43 | 21 23 | 9 11 | 23 17 | 23 16 | 17 40 | 6 40 | 6 18 |
| F 3 | 5 31 | 4 40 | 4 59 | 5 48 | 2 20 | 10 30 | 0 45 | 25 10 | 1 48 | 12 51 | 0 39 | 17 53 | 0 55 | 22 14 | 0 1 | 10 14 | 1 43 | 21 23 | 9 11 | 23 17 | 23 16 | 17 38 | 6 39 | 6 18 |
| S 4 | 5 54 | 1n 9 | 4 56 | 5 15 | 2 22 | 10 58 | 0 43 | 25 10 | 1 48 | 12 47 | 0 39 | 17 53 | 0 55 | 22 14 | 0 1 | 10 13 | 1 43 | 21 24 | 9 11 | 23 18 | 23 16 | 17 36 | 6 37 | 6 19 |
| S 5 | 6 17 | 6 49 | 4 34 | 4 40 | 2 24 | 11 26 | 0 41 | 25 10 | 1 47 | 12 43 | 0 39 | 17 53 | 0 55 | 22 14 | 0 1 | 10 13 | 1 43 | 21 24 | 9 11 | 23 18 | 23 16 | 17 35 | 6 36 | 6 19 |
| M 6 | 6 39 | 11 59 | 3 56 | 4 4 | 2 25 | 11 54 | 0 39 | 25 10 | 1 47 | 12 39 | 0 39 | 17 53 | 0 55 | 22 15 | 0 1 | 10 12 | 1 43 | 21 24 | 9 10 | 23 18 | 23 17 | 17 33 | 6 34 | 6 19 |
| T 7 | 7 2 | 16 24 | 3 4 | 3 28 | 2 26 | 12 21 | 0 36 | 25 9 | 1 47 | 12 35 | 0 39 | 17 54 | 0 55 | 22 15 | 0 1 | 10 12 | 1 43 | 21 24 | 9 10 | 23 19 | 23 17 | 17 31 | 6 33 | 6 19 |
| W 8 | 7 24 | 19 51 | 2 4 | 2 50 | 2 26 | 12 48 | 0 34 | 25 9 | 1 46 | 12 32 | 0 39 | 17 54 | 0 55 | 22 15 | 0 1 | 10 11 | 1 43 | 21 24 | 9 10 | 23 19 | 23 17 | 17 30 | 6 32 | 6 20 |
| T 9 | 7 47 | 22 12 | 1 0 | 2 11 | 2 26 | 13 14 | 0 32 | 25 8 | 1 46 | 12 28 | 0 40 | 17 54 | 0 55 | 22 15 | 0 1 | 10 10 | 1 43 | 21 24 | 9 10 | 23 19 | 23 17 | 17 28 | 6 30 | 6 20 |
| F 10 | 8 9 | 23 23 | 0n 6 | 1 31 | 2 25 | 13 40 | 0 29 | 25 7 | 1 46 | 12 24 | 0 40 | 17 54 | 0 55 | 22 16 | 0 1 | 10 10 | 1 43 | 21 24 | 9 10 | 23 19 | 23 17 | 17 27 | 6 29 | 6 20 |
| S 11 | 8 31 | 23 24 | 1 10 | 0 50 | 2 24 | 14 6 | 0 27 | 25 6 | 1 45 | 12 20 | 0 40 | 17 54 | 0 55 | 22 16 | 0 1 | 10 9 | 1 43 | 21 25 | 9 10 | 23 19 | 23 17 | 17 25 | 6 27 | 6 21 |
| S 12 | 8 53 | 22 20 | 2 10 | 0 9 | 2 22 | 14 32 | 0 25 | 25 5 | 1 45 | 12 16 | 0 40 | 17 54 | 0 55 | 22 16 | 0 1 | 10 9 | 1 43 | 21 25 | 9 10 | 23 19 | 23 17 | 17 23 | 6 26 | 6 21 |
| M13 | 9 15 | 20 17 | 3 4 | 0n34 | 2 20 | 14 57 | 0 22 | 25 4 | 1 45 | 12 13 | 0 40 | 17 54 | 0 55 | 22 17 | 0 1 | 10 8 | 1 43 | 21 25 | 9 9 | 23 19 | 23 17 | 17 22 | 6 25 | 6 21 |
| T 14 | 9 36 | 17 23 | 3 49 | 1 18 | 2 17 | 15 22 | 0 20 | 25 3 | 1 44 | 12 9 | 0 40 | 17 54 | 0 55 | 22 17 | 0 1 | 10 8 | 1 43 | 21 25 | 9 9 | 23 19 | 23 18 | 17 20 | 6 23 | 6 22 |
| W15 | 9 58 | 13 46 | 4 25 | 2 2 | 2 14 | 15 46 | 0 17 | 25 1 | 1 44 | 12 5 | 0 41 | 17 54 | 0 55 | 22 17 | 0 1 | 10 7 | 1 43 | 21 25 | 9 9 | 23 19 | 23 18 | 17 18 | 6 22 | 6 22 |
| T 16 | 10 19 | 9 35 | 4 50 | 2 47 | 2 10 | 16 11 | 0 15 | 24 59 | 1 44 | 12 2 | 0 41 | 17 54 | 0 55 | 22 18 | 0 1 | 10 6 | 1 43 | 21 25 | 9 9 | 23 20 | 23 18 | 17 16 | 6 21 | 6 22 |
| F 17 | 10 40 | 4 57 | 5 2 | 3 33 | 2 6 | 16 34 | 0 12 | 24 58 | 1 43 | 11 58 | 0 41 | 17 54 | 0 55 | 22 18 | 0 1 | 10 6 | 1 43 | 21 25 | 9 9 | 23 20 | 23 18 | 17 15 | 6 20 | 6 22 |
| S 18 | 11 1 | 0 4 | 5 0 | 4 20 | 2 2 | 16 57 | 0 10 | 24 56 | 1 43 | 11 55 | 0 41 | 17 54 | 0 55 | 22 18 | 0 1 | 10 5 | 1 43 | 21 25 | 9 9 | 23 20 | 23 18 | 17 13 | 6 18 | 6 23 |
| S 19 | 11 22 | 4s55 | 4 43 | 5 7 | 1 56 | 17 20 | 0 7 | 24 53 | 1 43 | 11 51 | 0 41 | 17 54 | 0 55 | 22 19 | 0 1 | 10 5 | 1 43 | 21 25 | 9 8 | 23 20 | 23 18 | 17 11 | 6 17 | 6 23 |
| M20 | 11 43 | 9 48 | 4 12 | 5 55 | 1 51 | 17 43 | 0 4 | 24 51 | 1 42 | 11 48 | 0 42 | 17 53 | 0 55 | 22 19 | 0 1 | 10 4 | 1 43 | 21 25 | 9 8 | 23 21 | 23 18 | 17 10 | 6 16 | 6 23 |
| T 21 | 12 3 | 14 20 | 3 28 | 6 44 | 1 45 | 18 4 | 0 2 | 24 49 | 1 42 | 11 44 | 0 42 | 17 53 | 0 55 | 22 20 | 0 1 | 10 4 | 1 43 | 21 25 | 9 8 | 23 21 | 23 18 | 17 8 | 6 15 | 6 24 |
| W22 | 12 23 | 18 15 | 2 32 | 7 33 | 1 38 | 18 26 | 0n 1 | 24 46 | 1 42 | 11 41 | 0 42 | 17 53 | 0 55 | 22 20 | 0 1 | 10 3 | 1 43 | 21 25 | 9 8 | 23 21 | 23 18 | 17 6 | 6 13 | 6 24 |
| T 23 | 12 43 | 21 16 | 1 26 | 8 23 | 1 31 | 18 47 | 0 4 | 24 43 | 1 41 | 11 37 | 0 42 | 17 53 | 0 55 | 22 20 | 0 1 | 10 2 | 1 43 | 21 25 | 9 8 | 23 21 | 23 19 | 17 5 | 6 12 | 6 24 |
| F 24 | 13 3 | 23 8 | 0 15 | 9 13 | 1 23 | 19 7 | 0 6 | 24 40 | 1 41 | 11 34 | 0 42 | 17 52 | 0 55 | 22 21 | 0 1 | 10 2 | 1 43 | 21 25 | 9 8 | 23 21 | 23 19 | 17 3 | 6 11 | 6 25 |
| S 25 | 13 22 | 23 39 | 0s59 | 10 3 | 1 15 | 19 27 | 0 9 | 24 37 | 1 41 | 11 31 | 0 42 | 17 52 | 0 55 | 22 21 | 0 1 | 10 1 | 1 43 | 21 25 | 9 7 | 23 21 | 23 19 | 17 1 | 6 10 | 6 25 |
| S 26 | 13 42 | 22 41 | 2 9 | 10 54 | 1 7 | 19 47 | 0 11 | 24 34 | 1 40 | 11 27 | 0 43 | 17 51 | 0 55 | 22 21 | 0 1 | 10 1 | 1 43 | 21 25 | 9 7 | 23 21 | 23 19 | 16 59 | 6 9 | 6 26 |
| M27 | 14 1 | 20 19 | 3 13 | 11 44 | 0 58 | 20 6 | 0 14 | 24 31 | 1 40 | 11 24 | 0 43 | 17 51 | 0 55 | 22 22 | 0 1 | 10 0 | 1 43 | 21 25 | 9 7 | 23 21 | 23 19 | 16 58 | 6 8 | 6 26 |
| T 28 | 14 20 | 16 41 | 4 6 | 12 35 | 0 48 | 20 24 | 0 17 | 24 27 | 1 39 | 11 21 | 0 43 | 17 51 | 0 55 | 22 22 | 0 1 | 10 0 | 1 43 | 21 25 | 9 7 | 23 21 | 23 19 | 16 56 | 6 7 | 6 26 |
| W29 | 14 38 | 12 4 | 4 43 | 13 25 | 0 39 | 20 42 | 0 19 | 24 23 | 1 39 | 11 18 | 0 43 | 17 50 | 0 55 | 22 22 | 0 1 | 9 59 | 1 43 | 21 25 | 9 7 | 23 21 | 23 19 | 16 54 | 6 6 | 6 27 |
| T 30 | 14n57 | 6s45 | 5s 3 | 14n15 | 0s29 | 20n59 | 0n22 | 24n19 | 1n39 | 11s14 | 0s43 | 17n49 | 0n55 | 22n23 | 0s 1 | 9s58 | 1n43 | 21n25 | 9n 7 | 23n21 | 23n19 | 16n52 | 6s 4 | 6n27 |

Julian Day Number = 2615264.5, Delta T = 11m05s
Ecliptic obliquity = 23°22'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'27, Lahiri = 30°07'28


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## MAY 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 38 55 | 11♉30'25 | 9♈ 5 | 11♉54 | 3♊47 | 14♋12 | 2♓38 | 12♌46 | 13♊47 | 0°R22 | 25°R53 | 2°R30 | 3♋56 | 25♌18 | 28♒ 3 | F 1 |
| S 2 | 14 42 52 | 12°28'54 | 23°23 | 14° 2 | 5° 0 | 14°46 | 2°47 | 12°48 | 13°50 | 0♏21 | 25♌53 | 2♋22 | 3°53 | 25°25 | 28° 5 | S 2 |
| S 3 | 14 46 48 | 13°27'20 | 7♉29 | 16°11 | 6°14 | 15°21 | 2°56 | 12°50 | 13°54 | 0°19 | 25°53 | 2°14 | 3°49 | 25°31 | 28° 7 | S 3 |
| M 4 | 14 50 45 | 14°25'45 | 21°18 | 18°20 | 7°27 | 15°56 | 3° 5 | 12°52 | 13°57 | 0°17 | 25°53 | 2° 7 | 3°46 | 25°38 | 28° 9 | M 4 |
| T 5 | 14 54 41 | 15°24'08 | 4♊48 | 20°28 | 8°40 | 16°31 | 3°13 | 12°55 | 14° 0 | 0°16 | 25°53 | 2° 2 | 3°43 | 25°45 | 28°10 | T 5 |
| W 6 | 14 58 38 | 16°22'30 | 17°56 | 22°37 | 9°53 | 17° 6 | 3°22 | 12°57 | 14° 3 | 0°14 | 25°53 | 1°59 | 3°40 | 25°51 | 28°12 | W 6 |
| T 7 | 15 2 35 | 17°20'49 | 0♋42 | 24°45 | 11° 7 | 17°42 | 3°30 | 13° 0 | 14° 6 | 0°13 | 25°D53 | 1°D58 | 3°37 | 25°58 | 28°14 | T 7 |
| F 8 | 15 6 31 | 18°19'06 | 13° 9 | 26°51 | 12°20 | 18°17 | 3°39 | 13° 2 | 14°10 | 0°11 | 25°53 | 1°59 | 3°33 | 26° 5 | 28°16 | F 8 |
| S 9 | 15 10 28 | 19°17'22 | 25°20 | 28°57 | 13°33 | 18°52 | 3°47 | 13° 5 | 14°13 | 0°10 | 25°53 | 2° 0 | 3°30 | 26°11 | 28°17 | S 9 |
| S 10 | 15 14 24 | 20°15'35 | 7♌20 | 1♊ 1 | 14°46 | 19°27 | 3°55 | 13° 8 | 14°16 | 0° 8 | 25°53 | 2° 2 | 3°27 | 26°18 | 28°19 | S 10 |
| M11 | 15 18 21 | 21°13'47 | 19°13 | 3° 3 | 15°59 | 20° 2 | 4° 2 | 13°11 | 14°19 | 0° 7 | 25°53 | 2°R 2 | 3°24 | 26°25 | 28°20 | M11 |
| T 12 | 15 22 17 | 22°11'56 | 1♍ 4 | 5° 3 | 17°12 | 20°38 | 4°10 | 13°14 | 14°23 | 0° 5 | 25°53 | 2° 2 | 3°21 | 26°32 | 28°22 | T 12 |
| W13 | 15 26 14 | 23°10'04 | 12°59 | 7° 1 | 18°25 | 21°13 | 4°18 | 13°17 | 14°26 | 0° 4 | 25°53 | 2° 0 | 3°18 | 26°38 | 28°23 | W13 |
| T 14 | 15 30 11 | 24° 8'09 | 25° 1 | 8°56 | 19°38 | 21°48 | 4°25 | 13°20 | 14°29 | 0° 2 | 25°54 | 1°56 | 3°14 | 26°45 | 28°24 | T 14 |
| F 15 | 15 34 7 | 25° 6'13 | 7♎15 | 10°48 | 20°51 | 22°23 | 4°32 | 13°23 | 14°33 | 0° 1 | 25°54 | 1°51 | 3°11 | 26°52 | 28°26 | F 15 |
| S 16 | 15 38 4 | 26° 4'15 | 19°44 | 12°37 | 22° 3 | 22°59 | 4°39 | 13°27 | 14°36 | 29♎59 | 25°54 | 1°46 | 3° 8 | 26°58 | 28°27 | S 16 |
| S 17 | 15 42 0 | 27° 2'15 | 2♏30 | 14°23 | 23°16 | 23°34 | 4°46 | 13°30 | 14°39 | 29°58 | 25°54 | 1°40 | 3° 5 | 27° 5 | 28°28 | S 17 |
| M18 | 15 45 57 | 28° 0'13 | 15°33 | 16° 6 | 24°29 | 24°10 | 4°53 | 13°34 | 14°43 | 29°56 | 25°55 | 1°34 | 3° 2 | 27°12 | 28°29 | M18 |
| T 19 | 15 49 53 | 28°58'10 | 28°53 | 17°46 | 25°41 | 24°45 | 5° 0 | 13°37 | 14°46 | 29°55 | 25°55 | 1°30 | 2°58 | 27°18 | 28°30 | T 19 |
| W20 | 15 53 50 | 29°56'05 | 12♐28 | 19°22 | 26°54 | 25°21 | 5° 6 | 13°41 | 14°50 | 29°54 | 25°55 | 1°27 | 2°55 | 27°25 | 28°31 | W20 |
| T 21 | 15 57 46 | 0♊53'59 | 26°17 | 20°54 | 28° 7 | 25°56 | 5°13 | 13°45 | 14°53 | 29°52 | 25°56 | 1°D26 | 2°52 | 27°32 | 28°31 | T 21 |
| F 22 | 16 1 43 | 1°51'52 | 10♑15 | 22°24 | 29°19 | 26°32 | 5°19 | 13°49 | 14°57 | 29°51 | 25°56 | 1°26 | 2°49 | 27°39 | 28°32 | F 22 |
| S 23 | 16 5 40 | 2°49'43 | 24°21 | 23°49 | 0♋32 | 27° 7 | 5°25 | 13°53 | 15° 0 | 29°50 | 25°56 | 1°27 | 2°46 | 27°45 | 28°33 | S 23 |
| S 24 | 16 9 36 | 3°47'33 | 8♒32 | 25°11 | 1°44 | 27°43 | 5°31 | 13°57 | 15° 4 | 29°48 | 25°57 | 1°28 | 2°43 | 27°52 | 28°34 | S 24 |
| M25 | 16 13 33 | 4°45'22 | 22°45 | 26°29 | 2°57 | 28°19 | 5°37 | 14° 1 | 15° 7 | 29°47 | 25°57 | 1°30 | 2°39 | 27°59 | 28°34 | M25 |
| T 26 | 16 17 29 | 5°43'10 | 6♓58 | 27°43 | 4° 9 | 28°54 | 5°42 | 14° 6 | 15°10 | 29°46 | 25°58 | 1°R30 | 2°36 | 28° 5 | 28°35 | T 26 |
| W27 | 16 21 26 | 6°40'57 | 21° 8 | 28°54 | 5°21 | 29°30 | 5°48 | 14°10 | 15°14 | 29°45 | 25°58 | 1°29 | 2°33 | 28°12 | 28°35 | W27 |
| T 28 | 16 25 22 | 7°38'42 | 5♈15 | 0♋ 0 | 6°34 | 0♌ 6 | 5°53 | 14°14 | 15°17 | 29°43 | 25°59 | 1°28 | 2°30 | 28°19 | 28°35 | T 28 |
| F 29 | 16 29 19 | 8°36'27 | 19°14 | 1° 3 | 7°46 | 0°41 | 5°58 | 14°19 | 15°21 | 29°42 | 26° 0 | 1°25 | 2°27 | 28°25 | 28°36 | F 29 |
| S 30 | 16 33 15 | 9°34'11 | 3♉ 5 | 2° 2 | 8°58 | 1°17 | 6° 3 | 14°24 | 15°24 | 29°41 | 26° 0 | 1°22 | 2°24 | 28°32 | 28°36 | S 30 |
| S 31 | 16 37 12 | 10♊31'53 | 16♉43 | 2♋56 | 10♋10 | 1♌53 | 6♓ 7 | 14♌28 | 15♊28 | 29♎40 | 26♌ 1 | 1♋19 | 2♋20 | 28♌39 | 28♒36 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n15 | 1s 5 | 5s 4 | 15n 4 | 0s19 | 21n16 | 0n25 | 24n15 | 1n38 | 11s11 | 0s44 | 17n49 | 0n55 | 22n23 | 0s 1 | 9s58 | 1n43 | 21n25 | 9n 6 | 23n21 | 23n19 | 16n51 | 6s 3 | 6n27 |
| S 2 | 15 33 | 4n37 | 4 46 | 15 53 | 0 8 | 21 32 | 0 27 | 24 11 | 1 38 | 11 8 | 0 44 | 17 48 | 0 55 | 22 24 | 0 1 | 9 57 | 1 43 | 21 24 | 9 6 | 23 22 | 23 19 | 16 49 | 6 2 | 6 28 |
| S 3 | 15 50 | 10 1 | 4 11 | 16 40 | 0n 2 | 21 47 | 0 30 | 24 7 | 1 38 | 11 5 | 0 44 | 17 48 | 0 55 | 22 24 | 0 1 | 9 57 | 1 43 | 21 24 | 9 6 | 23 22 | 23 20 | 16 47 | 6 1 | 6 28 |
| M 4 | 16 8 | 14 48 | 3 21 | 17 27 | 0 13 | 22 2 | 0 33 | 24 3 | 1 37 | 11 2 | 0 44 | 17 47 | 0 55 | 22 24 | 0 1 | 9 56 | 1 43 | 21 24 | 9 6 | 23 22 | 23 20 | 16 45 | 6 0 | 6 28 |
| T 5 | 16 25 | 18 44 | 2 21 | 18 12 | 0 24 | 22 17 | 0 35 | 23 58 | 1 37 | 10 59 | 0 45 | 17 46 | 0 55 | 22 25 | 0 1 | 9 56 | 1 43 | 21 24 | 9 6 | 23 22 | 23 20 | 16 44 | 5 59 | 6 29 |
| W 6 | 16 42 | 21 35 | 1 15 | 18 56 | 0 34 | 22 30 | 0 38 | 23 53 | 1 37 | 10 57 | 0 45 | 17 46 | 0 55 | 22 25 | 0 1 | 9 55 | 1 43 | 21 24 | 9 6 | 23 22 | 23 20 | 16 42 | 5 58 | 6 29 |
| T 7 | 16 58 | 23 16 | 0 7 | 19 38 | 0 45 | 22 43 | 0 41 | 23 48 | 1 36 | 10 54 | 0 45 | 17 45 | 0 55 | 22 26 | 0 1 | 9 55 | 1 43 | 21 24 | 9 5 | 23 22 | 23 20 | 16 40 | 5 57 | 6 30 |
| F 8 | 17 14 | 23 44 | 1n 0 | 20 18 | 0 55 | 22 56 | 0 43 | 23 43 | 1 36 | 10 51 | 0 45 | 17 44 | 0 55 | 22 26 | 0 1 | 9 54 | 1 43 | 21 24 | 9 5 | 23 22 | 23 20 | 16 38 | 5 56 | 6 30 |
| S 9 | 17 30 | 23 2 | 2 3 | 20 56 | 1 5 | 23 8 | 0 46 | 23 38 | 1 36 | 10 48 | 0 45 | 17 43 | 0 55 | 22 26 | 0 1 | 9 54 | 1 43 | 21 23 | 9 5 | 23 22 | 23 20 | 16 36 | 5 56 | 6 30 |
| S 10 | 17 46 | 21 17 | 3 0 | 21 32 | 1 15 | 23 19 | 0 48 | 23 33 | 1 35 | 10 46 | 0 46 | 17 43 | 0 55 | 22 27 | 0 1 | 9 53 | 1 43 | 21 23 | 9 5 | 23 22 | 23 20 | 16 35 | 5 55 | 6 31 |
| M11 | 18 1 | 18 38 | 3 48 | 22 5 | 1 24 | 23 29 | 0 51 | 23 27 | 1 35 | 10 43 | 0 46 | 17 42 | 0 55 | 22 27 | 0 1 | 9 53 | 1 43 | 21 23 | 9 5 | 23 22 | 23 20 | 16 33 | 5 54 | 6 31 |
| T 12 | 18 16 | 15 13 | 4 27 | 22 36 | 1 33 | 23 39 | 0 53 | 23 21 | 1 34 | 10 40 | 0 46 | 17 41 | 0 55 | 22 27 | 0 1 | 9 52 | 1 43 | 21 23 | 9 4 | 23 22 | 23 20 | 16 31 | 5 53 | 6 32 |
| W13 | 18 31 | 11 11 | 4 54 | 23 5 | 1 41 | 23 48 | 0 56 | 23 16 | 1 34 | 10 38 | 0 46 | 17 40 | 0 55 | 22 28 | 0 1 | 9 52 | 1 43 | 21 22 | 9 4 | 23 22 | 23 20 | 16 29 | 5 52 | 6 32 |
| T 14 | 18 46 | 6 42 | 5 8 | 23 31 | 1 48 | 23 57 | 0 58 | 23 10 | 1 34 | 10 35 | 0 47 | 17 39 | 0 55 | 22 28 | 0 1 | 9 51 | 1 43 | 21 22 | 9 4 | 23 22 | 23 20 | 16 27 | 5 51 | 6 32 |
| F 15 | 19 0 | 1 52 | 5 9 | 23 55 | 1 55 | 24 4 | 1 1 | 23 4 | 1 33 | 10 33 | 0 47 | 17 38 | 0 55 | 22 29 | 0 1 | 9 51 | 1 43 | 21 22 | 9 4 | 23 22 | 23 21 | 16 26 | 5 51 | 6 33 |
| S 16 | 19 13 | 3s 8 | 4 56 | 24 16 | 2 1 | 24 12 | 1 3 | 22 57 | 1 33 | 10 31 | 0 47 | 17 37 | 0 55 | 22 29 | 0 1 | 9 50 | 1 43 | 21 22 | 9 4 | 23 22 | 23 21 | 16 24 | 5 50 | 6 33 |
| S 17 | 19 27 | 8 7 | 4 27 | 24 34 | 2 7 | 24 18 | 1 5 | 22 51 | 1 33 | 10 28 | 0 47 | 17 36 | 0 55 | 22 29 | 0 1 | 9 50 | 1 43 | 21 21 | 9 3 | 23 22 | 23 21 | 16 22 | 5 49 | 6 34 |
| M18 | 19 40 | 12 53 | 3 44 | 24 50 | 2 11 | 24 24 | 1 8 | 22 44 | 1 32 | 10 26 | 0 47 | 17 35 | 0 55 | 22 30 | 0 1 | 9 49 | 1 43 | 21 21 | 9 3 | 23 22 | 23 21 | 16 20 | 5 48 | 6 34 |
| T 19 | 19 53 | 17 7 | 2 48 | 25 4 | 2 15 | 24 29 | 1 10 | 22 38 | 1 32 | 10 24 | 0 48 | 17 34 | 0 55 | 22 30 | 0 1 | 9 49 | 1 43 | 21 21 | 9 3 | 23 22 | 23 21 | 16 18 | 5 48 | 6 34 |
| W20 | 20 5 | 20 33 | 1 42 | 25 15 | 2 18 | 24 33 | 1 12 | 22 31 | 1 31 | 10 22 | 0 48 | 17 33 | 0 55 | 22 31 | 0 1 | 9 48 | 1 43 | 21 21 | 9 3 | 23 22 | 23 21 | 16 16 | 5 47 | 6 35 |
| T 21 | 20 17 | 22 52 | 0 28 | 25 24 | 2 20 | 24 37 | 1 15 | 22 24 | 1 31 | 10 19 | 0 48 | 17 32 | 0 55 | 22 31 | 0 1 | 9 48 | 1 43 | 21 20 | 9 3 | 23 22 | 23 21 | 16 15 | 5 46 | 6 35 |
| F 22 | 20 29 | 23 47 | 0s48 | 25 31 | 2 21 | 24 39 | 1 17 | 22 17 | 1 31 | 10 17 | 0 48 | 17 31 | 0 55 | 22 31 | 0 1 | 9 47 | 1 43 | 21 20 | 9 3 | 23 22 | 23 21 | 16 13 | 5 46 | 6 36 |
| S 23 | 20 40 | 23 12 | 2 2 | 25 36 | 2 22 | 24 42 | 1 19 | 22 10 | 1 30 | 10 15 | 0 49 | 17 30 | 0 55 | 22 32 | 0 1 | 9 47 | 1 43 | 21 20 | 9 2 | 23 22 | 23 21 | 16 11 | 5 45 | 6 36 |
| S 24 | 20 51 | 21 8 | 3 9 | 25 39 | 2 21 | 24 43 | 1 21 | 22 2 | 1 30 | 10 14 | 0 49 | 17 28 | 0 55 | 22 32 | 0 1 | 9 46 | 1 43 | 21 19 | 9 2 | 23 22 | 23 21 | 16 9 | 5 44 | 6 36 |
| M25 | 21 2 | 17 46 | 4 5 | 25 40 | 2 20 | 24 44 | 1 23 | 21 55 | 1 30 | 10 12 | 0 49 | 17 27 | 0 55 | 22 33 | 0 1 | 9 46 | 1 43 | 21 19 | 9 2 | 23 22 | 23 21 | 16 7 | 5 44 | 6 37 |
| T 26 | 21 12 | 13 21 | 4 46 | 25 39 | 2 18 | 24 44 | 1 25 | 21 47 | 1 29 | 10 10 | 0 49 | 17 26 | 0 55 | 22 33 | 0 1 | 9 46 | 1 43 | 21 19 | 9 2 | 23 22 | 23 21 | 16 5 | 5 43 | 6 37 |
| W27 | 21 22 | 8 14 | 5 9 | 25 37 | 2 14 | 24 43 | 1 27 | 21 39 | 1 29 | 10 8 | 0 50 | 17 25 | 0 55 | 22 33 | 0 1 | 9 45 | 1 43 | 21 18 | 9 2 | 23 22 | 23 21 | 16 3 | 5 43 | 6 38 |
| T 28 | 21 32 | 2 43 | 5 13 | 25 33 | 2 10 | 24 42 | 1 29 | 21 31 | 1 28 | 10 6 | 0 50 | 17 23 | 0 55 | 22 34 | 0 1 | 9 45 | 1 42 | 21 18 | 9 1 | 23 22 | 23 21 | 16 2 | 5 42 | 6 38 |
| F 29 | 21 41 | 2n54 | 4 59 | 25 28 | 2 5 | 24 40 | 1 31 | 21 23 | 1 28 | 10 5 | 0 50 | 17 22 | 0 55 | 22 34 | 0 0 | 9 44 | 1 42 | 21 18 | 9 1 | 23 22 | 23 21 | 16 0 | 5 42 | 6 38 |
| S 30 | 21 50 | 8 19 | 4 27 | 25 21 | 1 59 | 24 37 | 1 32 | 21 15 | 1 28 | 10 3 | 0 50 | 17 21 | 0 55 | 22 35 | 0 0 | 9 44 | 1 42 | 21 17 | 9 1 | 23 22 | 23 22 | 15 58 | 5 41 | 6 39 |
| S 31 | 21n58 | 13n15 | 3s41 | 25n13 | 1n52 | 24n33 | 1n34 | 21n 7 | 1n27 | 10s 2 | 0s51 | 17n19 | 0n55 | 22n35 | 0s 0 | 9s44 | 1n42 | 21n17 | 9n 1 | 23n22 | 23n22 | 15n56 | 5s41 | 6n39 |

Julian Day Number = 2615294.5, Delta T = 11m06s
Ecliptic obliquity = 23°22'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'31, Lahiri = 30°07'32


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## JUNE 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 41 9 | 11♊29'34 | 0♊ 7 | 3♋47 | 11♋22 | 2♌29 | 6♓12 | 14♌33 | 15♊31 | 29°R39 | 26♌ 2 | 1°R16 | 2♋17 | 28♌46 | 28♒36 | M 1 |
| T 2 | 16 45 5 | 12°27'15 | 13°16 | 4°33 | 12°34 | 3° 5 | 6°16 | 14°38 | 15°35 | 29♎37 | 26° 2 | 1♋15 | 2°14 | 28°52 | 28°R36 | T 2 |
| W 3 | 16 49 2 | 13°24'54 | 26° 9 | 5°15 | 13°46 | 3°41 | 6°20 | 14°43 | 15°39 | 29°36 | 26° 3 | 1°D14 | 2°11 | 28°59 | 28°36 | W 3 |
| T 4 | 16 52 58 | 14°22'32 | 8♋45 | 5°52 | 14°58 | 4°17 | 6°25 | 14°48 | 15°42 | 29°35 | 26° 4 | 1°14 | 2° 8 | 29° 6 | 28°36 | T 4 |
| F 5 | 16 56 55 | 15°20'08 | 21° 6 | 6°26 | 16°10 | 4°53 | 6°28 | 14°53 | 15°46 | 29°34 | 26° 5 | 1°15 | 2° 4 | 29°12 | 28°36 | F 5 |
| S 6 | 17 0 51 | 16°17'43 | 3♌15 | 6°54 | 17°22 | 5°29 | 6°32 | 14°58 | 15°49 | 29°33 | 26° 5 | 1°16 | 2° 1 | 29°19 | 28°36 | S 6 |
| S 7 | 17 4 48 | 17°15'17 | 15°14 | 7°18 | 18°34 | 6° 5 | 6°35 | 15° 3 | 15°53 | 29°32 | 26° 6 | 1°17 | 1°58 | 29°26 | 28°35 | S 7 |
| M 8 | 17 8 44 | 18°12'50 | 27° 7 | 7°38 | 19°46 | 6°41 | 6°39 | 15° 9 | 15°56 | 29°31 | 26° 7 | 1°18 | 1°55 | 29°32 | 28°35 | M 8 |
| T 9 | 17 12 41 | 19°10'21 | 8♍59 | 7°53 | 20°57 | 7°17 | 6°42 | 15°14 | 16° 0 | 29°30 | 26° 8 | 1°19 | 1°52 | 29°39 | 28°35 | T 9 |
| W10 | 17 16 38 | 20° 7'51 | 20°54 | 8° 3 | 22° 9 | 7°53 | 6°45 | 15°19 | 16° 3 | 29°29 | 26° 9 | 1°R19 | 1°49 | 29°46 | 28°34 | W10 |
| T 11 | 17 20 34 | 21° 5'20 | 2♎57 | 8° 8 | 23°21 | 8°29 | 6°48 | 15°25 | 16° 7 | 29°29 | 26°10 | 1°19 | 1°45 | 29°53 | 28°33 | T 11 |
| F 12 | 17 24 31 | 22° 2'48 | 15°11 | 8°R 9 | 24°32 | 9° 5 | 6°50 | 15°30 | 16°10 | 29°28 | 26°11 | 1°18 | 1°42 | 29°59 | 28°33 | F 12 |
| S 13 | 17 28 27 | 23° 0'14 | 27°42 | 8° 6 | 25°44 | 9°41 | 6°53 | 15°36 | 16°14 | 29°27 | 26°12 | 1°17 | 1°39 | 0♍ 6 | 28°32 | S 13 |
| S 14 | 17 32 24 | 23°57'39 | 10♏33 | 7°58 | 26°55 | 10°17 | 6°55 | 15°42 | 16°17 | 29°26 | 26°13 | 1°16 | 1°36 | 0°13 | 28°31 | S 14 |
| M15 | 17 36 20 | 24°55'04 | 23°44 | 7°46 | 28° 6 | 10°53 | 6°57 | 15°48 | 16°21 | 29°25 | 26°14 | 1°16 | 1°33 | 0°19 | 28°31 | M15 |
| T 16 | 17 40 17 | 25°52'27 | 7♐18 | 7°30 | 29°18 | 11°30 | 6°59 | 15°53 | 16°24 | 29°25 | 26°15 | 1°15 | 1°30 | 0°26 | 28°30 | T 16 |
| W17 | 17 44 13 | 26°49'50 | 21°12 | 7°10 | 0♌29 | 12° 6 | 7° 0 | 15°59 | 16°28 | 29°24 | 26°16 | 1°15 | 1°26 | 0°33 | 28°29 | W17 |
| T 18 | 17 48 10 | 27°47'11 | 5♑24 | 6°47 | 1°40 | 12°42 | 7° 2 | 16° 5 | 16°31 | 29°23 | 26°17 | 1°D15 | 1°23 | 0°39 | 28°28 | T 18 |
| F 19 | 17 52 7 | 28°44'32 | 19°49 | 6°20 | 2°51 | 13°18 | 7° 3 | 16°11 | 16°35 | 29°22 | 26°18 | 1°15 | 1°20 | 0°46 | 28°27 | F 19 |
| S 20 | 17 56 3 | 29°41'53 | 4♒22 | 5°52 | 4° 2 | 13°55 | 7° 4 | 16°17 | 16°38 | 29°22 | 26°19 | 1°15 | 1°17 | 0°53 | 28°25 | S 20 |
| S 21 | 18 0 0 | 0♋39'13 | 18°58 | 5°21 | 5°13 | 14°31 | 7° 5 | 16°23 | 16°42 | 29°21 | 26°20 | 1°15 | 1°14 | 1° 0 | 28°24 | S 21 |
| M22 | 18 3 56 | 1°36'32 | 3♓30 | 4°48 | 6°24 | 15° 7 | 7° 5 | 16°30 | 16°45 | 29°21 | 26°22 | 1°R15 | 1°10 | 1° 6 | 28°23 | M22 |
| T 23 | 18 7 53 | 2°33'51 | 17°53 | 4°14 | 7°35 | 15°44 | 7° 6 | 16°36 | 16°48 | 29°20 | 26°23 | 1°15 | 1° 7 | 1°13 | 28°22 | T 23 |
| W24 | 18 11 49 | 3°31'10 | 2♈ 6 | 3°40 | 8°46 | 16°20 | 7° 6 | 16°42 | 16°52 | 29°20 | 26°24 | 1°D15 | 1° 4 | 1°20 | 28°20 | W24 |
| T 25 | 18 15 46 | 4°28'28 | 16° 5 | 3° 6 | 9°56 | 16°57 | 7°R 6 | 16°49 | 16°55 | 29°19 | 26°25 | 1°15 | 1° 1 | 1°26 | 28°19 | T 25 |
| F 26 | 18 19 42 | 5°25'46 | 29°49 | 2°33 | 11° 7 | 17°33 | 7° 6 | 16°55 | 16°59 | 29°19 | 26°27 | 1°15 | 0°58 | 1°33 | 28°17 | F 26 |
| S 27 | 18 23 39 | 6°23'04 | 13♉18 | 2° 1 | 12°17 | 18° 9 | 7° 6 | 17° 1 | 17° 2 | 29°18 | 26°28 | 1°16 | 0°55 | 1°40 | 28°16 | S 27 |
| S 28 | 18 27 36 | 7°20'22 | 26°32 | 1°30 | 13°28 | 18°46 | 7° 5 | 17° 8 | 17° 5 | 29°18 | 26°29 | 1°16 | 0°51 | 1°46 | 28°14 | S 28 |
| M29 | 18 31 32 | 8°17'39 | 9♊32 | 1° 2 | 14°38 | 19°22 | 7° 5 | 17°14 | 17° 9 | 29°17 | 26°30 | 1°17 | 0°48 | 1°53 | 28°12 | M29 |
| T 30 | 18 35 29 | 9♋14'57 | 22♊19 | 0♋37 | 15♌49 | 19♌59 | 7♓ 4 | 17♌21 | 17♊12 | 29♎17 | 26♌32 | 1♋17 | 0♋45 | 2♍ 0 | 28♒11 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 6 | 17n28 | 2s43 | 25n 4 | 1n45 | 24n29 | 1n36 | 20n58 | 1n27 | 10s 0 | 0s51 | 17n18 | 0n55 | 22n35 | 0s 0 | 9s43 | 1n42 | 21n16 | 9n 1 | 23n22 | 23n22 | 15n54 | 5s41 | 6n40 |
| T 2 | 22 14 | 20 43 | 1 37 | 24 54 | 1 36 | 24 24 | 1 37 | 20 49 | 1 26 | 9 59 | 0 51 | 17 17 | 0 55 | 22 36 | 0 0 | 9 43 | 1 42 | 21 16 | 9 1 | 23 22 | 23 22 | 15 52 | 5 40 | 6 40 |
| W 3 | 22 21 | 22 51 | 0 28 | 24 43 | 1 26 | 24 19 | 1 39 | 20 41 | 1 26 | 9 58 | 0 51 | 17 15 | 0 55 | 22 36 | 0 0 | 9 43 | 1 42 | 21 16 | 9 0 | 23 23 | 23 22 | 15 50 | 5 40 | 6 40 |
| T 4 | 22 28 | 23 47 | 0n41 | 24 31 | 1 16 | 24 12 | 1 41 | 20 32 | 1 26 | 9 56 | 0 52 | 17 14 | 0 55 | 22 36 | 0 0 | 9 42 | 1 42 | 21 15 | 9 0 | 23 23 | 23 22 | 15 48 | 5 39 | 6 41 |
| F 5 | 22 35 | 23 30 | 1 48 | 24 18 | 1 5 | 24 5 | 1 42 | 20 23 | 1 25 | 9 55 | 0 52 | 17 12 | 0 55 | 22 37 | 0 0 | 9 42 | 1 42 | 21 15 | 9 0 | 23 22 | 23 22 | 15 46 | 5 39 | 6 41 |
| S 6 | 22 41 | 22 6 | 2 48 | 24 5 | 0 53 | 23 58 | 1 43 | 20 14 | 1 25 | 9 54 | 0 52 | 17 11 | 0 55 | 22 37 | 0 0 | 9 42 | 1 42 | 21 14 | 9 0 | 23 22 | 23 22 | 15 44 | 5 39 | 6 42 |
| S 7 | 22 46 | 19 44 | 3 40 | 23 51 | 0 40 | 23 49 | 1 45 | 20 4 | 1 25 | 9 53 | 0 52 | 17 9 | 0 55 | 22 38 | 0 0 | 9 41 | 1 42 | 21 14 | 9 0 | 23 22 | 23 22 | 15 42 | 5 39 | 6 42 |
| M 8 | 22 52 | 16 33 | 4 22 | 23 36 | 0 26 | 23 40 | 1 46 | 19 55 | 1 24 | 9 52 | 0 53 | 17 8 | 0 55 | 22 38 | 0 0 | 9 41 | 1 42 | 21 13 | 9 0 | 23 22 | 23 22 | 15 41 | 5 38 | 6 42 |
| T 9 | 22 56 | 12 42 | 4 53 | 23 21 | 0 12 | 23 31 | 1 47 | 19 45 | 1 24 | 9 51 | 0 53 | 17 6 | 0 55 | 22 38 | 0 0 | 9 41 | 1 42 | 21 13 | 8 59 | 23 22 | 23 22 | 15 39 | 5 38 | 6 43 |
| W10 | 23 1 | 8 22 | 5 11 | 23 5 | 0s 3 | 23 21 | 1 48 | 19 36 | 1 23 | 9 50 | 0 53 | 17 4 | 0 55 | 22 39 | 0 0 | 9 40 | 1 42 | 21 12 | 8 59 | 23 22 | 23 22 | 15 37 | 5 38 | 6 43 |
| T 11 | 23 5 | 3 40 | 5 16 | 22 49 | 0 19 | 23 10 | 1 49 | 19 26 | 1 23 | 9 50 | 0 54 | 17 3 | 0 55 | 22 39 | 0 0 | 9 40 | 1 42 | 21 12 | 8 59 | 23 22 | 23 22 | 15 35 | 5 38 | 6 44 |
| F 12 | 23 9 | 1s14 | 5 7 | 22 33 | 0 35 | 22 58 | 1 50 | 19 16 | 1 23 | 9 49 | 0 54 | 17 1 | 0 55 | 22 40 | 0 0 | 9 40 | 1 42 | 21 11 | 8 59 | 23 22 | 23 22 | 15 33 | 5 38 | 6 44 |
| S 13 | 23 12 | 6 13 | 4 44 | 22 17 | 0 52 | 22 46 | 1 51 | 19 6 | 1 22 | 9 48 | 0 54 | 16 59 | 0 55 | 22 40 | 0 0 | 9 40 | 1 42 | 21 11 | 8 59 | 23 22 | 23 22 | 15 31 | 5 37 | 6 44 |
| S 14 | 23 15 | 11 4 | 4 5 | 22 0 | 1 8 | 22 33 | 1 52 | 18 56 | 1 22 | 9 48 | 0 54 | 16 58 | 0 55 | 22 40 | 0 0 | 9 39 | 1 42 | 21 10 | 8 59 | 23 22 | 23 22 | 15 29 | 5 37 | 6 45 |
| M15 | 23 17 | 15 32 | 3 13 | 21 44 | 1 26 | 22 19 | 1 52 | 18 46 | 1 21 | 9 47 | 0 55 | 16 56 | 0 55 | 22 41 | 0 0 | 9 39 | 1 42 | 21 10 | 8 58 | 23 22 | 23 22 | 15 27 | 5 37 | 6 45 |
| T 16 | 23 19 | 19 21 | 2 9 | 21 28 | 1 43 | 22 5 | 1 53 | 18 35 | 1 21 | 9 47 | 0 55 | 16 54 | 0 55 | 22 41 | 0 0 | 9 39 | 1 42 | 21 9 | 8 58 | 23 22 | 23 22 | 15 25 | 5 37 | 6 45 |
| W17 | 23 21 | 22 10 | 0 55 | 21 11 | 2 0 | 21 51 | 1 53 | 18 25 | 1 21 | 9 46 | 0 55 | 16 53 | 0 55 | 22 41 | 0 0 | 9 39 | 1 42 | 21 9 | 8 58 | 23 22 | 23 22 | 15 23 | 5 37 | 6 46 |
| T 18 | 23 22 | 23 39 | 0s23 | 20 56 | 2 17 | 21 36 | 1 54 | 18 14 | 1 20 | 9 46 | 0 55 | 16 51 | 0 55 | 22 42 | 0 0 | 9 39 | 1 42 | 21 8 | 8 58 | 23 22 | 23 22 | 15 21 | 5 37 | 6 46 |
| F 19 | 23 22 | 23 35 | 1 41 | 20 40 | 2 34 | 21 20 | 1 54 | 18 4 | 1 20 | 9 46 | 0 56 | 16 49 | 0 55 | 22 42 | 0 0 | 9 38 | 1 42 | 21 8 | 8 58 | 23 22 | 23 22 | 15 19 | 5 37 | 6 47 |
| S 20 | 23 23 | 21 56 | 2 54 | 20 25 | 2 50 | 21 3 | 1 55 | 17 53 | 1 19 | 9 46 | 0 56 | 16 47 | 0 55 | 22 42 | 0 0 | 9 38 | 1 42 | 21 7 | 8 58 | 23 22 | 23 22 | 15 17 | 5 37 | 6 47 |
| S 21 | 23 23 | 18 49 | 3 55 | 20 11 | 3 5 | 20 46 | 1 55 | 17 42 | 1 19 | 9 46 | 0 56 | 16 45 | 0 55 | 22 43 | 0 0 | 9 38 | 1 42 | 21 7 | 8 58 | 23 22 | 23 23 | 15 15 | 5 37 | 6 47 |
| M22 | 23 22 | 14 34 | 4 41 | 19 58 | 3 20 | 20 29 | 1 55 | 17 31 | 1 19 | 9 46 | 0 56 | 16 44 | 0 55 | 22 43 | 0 0 | 9 38 | 1 41 | 21 6 | 8 57 | 23 22 | 23 23 | 15 13 | 5 37 | 6 48 |
| T 23 | 23 21 | 9 30 | 5 9 | 19 45 | 3 34 | 20 11 | 1 55 | 17 20 | 1 18 | 9 46 | 0 57 | 16 42 | 0 55 | 22 43 | 0 0 | 9 38 | 1 41 | 21 6 | 8 57 | 23 22 | 23 23 | 15 11 | 5 38 | 6 48 |
| W24 | 23 20 | 4 1 | 5 17 | 19 33 | 3 47 | 19 52 | 1 55 | 17 8 | 1 18 | 9 46 | 0 57 | 16 40 | 0 55 | 22 44 | 0 0 | 9 38 | 1 41 | 21 5 | 8 57 | 23 22 | 23 23 | 15 9 | 5 38 | 6 48 |
| T 25 | 23 18 | 1n35 | 5 7 | 19 23 | 3 58 | 19 33 | 1 55 | 16 57 | 1 17 | 9 46 | 0 57 | 16 38 | 0 55 | 22 44 | 0 0 | 9 37 | 1 41 | 21 5 | 8 57 | 23 22 | 23 23 | 15 7 | 5 38 | 6 49 |
| F 26 | 23 16 | 7 2 | 4 39 | 19 13 | 4 8 | 19 14 | 1 55 | 16 45 | 1 17 | 9 46 | 0 58 | 16 36 | 0 55 | 22 44 | 0 0 | 9 37 | 1 41 | 21 4 | 8 57 | 23 22 | 23 23 | 15 5 | 5 38 | 6 49 |
| S 27 | 23 14 | 12 2 | 3 56 | 19 5 | 4 17 | 18 54 | 1 54 | 16 34 | 1 17 | 9 47 | 0 58 | 16 34 | 0 55 | 22 45 | 0 0 | 9 37 | 1 41 | 21 4 | 8 57 | 23 22 | 23 23 | 15 3 | 5 38 | 6 49 |
| S 28 | 23 11 | 16 24 | 3 1 | 18 57 | 4 25 | 18 33 | 1 54 | 16 22 | 1 16 | 9 47 | 0 58 | 16 32 | 0 55 | 22 45 | 0 0 | 9 37 | 1 41 | 21 3 | 8 57 | 23 22 | 23 23 | 15 1 | 5 39 | 6 50 |
| M29 | 23 7 | 19 53 | 1 58 | 18 52 | 4 31 | 18 12 | 1 53 | 16 10 | 1 16 | 9 48 | 0 58 | 16 30 | 0 55 | 22 45 | 0 0 | 9 37 | 1 41 | 21 2 | 8 57 | 23 22 | 23 23 | 14 59 | 5 39 | 6 50 |
| T 30 | 23n 4 | 22n20 | 0s50 | 18n47 | 4s36 | 17n51 | 1n53 | 15n58 | 1n15 | 9s48 | 0s59 | 16n28 | 0n55 | 22n46 | 0s 0 | 9s37 | 1n41 | 21n 2 | 8n56 | 23n22 | 23n23 | 14n57 | 5s39 | 6n50 |

Julian Day Number = 2615325.5, Delta T = 11m06s
Ecliptic obliquity = 23°22'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'36, Lahiri = 30°07'36


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## JULY 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 39 25 | 10♋12'14 | 4♋52 | 0°R15 | 16♌59 | 20♌36 | 7°R 3 | 17♌28 | 17♊15 | 29°R17 | 26♌33 | 1°R17 | 0♋42 | 2♍ 7 | 28°R 9 | W 1 |
| T 2 | 18 43 22 | 11° 9'31 | 17°14 | 29♊57 | 18° 9 | 21°12 | 7♓ 2 | 17°34 | 17°19 | 29♎17 | 26°35 | 1♋17 | 0°39 | 2°13 | 28♒ 7 | T 2 |
| F 3 | 18 47 18 | 12° 6'47 | 29°26 | 29°43 | 19°19 | 21°49 | 7° 0 | 17°41 | 17°22 | 29°16 | 26°36 | 1°16 | 0°36 | 2°20 | 28° 5 | F 3 |
| S 4 | 18 51 15 | 13° 4'03 | 11♌29 | 29°33 | 20°29 | 22°25 | 6°59 | 17°48 | 17°25 | 29°16 | 26°37 | 1°15 | 0°32 | 2°27 | 28° 3 | S 4 |
| S 5 | 18 55 12 | 14° 1'18 | 23°25 | 29°27 | 21°39 | 23° 2 | 6°57 | 17°55 | 17°28 | 29°16 | 26°39 | 1°13 | 0°29 | 2°33 | 28° 1 | S 5 |
| M 6 | 18 59 8 | 14°58'34 | 5♍17 | 29°D26 | 22°49 | 23°39 | 6°55 | 18° 2 | 17°32 | 29°16 | 26°40 | 1°11 | 0°26 | 2°40 | 27°59 | M 6 |
| T 7 | 19 3 5 | 15°55'48 | 17° 8 | 29°29 | 23°59 | 24°16 | 6°52 | 18° 9 | 17°35 | 29°16 | 26°42 | 1° 9 | 0°23 | 2°47 | 27°57 | T 7 |
| W 8 | 19 7 1 | 16°53'03 | 29° 2 | 29°38 | 25° 9 | 24°52 | 6°50 | 18°16 | 17°38 | 29°16 | 26°43 | 1° 8 | 0°20 | 2°54 | 27°55 | W 8 |
| T 9 | 19 10 58 | 17°50'17 | 11♎ 4 | 29°51 | 26°18 | 25°29 | 6°47 | 18°23 | 17°41 | 29°16 | 26°45 | 1° 7 | 0°16 | 3° 0 | 27°53 | T 9 |
| F 10 | 19 14 54 | 18°47'30 | 23°16 | 0♋10 | 27°28 | 26° 6 | 6°45 | 18°30 | 17°44 | 29°D16 | 26°46 | 1°D 7 | 0°13 | 3° 7 | 27°50 | F 10 |
| S 11 | 19 18 51 | 19°44'43 | 5♏45 | 0°33 | 28°37 | 26°43 | 6°42 | 18°37 | 17°48 | 29°16 | 26°48 | 1° 7 | 0°10 | 3°14 | 27°48 | S 11 |
| S 12 | 19 22 47 | 20°41'56 | 18°34 | 1° 1 | 29°47 | 27°19 | 6°39 | 18°44 | 17°51 | 29°16 | 26°49 | 1° 9 | 0° 7 | 3°20 | 27°46 | S 12 |
| M13 | 19 26 44 | 21°39'09 | 1♐46 | 1°35 | 0♍56 | 27°56 | 6°35 | 18°51 | 17°54 | 29°16 | 26°51 | 1°10 | 0° 4 | 3°27 | 27°43 | M13 |
| T 14 | 19 30 41 | 22°36'22 | 15°23 | 2°13 | 2° 5 | 28°33 | 6°32 | 18°58 | 17°57 | 29°16 | 26°53 | 1°11 | 0° 1 | 3°34 | 27°41 | T 14 |
| W15 | 19 34 37 | 23°33'34 | 29°26 | 2°56 | 3°14 | 29°10 | 6°28 | 19° 5 | 18° 0 | 29°16 | 26°54 | 1°R12 | 29♊57 | 3°41 | 27°38 | W15 |
| T 16 | 19 38 34 | 24°30'47 | 13♑53 | 3°44 | 4°23 | 29°47 | 6°24 | 19°13 | 18° 3 | 29°16 | 26°56 | 1°11 | 29°54 | 3°47 | 27°36 | T 16 |
| F 17 | 19 42 30 | 25°28'00 | 28°38 | 4°36 | 5°32 | 0♍24 | 6°20 | 19°20 | 18° 6 | 29°16 | 26°57 | 1°10 | 29°51 | 3°54 | 27°33 | F 17 |
| S 18 | 19 46 27 | 26°25'12 | 13♒35 | 5°34 | 6°41 | 1° 1 | 6°16 | 19°27 | 18° 9 | 29°17 | 26°59 | 1° 7 | 29°48 | 4° 1 | 27°31 | S 18 |
| S 19 | 19 50 23 | 27°22'25 | 28°36 | 6°36 | 7°49 | 1°38 | 6°12 | 19°34 | 18°12 | 29°17 | 27° 1 | 1° 4 | 29°45 | 4° 7 | 27°28 | S 19 |
| M20 | 19 54 20 | 28°19'39 | 13♓30 | 7°43 | 8°58 | 2°15 | 6° 7 | 19°42 | 18°15 | 29°17 | 27° 2 | 1° 0 | 29°42 | 4°14 | 27°25 | M20 |
| T 21 | 19 58 16 | 29°16'52 | 28°12 | 8°54 | 10° 6 | 2°52 | 6° 2 | 19°49 | 18°17 | 29°18 | 27° 4 | 0°57 | 29°38 | 4°21 | 27°23 | T 21 |
| W22 | 20 2 13 | 0♌14'07 | 12♈35 | 10° 9 | 11°14 | 3°29 | 5°58 | 19°57 | 18°20 | 29°18 | 27° 6 | 0°55 | 29°35 | 4°27 | 27°20 | W22 |
| T 23 | 20 6 10 | 1°11'22 | 26°37 | 11°30 | 12°22 | 4° 6 | 5°53 | 20° 4 | 18°23 | 29°18 | 27° 8 | 0°D54 | 29°32 | 4°34 | 27°17 | T 23 |
| F 24 | 20 10 6 | 2° 8'37 | 10♉16 | 12°54 | 13°30 | 4°43 | 5°47 | 20°12 | 18°26 | 29°19 | 27° 9 | 0°54 | 29°29 | 4°41 | 27°14 | F 24 |
| S 25 | 20 14 3 | 3° 5'54 | 23°33 | 14°22 | 14°38 | 5°20 | 5°42 | 20°19 | 18°29 | 29°19 | 27°11 | 0°55 | 29°26 | 4°48 | 27°11 | S 25 |
| S 26 | 20 17 59 | 4° 3'11 | 6♊32 | 15°55 | 15°46 | 5°58 | 5°37 | 20°27 | 18°31 | 29°20 | 27°13 | 0°57 | 29°22 | 4°54 | 27° 9 | S 26 |
| M27 | 20 21 56 | 5° 0'29 | 19°14 | 17°32 | 16°54 | 6°35 | 5°31 | 20°34 | 18°34 | 29°20 | 27°15 | 0°58 | 29°19 | 5° 1 | 27° 6 | M27 |
| T 28 | 20 25 52 | 5°57'47 | 1♋43 | 19°12 | 18° 1 | 7°12 | 5°25 | 20°42 | 18°37 | 29°21 | 27°16 | 0°R58 | 29°16 | 5° 8 | 27° 3 | T 28 |
| W29 | 20 29 49 | 6°55'06 | 14° 0 | 20°56 | 19° 9 | 7°49 | 5°19 | 20°49 | 18°39 | 29°21 | 27°18 | 0°58 | 29°13 | 5°14 | 27° 0 | W29 |
| T 30 | 20 33 45 | 7°52'26 | 26° 9 | 22°44 | 20°16 | 8°26 | 5°13 | 20°57 | 18°42 | 29°22 | 27°20 | 0°55 | 29°10 | 5°21 | 26°57 | T 30 |
| F 31 | 20 37 42 | 8♌49'47 | 8♌10 | 24♋34 | 21♍23 | 9♍ 4 | 5♓ 7 | 21♌ 4 | 18♊44 | 29♎23 | 27♌22 | 0♋51 | 29♊ 7 | 5♍28 | 26♒54 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n59 | 23n37 | 0n20 | 18n44 | 4s39 | 17n29 | 1n52 | 15n46 | 1n15 | 9s49 | 0s59 | 16n26 | 0n55 | 22n46 | 0s 0 | 9s37 | 1n41 | 21n 1 | 8n56 | 23n22 | 23n23 | 14n55 | 5s39 | 6n51 |
| T 2 | 22 55 | 23 43 | 1 27 | 18 43 | 4 40 | 17 7 | 1 51 | 15 34 | 1 14 | 9 50 | 0 59 | 16 24 | 0 55 | 22 46 | 0 0 | 9 37 | 1 41 | 21 1 | 8 56 | 23 22 | 23 23 | 14 53 | 5 40 | 6 51 |
| F 3 | 22 50 | 22 39 | 2 30 | 18 42 | 4 40 | 16 44 | 1 50 | 15 22 | 1 14 | 9 50 | 1 0 | 16 22 | 0 55 | 22 47 | 0 0 | 9 37 | 1 41 | 21 0 | 8 56 | 23 22 | 23 23 | 14 51 | 5 40 | 6 51 |
| S 4 | 22 44 | 20 34 | 3 24 | 18 44 | 4 39 | 16 21 | 1 49 | 15 10 | 1 14 | 9 51 | 1 0 | 16 20 | 0 55 | 22 47 | 0 0 | 9 37 | 1 41 | 20 59 | 8 56 | 23 22 | 23 23 | 14 49 | 5 40 | 6 51 |
| S 5 | 22 39 | 17 37 | 4 10 | 18 46 | 4 37 | 15 58 | 1 48 | 14 58 | 1 13 | 9 52 | 1 0 | 16 18 | 0 55 | 22 47 | 0 0 | 9 37 | 1 41 | 20 59 | 8 56 | 23 23 | 23 23 | 14 47 | 5 41 | 6 52 |
| M 6 | 22 33 | 13 57 | 4 44 | 18 50 | 4 33 | 15 34 | 1 47 | 14 45 | 1 13 | 9 53 | 1 0 | 16 16 | 0 55 | 22 48 | 0 0 | 9 37 | 1 41 | 20 58 | 8 56 | 23 23 | 23 23 | 14 45 | 5 41 | 6 52 |
| T 7 | 22 26 | 9 46 | 5 6 | 18 55 | 4 28 | 15 10 | 1 46 | 14 33 | 1 12 | 9 54 | 1 1 | 16 14 | 0 55 | 22 48 | 0 0 | 9 37 | 1 41 | 20 58 | 8 56 | 23 23 | 23 23 | 14 43 | 5 42 | 6 52 |
| W 8 | 22 19 | 5 12 | 5 15 | 19 1 | 4 22 | 14 45 | 1 45 | 14 20 | 1 12 | 9 55 | 1 1 | 16 12 | 0 55 | 22 48 | 0 0 | 9 37 | 1 41 | 20 57 | 8 56 | 23 23 | 23 23 | 14 41 | 5 42 | 6 53 |
| T 9 | 22 12 | 0 24 | 5 11 | 19 8 | 4 15 | 14 20 | 1 43 | 14 7 | 1 12 | 9 57 | 1 1 | 16 10 | 0 55 | 22 49 | 0 0 | 9 37 | 1 41 | 20 56 | 8 56 | 23 23 | 23 23 | 14 39 | 5 43 | 6 53 |
| F 10 | 22 4 | 4s29 | 4 52 | 19 16 | 4 7 | 13 55 | 1 42 | 13 54 | 1 11 | 9 58 | 1 1 | 16 7 | 0 55 | 22 49 | 0 0 | 9 37 | 1 41 | 20 56 | 8 55 | 23 23 | 23 23 | 14 37 | 5 43 | 6 53 |
| S 11 | 21 56 | 9 19 | 4 20 | 19 25 | 3 58 | 13 29 | 1 40 | 13 41 | 1 11 | 9 59 | 1 2 | 16 5 | 0 55 | 22 49 | 0 0 | 9 37 | 1 41 | 20 55 | 8 55 | 23 23 | 23 23 | 14 34 | 5 44 | 6 53 |
| S 12 | 21 47 | 13 53 | 3 34 | 19 34 | 3 48 | 13 3 | 1 38 | 13 28 | 1 10 | 10 1 | 1 2 | 16 3 | 0 55 | 22 49 | 0 0 | 9 37 | 1 40 | 20 55 | 8 55 | 23 23 | 23 23 | 14 32 | 5 44 | 6 54 |
| M13 | 21 39 | 17 56 | 2 35 | 19 44 | 3 38 | 12 37 | 1 36 | 13 15 | 1 10 | 10 2 | 1 2 | 16 1 | 0 55 | 22 50 | 0 0 | 9 37 | 1 40 | 20 54 | 8 55 | 23 23 | 23 23 | 14 30 | 5 45 | 6 54 |
| T 14 | 21 29 | 21 9 | 1 26 | 19 55 | 3 27 | 12 11 | 1 34 | 13 2 | 1 9 | 10 4 | 1 2 | 15 59 | 0 55 | 22 50 | 0 0 | 9 37 | 1 40 | 20 53 | 8 55 | 23 23 | 23 23 | 14 28 | 5 45 | 6 54 |
| W15 | 21 20 | 23 13 | 0 10 | 20 6 | 3 15 | 11 44 | 1 32 | 12 49 | 1 9 | 10 5 | 1 3 | 15 57 | 0 55 | 22 50 | 0 0 | 9 37 | 1 40 | 20 53 | 8 55 | 23 23 | 23 23 | 14 26 | 5 46 | 6 54 |
| T 16 | 21 10 | 23 48 | 1s 9 | 20 17 | 3 3 | 11 17 | 1 30 | 12 35 | 1 9 | 10 7 | 1 3 | 15 54 | 0 56 | 22 51 | 0 0 | 9 37 | 1 40 | 20 52 | 8 55 | 23 23 | 23 23 | 14 24 | 5 47 | 6 55 |
| F 17 | 21 0 | 22 45 | 2 25 | 20 28 | 2 51 | 10 49 | 1 28 | 12 22 | 1 8 | 10 9 | 1 3 | 15 52 | 0 56 | 22 51 | 0 0 | 9 38 | 1 40 | 20 51 | 8 55 | 23 23 | 23 23 | 14 22 | 5 47 | 6 55 |
| S 18 | 20 49 | 20 5 | 3 32 | 20 38 | 2 38 | 10 22 | 1 26 | 12 9 | 1 8 | 10 10 | 1 3 | 15 50 | 0 56 | 22 51 | 0 0 | 9 38 | 1 40 | 20 51 | 8 55 | 23 23 | 23 23 | 14 20 | 5 48 | 6 55 |
| S 19 | 20 38 | 16 4 | 4 25 | 20 49 | 2 24 | 9 54 | 1 23 | 11 55 | 1 7 | 10 12 | 1 4 | 15 48 | 0 56 | 22 51 | 0 0 | 9 38 | 1 40 | 20 50 | 8 55 | 23 23 | 23 23 | 14 18 | 5 49 | 6 55 |
| M20 | 20 27 | 11 4 | 4 59 | 20 59 | 2 11 | 9 26 | 1 21 | 11 41 | 1 7 | 10 14 | 1 4 | 15 45 | 0 56 | 22 52 | 0 0 | 9 38 | 1 40 | 20 49 | 8 55 | 23 23 | 23 23 | 14 16 | 5 49 | 6 55 |
| T 21 | 20 15 | 5 30 | 5 13 | 21 8 | 1 57 | 8 58 | 1 18 | 11 28 | 1 6 | 10 16 | 1 4 | 15 43 | 0 56 | 22 52 | 0 0 | 9 38 | 1 40 | 20 49 | 8 55 | 23 23 | 23 23 | 14 13 | 5 50 | 6 56 |
| W22 | 20 3 | 0n15 | 5 7 | 21 16 | 1 43 | 8 30 | 1 15 | 11 14 | 1 6 | 10 18 | 1 4 | 15 41 | 0 56 | 22 52 | 0 0 | 9 38 | 1 40 | 20 48 | 8 55 | 23 23 | 23 23 | 14 11 | 5 51 | 6 56 |
| T 23 | 19 51 | 5 51 | 4 42 | 21 24 | 1 30 | 8 1 | 1 12 | 11 0 | 1 6 | 10 20 | 1 5 | 15 38 | 0 56 | 22 52 | 0 0 | 9 39 | 1 40 | 20 48 | 8 55 | 23 23 | 23 23 | 14 9 | 5 52 | 6 56 |
| F 24 | 19 38 | 11 1 | 4 2 | 21 30 | 1 16 | 7 32 | 1 9 | 10 46 | 1 5 | 10 22 | 1 5 | 15 36 | 0 56 | 22 53 | 0n 0 | 9 39 | 1 40 | 20 47 | 8 55 | 23 23 | 23 23 | 14 7 | 5 53 | 6 56 |
| S 25 | 19 25 | 15 33 | 3 10 | 21 35 | 1 2 | 7 3 | 1 6 | 10 32 | 1 5 | 10 24 | 1 5 | 15 34 | 0 56 | 22 53 | 0 0 | 9 39 | 1 40 | 20 46 | 8 55 | 23 23 | 23 23 | 14 5 | 5 53 | 6 56 |
| S 26 | 19 12 | 19 13 | 2 10 | 21 38 | 0 49 | 6 34 | 1 3 | 10 18 | 1 4 | 10 27 | 1 5 | 15 31 | 0 56 | 22 53 | 0 0 | 9 39 | 1 40 | 20 46 | 8 55 | 23 23 | 23 23 | 14 3 | 5 54 | 6 56 |
| M27 | 18 58 | 21 53 | 1 4 | 21 39 | 0 35 | 6 5 | 1 0 | 10 4 | 1 4 | 10 29 | 1 6 | 15 29 | 0 56 | 22 53 | 0 0 | 9 39 | 1 40 | 20 45 | 8 55 | 23 23 | 23 23 | 14 1 | 5 55 | 6 56 |
| T 28 | 18 44 | 23 26 | 0n 4 | 21 39 | 0 22 | 5 36 | 0 57 | 9 50 | 1 3 | 10 31 | 1 6 | 15 27 | 0 56 | 22 54 | 0 0 | 9 40 | 1 40 | 20 44 | 8 55 | 23 23 | 23 23 | 13 59 | 5 56 | 6 57 |
| W29 | 18 30 | 23 49 | 1 10 | 21 36 | 0 9 | 5 6 | 0 53 | 9 35 | 1 3 | 10 34 | 1 6 | 15 24 | 0 56 | 22 54 | 0 0 | 9 40 | 1 40 | 20 44 | 8 55 | 23 23 | 23 23 | 13 56 | 5 57 | 6 57 |
| T 30 | 18 15 | 23 2 | 2 13 | 21 31 | 0n 3 | 4 37 | 0 50 | 9 21 | 1 3 | 10 36 | 1 6 | 15 22 | 0 56 | 22 54 | 0 0 | 9 40 | 1 40 | 20 43 | 8 55 | 23 23 | 23 23 | 13 54 | 5 58 | 6 57 |
| F 31 | 18n 0 | 21n13 | 3n 8 | 21n24 | 0n15 | 4n 7 | 0n46 | 9n 7 | 1n 2 | 10s39 | 1s 6 | 15n20 | 0n56 | 22n54 | 0n 0 | 9s40 | 1n39 | 20n42 | 8n54 | 23n23 | 23n23 | 13n52 | 5s59 | 6n57 |

Julian Day Number = 2615355.5, Delta T = 11m06s
Ecliptic obliquity = 23°22'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'40, Lahiri = 30°07'40


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## AUGUST 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 41 39 | 9♌47'07 | 20♌ 6 | 26♋28 | 22♍30 | 9♍41 | 5°R 1 | 21♌12 | 18♊47 | 29♎23 | 27♌23 | 0°R45 | 29♊ 3 | 5♍35 | 26°R51 | S 1 |
| S 2 | 20 45 35 | 10°44'29 | 1♍59 | 28°24 | 23°37 | 10°19 | 4♓54 | 21°20 | 18°49 | 29°24 | 27°25 | 0♋38 | 29° 0 | 5°41 | 26♒47 | S 2 |
| M 3 | 20 49 32 | 11°41'51 | 13°50 | 0♌23 | 24°44 | 10°56 | 4°48 | 21°27 | 18°52 | 29°25 | 27°27 | 0°30 | 28°57 | 5°48 | 26°44 | M 3 |
| T 4 | 20 53 28 | 12°39'14 | 25°42 | 2°23 | 25°50 | 11°33 | 4°41 | 21°35 | 18°54 | 29°26 | 27°29 | 0°23 | 28°54 | 5°55 | 26°41 | T 4 |
| W 5 | 20 57 25 | 13°36'37 | 7♎36 | 4°25 | 26°57 | 12°11 | 4°34 | 21°43 | 18°57 | 29°26 | 27°31 | 0°16 | 28°51 | 6° 1 | 26°38 | W 5 |
| T 6 | 21 1 21 | 14°34'00 | 19°37 | 6°29 | 28° 3 | 12°48 | 4°28 | 21°50 | 18°59 | 29°27 | 27°33 | 0°12 | 28°48 | 6° 8 | 26°35 | T 6 |
| F 7 | 21 5 18 | 15°31'24 | 1♏48 | 8°33 | 29° 9 | 13°26 | 4°21 | 21°58 | 19° 1 | 29°28 | 27°34 | 0° 9 | 28°44 | 6°15 | 26°32 | F 7 |
| S 8 | 21 9 14 | 16°28'49 | 14°13 | 10°38 | 0♎15 | 14° 3 | 4°14 | 22° 6 | 19° 4 | 29°29 | 27°36 | 0°D 8 | 28°41 | 6°22 | 26°29 | S 8 |
| S 9 | 21 13 11 | 17°26'15 | 26°57 | 12°44 | 1°21 | 14°41 | 4° 6 | 22°13 | 19° 6 | 29°30 | 27°38 | 0° 8 | 28°38 | 6°28 | 26°25 | S 9 |
| M10 | 21 17 8 | 18°23'41 | 10♐ 4 | 14°49 | 2°26 | 15°18 | 3°59 | 22°21 | 19° 8 | 29°31 | 27°40 | 0° 9 | 28°35 | 6°35 | 26°22 | M10 |
| T 11 | 21 21 4 | 19°21'07 | 23°36 | 16°55 | 3°31 | 15°56 | 3°52 | 22°29 | 19°10 | 29°32 | 27°42 | 0°R10 | 28°32 | 6°42 | 26°19 | T 11 |
| W12 | 21 25 1 | 20°18'35 | 7♑37 | 18°59 | 4°37 | 16°34 | 3°44 | 22°36 | 19°12 | 29°33 | 27°44 | 0°10 | 28°28 | 6°48 | 26°16 | W12 |
| T 13 | 21 28 57 | 21°16'03 | 22° 6 | 21° 4 | 5°42 | 17°11 | 3°37 | 22°44 | 19°14 | 29°34 | 27°46 | 0° 8 | 28°25 | 6°55 | 26°13 | T 13 |
| F 14 | 21 32 54 | 22°13'32 | 6♒58 | 23° 7 | 6°46 | 17°49 | 3°29 | 22°52 | 19°16 | 29°35 | 27°47 | 0° 4 | 28°22 | 7° 2 | 26° 9 | F 14 |
| S 15 | 21 36 50 | 23°11'02 | 22° 8 | 25° 9 | 7°51 | 18°27 | 3°22 | 23° 0 | 19°18 | 29°36 | 27°49 | 29♊58 | 28°19 | 7° 9 | 26° 6 | S 15 |
| S 16 | 21 40 47 | 24° 8'32 | 7♓25 | 27°11 | 8°55 | 19° 4 | 3°14 | 23° 7 | 19°20 | 29°37 | 27°51 | 29°51 | 28°16 | 7°15 | 26° 3 | S 16 |
| M17 | 21 44 43 | 25° 6'04 | 22°38 | 29°11 | 9°59 | 19°42 | 3° 7 | 23°15 | 19°22 | 29°38 | 27°53 | 29°43 | 28°13 | 7°22 | 26° 0 | M17 |
| T 18 | 21 48 40 | 26° 3'37 | 7♈37 | 1♍ 9 | 11° 3 | 20°20 | 2°59 | 23°23 | 19°24 | 29°40 | 27°55 | 29°35 | 28° 9 | 7°29 | 25°56 | T 18 |
| W19 | 21 52 37 | 27° 1'12 | 22°14 | 3° 7 | 12° 7 | 20°58 | 2°51 | 23°30 | 19°26 | 29°41 | 27°57 | 29°29 | 28° 6 | 7°35 | 25°53 | W19 |
| T 20 | 21 56 33 | 27°58'47 | 6♉25 | 5° 3 | 13°10 | 21°36 | 2°43 | 23°38 | 19°28 | 29°42 | 27°59 | 29°25 | 28° 3 | 7°42 | 25°50 | T 20 |
| F 21 | 22 0 30 | 28°56'25 | 20° 8 | 6°58 | 14°14 | 22°13 | 2°35 | 23°46 | 19°29 | 29°43 | 28° 1 | 29°23 | 28° 0 | 7°49 | 25°47 | F 21 |
| S 22 | 22 4 26 | 29°54'04 | 3♊24 | 8°51 | 15°17 | 22°51 | 2°28 | 23°54 | 19°31 | 29°45 | 28° 2 | 29°D22 | 27°57 | 7°56 | 25°43 | S 22 |
| S 23 | 22 8 23 | 0♍51'44 | 16°16 | 10°43 | 16°19 | 23°29 | 2°20 | 24° 1 | 19°33 | 29°46 | 28° 4 | 29°23 | 27°54 | 8° 2 | 25°40 | S 23 |
| M24 | 22 12 19 | 1°49'26 | 28°49 | 12°33 | 17°22 | 24° 7 | 2°12 | 24° 9 | 19°34 | 29°47 | 28° 6 | 29°R24 | 27°50 | 8° 9 | 25°37 | M24 |
| T 25 | 22 16 16 | 2°47'10 | 11♋ 7 | 14°22 | 18°24 | 24°45 | 2° 4 | 24°17 | 19°36 | 29°49 | 28° 8 | 29°23 | 27°47 | 8°16 | 25°34 | T 25 |
| W26 | 22 20 12 | 3°44'55 | 23°14 | 16°10 | 19°26 | 25°23 | 1°56 | 24°24 | 19°37 | 29°50 | 28°10 | 29°20 | 27°44 | 8°22 | 25°30 | W26 |
| T 27 | 22 24 9 | 4°42'41 | 5♌13 | 17°56 | 20°27 | 26° 1 | 1°48 | 24°32 | 19°39 | 29°52 | 28°12 | 29°15 | 27°41 | 8°29 | 25°27 | T 27 |
| F 28 | 22 28 6 | 5°40'29 | 17° 8 | 19°41 | 21°29 | 26°40 | 1°40 | 24°40 | 19°40 | 29°53 | 28°14 | 29° 7 | 27°38 | 8°36 | 25°24 | F 28 |
| S 29 | 22 32 2 | 6°38'18 | 29° 0 | 21°24 | 22°30 | 27°18 | 1°33 | 24°47 | 19°41 | 29°54 | 28°16 | 28°57 | 27°34 | 8°43 | 25°21 | S 29 |
| S 30 | 22 35 59 | 7°36'09 | 10♍51 | 23° 6 | 23°31 | 27°56 | 1°25 | 24°55 | 19°43 | 29°56 | 28°17 | 28°44 | 27°31 | 8°49 | 25°18 | S 30 |
| M31 | 22 39 55 | 8♍34'01 | 22♍43 | 24♍47 | 24♎31 | 28♍34 | 1♓17 | 25♌ 2 | 19♊44 | 29♎57 | 28♌19 | 28♊32 | 27♊28 | 8♍56 | 25♒15 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n45 | 18n28 | 3n55 | 21n14 | 0n26 | 3n37 | 0n43 | 8n52 | 1n 2 | 10s41 | 1s 7 | 15n17 | 0n56 | 22n55 | 0n 0 | 9s41 | 1n39 | 20n42 | 8n54 | 23n23 | 23n23 | 13n50 | 5s59 | 6n57 |
| S 2 | 17 30 | 14 58 | 4 31 | 21 2 | 0 37 | 3 7 | 0 39 | 8 38 | 1 1 | 10 44 | 1 7 | 15 15 | 0 56 | 22 55 | 0 0 | 9 41 | 1 39 | 20 41 | 8 54 | 23 23 | 23 23 | 13 48 | 6 0 | 6 57 |
| M 3 | 17 14 | 10 53 | 4 56 | 20 47 | 0 47 | 2 38 | 0 35 | 8 23 | 1 1 | 10 46 | 1 7 | 15 12 | 0 56 | 22 55 | 0 0 | 9 41 | 1 39 | 20 41 | 8 54 | 23 23 | 23 23 | 13 46 | 6 1 | 6 57 |
| T 4 | 16 58 | 6 25 | 5 8 | 20 29 | 0 56 | 2 8 | 0 31 | 8 9 | 1 0 | 10 49 | 1 7 | 15 10 | 0 57 | 22 55 | 0 0 | 9 42 | 1 39 | 20 40 | 8 54 | 23 23 | 23 23 | 13 43 | 6 2 | 6 57 |
| W 5 | 16 42 | 1 41 | 5 6 | 20 9 | 1 5 | 1 38 | 0 27 | 7 54 | 1 0 | 10 51 | 1 7 | 15 8 | 0 57 | 22 55 | 0 0 | 9 42 | 1 39 | 20 39 | 8 55 | 23 23 | 23 23 | 13 41 | 6 3 | 6 57 |
| T 6 | 16 25 | 3s10 | 4 51 | 19 47 | 1 12 | 1 8 | 0 23 | 7 39 | 0 59 | 10 54 | 1 8 | 15 5 | 0 57 | 22 56 | 0 0 | 9 42 | 1 39 | 20 39 | 8 55 | 23 23 | 23 23 | 13 39 | 6 4 | 6 57 |
| F 7 | 16 9 | 7 57 | 4 23 | 19 21 | 1 19 | 0 37 | 0 19 | 7 24 | 0 59 | 10 57 | 1 8 | 15 3 | 0 57 | 22 56 | 0 0 | 9 43 | 1 39 | 20 38 | 8 55 | 23 23 | 23 23 | 13 37 | 6 5 | 6 57 |
| S 8 | 15 52 | 12 32 | 3 42 | 18 54 | 1 25 | 0 7 | 0 14 | 7 10 | 0 59 | 11 0 | 1 8 | 15 0 | 0 57 | 22 56 | 0 0 | 9 43 | 1 39 | 20 37 | 8 55 | 23 23 | 23 22 | 13 35 | 6 6 | 6 57 |
| S 9 | 15 34 | 16 41 | 2 49 | 18 24 | 1 31 | 0s23 | 0 10 | 6 55 | 0 58 | 11 2 | 1 8 | 14 58 | 0 57 | 22 56 | 0 0 | 9 43 | 1 39 | 20 37 | 8 55 | 23 23 | 23 22 | 13 33 | 6 7 | 6 58 |
| M10 | 15 17 | 20 9 | 1 46 | 17 52 | 1 35 | 0 53 | 0 6 | 6 40 | 0 58 | 11 5 | 1 8 | 14 56 | 0 57 | 22 56 | 0 0 | 9 44 | 1 39 | 20 36 | 8 55 | 23 23 | 23 22 | 13 30 | 6 8 | 6 58 |
| T 11 | 14 59 | 22 38 | 0 35 | 17 18 | 1 39 | 1 23 | 0 1 | 6 25 | 0 57 | 11 8 | 1 9 | 14 53 | 0 57 | 22 57 | 0 0 | 9 44 | 1 39 | 20 35 | 8 55 | 23 23 | 23 22 | 13 28 | 6 9 | 6 58 |
| W12 | 14 41 | 23 50 | 0s40 | 16 42 | 1 42 | 1 53 | 0s 4 | 6 10 | 0 57 | 11 11 | 1 9 | 14 51 | 0 57 | 22 57 | 0 0 | 9 45 | 1 39 | 20 35 | 8 55 | 23 23 | 23 22 | 13 26 | 6 11 | 6 58 |
| T 13 | 14 23 | 23 28 | 1 55 | 16 5 | 1 44 | 2 23 | 0 8 | 5 55 | 0 56 | 11 14 | 1 9 | 14 48 | 0 57 | 22 57 | 0 0 | 9 45 | 1 39 | 20 34 | 8 55 | 23 23 | 23 22 | 13 24 | 6 12 | 6 58 |
| F 14 | 14 4 | 21 27 | 3 4 | 15 26 | 1 45 | 2 53 | 0 13 | 5 40 | 0 56 | 11 17 | 1 9 | 14 46 | 0 57 | 22 57 | 0 0 | 9 45 | 1 39 | 20 34 | 8 55 | 23 23 | 23 22 | 13 21 | 6 13 | 6 58 |
| S 15 | 13 45 | 17 55 | 4 2 | 14 46 | 1 46 | 3 23 | 0 18 | 5 25 | 0 55 | 11 19 | 1 9 | 14 43 | 0 57 | 22 57 | 0 0 | 9 46 | 1 39 | 20 33 | 8 55 | 23 23 | 23 22 | 13 19 | 6 14 | 6 57 |
| S 16 | 13 27 | 13 8 | 4 43 | 14 4 | 1 45 | 3 53 | 0 23 | 5 9 | 0 55 | 11 22 | 1 9 | 14 41 | 0 57 | 22 57 | 0 0 | 9 46 | 1 39 | 20 32 | 8 55 | 23 23 | 23 22 | 13 17 | 6 15 | 6 57 |
| M17 | 13 7 | 7 33 | 5 3 | 13 22 | 1 45 | 4 23 | 0 28 | 4 54 | 0 55 | 11 25 | 1 10 | 14 38 | 0 57 | 22 58 | 0 0 | 9 47 | 1 39 | 20 32 | 8 55 | 23 23 | 23 22 | 13 15 | 6 16 | 6 57 |
| T 18 | 12 48 | 1 37 | 5 2 | 12 39 | 1 43 | 4 52 | 0 33 | 4 39 | 0 54 | 11 28 | 1 10 | 14 36 | 0 58 | 22 58 | 0 0 | 9 47 | 1 39 | 20 31 | 8 55 | 23 23 | 23 22 | 13 13 | 6 17 | 6 57 |
| W19 | 12 29 | 4n16 | 4 42 | 11 55 | 1 41 | 5 22 | 0 38 | 4 24 | 0 54 | 11 31 | 1 10 | 14 33 | 0 58 | 22 58 | 0 0 | 9 48 | 1 39 | 20 30 | 8 55 | 23 23 | 23 22 | 13 10 | 6 18 | 6 57 |
| T 20 | 12 9 | 9 47 | 4 4 | 11 10 | 1 39 | 5 51 | 0 43 | 4 8 | 0 53 | 11 34 | 1 10 | 14 31 | 0 58 | 22 58 | 0 0 | 9 48 | 1 38 | 20 30 | 8 55 | 23 23 | 23 22 | 13 8 | 6 19 | 6 57 |
| F 21 | 11 49 | 14 37 | 3 14 | 10 25 | 1 36 | 6 21 | 0 49 | 3 53 | 0 53 | 11 37 | 1 10 | 14 29 | 0 58 | 22 58 | 0 0 | 9 49 | 1 38 | 20 29 | 8 55 | 23 23 | 23 22 | 13 6 | 6 21 | 6 57 |
| S 22 | 11 29 | 18 35 | 2 14 | 9 39 | 1 32 | 6 50 | 0 54 | 3 38 | 0 52 | 11 40 | 1 10 | 14 26 | 0 58 | 22 58 | 0 0 | 9 49 | 1 38 | 20 29 | 8 55 | 23 23 | 23 22 | 13 4 | 6 22 | 6 57 |
| S 23 | 11 8 | 21 31 | 1 10 | 8 53 | 1 28 | 7 19 | 1 0 | 3 22 | 0 52 | 11 43 | 1 10 | 14 24 | 0 58 | 22 58 | 0 0 | 9 50 | 1 38 | 20 28 | 8 55 | 23 23 | 23 22 | 13 1 | 6 23 | 6 57 |
| M24 | 10 48 | 23 20 | 0 3 | 8 7 | 1 24 | 7 48 | 1 5 | 3 7 | 0 51 | 11 46 | 1 10 | 14 21 | 0 58 | 22 59 | 0 0 | 9 50 | 1 38 | 20 28 | 8 55 | 23 23 | 23 22 | 12 59 | 6 24 | 6 57 |
| T 25 | 10 27 | 23 57 | 1n 2 | 7 21 | 1 19 | 8 17 | 1 11 | 2 51 | 0 51 | 11 49 | 1 10 | 14 19 | 0 58 | 22 59 | 0 0 | 9 51 | 1 38 | 20 27 | 8 56 | 23 23 | 23 22 | 12 57 | 6 25 | 6 57 |
| W26 | 10 7 | 23 25 | 2 3 | 6 35 | 1 13 | 8 46 | 1 16 | 2 36 | 0 50 | 11 52 | 1 11 | 14 16 | 0 58 | 22 59 | 0 0 | 9 51 | 1 38 | 20 26 | 8 56 | 23 23 | 23 22 | 12 55 | 6 26 | 6 57 |
| T 27 | 9 46 | 21 48 | 2 58 | 5 48 | 1 8 | 9 14 | 1 22 | 2 20 | 0 50 | 11 54 | 1 11 | 14 14 | 0 58 | 22 59 | 0 0 | 9 52 | 1 38 | 20 26 | 8 56 | 23 23 | 23 22 | 12 52 | 6 27 | 6 56 |
| F 28 | 9 25 | 19 14 | 3 45 | 5 2 | 1 2 | 9 43 | 1 28 | 2 5 | 0 49 | 11 57 | 1 11 | 14 11 | 0 58 | 22 59 | 0 0 | 9 52 | 1 38 | 20 25 | 8 56 | 23 23 | 23 22 | 12 50 | 6 29 | 6 56 |
| S 29 | 9 3 | 15 53 | 4 22 | 4 15 | 0 56 | 10 11 | 1 33 | 1 49 | 0 49 | 12 0 | 1 11 | 14 9 | 0 59 | 22 59 | 0 0 | 9 53 | 1 38 | 20 25 | 8 56 | 23 23 | 23 22 | 12 48 | 6 30 | 6 56 |
| S 30 | 8 42 | 11 54 | 4 47 | 3 29 | 0 49 | 10 39 | 1 39 | 1 34 | 0 49 | 12 3 | 1 11 | 14 6 | 0 59 | 22 59 | 0 0 | 9 53 | 1 38 | 20 24 | 8 56 | 23 23 | 23 21 | 12 46 | 6 31 | 6 56 |
| M31 | 8n20 | 7n28 | 5n 0 | 2n43 | 0n43 | 11s 7 | 1s45 | 1n18 | 0n48 | 12s 6 | 1s11 | 14n 4 | 0n59 | 22n59 | 0n 0 | 9s54 | 1n38 | 20n24 | 8n56 | 23n22 | 23n21 | 12n43 | 6s32 | 6n56 |

Julian Day Number = 2615386.5, Delta T = 11m06s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'44, Lahiri = 30°07'45


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## SEPTEMBER 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 43 52 | 9♍31'55 | 4♎37 | 26♍26 | 25♎31 | 29♍12 | 1°R 9 | 25♌10 | 19♊45 | 29♎59 | 28♌21 | 28°R19 | 27♊25 | 9♍ 3 | 25°R11 | T 1 |
| W 2 | 22 47 48 | 10°29'49 | 16°36 | 28° 4 | 26°31 | 29°51 | 1♓ 2 | 25°18 | 19°46 | 0♏ 1 | 28°23 | 28♊ 8 | 27°22 | 9° 9 | 25♒ 8 | W 2 |
| T 3 | 22 51 45 | 11°27'46 | 28°40 | 29°40 | 27°30 | 0♎29 | 0°54 | 25°25 | 19°47 | 0° 2 | 28°25 | 27°58 | 27°19 | 9°16 | 25° 5 | T 3 |
| F 4 | 22 55 41 | 12°25'43 | 10♏53 | 1♎16 | 28°30 | 1° 7 | 0°46 | 25°33 | 19°49 | 0° 4 | 28°27 | 27°52 | 27°15 | 9°23 | 25° 2 | F 4 |
| S 5 | 22 59 38 | 13°23'42 | 23°19 | 2°49 | 29°28 | 1°46 | 0°39 | 25°40 | 19°50 | 0° 5 | 28°29 | 27°48 | 27°12 | 9°30 | 24°59 | S 5 |
| S 6 | 23 3 34 | 14°21'42 | 6♐ 0 | 4°22 | 0♏27 | 2°24 | 0°31 | 25°48 | 19°51 | 0° 7 | 28°30 | 27°47 | 27° 9 | 9°36 | 24°56 | S 6 |
| M 7 | 23 7 31 | 15°19'44 | 19° 1 | 5°53 | 1°24 | 3° 2 | 0°24 | 25°55 | 19°51 | 0° 9 | 28°32 | 27°D46 | 27° 6 | 9°43 | 24°53 | M 7 |
| T 8 | 23 11 28 | 16°17'47 | 2♑26 | 7°23 | 2°22 | 3°41 | 0°17 | 26° 2 | 19°52 | 0°11 | 28°34 | 27°R47 | 27° 3 | 9°50 | 24°50 | T 8 |
| W 9 | 23 15 24 | 17°15'51 | 16°18 | 8°52 | 3°19 | 4°19 | 0°10 | 26°10 | 19°53 | 0°12 | 28°36 | 27°46 | 26°59 | 9°56 | 24°47 | W 9 |
| T 10 | 23 19 21 | 18°13'57 | 0♒37 | 10°19 | 4°16 | 4°58 | 0° 2 | 26°17 | 19°54 | 0°14 | 28°38 | 27°43 | 26°56 | 10° 3 | 24°44 | T 10 |
| F 11 | 23 23 17 | 19°12'03 | 15°23 | 11°46 | 5°12 | 5°36 | 29♒55 | 26°25 | 19°55 | 0°16 | 28°39 | 27°37 | 26°53 | 10°10 | 24°42 | F 11 |
| S 12 | 23 27 14 | 20°10'12 | 0♓28 | 13°10 | 6° 7 | 6°15 | 29°48 | 26°32 | 19°55 | 0°18 | 28°41 | 27°29 | 26°50 | 10°17 | 24°39 | S 12 |
| S 13 | 23 31 10 | 21° 8'22 | 15°46 | 14°33 | 7° 3 | 6°54 | 29°42 | 26°39 | 19°56 | 0°19 | 28°43 | 27°19 | 26°47 | 10°23 | 24°36 | S 13 |
| M14 | 23 35 7 | 22° 6'33 | 1♈ 4 | 15°55 | 7°57 | 7°32 | 29°35 | 26°46 | 19°56 | 0°21 | 28°45 | 27° 8 | 26°44 | 10°30 | 24°33 | M14 |
| T 15 | 23 39 3 | 23° 4'46 | 16°12 | 17°16 | 8°51 | 8°11 | 29°28 | 26°54 | 19°57 | 0°23 | 28°46 | 26°57 | 26°40 | 10°37 | 24°31 | T 15 |
| W16 | 23 43 0 | 24° 3'02 | 0♉59 | 18°35 | 9°45 | 8°50 | 29°22 | 27° 1 | 19°57 | 0°25 | 28°48 | 26°48 | 26°37 | 10°43 | 24°28 | W16 |
| T 17 | 23 46 57 | 25° 1'19 | 15°20 | 19°52 | 10°38 | 9°28 | 29°15 | 27° 8 | 19°58 | 0°27 | 28°50 | 26°42 | 26°34 | 10°50 | 24°25 | T 17 |
| F 18 | 23 50 53 | 25°59'38 | 29°10 | 21° 8 | 11°30 | 10° 7 | 29° 9 | 27°15 | 19°58 | 0°29 | 28°52 | 26°38 | 26°31 | 10°57 | 24°23 | F 18 |
| S 19 | 23 54 50 | 26°57'59 | 12♊31 | 22°22 | 12°22 | 10°46 | 29° 3 | 27°22 | 19°59 | 0°31 | 28°53 | 26°36 | 26°28 | 11° 4 | 24°20 | S 19 |
| S 20 | 23 58 46 | 27°56'23 | 25°25 | 23°35 | 13°13 | 11°25 | 28°57 | 27°29 | 19°59 | 0°33 | 28°55 | 26°36 | 26°25 | 11°10 | 24°18 | S 20 |
| M21 | 0 2 43 | 28°54'48 | 7♋57 | 24°45 | 14° 4 | 12° 4 | 28°51 | 27°36 | 19°59 | 0°35 | 28°57 | 26°36 | 26°21 | 11°17 | 24°15 | M21 |
| T 22 | 0 6 39 | 29°53'16 | 20°12 | 25°54 | 14°54 | 12°43 | 28°46 | 27°43 | 19°59 | 0°37 | 28°58 | 26°35 | 26°18 | 11°24 | 24°13 | T 22 |
| W23 | 0 10 36 | 0♎51'46 | 2♌15 | 27° 1 | 15°43 | 13°22 | 28°40 | 27°50 | 19°59 | 0°39 | 29° 0 | 26°32 | 26°15 | 11°30 | 24°10 | W23 |
| T 24 | 0 14 32 | 1°50'18 | 14°10 | 28° 6 | 16°31 | 14° 1 | 28°35 | 27°57 | 19°59 | 0°41 | 29° 2 | 26°26 | 26°12 | 11°37 | 24° 8 | T 24 |
| F 25 | 0 18 29 | 2°48'51 | 26° 1 | 29° 8 | 17°19 | 14°40 | 28°29 | 28° 4 | 19°R59 | 0°43 | 29° 3 | 26°17 | 26° 9 | 11°44 | 24° 6 | F 25 |
| S 26 | 0 22 26 | 3°47'27 | 7♍52 | 0♏ 8 | 18° 6 | 15°19 | 28°24 | 28°10 | 19°59 | 0°45 | 29° 5 | 26° 6 | 26° 5 | 11°51 | 24° 3 | S 26 |
| S 27 | 0 26 22 | 4°46'05 | 19°44 | 1° 5 | 18°52 | 15°58 | 28°19 | 28°17 | 19°59 | 0°47 | 29° 7 | 25°53 | 26° 2 | 11°57 | 24° 1 | S 27 |
| M28 | 0 30 19 | 5°44'45 | 1♎40 | 2° 0 | 19°37 | 16°37 | 28°14 | 28°24 | 19°59 | 0°49 | 29° 8 | 25°39 | 25°59 | 12° 4 | 23°59 | M28 |
| T 29 | 0 34 15 | 6°43'27 | 13°41 | 2°52 | 20°21 | 17°16 | 28°10 | 28°31 | 19°59 | 0°51 | 29°10 | 25°25 | 25°56 | 12°11 | 23°57 | T 29 |
| W30 | 0 38 12 | 7♎42'10 | 25♎47 | 3♏40 | 21♏ 4 | 17♎55 | 28♒ 5 | 28♌37 | 19♊59 | 0♏53 | 29♌11 | 25♊13 | 25♊53 | 12♍18 | 23♒55 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7n59 | 2n45 | 4n59 | 1n58 | 0n36 | 11s34 | 1s51 | 1n 3 | 0n48 | 12s 9 | 1s11 | 14n 2 | 0n59 | 23n 0 | 0n 0 | 9s55 | 1n38 | 20n23 | 8n56 | 23n22 | 23n21 | 12n41 | 6s33 | 6n56 |
| W 2 | 7 37 | 2s 6 | 4 46 | 1 12 | 0 29 | 12 1 | 1 57 | 0 47 | 0 47 | 12 11 | 1 11 | 13 59 | 0 59 | 23 0 | 0 0 | 9 55 | 1 38 | 20 22 | 8 56 | 23 22 | 23 21 | 12 39 | 6 35 | 6 55 |
| T 3 | 7 15 | 6 56 | 4 20 | 0 27 | 0 21 | 12 29 | 2 3 | 0 31 | 0 47 | 12 14 | 1 11 | 13 57 | 0 59 | 23 0 | 0 0 | 9 56 | 1 38 | 20 22 | 8 56 | 23 22 | 23 21 | 12 36 | 6 36 | 6 55 |
| F 4 | 6 53 | 11 33 | 3 41 | 0s17 | 0 14 | 12 55 | 2 9 | 0 16 | 0 46 | 12 17 | 1 11 | 13 54 | 0 59 | 23 0 | 0 0 | 9 56 | 1 38 | 20 21 | 8 57 | 23 22 | 23 21 | 12 34 | 6 37 | 6 55 |
| S 5 | 6 31 | 15 47 | 2 52 | 1 2 | 0 6 | 13 22 | 2 15 | 0 0 | 0 46 | 12 20 | 1 11 | 13 52 | 0 59 | 23 0 | 0 0 | 9 57 | 1 38 | 20 21 | 8 57 | 23 22 | 23 21 | 12 32 | 6 38 | 6 55 |
| S 6 | 6 8 | 19 24 | 1 53 | 1 46 | 0s 2 | 13 48 | 2 21 | 0s16 | 0 45 | 12 22 | 1 11 | 13 49 | 0 59 | 23 0 | 0 0 | 9 58 | 1 38 | 20 20 | 8 57 | 23 22 | 23 21 | 12 30 | 6 39 | 6 55 |
| M 7 | 5 46 | 22 10 | 0 46 | 2 29 | 0 10 | 14 15 | 2 28 | 0 31 | 0 45 | 12 25 | 1 11 | 13 47 | 0 59 | 23 0 | 0 0 | 9 58 | 1 38 | 20 20 | 8 57 | 23 22 | 23 21 | 12 27 | 6 40 | 6 54 |
| T 8 | 5 24 | 23 46 | 0s25 | 3 12 | 0 18 | 14 40 | 2 34 | 0 47 | 0 44 | 12 27 | 1 11 | 13 45 | 1 0 | 23 0 | 0 0 | 9 59 | 1 38 | 20 19 | 8 57 | 23 22 | 23 21 | 12 25 | 6 42 | 6 54 |
| W 9 | 5 1 | 23 59 | 1 36 | 3 54 | 0 26 | 15 6 | 2 40 | 1 3 | 0 44 | 12 30 | 1 11 | 13 42 | 1 0 | 23 0 | 0 0 | 9 59 | 1 38 | 20 19 | 8 57 | 23 22 | 23 21 | 12 23 | 6 43 | 6 54 |
| T 10 | 4 39 | 22 38 | 2 44 | 4 36 | 0 34 | 15 31 | 2 46 | 1 18 | 0 43 | 12 33 | 1 11 | 13 40 | 1 0 | 23 0 | 0 0 | 10 0 | 1 38 | 20 18 | 8 57 | 23 22 | 23 21 | 12 20 | 6 44 | 6 54 |
| F 11 | 4 16 | 19 44 | 3 43 | 5 18 | 0 43 | 15 56 | 2 53 | 1 34 | 0 43 | 12 35 | 1 11 | 13 37 | 1 0 | 23 0 | 0 0 | 10 1 | 1 38 | 20 18 | 8 58 | 23 22 | 23 21 | 12 18 | 6 45 | 6 53 |
| S 12 | 3 53 | 15 27 | 4 28 | 5 58 | 0 51 | 16 21 | 2 59 | 1 50 | 0 42 | 12 37 | 1 11 | 13 35 | 1 0 | 23 0 | 0 0 | 10 1 | 1 38 | 20 17 | 8 58 | 23 21 | 23 21 | 12 16 | 6 46 | 6 53 |
| S 13 | 3 30 | 10 7 | 4 54 | 6 38 | 0 59 | 16 45 | 3 5 | 2 5 | 0 42 | 12 40 | 1 11 | 13 33 | 1 0 | 23 1 | 0 0 | 10 2 | 1 38 | 20 17 | 8 58 | 23 21 | 23 21 | 12 13 | 6 48 | 6 53 |
| M14 | 3 7 | 4 9 | 5 0 | 7 18 | 1 8 | 17 9 | 3 11 | 2 21 | 0 41 | 12 42 | 1 11 | 13 30 | 1 0 | 23 1 | 0 0 | 10 3 | 1 38 | 20 16 | 8 58 | 23 21 | 23 20 | 12 11 | 6 49 | 6 53 |
| T 15 | 2 44 | 1n59 | 4 44 | 7 56 | 1 16 | 17 32 | 3 18 | 2 37 | 0 41 | 12 45 | 1 11 | 13 28 | 1 0 | 23 1 | 0 1 | 10 3 | 1 38 | 20 16 | 8 58 | 23 21 | 23 20 | 12 9 | 6 50 | 6 52 |
| W16 | 2 21 | 7 54 | 4 9 | 8 34 | 1 25 | 17 56 | 3 24 | 2 52 | 0 40 | 12 47 | 1 11 | 13 26 | 1 0 | 23 1 | 0 1 | 10 4 | 1 38 | 20 15 | 8 58 | 23 21 | 23 20 | 12 6 | 6 51 | 6 52 |
| T 17 | 1 58 | 13 13 | 3 19 | 9 11 | 1 33 | 18 18 | 3 30 | 3 8 | 0 40 | 12 49 | 1 11 | 13 23 | 1 1 | 23 1 | 0 1 | 10 5 | 1 37 | 20 15 | 8 59 | 23 20 | 23 20 | 12 4 | 6 52 | 6 52 |
| F 18 | 1 35 | 17 39 | 2 20 | 9 47 | 1 41 | 18 41 | 3 37 | 3 24 | 0 39 | 12 51 | 1 11 | 13 21 | 1 1 | 23 1 | 0 1 | 10 5 | 1 37 | 20 15 | 8 59 | 23 20 | 23 20 | 12 2 | 6 53 | 6 51 |
| S 19 | 1 12 | 21 1 | 1 14 | 10 23 | 1 49 | 19 3 | 3 43 | 3 39 | 0 39 | 12 53 | 1 11 | 13 19 | 1 1 | 23 1 | 0 1 | 10 6 | 1 37 | 20 14 | 8 59 | 23 20 | 23 20 | 11 59 | 6 54 | 6 51 |
| S 20 | 0 49 | 23 12 | 0 6 | 10 57 | 1 58 | 19 25 | 3 49 | 3 55 | 0 38 | 12 55 | 1 11 | 13 16 | 1 1 | 23 1 | 0 1 | 10 7 | 1 37 | 20 14 | 8 59 | 23 20 | 23 20 | 11 57 | 6 55 | 6 51 |
| M21 | 0 26 | 24 8 | 1n 0 | 11 31 | 2 6 | 19 46 | 3 56 | 4 10 | 0 38 | 12 57 | 1 11 | 13 14 | 1 1 | 23 1 | 0 1 | 10 7 | 1 37 | 20 13 | 8 59 | 23 20 | 23 20 | 11 55 | 6 57 | 6 50 |
| T 22 | 0 3 | 23 52 | 2 1 | 12 3 | 2 14 | 20 7 | 4 2 | 4 26 | 0 37 | 12 59 | 1 11 | 13 12 | 1 1 | 23 1 | 0 1 | 10 8 | 1 37 | 20 13 | 9 0 | 23 20 | 23 20 | 11 52 | 6 58 | 6 50 |
| W23 | 0s21 | 22 28 | 2 56 | 12 35 | 2 21 | 20 28 | 4 8 | 4 42 | 0 37 | 13 1 | 1 11 | 13 9 | 1 1 | 23 1 | 0 1 | 10 9 | 1 37 | 20 12 | 9 0 | 23 20 | 23 20 | 11 50 | 6 59 | 6 50 |
| T 24 | 0 44 | 20 6 | 3 43 | 13 5 | 2 29 | 20 48 | 4 14 | 4 57 | 0 36 | 13 3 | 1 11 | 13 7 | 1 2 | 23 1 | 0 1 | 10 10 | 1 37 | 20 12 | 9 0 | 23 20 | 23 20 | 11 47 | 7 0 | 6 49 |
| F 25 | 1 7 | 16 53 | 4 20 | 13 35 | 2 36 | 21 7 | 4 21 | 5 13 | 0 36 | 13 5 | 1 11 | 13 5 | 1 2 | 23 1 | 0 1 | 10 10 | 1 37 | 20 12 | 9 0 | 23 20 | 23 20 | 11 45 | 7 1 | 6 49 |
| S 26 | 1 30 | 13 0 | 4 45 | 14 3 | 2 44 | 21 27 | 4 27 | 5 28 | 0 35 | 13 6 | 1 11 | 13 3 | 1 2 | 23 1 | 0 1 | 10 11 | 1 37 | 20 11 | 9 0 | 23 19 | 23 19 | 11 43 | 7 2 | 6 49 |
| S 27 | 1 53 | 8 37 | 4 58 | 14 29 | 2 51 | 21 46 | 4 33 | 5 44 | 0 35 | 13 8 | 1 11 | 13 1 | 1 2 | 23 1 | 0 1 | 10 12 | 1 37 | 20 11 | 9 1 | 23 19 | 23 19 | 11 40 | 7 3 | 6 48 |
| M28 | 2 17 | 3 54 | 4 58 | 14 55 | 2 57 | 22 4 | 4 39 | 5 59 | 0 34 | 13 10 | 1 11 | 12 58 | 1 2 | 23 1 | 0 1 | 10 13 | 1 37 | 20 11 | 9 1 | 23 19 | 23 19 | 11 38 | 7 4 | 6 48 |
| T 29 | 2 40 | 1s 0 | 4 45 | 15 19 | 3 4 | 22 22 | 4 45 | 6 15 | 0 34 | 13 11 | 1 11 | 12 56 | 1 2 | 23 1 | 0 1 | 10 13 | 1 37 | 20 10 | 9 1 | 23 18 | 23 19 | 11 36 | 7 5 | 6 48 |
| W30 | 3s 3 | 5s55 | 4n19 | 15s41 | 3s10 | 22s39 | 4s51 | 6s30 | 0n33 | 13s13 | 1s11 | 12n54 | 1n 2 | 23n 1 | 0n 1 | 10s14 | 1n37 | 20n10 | 9n 1 | 23n18 | 23n19 | 11n33 | 7s 6 | 6n47 |

Julian Day Number = 2615417.5, Delta T = 11m07s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'48, Lahiri = 30°07'49


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## OCTOBER 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 42 8 | 8♎40'56 | 8♏ 1 | 4♏25 | 21♏47 | 18♎35 | 28°R 1 | 28♌44 | 19°R58 | 0♏55 | 29♌13 | 25°R 2 | 25♊50 | 12♍24 | 23°R53 | T 1 |
| F 2 | 0 46 5 | 9°39'43 | 20°24 | 5° 6 | 22°28 | 19°14 | 27♒57 | 28°50 | 19♊58 | 0°57 | 29°14 | 24♊55 | 25°46 | 12°31 | 23♒51 | F 2 |
| S 3 | 0 50 1 | 10°38'32 | 2♐57 | 5°43 | 23° 9 | 19°53 | 27°53 | 28°57 | 19°58 | 0°59 | 29°16 | 24°51 | 25°43 | 12°38 | 23°49 | S 3 |
| S 4 | 0 53 58 | 11°37'23 | 15°43 | 6°16 | 23°48 | 20°33 | 27°49 | 29° 3 | 19°57 | 1° 1 | 29°17 | 24°49 | 25°40 | 12°44 | 23°47 | S 4 |
| M 5 | 0 57 55 | 12°36'16 | 28°46 | 6°44 | 24°26 | 21°12 | 27°46 | 29° 9 | 19°57 | 1° 3 | 29°19 | 24°D49 | 25°37 | 12°51 | 23°46 | M 5 |
| T 6 | 1 1 51 | 13°35'10 | 12♑ 7 | 7° 6 | 25° 3 | 21°51 | 27°43 | 29°16 | 19°56 | 1° 6 | 29°20 | 24°R49 | 25°34 | 12°58 | 23°44 | T 6 |
| W 7 | 1 5 48 | 14°34'07 | 25°50 | 7°23 | 25°38 | 22°31 | 27°39 | 29°22 | 19°55 | 1° 8 | 29°22 | 24°48 | 25°31 | 13° 5 | 23°42 | W 7 |
| T 8 | 1 9 44 | 15°33'04 | 9♒57 | 7°34 | 26°13 | 23°10 | 27°36 | 29°28 | 19°55 | 1°10 | 29°23 | 24°46 | 25°27 | 13°11 | 23°41 | T 8 |
| F 9 | 1 13 41 | 16°32'04 | 24°26 | 7°R38 | 26°46 | 23°50 | 27°34 | 29°34 | 19°54 | 1°12 | 29°24 | 24°42 | 25°24 | 13°18 | 23°39 | F 9 |
| S 10 | 1 17 37 | 17°31'05 | 9♓15 | 7°36 | 27°18 | 24°30 | 27°31 | 29°40 | 19°53 | 1°14 | 29°26 | 24°35 | 25°21 | 13°25 | 23°38 | S 10 |
| S 11 | 1 21 34 | 18°30'08 | 24°17 | 7°26 | 27°48 | 25° 9 | 27°29 | 29°46 | 19°52 | 1°16 | 29°27 | 24°26 | 25°18 | 13°31 | 23°36 | S 11 |
| M12 | 1 25 30 | 19°29'12 | 9♈23 | 7° 9 | 28°16 | 25°49 | 27°26 | 29°52 | 19°52 | 1°19 | 29°28 | 24°16 | 25°15 | 13°38 | 23°35 | M12 |
| T 13 | 1 29 27 | 20°28'19 | 24°24 | 6°43 | 28°43 | 26°29 | 27°24 | 29°58 | 19°51 | 1°21 | 29°30 | 24° 6 | 25°11 | 13°45 | 23°34 | T 13 |
| W14 | 1 33 23 | 21°27'28 | 9♉ 8 | 6°10 | 29° 9 | 27° 8 | 27°23 | 0♍ 4 | 19°50 | 1°23 | 29°31 | 23°58 | 25° 8 | 13°52 | 23°32 | W14 |
| T 15 | 1 37 20 | 22°26'39 | 23°30 | 5°29 | 29°33 | 27°48 | 27°21 | 0° 9 | 19°49 | 1°25 | 29°32 | 23°52 | 25° 5 | 13°58 | 23°31 | T 15 |
| F 16 | 1 41 17 | 23°25'52 | 7♊25 | 4°40 | 29°55 | 28°28 | 27°19 | 0°15 | 19°48 | 1°27 | 29°34 | 23°49 | 25° 2 | 14° 5 | 23°30 | F 16 |
| S 17 | 1 45 13 | 24°25'07 | 20°51 | 3°44 | 0♐15 | 29° 8 | 27°18 | 0°21 | 19°47 | 1°30 | 29°35 | 23°D48 | 24°59 | 14°12 | 23°29 | S 17 |
| S 18 | 1 49 10 | 25°24'25 | 3♋50 | 2°41 | 0°33 | 29°48 | 27°17 | 0°26 | 19°45 | 1°32 | 29°36 | 23°48 | 24°56 | 14°18 | 23°28 | S 18 |
| M19 | 1 53 6 | 26°23'45 | 16°26 | 1°34 | 0°50 | 0♏28 | 27°16 | 0°32 | 19°44 | 1°34 | 29°37 | 23°49 | 24°52 | 14°25 | 23°27 | M19 |
| T 20 | 1 57 3 | 27°23'07 | 28°44 | 0°23 | 1° 4 | 1° 8 | 27°16 | 0°37 | 19°43 | 1°36 | 29°38 | 23°R49 | 24°49 | 14°32 | 23°26 | T 20 |
| W21 | 2 0 59 | 28°22'31 | 10♌47 | 29♎11 | 1°17 | 1°48 | 27°15 | 0°42 | 19°42 | 1°39 | 29°39 | 23°48 | 24°46 | 14°39 | 23°26 | W21 |
| T 22 | 2 4 56 | 29°21'58 | 22°42 | 27°58 | 1°27 | 2°28 | 27°15 | 0°48 | 19°40 | 1°41 | 29°41 | 23°45 | 24°43 | 14°45 | 23°25 | T 22 |
| F 23 | 2 8 52 | 0♏21'27 | 4♍34 | 26°48 | 1°35 | 3° 8 | 27°D15 | 0°53 | 19°39 | 1°43 | 29°42 | 23°40 | 24°40 | 14°52 | 23°24 | F 23 |
| S 24 | 2 12 49 | 1°20'58 | 16°25 | 25°42 | 1°41 | 3°48 | 27°15 | 0°58 | 19°38 | 1°45 | 29°43 | 23°33 | 24°36 | 14°59 | 23°24 | S 24 |
| S 25 | 2 16 46 | 2°20'31 | 28°20 | 24°43 | 1°45 | 4°28 | 27°16 | 1° 3 | 19°36 | 1°48 | 29°44 | 23°24 | 24°33 | 15° 6 | 23°23 | S 25 |
| M26 | 2 20 42 | 3°20'07 | 10♎21 | 23°51 | 1°R47 | 5° 9 | 27°16 | 1° 8 | 19°35 | 1°50 | 29°45 | 23°14 | 24°30 | 15°12 | 23°23 | M26 |
| T 27 | 2 24 39 | 4°19'44 | 22°31 | 23°10 | 1°46 | 5°49 | 27°17 | 1°13 | 19°33 | 1°52 | 29°46 | 23° 4 | 24°27 | 15°19 | 23°22 | T 27 |
| W28 | 2 28 35 | 5°19'24 | 4♏49 | 22°38 | 1°42 | 6°29 | 27°18 | 1°17 | 19°32 | 1°54 | 29°47 | 22°55 | 24°24 | 15°26 | 23°22 | W28 |
| T 29 | 2 32 32 | 6°19'05 | 17°18 | 22°18 | 1°37 | 7°10 | 27°19 | 1°22 | 19°30 | 1°56 | 29°48 | 22°49 | 24°21 | 15°32 | 23°22 | T 29 |
| F 30 | 2 36 28 | 7°18'49 | 29°57 | 22°D 9 | 1°29 | 7°50 | 27°21 | 1°27 | 19°28 | 1°59 | 29°49 | 22°44 | 24°17 | 15°39 | 23°22 | F 30 |
| S 31 | 2 40 25 | 8♏18'34 | 12♐46 | 22♎11 | 1♐18 | 8♏30 | 27♒22 | 1♍31 | 19♊27 | 2♏ 1 | 29♌49 | 22♊41 | 24♊14 | 15♍46 | 23♒22 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s26 | 10s40 | 3n41 | 16s 1 | 3s15 | 22s56 | 4s57 | 6s45 | 0n33 | 13s14 | 1s10 | 12n52 | 1n 3 | 23n 1 | 0n 1 | 10s15 | 1n37 | 20n 9 | 9n 2 | 23n17 | 23n19 | 11n31 | 7s 7 | 6n47 |
| F 2 | 3 49 | 15 3 | 2 51 | 16 20 | 3 20 | 23 13 | 5 2 | 7 1 | 0 32 | 13 15 | 1 10 | 12 50 | 1 3 | 23 1 | 0 1 | 10 15 | 1 37 | 20 9 | 9 2 | 23 17 | 23 19 | 11 28 | 7 8 | 6 46 |
| S 3 | 4 12 | 18 51 | 1 53 | 16 37 | 3 25 | 23 29 | 5 8 | 7 16 | 0 32 | 13 17 | 1 10 | 12 48 | 1 3 | 23 1 | 0 1 | 10 16 | 1 37 | 20 9 | 9 2 | 23 17 | 23 19 | 11 26 | 7 9 | 6 46 |
| S 4 | 4 35 | 21 49 | 0 48 | 16 52 | 3 29 | 23 44 | 5 14 | 7 31 | 0 31 | 13 18 | 1 10 | 12 46 | 1 3 | 23 1 | 0 1 | 10 17 | 1 37 | 20 9 | 9 2 | 23 17 | 23 19 | 11 24 | 7 10 | 6 46 |
| M 5 | 4 58 | 23 43 | 0s21 | 17 4 | 3 32 | 23 59 | 5 19 | 7 46 | 0 31 | 13 19 | 1 10 | 12 44 | 1 3 | 23 1 | 0 1 | 10 18 | 1 37 | 20 8 | 9 3 | 23 17 | 23 19 | 11 21 | 7 11 | 6 45 |
| T 6 | 5 21 | 24 20 | 1 31 | 17 14 | 3 35 | 24 14 | 5 25 | 8 2 | 0 30 | 13 20 | 1 10 | 12 41 | 1 3 | 23 1 | 0 1 | 10 18 | 1 37 | 20 8 | 9 3 | 23 17 | 23 18 | 11 19 | 7 12 | 6 45 |
| W 7 | 5 44 | 23 30 | 2 37 | 17 21 | 3 37 | 24 28 | 5 30 | 8 17 | 0 30 | 13 21 | 1 10 | 12 39 | 1 3 | 23 1 | 0 1 | 10 19 | 1 37 | 20 8 | 9 3 | 23 17 | 23 18 | 11 16 | 7 13 | 6 44 |
| T 8 | 6 6 | 21 10 | 3 35 | 17 26 | 3 38 | 24 41 | 5 35 | 8 32 | 0 29 | 13 22 | 1 10 | 12 37 | 1 4 | 23 1 | 0 1 | 10 20 | 1 37 | 20 7 | 9 3 | 23 17 | 23 18 | 11 14 | 7 14 | 6 44 |
| F 9 | 6 29 | 17 27 | 4 22 | 17 27 | 3 37 | 24 54 | 5 40 | 8 47 | 0 29 | 13 23 | 1 10 | 12 35 | 1 4 | 23 1 | 0 1 | 10 21 | 1 37 | 20 7 | 9 4 | 23 17 | 23 18 | 11 12 | 7 15 | 6 43 |
| S 10 | 6 52 | 12 35 | 4 52 | 17 25 | 3 36 | 25 6 | 5 45 | 9 2 | 0 28 | 13 24 | 1 10 | 12 33 | 1 4 | 23 1 | 0 1 | 10 22 | 1 37 | 20 7 | 9 4 | 23 16 | 23 18 | 11 9 | 7 16 | 6 43 |
| S 11 | 7 14 | 6 54 | 5 3 | 17 19 | 3 33 | 25 17 | 5 49 | 9 17 | 0 28 | 13 24 | 1 9 | 12 32 | 1 4 | 23 1 | 0 1 | 10 22 | 1 37 | 20 7 | 9 4 | 23 16 | 23 18 | 11 7 | 7 16 | 6 43 |
| M12 | 7 36 | 0 46 | 4 52 | 17 9 | 3 29 | 25 28 | 5 54 | 9 32 | 0 27 | 13 25 | 1 9 | 12 30 | 1 4 | 23 0 | 0 1 | 10 23 | 1 37 | 20 6 | 9 4 | 23 15 | 23 18 | 11 4 | 7 17 | 6 42 |
| T 13 | 7 59 | 5n22 | 4 22 | 16 56 | 3 23 | 25 39 | 5 58 | 9 47 | 0 27 | 13 26 | 1 9 | 12 28 | 1 4 | 23 0 | 0 1 | 10 24 | 1 37 | 20 6 | 9 5 | 23 15 | 23 18 | 11 2 | 7 18 | 6 42 |
| W14 | 8 21 | 11 7 | 3 34 | 16 38 | 3 16 | 25 49 | 6 2 | 10 1 | 0 26 | 13 26 | 1 9 | 12 26 | 1 5 | 23 0 | 0 1 | 10 25 | 1 37 | 20 6 | 9 5 | 23 15 | 23 18 | 10 59 | 7 19 | 6 41 |
| T 15 | 8 43 | 16 7 | 2 34 | 16 15 | 3 7 | 25 58 | 6 6 | 10 16 | 0 26 | 13 27 | 1 9 | 12 24 | 1 5 | 23 0 | 0 1 | 10 25 | 1 37 | 20 6 | 9 5 | 23 14 | 23 17 | 10 57 | 7 20 | 6 41 |
| F 16 | 9 5 | 20 4 | 1 26 | 15 49 | 2 56 | 26 6 | 6 10 | 10 31 | 0 25 | 13 27 | 1 9 | 12 22 | 1 5 | 23 0 | 0 1 | 10 26 | 1 37 | 20 6 | 9 5 | 23 14 | 23 17 | 10 55 | 7 21 | 6 40 |
| S 17 | 9 27 | 22 48 | 0 16 | 15 17 | 2 43 | 26 14 | 6 13 | 10 45 | 0 25 | 13 27 | 1 9 | 12 20 | 1 5 | 23 0 | 0 1 | 10 27 | 1 37 | 20 5 | 9 6 | 23 14 | 23 17 | 10 52 | 7 21 | 6 40 |
| S 18 | 9 48 | 24 13 | 0n54 | 14 42 | 2 29 | 26 21 | 6 16 | 11 0 | 0 24 | 13 28 | 1 9 | 12 19 | 1 5 | 23 0 | 0 1 | 10 28 | 1 37 | 20 5 | 9 6 | 23 14 | 23 17 | 10 50 | 7 22 | 6 39 |
| M19 | 10 10 | 24 20 | 1 58 | 14 4 | 2 13 | 26 27 | 6 19 | 11 14 | 0 23 | 13 28 | 1 9 | 12 17 | 1 5 | 23 0 | 0 1 | 10 28 | 1 37 | 20 5 | 9 6 | 23 14 | 23 17 | 10 47 | 7 23 | 6 39 |
| T 20 | 10 31 | 23 14 | 2 56 | 13 22 | 1 55 | 26 32 | 6 21 | 11 29 | 0 23 | 13 28 | 1 8 | 12 15 | 1 6 | 23 0 | 0 1 | 10 29 | 1 37 | 20 5 | 9 7 | 23 14 | 23 17 | 10 45 | 7 24 | 6 38 |
| W21 | 10 52 | 21 5 | 3 44 | 12 39 | 1 36 | 26 37 | 6 23 | 11 43 | 0 22 | 13 28 | 1 8 | 12 13 | 1 6 | 23 0 | 0 1 | 10 30 | 1 37 | 20 5 | 9 7 | 23 14 | 23 17 | 10 42 | 7 24 | 6 38 |
| T 22 | 11 13 | 18 3 | 4 23 | 11 55 | 1 16 | 26 41 | 6 25 | 11 57 | 0 22 | 13 28 | 1 8 | 12 12 | 1 6 | 23 0 | 0 1 | 10 31 | 1 37 | 20 5 | 9 7 | 23 14 | 23 17 | 10 40 | 7 25 | 6 37 |
| F 23 | 11 34 | 14 18 | 4 49 | 11 10 | 0 55 | 26 44 | 6 27 | 12 12 | 0 21 | 13 28 | 1 8 | 12 10 | 1 6 | 23 0 | 0 1 | 10 31 | 1 37 | 20 5 | 9 7 | 23 14 | 23 16 | 10 37 | 7 26 | 6 37 |
| S 24 | 11 55 | 10 0 | 5 4 | 10 27 | 0 35 | 26 46 | 6 27 | 12 26 | 0 21 | 13 28 | 1 8 | 12 8 | 1 6 | 23 0 | 0 1 | 10 32 | 1 37 | 20 4 | 9 8 | 23 13 | 23 16 | 10 35 | 7 26 | 6 36 |
| S 25 | 12 15 | 5 19 | 5 5 | 9 46 | 0 14 | 26 47 | 6 28 | 12 40 | 0 20 | 13 27 | 1 8 | 12 7 | 1 6 | 22 59 | 0 1 | 10 33 | 1 37 | 20 4 | 9 8 | 23 13 | 23 16 | 10 32 | 7 27 | 6 36 |
| M26 | 12 36 | 0 24 | 4 53 | 9 9 | 0n 5 | 26 48 | 6 28 | 12 54 | 0 20 | 13 27 | 1 8 | 12 5 | 1 7 | 22 59 | 0 1 | 10 34 | 1 37 | 20 4 | 9 8 | 23 13 | 23 16 | 10 30 | 7 27 | 6 36 |
| T 27 | 12 56 | 4s36 | 4 27 | 8 36 | 0 24 | 26 47 | 6 27 | 13 8 | 0 19 | 13 27 | 1 7 | 12 4 | 1 7 | 22 59 | 0 1 | 10 35 | 1 37 | 20 4 | 9 9 | 23 12 | 23 16 | 10 27 | 7 28 | 6 35 |
| W28 | 13 16 | 9 30 | 3 49 | 8 8 | 0 42 | 26 45 | 6 26 | 13 21 | 0 19 | 13 26 | 1 7 | 12 2 | 1 7 | 22 59 | 0 1 | 10 35 | 1 37 | 20 4 | 9 9 | 23 12 | 23 16 | 10 25 | 7 29 | 6 35 |
| T 29 | 13 36 | 14 5 | 2 59 | 7 46 | 0 58 | 26 43 | 6 25 | 13 35 | 0 18 | 13 26 | 1 7 | 12 1 | 1 7 | 22 59 | 0 1 | 10 36 | 1 37 | 20 4 | 9 9 | 23 11 | 23 16 | 10 22 | 7 29 | 6 34 |
| F 30 | 13 55 | 18 8 | 2 0 | 7 29 | 1 13 | 26 39 | 6 23 | 13 49 | 0 18 | 13 25 | 1 7 | 11 59 | 1 7 | 22 59 | 0 1 | 10 37 | 1 37 | 20 4 | 9 10 | 23 11 | 23 16 | 10 20 | 7 30 | 6 34 |
| S 31 | 14s14 | 21s24 | 0n53 | 7s18 | 1n25 | 26s34 | 6s20 | 14s 2 | 0n17 | 13s24 | 1s 7 | 11n58 | 1n 8 | 22n59 | 0n 1 | 10s38 | 1n37 | 20n 4 | 9n10 | 23n11 | 23n15 | 10n17 | 7s30 | 6n33 |

Julian Day Number = 2615447.5, Delta T = 11m07s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'53, Lahiri = 30°07'53


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## NOVEMBER 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 44 21 | 9♏18'21 | 25♐48 | 22♎24 | 1°R 5 | 9♏11 | 27♒24 | 1♍35 | 19°R25 | 2♏ 3 | 29♌50 | 22°D41 | 24♊11 | 15♍53 | 23°D22 | S 1 |
| M 2 | 2 48 18 | 10°18'10 | 9♑ 3 | 22°47 | 0♐50 | 9°51 | 27°26 | 1°40 | 19♊23 | 2° 5 | 29°51 | 22♊42 | 24° 8 | 15°59 | 23♒22 | M 2 |
| T 3 | 2 52 15 | 11°18'01 | 22°31 | 23°20 | 0°32 | 10°32 | 27°28 | 1°44 | 19°21 | 2° 8 | 29°52 | 22°43 | 24° 5 | 16° 6 | 23°22 | T 3 |
| W 4 | 2 56 11 | 12°17'53 | 6♒15 | 24° 2 | 0°12 | 11°13 | 27°30 | 1°48 | 19°20 | 2°10 | 29°53 | 22°R44 | 24° 2 | 16°13 | 23°22 | W 4 |
| T 5 | 3 0 8 | 13°17'47 | 20°14 | 24°52 | 29♏50 | 11°53 | 27°33 | 1°52 | 19°18 | 2°12 | 29°54 | 22°44 | 23°58 | 16°19 | 23°22 | T 5 |
| F 6 | 3 4 4 | 14°17'42 | 4♓29 | 25°49 | 29°25 | 12°34 | 27°36 | 1°56 | 19°16 | 2°14 | 29°54 | 22°43 | 23°55 | 16°26 | 23°22 | F 6 |
| S 7 | 3 8 1 | 15°17'39 | 18°57 | 26°52 | 28°59 | 13°15 | 27°39 | 2° 0 | 19°14 | 2°16 | 29°55 | 22°39 | 23°52 | 16°33 | 23°23 | S 7 |
| S 8 | 3 11 57 | 16°17'38 | 3♈34 | 28° 1 | 28°31 | 13°55 | 27°42 | 2° 4 | 19°12 | 2°19 | 29°56 | 22°35 | 23°49 | 16°40 | 23°23 | S 8 |
| M 9 | 3 15 54 | 17°17'38 | 18°14 | 29°15 | 28° 1 | 14°36 | 27°45 | 2° 8 | 19°10 | 2°21 | 29°56 | 22°29 | 23°46 | 16°46 | 23°24 | M 9 |
| T 10 | 3 19 50 | 18°17'40 | 2♉51 | 0♏32 | 27°29 | 15°17 | 27°49 | 2°11 | 19° 8 | 2°23 | 29°57 | 22°24 | 23°42 | 16°53 | 23°24 | T 10 |
| W11 | 3 23 47 | 19°17'43 | 17°18 | 1°53 | 26°56 | 15°58 | 27°53 | 2°15 | 19° 6 | 2°25 | 29°57 | 22°19 | 23°39 | 17° 0 | 23°25 | W11 |
| T 12 | 3 27 44 | 20°17'49 | 1♊28 | 3°17 | 26°22 | 16°39 | 27°56 | 2°18 | 19° 4 | 2°27 | 29°58 | 22°16 | 23°36 | 17° 7 | 23°26 | T 12 |
| F 13 | 3 31 40 | 21°17'56 | 15°16 | 4°44 | 25°46 | 17°20 | 28° 1 | 2°22 | 19° 1 | 2°29 | 29°59 | 22°15 | 23°33 | 17°13 | 23°27 | F 13 |
| S 14 | 3 35 37 | 22°18'05 | 28°41 | 6°12 | 25°11 | 18° 1 | 28° 5 | 2°25 | 18°59 | 2°32 | 29°59 | 22°D15 | 23°30 | 17°20 | 23°27 | S 14 |
| S 15 | 3 39 33 | 23°18'16 | 11♋42 | 7°42 | 24°34 | 18°42 | 28° 9 | 2°28 | 18°57 | 2°34 | 29°59 | 22°16 | 23°27 | 17°27 | 23°28 | S 15 |
| M16 | 3 43 30 | 24°18'30 | 24°22 | 9°14 | 23°58 | 19°23 | 28°14 | 2°31 | 18°55 | 2°36 | 29°59 | 22°17 | 23°23 | 17°33 | 23°29 | M16 |
| T 17 | 3 47 26 | 25°18'45 | 6♌43 | 10°46 | 23°21 | 20° 4 | 28°19 | 2°34 | 18°53 | 2°38 | 0♍ 0 | 22°19 | 23°20 | 17°40 | 23°30 | T 17 |
| W18 | 3 51 23 | 26°19'02 | 18°50 | 12°20 | 22°45 | 20°46 | 28°24 | 2°37 | 18°50 | 2°40 | 0° 1 | 22°20 | 23°17 | 17°47 | 23°31 | W18 |
| T 19 | 3 55 19 | 27°19'21 | 0♍47 | 13°54 | 22° 9 | 21°27 | 28°29 | 2°39 | 18°48 | 2°42 | 0° 1 | 22°R20 | 23°14 | 17°54 | 23°33 | T 19 |
| F 20 | 3 59 16 | 28°19'42 | 12°39 | 15°29 | 21°34 | 22° 8 | 28°34 | 2°42 | 18°46 | 2°44 | 0° 2 | 22°19 | 23°11 | 18° 0 | 23°34 | F 20 |
| S 21 | 4 3 13 | 29°20'04 | 24°32 | 17° 4 | 21° 0 | 22°49 | 28°40 | 2°45 | 18°43 | 2°46 | 0° 2 | 22°17 | 23° 8 | 18° 7 | 23°35 | S 21 |
| S 22 | 4 7 9 | 0♐20'29 | 6♎29 | 18°39 | 20°28 | 23°31 | 28°46 | 2°47 | 18°41 | 2°48 | 0° 2 | 22°15 | 23° 4 | 18°14 | 23°37 | S 22 |
| M23 | 4 11 6 | 1°20'55 | 18°34 | 20°14 | 19°56 | 24°12 | 28°52 | 2°49 | 18°39 | 2°50 | 0° 2 | 22°11 | 23° 1 | 18°20 | 23°38 | M23 |
| T 24 | 4 15 2 | 2°21'23 | 0♏50 | 21°50 | 19°27 | 24°54 | 28°58 | 2°51 | 18°36 | 2°52 | 0° 3 | 22° 8 | 22°58 | 18°27 | 23°40 | T 24 |
| W25 | 4 18 59 | 3°21'53 | 13°20 | 23°25 | 18°59 | 25°35 | 29° 4 | 2°54 | 18°34 | 2°54 | 0° 3 | 22° 5 | 22°55 | 18°34 | 23°41 | W25 |
| T 26 | 4 22 55 | 4°22'25 | 26° 4 | 25° 1 | 18°33 | 26°17 | 29°10 | 2°56 | 18°31 | 2°56 | 0° 3 | 22° 2 | 22°52 | 18°41 | 23°43 | T 26 |
| F 27 | 4 26 52 | 5°22'58 | 9♐ 2 | 26°37 | 18° 9 | 26°58 | 29°17 | 2°57 | 18°29 | 2°58 | 0° 3 | 22° 1 | 22°48 | 18°47 | 23°45 | F 27 |
| S 28 | 4 30 48 | 6°23'33 | 22°15 | 28°12 | 17°47 | 27°40 | 29°24 | 2°59 | 18°26 | 3° 0 | 0° 3 | 22°D 1 | 22°45 | 18°54 | 23°46 | S 28 |
| S 29 | 4 34 45 | 7°24'09 | 5♑41 | 29°48 | 17°28 | 28°22 | 29°30 | 3° 1 | 18°24 | 3° 2 | 0° 3 | 22° 1 | 22°42 | 19° 1 | 23°48 | S 29 |
| M30 | 4 38 42 | 8♐24'47 | 19♑19 | 1♐23 | 17♏11 | 29♏ 3 | 29♒37 | 3♍ 2 | 18♊22 | 3♏ 4 | 0♍ 3 | 22♊ 2 | 22♊39 | 19♍ 8 | 23♒50 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s34 | 23s36 | 0s17 | 7s12 | 1n37 | 26s28 | 6s17 | 14s16 | 0n16 | 13s24 | 1s 7 | 11n56 | 1n 8 | 22n59 | 0n 1 | 10s38 | 1n37 | 20n 4 | 9n10 | 23n11 | 23n15 | 10n15 | 7s31 | 6n33 |
| M 2 | 14 52 | 24 32 | 1 28 | 7 12 | 1 46 | 26 21 | 6 13 | 14 29 | 0 16 | 13 23 | 1 7 | 11 55 | 1 8 | 22 58 | 0 1 | 10 39 | 1 37 | 20 4 | 9 11 | 23 11 | 23 15 | 10 12 | 7 31 | 6 32 |
| T 3 | 15 11 | 24 3 | 2 35 | 7 17 | 1 54 | 26 12 | 6 8 | 14 42 | 0 15 | 13 22 | 1 6 | 11 54 | 1 8 | 22 58 | 0 1 | 10 40 | 1 37 | 20 4 | 9 11 | 23 11 | 23 15 | 10 10 | 7 31 | 6 32 |
| W 4 | 15 29 | 22 7 | 3 34 | 7 27 | 2 0 | 26 3 | 6 3 | 14 55 | 0 15 | 13 21 | 1 6 | 11 52 | 1 8 | 22 58 | 0 1 | 10 41 | 1 37 | 20 4 | 9 11 | 23 11 | 23 15 | 10 7 | 7 32 | 6 31 |
| T 5 | 15 48 | 18 51 | 4 22 | 7 40 | 2 5 | 25 52 | 5 57 | 15 8 | 0 14 | 13 20 | 1 6 | 11 51 | 1 9 | 22 58 | 0 1 | 10 41 | 1 37 | 20 4 | 9 11 | 23 11 | 23 15 | 10 5 | 7 32 | 6 31 |
| F 6 | 16 5 | 14 25 | 4 55 | 7 58 | 2 8 | 25 40 | 5 50 | 15 21 | 0 14 | 13 19 | 1 6 | 11 50 | 1 9 | 22 58 | 0 1 | 10 42 | 1 37 | 20 4 | 9 12 | 23 11 | 23 15 | 10 2 | 7 33 | 6 30 |
| S 7 | 16 23 | 9 7 | 5 10 | 8 19 | 2 10 | 25 27 | 5 42 | 15 34 | 0 13 | 13 18 | 1 6 | 11 49 | 1 9 | 22 58 | 0 1 | 10 43 | 1 37 | 20 4 | 9 12 | 23 11 | 23 14 | 10 0 | 7 33 | 6 30 |
| S 8 | 16 40 | 3 15 | 5 5 | 8 42 | 2 11 | 25 12 | 5 34 | 15 47 | 0 13 | 13 16 | 1 6 | 11 47 | 1 9 | 22 58 | 0 1 | 10 43 | 1 37 | 20 4 | 9 12 | 23 10 | 23 14 | 9 57 | 7 33 | 6 29 |
| M 9 | 16 57 | 2n49 | 4 40 | 9 8 | 2 11 | 24 57 | 5 25 | 15 59 | 0 12 | 13 15 | 1 6 | 11 46 | 1 9 | 22 57 | 0 1 | 10 44 | 1 37 | 20 4 | 9 13 | 23 10 | 23 14 | 9 55 | 7 34 | 6 29 |
| T 10 | 17 14 | 8 43 | 3 57 | 9 36 | 2 10 | 24 40 | 5 15 | 16 12 | 0 11 | 13 14 | 1 6 | 11 45 | 1 10 | 22 57 | 0 1 | 10 45 | 1 37 | 20 4 | 9 13 | 23 10 | 23 14 | 9 52 | 7 34 | 6 28 |
| W11 | 17 30 | 14 5 | 2 59 | 10 6 | 2 8 | 24 22 | 5 5 | 16 24 | 0 11 | 13 12 | 1 5 | 11 44 | 1 10 | 22 57 | 0 1 | 10 46 | 1 37 | 20 4 | 9 13 | 23 10 | 23 14 | 9 50 | 7 34 | 6 28 |
| T 12 | 17 47 | 18 35 | 1 51 | 10 37 | 2 5 | 24 3 | 4 54 | 16 37 | 0 10 | 13 11 | 1 5 | 11 43 | 1 10 | 22 57 | 0 1 | 10 46 | 1 37 | 20 5 | 9 14 | 23 9 | 23 14 | 9 47 | 7 34 | 6 27 |
| F 13 | 18 2 | 21 56 | 0 38 | 11 9 | 2 2 | 23 43 | 4 42 | 16 49 | 0 10 | 13 9 | 1 5 | 11 42 | 1 10 | 22 57 | 0 1 | 10 47 | 1 37 | 20 5 | 9 14 | 23 9 | 23 13 | 9 45 | 7 35 | 6 27 |
| S 14 | 18 18 | 23 58 | 0n35 | 11 42 | 1 58 | 23 22 | 4 30 | 17 1 | 0 9 | 13 8 | 1 5 | 11 41 | 1 10 | 22 57 | 0 1 | 10 48 | 1 37 | 20 5 | 9 14 | 23 9 | 23 13 | 9 42 | 7 35 | 6 26 |
| S 15 | 18 33 | 24 36 | 1 45 | 12 15 | 1 54 | 23 1 | 4 17 | 17 13 | 0 9 | 13 6 | 1 5 | 11 40 | 1 11 | 22 56 | 0 1 | 10 49 | 1 37 | 20 5 | 9 15 | 23 9 | 23 13 | 9 40 | 7 35 | 6 26 |
| M16 | 18 48 | 23 56 | 2 47 | 12 49 | 1 49 | 22 38 | 4 3 | 17 24 | 0 8 | 13 4 | 1 5 | 11 39 | 1 11 | 22 56 | 0 1 | 10 49 | 1 37 | 20 5 | 9 15 | 23 9 | 23 13 | 9 37 | 7 35 | 6 25 |
| T 17 | 19 3 | 22 6 | 3 40 | 13 22 | 1 44 | 22 16 | 3 49 | 17 36 | 0 7 | 13 2 | 1 5 | 11 38 | 1 11 | 22 56 | 0 1 | 10 50 | 1 37 | 20 5 | 9 15 | 23 10 | 23 13 | 9 34 | 7 35 | 6 25 |
| W18 | 19 17 | 19 18 | 4 22 | 13 56 | 1 38 | 21 53 | 3 35 | 17 47 | 0 7 | 13 1 | 1 4 | 11 38 | 1 11 | 22 56 | 0 1 | 10 51 | 1 37 | 20 5 | 9 16 | 23 10 | 23 13 | 9 32 | 7 35 | 6 24 |
| T 19 | 19 31 | 15 43 | 4 52 | 14 30 | 1 33 | 21 29 | 3 20 | 17 59 | 0 6 | 12 59 | 1 4 | 11 37 | 1 11 | 22 56 | 0 1 | 10 51 | 1 37 | 20 6 | 9 16 | 23 10 | 23 13 | 9 29 | 7 35 | 6 24 |
| F 20 | 19 44 | 11 34 | 5 10 | 15 3 | 1 27 | 21 5 | 3 5 | 18 10 | 0 6 | 12 57 | 1 4 | 11 36 | 1 12 | 22 56 | 0 1 | 10 52 | 1 37 | 20 6 | 9 16 | 23 10 | 23 12 | 9 27 | 7 35 | 6 23 |
| S 21 | 19 58 | 6 58 | 5 14 | 15 36 | 1 20 | 20 42 | 2 50 | 18 21 | 0 5 | 12 55 | 1 4 | 11 35 | 1 12 | 22 55 | 0 1 | 10 53 | 1 37 | 20 6 | 9 17 | 23 9 | 23 12 | 9 24 | 7 35 | 6 23 |
| S 22 | 20 10 | 2 6 | 5 5 | 16 9 | 1 14 | 20 18 | 2 35 | 18 32 | 0 5 | 12 52 | 1 4 | 11 35 | 1 12 | 22 55 | 0 1 | 10 53 | 1 37 | 20 6 | 9 17 | 23 9 | 23 12 | 9 22 | 7 35 | 6 22 |
| M23 | 20 23 | 2s55 | 4 42 | 16 41 | 1 7 | 19 55 | 2 19 | 18 43 | 0 4 | 12 50 | 1 4 | 11 34 | 1 12 | 22 55 | 0 1 | 10 54 | 1 37 | 20 6 | 9 17 | 23 9 | 23 12 | 9 19 | 7 35 | 6 22 |
| T 24 | 20 35 | 7 54 | 4 6 | 17 12 | 1 0 | 19 32 | 2 4 | 18 53 | 0 3 | 12 48 | 1 4 | 11 33 | 1 12 | 22 55 | 0 1 | 10 55 | 1 38 | 20 7 | 9 18 | 23 9 | 23 12 | 9 17 | 7 35 | 6 21 |
| W25 | 20 47 | 12 40 | 3 17 | 17 43 | 0 54 | 19 9 | 1 48 | 19 4 | 0 3 | 12 46 | 1 3 | 11 33 | 1 13 | 22 55 | 0 1 | 10 55 | 1 38 | 20 7 | 9 18 | 23 9 | 23 12 | 9 14 | 7 35 | 6 21 |
| T 26 | 20 58 | 16 59 | 2 18 | 18 13 | 0 47 | 18 47 | 1 33 | 19 14 | 0 2 | 12 43 | 1 3 | 11 32 | 1 13 | 22 54 | 0 1 | 10 56 | 1 38 | 20 7 | 9 19 | 23 9 | 23 11 | 9 11 | 7 35 | 6 20 |
| F 27 | 21 9 | 20 35 | 1 11 | 18 42 | 0 40 | 18 26 | 1 18 | 19 25 | 0 2 | 12 41 | 1 3 | 11 32 | 1 13 | 22 54 | 0 1 | 10 57 | 1 38 | 20 7 | 9 19 | 23 8 | 23 11 | 9 9 | 7 35 | 6 20 |
| S 28 | 21 19 | 23 11 | 0s 1 | 19 11 | 0 33 | 18 6 | 1 2 | 19 35 | 0 1 | 12 39 | 1 3 | 11 31 | 1 13 | 22 54 | 0 1 | 10 57 | 1 38 | 20 8 | 9 19 | 23 8 | 23 11 | 9 6 | 7 35 | 6 20 |
| S 29 | 21 30 | 24 30 | 1 15 | 19 38 | 0 26 | 17 46 | 0 48 | 19 44 | 0 0 | 12 36 | 1 3 | 11 31 | 1 14 | 22 54 | 0 1 | 10 58 | 1 38 | 20 8 | 9 20 | 23 8 | 23 11 | 9 4 | 7 35 | 6 19 |
| M30 | 21s39 | 24s23 | 2s25 | 20s 5 | 0n19 | 17s27 | 0s33 | 19s54 | 0s 0 | 12s33 | 1s 3 | 11n31 | 1n14 | 22n54 | 0n 1 | 10s58 | 1n38 | 20n 8 | 9n20 | 23n 9 | 23n11 | 9n 1 | 7s35 | 6n19 |

Julian Day Number = 2615478.5, Delta T = 11m07s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°00'57, Lahiri = 30°07'57


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# ASTRODIENST EPHEMERIS for the year 2448
# geocentric

## DECEMBER 2448 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 42 38 | 9♐25'25 | 3♒ 8 | 2♐58 | 16°R56 | 29♏45 | 29♒45 | 3♍ 4 | 18°R19 | 3♏ 6 | 0°R 3 | 22♊ 3 | 22♊36 | 19♍14 | 23♒52 | T 1 |
| W 2 | 4 46 35 | 10°26'05 | 17° 5 | 4°33 | 16♏44 | 0♐27 | 29°52 | 3° 5 | 18♊17 | 3° 8 | 0♍ 3 | 22° 4 | 22°33 | 19°21 | 23°54 | W 2 |
| T 3 | 4 50 31 | 11°26'46 | 1♓10 | 6° 8 | 16°34 | 1° 9 | 29°59 | 3° 6 | 18°14 | 3°10 | 0° 3 | 22° 5 | 22°29 | 19°28 | 23°56 | T 3 |
| F 4 | 4 54 28 | 12°27'27 | 15°20 | 7°43 | 16°27 | 1°51 | 0♓ 7 | 3° 8 | 18°12 | 3°12 | 0° 3 | 22°R 5 | 22°26 | 19°34 | 23°58 | F 4 |
| S 5 | 4 58 24 | 13°28'10 | 29°34 | 9°17 | 16°22 | 2°33 | 0°15 | 3° 9 | 18° 9 | 3°13 | 0° 3 | 22° 4 | 22°23 | 19°41 | 24° 0 | S 5 |
| S 6 | 5 2 21 | 14°28'54 | 13♈48 | 10°52 | 16°D19 | 3°15 | 0°23 | 3° 9 | 18° 6 | 3°15 | 0° 3 | 22° 4 | 22°20 | 19°48 | 24° 3 | S 6 |
| M 7 | 5 6 18 | 15°29'38 | 28° 0 | 12°27 | 16°19 | 3°57 | 0°31 | 3°10 | 18° 4 | 3°17 | 0° 3 | 22° 3 | 22°17 | 19°55 | 24° 5 | M 7 |
| T 8 | 5 10 14 | 16°30'24 | 12♉ 7 | 14° 1 | 16°22 | 4°39 | 0°40 | 3°11 | 18° 1 | 3°19 | 0° 2 | 22° 2 | 22°14 | 20° 1 | 24° 7 | T 8 |
| W 9 | 5 14 11 | 17°31'10 | 26° 5 | 15°35 | 16°26 | 5°21 | 0°48 | 3°11 | 17°59 | 3°20 | 0° 2 | 22° 2 | 22°10 | 20° 8 | 24°10 | W 9 |
| T 10 | 5 18 7 | 18°31'58 | 9♊50 | 17°10 | 16°34 | 6° 3 | 0°56 | 3°12 | 17°56 | 3°22 | 0° 2 | 22° 1 | 22° 7 | 20°15 | 24°12 | T 10 |
| F 11 | 5 22 4 | 19°32'47 | 23°20 | 18°44 | 16°43 | 6°45 | 1° 5 | 3°12 | 17°54 | 3°24 | 0° 2 | 22°D 1 | 22° 4 | 20°22 | 24°15 | F 11 |
| S 12 | 5 26 0 | 20°33'37 | 6♋33 | 20°18 | 16°55 | 7°28 | 1°14 | 3°12 | 17°51 | 3°25 | 0° 1 | 22° 1 | 22° 1 | 20°28 | 24°17 | S 12 |
| S 13 | 5 29 57 | 21°34'28 | 19°28 | 21°52 | 17° 9 | 8°10 | 1°23 | 3°R13 | 17°49 | 3°27 | 0° 1 | 22°R 1 | 21°58 | 20°35 | 24°20 | S 13 |
| M14 | 5 33 53 | 22°35'21 | 2♌ 6 | 23°26 | 17°25 | 8°52 | 1°32 | 3°13 | 17°46 | 3°29 | 0° 1 | 22° 1 | 21°54 | 20°42 | 24°23 | M14 |
| T 15 | 5 37 50 | 23°36'14 | 14°27 | 25° 1 | 17°43 | 9°35 | 1°41 | 3°12 | 17°44 | 3°30 | 0° 0 | 22° 1 | 21°51 | 20°48 | 24°26 | T 15 |
| W16 | 5 41 47 | 24°37'09 | 26°36 | 26°35 | 18° 3 | 10°17 | 1°51 | 3°12 | 17°41 | 3°32 | 29♌59 | 22° 1 | 21°48 | 20°55 | 24°28 | W16 |
| T 17 | 5 45 43 | 25°38'04 | 8♍35 | 28° 9 | 18°25 | 11° 0 | 2° 0 | 3°12 | 17°39 | 3°33 | 29°59 | 22° 1 | 21°45 | 21° 2 | 24°31 | T 17 |
| F 18 | 5 49 40 | 26°39'01 | 20°28 | 29°43 | 18°49 | 11°42 | 2°10 | 3°11 | 17°36 | 3°35 | 29°59 | 22° 1 | 21°42 | 21° 9 | 24°34 | F 18 |
| S 19 | 5 53 36 | 27°39'59 | 2♎21 | 1♑18 | 19°14 | 12°25 | 2°20 | 3°11 | 17°34 | 3°36 | 29°58 | 22°D 1 | 21°39 | 21°15 | 24°37 | S 19 |
| S 20 | 5 57 33 | 28°40'58 | 14°17 | 2°52 | 19°42 | 13° 7 | 2°30 | 3°10 | 17°31 | 3°38 | 29°58 | 22° 1 | 21°35 | 21°22 | 24°40 | S 20 |
| M21 | 6 1 29 | 29°41'58 | 26°23 | 4°27 | 20°11 | 13°50 | 2°40 | 3° 9 | 17°29 | 3°39 | 29°57 | 22° 1 | 21°32 | 21°29 | 24°43 | M21 |
| T 22 | 6 5 26 | 0♑42'59 | 8♏41 | 6° 2 | 20°41 | 14°33 | 2°50 | 3° 8 | 17°26 | 3°41 | 29°57 | 22° 2 | 21°29 | 21°35 | 24°46 | T 22 |
| W23 | 6 9 22 | 1°44'01 | 21°15 | 7°37 | 21°14 | 15°15 | 3° 0 | 3° 7 | 17°24 | 3°42 | 29°56 | 22° 3 | 21°26 | 21°42 | 24°50 | W23 |
| T 24 | 6 13 19 | 2°45'04 | 4♐ 9 | 9°12 | 21°47 | 15°58 | 3°10 | 3° 6 | 17°21 | 3°44 | 29°55 | 22° 4 | 21°23 | 21°49 | 24°53 | T 24 |
| F 25 | 6 17 16 | 3°46'08 | 17°23 | 10°47 | 22°22 | 16°41 | 3°21 | 3° 5 | 17°19 | 3°45 | 29°55 | 22°R 5 | 21°20 | 21°56 | 24°56 | F 25 |
| S 26 | 6 21 12 | 4°47'13 | 0♑57 | 12°22 | 22°59 | 17°24 | 3°31 | 3° 4 | 17°17 | 3°46 | 29°54 | 22° 5 | 21°16 | 22° 2 | 24°59 | S 26 |
| S 27 | 6 25 9 | 5°48'18 | 14°50 | 13°57 | 23°37 | 18° 7 | 3°42 | 3° 2 | 17°14 | 3°48 | 29°53 | 22° 4 | 21°13 | 22° 9 | 25° 3 | S 27 |
| M28 | 6 29 5 | 6°49'24 | 28°58 | 15°33 | 24°16 | 18°50 | 3°53 | 3° 1 | 17°12 | 3°49 | 29°53 | 22° 2 | 21°10 | 22°16 | 25° 6 | M28 |
| T 29 | 6 33 2 | 7°50'30 | 13♒16 | 17° 8 | 24°56 | 19°33 | 4° 4 | 2°59 | 17°10 | 3°50 | 29°52 | 22° 0 | 21° 7 | 22°23 | 25°10 | T 29 |
| W30 | 6 36 58 | 8°51'36 | 27°39 | 18°44 | 25°38 | 20°16 | 4°15 | 2°57 | 17° 7 | 3°51 | 29°51 | 21°58 | 21° 4 | 22°29 | 25°13 | W30 |
| T 31 | 6 40 55 | 9♑52'43 | 12♓ 3 | 20♑19 | 26♏20 | 20♐59 | 4♓26 | 2♍55 | 17♊ 5 | 3♏52 | 29♌50 | 21♊56 | 21♊ 0 | 22♍36 | 25♒17 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s49 | 22s47 | 3s28 | 20s30 | 0n12 | 17s 9 | 0s19 | 20s 4 | 0s 1 | 12s31 | 1s 3 | 11n30 | 1n14 | 22n53 | 0n 1 | 10s59 | 1n38 | 20n 9 | 9n20 | 23n 9 | 23n10 | 8n58 | 7s35 | 6n18 |
| W 2 | 21 58 | 19 48 | 4 20 | 20 55 | 0 5 | 16 52 | 0 5 | 20 13 | 0 1 | 12 28 | 1 3 | 11 30 | 1 14 | 22 53 | 0 1 | 11 0 | 1 38 | 20 9 | 9 21 | 23 9 | 23 10 | 8 56 | 7 34 | 6 18 |
| T 3 | 22 6 | 15 38 | 4 56 | 21 19 | 0s 2 | 16 37 | 0n 9 | 20 22 | 0 2 | 12 25 | 1 2 | 11 30 | 1 14 | 22 53 | 0 1 | 11 0 | 1 38 | 20 9 | 9 21 | 23 9 | 23 10 | 8 53 | 7 34 | 6 17 |
| F 4 | 22 14 | 10 36 | 5 14 | 21 41 | 0 9 | 16 22 | 0 22 | 20 31 | 0 3 | 12 22 | 1 2 | 11 30 | 1 15 | 22 53 | 0 1 | 11 1 | 1 38 | 20 10 | 9 21 | 23 9 | 23 10 | 8 51 | 7 34 | 6 17 |
| S 5 | 22 22 | 4 59 | 5 14 | 22 3 | 0 15 | 16 8 | 0 35 | 20 40 | 0 3 | 12 20 | 1 2 | 11 30 | 1 15 | 22 53 | 0 1 | 11 1 | 1 38 | 20 10 | 9 22 | 23 9 | 23 10 | 8 48 | 7 34 | 6 16 |
| S 6 | 22 29 | 0n54 | 4 54 | 22 23 | 0 22 | 15 56 | 0 47 | 20 49 | 0 4 | 12 17 | 1 2 | 11 29 | 1 15 | 22 52 | 0 1 | 11 2 | 1 38 | 20 10 | 9 22 | 23 9 | 23 10 | 8 45 | 7 33 | 6 16 |
| M 7 | 22 36 | 6 44 | 4 17 | 22 42 | 0 29 | 15 44 | 0 59 | 20 58 | 0 4 | 12 14 | 1 2 | 11 29 | 1 15 | 22 52 | 0 1 | 11 3 | 1 38 | 20 11 | 9 22 | 23 9 | 23 9 | 8 43 | 7 33 | 6 15 |
| T 8 | 22 42 | 12 12 | 3 24 | 23 0 | 0 35 | 15 34 | 1 10 | 21 6 | 0 5 | 12 11 | 1 2 | 11 29 | 1 16 | 22 52 | 0 1 | 11 3 | 1 38 | 20 11 | 9 23 | 23 9 | 23 9 | 8 40 | 7 33 | 6 15 |
| W 9 | 22 48 | 16 59 | 2 19 | 23 17 | 0 41 | 15 25 | 1 21 | 21 14 | 0 6 | 12 8 | 1 2 | 11 29 | 1 16 | 22 52 | 0 1 | 11 4 | 1 38 | 20 12 | 9 23 | 23 9 | 23 9 | 8 38 | 7 32 | 6 15 |
| T 10 | 22 53 | 20 46 | 1 7 | 23 33 | 0 48 | 15 17 | 1 32 | 21 22 | 0 6 | 12 4 | 1 2 | 11 29 | 1 16 | 22 52 | 0 1 | 11 4 | 1 38 | 20 12 | 9 23 | 23 9 | 23 9 | 8 35 | 7 32 | 6 14 |
| F 11 | 22 58 | 23 20 | 0n 7 | 23 48 | 0 54 | 15 9 | 1 42 | 21 30 | 0 7 | 12 1 | 1 1 | 11 29 | 1 16 | 22 51 | 0 1 | 11 5 | 1 38 | 20 12 | 9 24 | 23 8 | 23 9 | 8 32 | 7 31 | 6 14 |
| S 12 | 23 3 | 24 33 | 1 20 | 24 1 | 1 0 | 15 3 | 1 52 | 21 37 | 0 7 | 11 58 | 1 1 | 11 30 | 1 16 | 22 51 | 0 1 | 11 5 | 1 38 | 20 13 | 9 24 | 23 9 | 23 8 | 8 30 | 7 31 | 6 13 |
| S 13 | 23 7 | 24 23 | 2 26 | 24 13 | 1 5 | 14 58 | 2 1 | 21 45 | 0 8 | 11 55 | 1 1 | 11 30 | 1 17 | 22 51 | 0 1 | 11 6 | 1 38 | 20 13 | 9 24 | 23 9 | 23 8 | 8 27 | 7 30 | 6 13 |
| M14 | 23 10 | 22 58 | 3 24 | 24 24 | 1 11 | 14 54 | 2 10 | 21 52 | 0 9 | 11 51 | 1 1 | 11 30 | 1 17 | 22 51 | 0 1 | 11 6 | 1 38 | 20 14 | 9 25 | 23 9 | 23 8 | 8 24 | 7 30 | 6 13 |
| T 15 | 23 14 | 20 28 | 4 12 | 24 34 | 1 17 | 14 51 | 2 19 | 21 59 | 0 9 | 11 48 | 1 1 | 11 30 | 1 17 | 22 50 | 0 1 | 11 7 | 1 38 | 20 14 | 9 25 | 23 8 | 23 8 | 8 22 | 7 29 | 6 12 |
| W16 | 23 16 | 17 6 | 4 46 | 24 42 | 1 22 | 14 49 | 2 27 | 22 6 | 0 10 | 11 44 | 1 1 | 11 30 | 1 17 | 22 50 | 0 1 | 11 7 | 1 38 | 20 15 | 9 25 | 23 8 | 23 8 | 8 19 | 7 29 | 6 12 |
| T 17 | 23 19 | 13 6 | 5 8 | 24 49 | 1 27 | 14 48 | 2 34 | 22 13 | 0 10 | 11 41 | 1 1 | 11 31 | 1 18 | 22 50 | 0 1 | 11 8 | 1 38 | 20 15 | 9 26 | 23 8 | 23 8 | 8 17 | 7 28 | 6 11 |
| F 18 | 23 20 | 8 37 | 5 17 | 24 55 | 1 32 | 14 47 | 2 41 | 22 19 | 0 11 | 11 37 | 1 1 | 11 31 | 1 18 | 22 50 | 0 1 | 11 8 | 1 38 | 20 16 | 9 26 | 23 8 | 23 7 | 8 14 | 7 28 | 6 11 |
| S 19 | 23 22 | 3 50 | 5 12 | 24 59 | 1 36 | 14 48 | 2 48 | 22 25 | 0 12 | 11 34 | 1 1 | 11 32 | 1 18 | 22 50 | 0 1 | 11 9 | 1 38 | 20 16 | 9 26 | 23 8 | 23 7 | 8 11 | 7 27 | 6 11 |
| S 20 | 23 22 | 1s 7 | 4 53 | 25 2 | 1 41 | 14 49 | 2 55 | 22 31 | 0 12 | 11 30 | 1 0 | 11 32 | 1 18 | 22 49 | 0 1 | 11 9 | 1 39 | 20 16 | 9 26 | 23 8 | 23 7 | 8 9 | 7 27 | 6 10 |
| M21 | 23 23 | 6 5 | 4 22 | 25 3 | 1 45 | 14 51 | 3 1 | 22 37 | 0 13 | 11 26 | 1 0 | 11 33 | 1 18 | 22 49 | 0 1 | 11 10 | 1 39 | 20 17 | 9 27 | 23 9 | 23 7 | 8 6 | 7 26 | 6 10 |
| T 22 | 23 23 | 10 55 | 3 38 | 25 4 | 1 49 | 14 53 | 3 6 | 22 43 | 0 14 | 11 23 | 1 0 | 11 33 | 1 19 | 22 49 | 0 1 | 11 10 | 1 39 | 20 17 | 9 27 | 23 9 | 23 7 | 8 3 | 7 25 | 6 9 |
| W23 | 23 22 | 15 25 | 2 43 | 25 2 | 1 53 | 14 56 | 3 12 | 22 48 | 0 14 | 11 19 | 1 0 | 11 34 | 1 19 | 22 49 | 0 2 | 11 10 | 1 39 | 20 18 | 9 27 | 23 9 | 23 6 | 8 1 | 7 25 | 6 9 |
| T 24 | 23 21 | 19 19 | 1 38 | 25 0 | 1 56 | 15 0 | 3 17 | 22 53 | 0 15 | 11 15 | 1 0 | 11 34 | 1 19 | 22 48 | 0 2 | 11 11 | 1 39 | 20 19 | 9 28 | 23 9 | 23 6 | 7 58 | 7 24 | 6 9 |
| F 25 | 23 20 | 22 21 | 0 26 | 24 56 | 1 59 | 15 4 | 3 21 | 22 58 | 0 15 | 11 11 | 1 0 | 11 35 | 1 19 | 22 48 | 0 2 | 11 11 | 1 39 | 20 19 | 9 28 | 23 9 | 23 6 | 7 55 | 7 23 | 6 8 |
| S 26 | 23 18 | 24 12 | 0s49 | 24 50 | 2 2 | 15 9 | 3 26 | 23 3 | 0 16 | 11 7 | 1 0 | 11 36 | 1 20 | 22 48 | 0 2 | 11 12 | 1 39 | 20 20 | 9 28 | 23 9 | 23 6 | 7 53 | 7 22 | 6 8 |
| S 27 | 23 15 | 24 35 | 2 3 | 24 43 | 2 5 | 15 15 | 3 30 | 23 8 | 0 17 | 11 3 | 1 0 | 11 36 | 1 20 | 22 48 | 0 2 | 11 12 | 1 39 | 20 20 | 9 29 | 23 9 | 23 5 | 7 50 | 7 22 | 6 8 |
| M28 | 23 12 | 23 25 | 3 10 | 24 35 | 2 7 | 15 21 | 3 33 | 23 12 | 0 17 | 10 59 | 1 0 | 11 37 | 1 20 | 22 48 | 0 2 | 11 12 | 1 39 | 20 21 | 9 29 | 23 9 | 23 5 | 7 47 | 7 21 | 6 7 |
| T 29 | 23 9 | 20 44 | 4 6 | 24 25 | 2 8 | 15 27 | 3 37 | 23 16 | 0 18 | 10 55 | 1 0 | 11 38 | 1 20 | 22 47 | 0 2 | 11 13 | 1 39 | 20 21 | 9 29 | 23 8 | 23 5 | 7 45 | 7 20 | 6 7 |
| W30 | 23 5 | 16 45 | 4 47 | 24 13 | 2 10 | 15 34 | 3 40 | 23 20 | 0 19 | 10 51 | 1 0 | 11 39 | 1 20 | 22 47 | 0 2 | 11 13 | 1 39 | 20 22 | 9 30 | 23 8 | 23 5 | 7 42 | 7 19 | 6 7 |
| T 31 | 23s 1 | 11s48 | 5s11 | 24s 0 | 2s11 | 15s41 | 3n42 | 23s24 | 0s19 | 10s47 | 0s59 | 11n40 | 1n21 | 22n47 | 0n 2 | 11s13 | 1n39 | 20n22 | 9n30 | 23n 8 | 23n 5 | 7n39 | 7s18 | 6n 6 |

Julian Day Number = 2615508.5, Delta T = 11m08s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'01, Lahiri = 30°08'01


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## JANUARY 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 6 44 51 | 10♑53'49 | 26♓23 | 21♑55 | 27♏ 4 | 21♐42 | 4♓37 | 2°R53 | 17°R 3 | 3♏53 | 29°R49 | 21°R54 | 20♊57 | 22♍43 | 25♒20 | F 1 |
| S 2 | 6 48 48 | 11°54'56 | 10♈35 | 23°31 | 27°49 | 22°25 | 4°49 | 2♍51 | 17♊ 0 | 3°55 | 29♌49 | 21°D54 | 20°54 | 22°49 | 25°24 | S 2 |
| S 3 | 6 52 45 | 12°56'03 | 24°38 | 25° 6 | 28°34 | 23° 9 | 5° 0 | 2°49 | 16°58 | 3°56 | 29°48 | 21♊54 | 20°51 | 22°56 | 25°28 | S 3 |
| M 4 | 6 56 41 | 13°57'09 | 8♉31 | 26°42 | 29°21 | 23°52 | 5°12 | 2°47 | 16°56 | 3°57 | 29°47 | 21°55 | 20°48 | 23° 3 | 25°31 | M 4 |
| T 5 | 7 0 38 | 14°58'16 | 22°12 | 28°17 | 0♐ 9 | 24°35 | 5°23 | 2°44 | 16°54 | 3°58 | 29°46 | 21°57 | 20°45 | 23°10 | 25°35 | T 5 |
| W 6 | 7 4 34 | 15°59'23 | 5♊42 | 29°51 | 0°57 | 25°18 | 5°35 | 2°42 | 16°52 | 3°59 | 29°45 | 21°58 | 20°41 | 23°16 | 25°39 | W 6 |
| T 7 | 7 8 31 | 17° 0'29 | 18°59 | 1♒26 | 1°46 | 26° 2 | 5°47 | 2°39 | 16°50 | 4° 0 | 29°44 | 21°R59 | 20°38 | 23°23 | 25°43 | T 7 |
| F 8 | 7 12 27 | 18° 1'36 | 2♋ 5 | 2°59 | 2°37 | 26°45 | 5°59 | 2°37 | 16°48 | 4° 1 | 29°43 | 21°59 | 20°35 | 23°30 | 25°46 | F 8 |
| S 9 | 7 16 24 | 19° 2'43 | 14°58 | 4°32 | 3°28 | 27°29 | 6°11 | 2°34 | 16°46 | 4° 1 | 29°42 | 21°57 | 20°32 | 23°37 | 25°50 | S 9 |
| S 10 | 7 20 21 | 20° 3'49 | 27°39 | 6° 4 | 4°19 | 28°12 | 6°23 | 2°31 | 16°44 | 4° 2 | 29°41 | 21°54 | 20°29 | 23°43 | 25°54 | S 10 |
| M11 | 7 24 17 | 21° 4'56 | 10♌ 7 | 7°35 | 5°12 | 28°56 | 6°35 | 2°28 | 16°42 | 4° 3 | 29°40 | 21°49 | 20°26 | 23°50 | 25°58 | M11 |
| T 12 | 7 28 14 | 22° 6'03 | 22°24 | 9° 4 | 6° 5 | 29°39 | 6°47 | 2°25 | 16°40 | 4° 4 | 29°39 | 21°44 | 20°22 | 23°57 | 26° 2 | T 12 |
| W13 | 7 32 10 | 23° 7'10 | 4♍30 | 10°31 | 6°59 | 0♑23 | 7° 0 | 2°22 | 16°38 | 4° 5 | 29°37 | 21°38 | 20°19 | 24° 3 | 26° 6 | W13 |
| T 14 | 7 36 7 | 24° 8'17 | 16°28 | 11°57 | 7°53 | 1° 7 | 7°12 | 2°19 | 16°36 | 4° 5 | 29°36 | 21°32 | 20°16 | 24°10 | 26°10 | T 14 |
| F 15 | 7 40 3 | 25° 9'24 | 28°21 | 13°19 | 8°49 | 1°50 | 7°24 | 2°15 | 16°34 | 4° 6 | 29°35 | 21°28 | 20°13 | 24°17 | 26°14 | F 15 |
| S 16 | 7 44 0 | 26°10'31 | 10♎13 | 14°38 | 9°44 | 2°34 | 7°37 | 2°12 | 16°32 | 4° 7 | 29°34 | 21°25 | 20°10 | 24°24 | 26°18 | S 16 |
| S 17 | 7 47 56 | 27°11'38 | 22° 7 | 15°54 | 10°41 | 3°18 | 7°50 | 2° 8 | 16°30 | 4° 7 | 29°33 | 21°D23 | 20° 6 | 24°30 | 26°23 | S 17 |
| M18 | 7 51 53 | 28°12'45 | 4♏ 9 | 17° 5 | 11°38 | 4° 2 | 8° 2 | 2° 5 | 16°29 | 4° 8 | 29°32 | 21°23 | 20° 3 | 24°37 | 26°27 | M18 |
| T 19 | 7 55 50 | 29°13'53 | 16°24 | 18°11 | 12°35 | 4°46 | 8°15 | 2° 1 | 16°27 | 4° 8 | 29°30 | 21°25 | 20° 0 | 24°44 | 26°31 | T 19 |
| W20 | 7 59 46 | 0♒15'00 | 28°57 | 19°11 | 13°33 | 5°30 | 8°28 | 1°58 | 16°25 | 4° 9 | 29°29 | 21°26 | 19°57 | 24°50 | 26°35 | W20 |
| T 21 | 8 3 43 | 1°16'07 | 11♐51 | 20° 5 | 14°31 | 6°14 | 8°41 | 1°54 | 16°24 | 4° 9 | 29°28 | 21°28 | 19°54 | 24°57 | 26°39 | T 21 |
| F 22 | 8 7 39 | 2°17'14 | 25°10 | 20°51 | 15°30 | 6°58 | 8°54 | 1°50 | 16°22 | 4°10 | 29°27 | 21°R28 | 19°51 | 25° 4 | 26°44 | F 22 |
| S 23 | 8 11 36 | 3°18'21 | 8♑56 | 21°28 | 16°30 | 7°42 | 9° 7 | 1°46 | 16°21 | 4°10 | 29°25 | 21°26 | 19°47 | 25°11 | 26°48 | S 23 |
| S 24 | 8 15 32 | 4°19'28 | 23° 6 | 21°56 | 17°30 | 8°26 | 9°20 | 1°42 | 16°19 | 4°11 | 29°24 | 21°23 | 19°44 | 25°17 | 26°52 | S 24 |
| M25 | 8 19 29 | 5°20'34 | 7♒38 | 22°15 | 18°30 | 9°10 | 9°33 | 1°38 | 16°18 | 4°11 | 29°23 | 21°18 | 19°41 | 25°24 | 26°57 | M25 |
| T 26 | 8 23 25 | 6°21'39 | 22°24 | 22°R22 | 19°30 | 9°54 | 9°47 | 1°34 | 16°16 | 4°11 | 29°22 | 21°11 | 19°38 | 25°31 | 27° 1 | T 26 |
| W27 | 8 27 22 | 7°22'44 | 7♓18 | 22°18 | 20°32 | 10°38 | 10° 0 | 1°30 | 16°15 | 4°12 | 29°20 | 21° 3 | 19°35 | 25°38 | 27° 5 | W27 |
| T 28 | 8 31 19 | 8°23'48 | 22° 9 | 22° 2 | 21°33 | 11°23 | 10°13 | 1°25 | 16°14 | 4°12 | 29°19 | 20°56 | 19°32 | 25°44 | 27°10 | T 28 |
| F 29 | 8 35 15 | 9°24'51 | 6♈50 | 21°35 | 22°35 | 12° 7 | 10°27 | 1°21 | 16°13 | 4°12 | 29°18 | 20°50 | 19°28 | 25°51 | 27°14 | F 29 |
| S 30 | 8 39 12 | 10°25'53 | 21°15 | 20°56 | 23°37 | 12°51 | 10°40 | 1°17 | 16°11 | 4°12 | 29°16 | 20°46 | 19°25 | 25°58 | 27°18 | S 30 |
| S 31 | 8 43 8 | 11♒26'54 | 5♉22 | 20♒ 7 | 24♐39 | 13♑36 | 10♓54 | 1♍12 | 16♊10 | 4♏12 | 29♌15 | 20°D45 | 19♊22 | 26♍ 4 | 27♒23 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 22s56 | 6s15 | 5s14 | 23s46 | 2s12 | 15s48 | 3n45 | 23s27 | 0s20 | 10s43 | 0s59 | 11n41 | 1n21 | 22n47 | 0n 2 | 11s14 | 1n39 | 20n23 | 9n30 | 23n 8 | 23n 4 | 7n37 | 7s17 | 6n 6 |
| S 2 | 22 51 | 0 24 | 4 59 | 23 30 | 2 12 | 15 56 | 3 47 | 23 30 | 0 20 | 10 39 | 0 59 | 11 41 | 1 21 | 22 47 | 0 2 | 11 14 | 1 39 | 20 23 | 9 30 | 23 8 | 23 4 | 7 34 | 7 17 | 6 6 |
| S 3 | 22 45 | 5n24 | 4 25 | 23 13 | 2 11 | 16 4 | 3 49 | 23 33 | 0 21 | 10 34 | 0 59 | 11 42 | 1 21 | 22 46 | 0 2 | 11 14 | 1 39 | 20 24 | 9 31 | 23 8 | 23 4 | 7 31 | 7 16 | 6 5 |
| M 4 | 22 39 | 10 53 | 3 37 | 22 54 | 2 11 | 16 12 | 3 51 | 23 36 | 0 22 | 10 30 | 0 59 | 11 43 | 1 21 | 22 46 | 0 2 | 11 15 | 1 39 | 20 25 | 9 31 | 23 8 | 23 4 | 7 28 | 7 15 | 6 5 |
| T 5 | 22 33 | 15 45 | 2 37 | 22 34 | 2 9 | 16 21 | 3 52 | 23 38 | 0 22 | 10 26 | 0 59 | 11 45 | 1 22 | 22 46 | 0 2 | 11 15 | 1 39 | 20 25 | 9 31 | 23 8 | 23 4 | 7 26 | 7 14 | 6 5 |
| W 6 | 22 26 | 19 45 | 1 28 | 22 12 | 2 7 | 16 29 | 3 54 | 23 41 | 0 23 | 10 21 | 0 59 | 11 46 | 1 22 | 22 46 | 0 2 | 11 15 | 1 39 | 20 26 | 9 32 | 23 8 | 23 3 | 7 23 | 7 13 | 6 4 |
| T 7 | 22 18 | 22 39 | 0 16 | 21 49 | 2 5 | 16 38 | 3 55 | 23 43 | 0 24 | 10 17 | 0 59 | 11 47 | 1 22 | 22 45 | 0 2 | 11 15 | 1 39 | 20 26 | 9 32 | 23 8 | 23 3 | 7 20 | 7 12 | 6 4 |
| F 8 | 22 10 | 24 17 | 0n55 | 21 25 | 2 2 | 16 47 | 3 56 | 23 45 | 0 24 | 10 13 | 0 59 | 11 48 | 1 22 | 22 45 | 0 2 | 11 16 | 1 40 | 20 27 | 9 32 | 23 8 | 23 3 | 7 18 | 7 11 | 6 4 |
| S 9 | 22 2 | 24 35 | 2 3 | 21 0 | 1 58 | 16 56 | 3 56 | 23 46 | 0 25 | 10 8 | 0 59 | 11 49 | 1 22 | 22 45 | 0 2 | 11 16 | 1 40 | 20 28 | 9 32 | 23 8 | 23 3 | 7 15 | 7 10 | 6 3 |
| S 10 | 21 53 | 23 34 | 3 3 | 20 33 | 1 54 | 17 5 | 3 57 | 23 48 | 0 25 | 10 4 | 0 59 | 11 50 | 1 23 | 22 45 | 0 2 | 11 16 | 1 40 | 20 28 | 9 33 | 23 8 | 23 2 | 7 12 | 7 9 | 6 3 |
| M11 | 21 44 | 21 25 | 3 53 | 20 5 | 1 49 | 17 14 | 3 57 | 23 49 | 0 26 | 9 59 | 0 59 | 11 52 | 1 23 | 22 45 | 0 2 | 11 16 | 1 40 | 20 29 | 9 33 | 23 8 | 23 2 | 7 10 | 7 8 | 6 3 |
| T 12 | 21 34 | 18 18 | 4 32 | 19 36 | 1 43 | 17 23 | 3 57 | 23 50 | 0 27 | 9 54 | 0 59 | 11 53 | 1 23 | 22 45 | 0 2 | 11 17 | 1 40 | 20 30 | 9 33 | 23 7 | 23 2 | 7 7 | 7 7 | 6 3 |
| W13 | 21 24 | 14 27 | 4 58 | 19 6 | 1 36 | 17 32 | 3 56 | 23 50 | 0 27 | 9 50 | 0 59 | 11 54 | 1 23 | 22 44 | 0 2 | 11 17 | 1 40 | 20 30 | 9 33 | 23 7 | 23 2 | 7 4 | 7 6 | 6 2 |
| T 14 | 21 14 | 10 5 | 5 10 | 18 35 | 1 29 | 17 41 | 3 56 | 23 51 | 0 28 | 9 45 | 0 58 | 11 56 | 1 23 | 22 44 | 0 2 | 11 17 | 1 40 | 20 31 | 9 34 | 23 7 | 23 2 | 7 1 | 7 5 | 6 2 |
| F 15 | 21 3 | 5 23 | 5 9 | 18 4 | 1 20 | 17 50 | 3 55 | 23 51 | 0 29 | 9 40 | 0 58 | 11 57 | 1 24 | 22 44 | 0 2 | 11 17 | 1 40 | 20 31 | 9 34 | 23 6 | 23 1 | 6 59 | 7 3 | 6 2 |
| S 16 | 20 52 | 0 29 | 4 55 | 17 32 | 1 11 | 17 59 | 3 55 | 23 51 | 0 29 | 9 36 | 0 58 | 11 58 | 1 24 | 22 44 | 0 2 | 11 17 | 1 40 | 20 32 | 9 34 | 23 6 | 23 1 | 6 56 | 7 2 | 6 2 |
| S 17 | 20 40 | 4s27 | 4 28 | 17 0 | 1 1 | 18 8 | 3 54 | 23 50 | 0 30 | 9 31 | 0 58 | 12 0 | 1 24 | 22 44 | 0 2 | 11 17 | 1 40 | 20 33 | 9 34 | 23 6 | 23 1 | 6 53 | 7 1 | 6 1 |
| M18 | 20 28 | 9 17 | 3 49 | 16 28 | 0 50 | 18 17 | 3 53 | 23 50 | 0 30 | 9 26 | 0 58 | 12 1 | 1 24 | 22 44 | 0 2 | 11 18 | 1 40 | 20 33 | 9 34 | 23 6 | 23 1 | 6 51 | 7 0 | 6 1 |
| T 19 | 20 16 | 13 51 | 2 59 | 15 56 | 0 38 | 18 26 | 3 51 | 23 49 | 0 31 | 9 21 | 0 58 | 12 3 | 1 24 | 22 43 | 0 2 | 11 18 | 1 40 | 20 34 | 9 35 | 23 6 | 23 0 | 6 48 | 6 59 | 6 1 |
| W20 | 20 3 | 17 56 | 1 59 | 15 25 | 0 24 | 18 34 | 3 50 | 23 48 | 0 32 | 9 16 | 0 58 | 12 4 | 1 25 | 22 43 | 0 2 | 11 18 | 1 40 | 20 35 | 9 35 | 23 6 | 23 0 | 6 45 | 6 58 | 6 1 |
| T 21 | 19 50 | 21 18 | 0 52 | 14 55 | 0 10 | 18 42 | 3 48 | 23 46 | 0 32 | 9 12 | 0 58 | 12 6 | 1 25 | 22 43 | 0 2 | 11 18 | 1 40 | 20 35 | 9 35 | 23 6 | 23 0 | 6 42 | 6 57 | 6 0 |
| F 22 | 19 36 | 23 38 | 0s20 | 14 26 | 0n 5 | 18 50 | 3 47 | 23 45 | 0 33 | 9 7 | 0 58 | 12 7 | 1 25 | 22 43 | 0 2 | 11 18 | 1 40 | 20 36 | 9 35 | 23 6 | 23 0 | 6 40 | 6 55 | 6 0 |
| S 23 | 19 22 | 24 38 | 1 33 | 13 59 | 0 21 | 18 58 | 3 45 | 23 43 | 0 34 | 9 2 | 0 58 | 12 9 | 1 25 | 22 43 | 0 2 | 11 18 | 1 40 | 20 37 | 9 36 | 23 6 | 22 59 | 6 37 | 6 54 | 6 0 |
| S 24 | 19 8 | 24 5 | 2 43 | 13 34 | 0 37 | 19 6 | 3 43 | 23 41 | 0 34 | 8 57 | 0 58 | 12 10 | 1 25 | 22 43 | 0 2 | 11 18 | 1 40 | 20 37 | 9 36 | 23 6 | 22 59 | 6 34 | 6 53 | 6 0 |
| M25 | 18 53 | 21 55 | 3 43 | 13 12 | 0 55 | 19 13 | 3 41 | 23 39 | 0 35 | 8 52 | 0 58 | 12 12 | 1 25 | 22 42 | 0 2 | 11 18 | 1 41 | 20 38 | 9 36 | 23 6 | 22 59 | 6 31 | 6 52 | 6 0 |
| T 26 | 18 38 | 18 16 | 4 30 | 12 53 | 1 13 | 19 20 | 3 38 | 23 36 | 0 36 | 8 47 | 0 58 | 12 14 | 1 26 | 22 42 | 0 2 | 11 18 | 1 41 | 20 39 | 9 36 | 23 5 | 22 59 | 6 29 | 6 50 | 5 59 |
| W27 | 18 23 | 13 26 | 4 59 | 12 37 | 1 31 | 19 27 | 3 36 | 23 33 | 0 36 | 8 42 | 0 58 | 12 15 | 1 26 | 22 42 | 0 2 | 11 18 | 1 41 | 20 39 | 9 36 | 23 5 | 22 58 | 6 26 | 6 49 | 5 59 |
| T 28 | 18 7 | 7 49 | 5 7 | 12 25 | 1 49 | 19 34 | 3 34 | 23 30 | 0 37 | 8 37 | 0 58 | 12 17 | 1 26 | 22 42 | 0 2 | 11 18 | 1 41 | 20 40 | 9 36 | 23 4 | 22 58 | 6 23 | 6 48 | 5 59 |
| F 29 | 17 51 | 1 49 | 4 56 | 12 17 | 2 7 | 19 40 | 3 31 | 23 27 | 0 37 | 8 31 | 0 58 | 12 19 | 1 26 | 22 42 | 0 2 | 11 18 | 1 41 | 20 40 | 9 37 | 23 4 | 22 58 | 6 20 | 6 46 | 5 59 |
| S 30 | 17 35 | 4n10 | 4 25 | 12 13 | 2 24 | 19 46 | 3 28 | 23 24 | 0 38 | 8 26 | 0 58 | 12 20 | 1 26 | 22 42 | 0 2 | 11 18 | 1 41 | 20 41 | 9 37 | 23 4 | 22 58 | 6 18 | 6 45 | 5 59 |
| S 31 | 17s18 | 9n50 | 3s39 | 12s13 | 2n40 | 19s51 | 3n25 | 23s20 | 0s39 | 8s21 | 0s58 | 12n22 | 1n26 | 22n42 | 0n 2 | 11s18 | 1n41 | 20n42 | 9n37 | 23n 4 | 22n57 | 6n15 | 6s44 | 5n59 |

Julian Day Number = 2615539.5, Delta T = 11m08s
Ecliptic obliquity = 23°22'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'05, Lahiri = 30°08'06


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## FEBRUARY 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 8 47 5 | 12♒27'55 | 19♉ 9 | 19°R 9 | 25♐42 | 14♑20 | 11♓ 7 | 1°R 8 | 16°R 9 | 4♏12 | 29°R13 | 20♊45 | 19♊19 | 26♍11 | 27♒27 | M 1 |
| T 2 | 8 51 1 | 13°28'54 | 2♊37 | 18♒ 4 | 26°45 | 15° 4 | 11°21 | 1♍ 3 | 16♊ 8 | 4°13 | 29♌12 | 20°46 | 19°16 | 26°18 | 27°32 | T 2 |
| W 3 | 8 54 58 | 14°29'52 | 15°48 | 16°53 | 27°49 | 15°49 | 11°35 | 0°59 | 16° 7 | 4°13 | 29°11 | 20°R46 | 19°12 | 26°25 | 27°36 | W 3 |
| T 4 | 8 58 54 | 15°30'49 | 28°45 | 15°39 | 28°53 | 16°33 | 11°49 | 0°54 | 16° 6 | 4°R13 | 29° 9 | 20°46 | 19° 9 | 26°31 | 27°41 | T 4 |
| F 5 | 9 2 51 | 16°31'45 | 11♋29 | 14°23 | 29°57 | 17°18 | 12° 2 | 0°49 | 16° 5 | 4°13 | 29° 8 | 20°44 | 19° 6 | 26°38 | 27°45 | F 5 |
| S 6 | 9 6 48 | 17°32'39 | 24° 2 | 13° 9 | 1♑ 1 | 18° 3 | 12°16 | 0°45 | 16° 4 | 4°12 | 29° 6 | 20°39 | 19° 3 | 26°45 | 27°50 | S 6 |
| S 7 | 9 10 44 | 18°33'33 | 6♌26 | 11°58 | 2° 5 | 18°47 | 12°30 | 0°40 | 16° 3 | 4°12 | 29° 5 | 20°32 | 19° 0 | 26°52 | 27°54 | S 7 |
| M 8 | 9 14 41 | 19°34'26 | 18°41 | 10°51 | 3°10 | 19°32 | 12°44 | 0°35 | 16° 3 | 4°12 | 29° 3 | 20°22 | 18°57 | 26°58 | 27°59 | M 8 |
| T 9 | 9 18 37 | 20°35'17 | 0♍49 | 9°51 | 4°15 | 20°17 | 12°58 | 0°31 | 16° 2 | 4°12 | 29° 2 | 20°10 | 18°53 | 27° 5 | 28° 3 | T 9 |
| W10 | 9 22 34 | 21°36'08 | 12°50 | 8°58 | 5°21 | 21° 1 | 13°12 | 0°26 | 16° 1 | 4°12 | 29° 1 | 19°58 | 18°50 | 27°12 | 28° 8 | W10 |
| T 11 | 9 26 30 | 22°36'57 | 24°45 | 8°13 | 6°26 | 21°46 | 13°26 | 0°21 | 16° 1 | 4°12 | 28°59 | 19°46 | 18°47 | 27°18 | 28°12 | T 11 |
| F 12 | 9 30 27 | 23°37'46 | 6♎37 | 7°36 | 7°32 | 22°31 | 13°40 | 0°16 | 16° 0 | 4°11 | 28°58 | 19°35 | 18°44 | 27°25 | 28°17 | F 12 |
| S 13 | 9 34 23 | 24°38'33 | 18°28 | 7° 8 | 8°38 | 23°16 | 13°54 | 0°11 | 16° 0 | 4°11 | 28°56 | 19°27 | 18°41 | 27°32 | 28°22 | S 13 |
| S 14 | 9 38 20 | 25°39'20 | 0♏21 | 6°48 | 9°44 | 24° 1 | 14° 8 | 0° 6 | 15°59 | 4°11 | 28°55 | 19°21 | 18°38 | 27°39 | 28°26 | S 14 |
| M15 | 9 42 17 | 26°40'06 | 12°21 | 6°36 | 10°51 | 24°45 | 14°22 | 0° 2 | 15°59 | 4°10 | 28°53 | 19°18 | 18°34 | 27°45 | 28°31 | M15 |
| T 16 | 9 46 13 | 27°40'50 | 24°32 | 6°D32 | 11°57 | 25°30 | 14°37 | 29♌57 | 15°58 | 4°10 | 28°52 | 19°D16 | 18°31 | 27°52 | 28°35 | T 16 |
| W17 | 9 50 10 | 28°41'34 | 6♐59 | 6°35 | 13° 4 | 26°15 | 14°51 | 29°52 | 15°58 | 4°10 | 28°50 | 19°17 | 18°28 | 27°59 | 28°40 | W17 |
| T 18 | 9 54 6 | 29°42'17 | 19°47 | 6°45 | 14°11 | 27° 0 | 15° 5 | 29°47 | 15°58 | 4° 9 | 28°49 | 19°R17 | 18°25 | 28° 5 | 28°44 | T 18 |
| F 19 | 9 58 3 | 0♓42'59 | 3♑ 2 | 7° 2 | 15°19 | 27°45 | 15°19 | 29°42 | 15°58 | 4° 9 | 28°47 | 19°16 | 18°22 | 28°12 | 28°49 | F 19 |
| S 20 | 10 1 59 | 1°43'40 | 16°45 | 7°24 | 16°26 | 28°31 | 15°34 | 29°37 | 15°58 | 4° 8 | 28°46 | 19°13 | 18°18 | 28°19 | 28°53 | S 20 |
| S 21 | 10 5 56 | 2°44'19 | 0♒58 | 7°53 | 17°34 | 29°16 | 15°48 | 29°32 | 15°58 | 4° 7 | 28°45 | 19° 8 | 18°15 | 28°26 | 28°58 | S 21 |
| M22 | 10 9 52 | 3°44'58 | 15°38 | 8°26 | 18°41 | 0♒ 1 | 16° 2 | 29°27 | 15°D58 | 4° 7 | 28°43 | 19° 0 | 18°12 | 28°32 | 29° 3 | M22 |
| T 23 | 10 13 49 | 4°45'35 | 0♓40 | 9° 3 | 19°49 | 0°46 | 16°17 | 29°22 | 15°58 | 4° 6 | 28°42 | 18°49 | 18° 9 | 28°39 | 29° 7 | T 23 |
| W24 | 10 17 46 | 5°46'10 | 15°53 | 9°46 | 20°57 | 1°31 | 16°31 | 29°18 | 15°58 | 4° 6 | 28°40 | 18°38 | 18° 6 | 28°46 | 29°12 | W24 |
| T 25 | 10 21 42 | 6°46'44 | 1♈ 7 | 10°32 | 22° 5 | 2°16 | 16°46 | 29°13 | 15°58 | 4° 5 | 28°39 | 18°27 | 18° 3 | 28°53 | 29°16 | T 25 |
| F 26 | 10 25 39 | 7°47'16 | 16°11 | 11°21 | 23°14 | 3° 2 | 17° 0 | 29° 8 | 15°58 | 4° 4 | 28°37 | 18°18 | 17°59 | 28°59 | 29°21 | F 26 |
| S 27 | 10 29 35 | 8°47'47 | 0♉57 | 12°14 | 24°22 | 3°47 | 17°14 | 29° 3 | 15°58 | 4° 3 | 28°36 | 18°11 | 17°56 | 29° 6 | 29°25 | S 27 |
| S 28 | 10 33 32 | 9♓48'16 | 15♉17 | 13♒10 | 25♑31 | 4♒32 | 17♓29 | 28♌58 | 15♊58 | 4♏ 3 | 28♌34 | 18♊ 7 | 17♊53 | 29♍13 | 29♒30 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 17s 1 | 14n53 | 2s42 | 12s17 | 2n55 | 19s56 | 3n23 | 23s16 | 0s39 | 8s16 | 0s58 | 12n24 | 1n27 | 22n42 | 0n 2 | 11s18 | 1n41 | 20n42 | 9n37 | 23n 4 | 22n57 | 6n12 | 6s42 | 5n58 |
| T 2 | 16 44 | 19 4 | 1 36 | 12 24 | 3 7 | 20 1 | 3 20 | 23 12 | 0 40 | 8 11 | 0 58 | 12 25 | 1 27 | 22 42 | 0 2 | 11 18 | 1 41 | 20 43 | 9 37 | 23 4 | 22 57 | 6 9 | 6 41 | 5 58 |
| W 3 | 16 27 | 22 11 | 0 27 | 12 35 | 3 18 | 20 5 | 3 16 | 23 7 | 0 41 | 8 6 | 0 58 | 12 27 | 1 27 | 22 41 | 0 2 | 11 18 | 1 41 | 20 44 | 9 37 | 23 4 | 22 57 | 6 7 | 6 40 | 5 58 |
| T 4 | 16 9 | 24 5 | 0n43 | 12 49 | 3 26 | 20 9 | 3 13 | 23 2 | 0 41 | 8 0 | 0 58 | 12 29 | 1 27 | 22 41 | 0 2 | 11 18 | 1 41 | 20 44 | 9 38 | 23 4 | 22 56 | 6 4 | 6 38 | 5 58 |
| F 5 | 15 51 | 24 41 | 1 49 | 13 5 | 3 32 | 20 13 | 3 10 | 22 57 | 0 42 | 7 55 | 0 58 | 12 31 | 1 27 | 22 41 | 0 2 | 11 18 | 1 41 | 20 45 | 9 38 | 23 4 | 22 56 | 6 1 | 6 37 | 5 58 |
| S 6 | 15 32 | 24 1 | 2 48 | 13 23 | 3 36 | 20 16 | 3 7 | 22 52 | 0 43 | 7 50 | 0 58 | 12 33 | 1 27 | 22 41 | 0 2 | 11 18 | 1 41 | 20 46 | 9 38 | 23 3 | 22 56 | 5 58 | 6 35 | 5 58 |
| S 7 | 15 14 | 22 9 | 3 39 | 13 41 | 3 37 | 20 19 | 3 3 | 22 47 | 0 43 | 7 44 | 0 58 | 12 34 | 1 27 | 22 41 | 0 2 | 11 18 | 1 41 | 20 46 | 9 38 | 23 3 | 22 56 | 5 55 | 6 34 | 5 58 |
| M 8 | 14 55 | 19 17 | 4 18 | 14 1 | 3 35 | 20 21 | 3 0 | 22 41 | 0 44 | 7 39 | 0 58 | 12 36 | 1 28 | 22 41 | 0 2 | 11 18 | 1 41 | 20 47 | 9 38 | 23 2 | 22 55 | 5 53 | 6 33 | 5 58 |
| T 9 | 14 36 | 15 37 | 4 46 | 14 20 | 3 32 | 20 23 | 2 56 | 22 35 | 0 44 | 7 34 | 0 58 | 12 38 | 1 28 | 22 41 | 0 2 | 11 18 | 1 41 | 20 48 | 9 38 | 23 1 | 22 55 | 5 50 | 6 31 | 5 58 |
| W10 | 14 16 | 11 21 | 5 0 | 14 39 | 3 26 | 20 24 | 2 52 | 22 29 | 0 45 | 7 28 | 0 58 | 12 40 | 1 28 | 22 41 | 0 2 | 11 18 | 1 42 | 20 48 | 9 38 | 23 0 | 22 55 | 5 47 | 6 30 | 5 57 |
| T 11 | 13 57 | 6 42 | 5 2 | 14 58 | 3 19 | 20 25 | 2 49 | 22 23 | 0 46 | 7 23 | 0 57 | 12 42 | 1 28 | 22 41 | 0 2 | 11 18 | 1 42 | 20 49 | 9 38 | 22 59 | 22 55 | 5 44 | 6 28 | 5 57 |
| F 12 | 13 37 | 1 49 | 4 50 | 15 15 | 3 11 | 20 25 | 2 45 | 22 16 | 0 46 | 7 18 | 0 57 | 12 43 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 49 | 9 39 | 22 58 | 22 54 | 5 42 | 6 27 | 5 57 |
| S 13 | 13 17 | 3s 8 | 4 25 | 15 31 | 3 1 | 20 25 | 2 41 | 22 9 | 0 47 | 7 12 | 0 57 | 12 45 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 50 | 9 39 | 22 58 | 22 54 | 5 39 | 6 25 | 5 57 |
| S 14 | 12 56 | 7 59 | 3 49 | 15 47 | 2 51 | 20 25 | 2 37 | 22 2 | 0 48 | 7 7 | 0 57 | 12 47 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 51 | 9 39 | 22 57 | 22 54 | 5 36 | 6 24 | 5 57 |
| M15 | 12 36 | 12 36 | 3 3 | 16 0 | 2 39 | 20 24 | 2 33 | 21 55 | 0 48 | 7 1 | 0 57 | 12 49 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 51 | 9 39 | 22 57 | 22 53 | 5 33 | 6 22 | 5 57 |
| T 16 | 12 15 | 16 48 | 2 8 | 16 13 | 2 28 | 20 22 | 2 29 | 21 47 | 0 49 | 6 56 | 0 57 | 12 51 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 52 | 9 39 | 22 57 | 22 53 | 5 30 | 6 21 | 5 57 |
| W17 | 11 54 | 20 21 | 1 5 | 16 23 | 2 16 | 20 20 | 2 25 | 21 39 | 0 49 | 6 50 | 0 57 | 12 52 | 1 28 | 22 41 | 0 2 | 11 17 | 1 42 | 20 52 | 9 39 | 22 57 | 22 53 | 5 28 | 6 19 | 5 57 |
| T 18 | 11 33 | 23 2 | 0s 3 | 16 33 | 2 4 | 20 17 | 2 21 | 21 31 | 0 50 | 6 45 | 0 57 | 12 54 | 1 29 | 22 41 | 0 2 | 11 16 | 1 42 | 20 53 | 9 39 | 22 57 | 22 53 | 5 25 | 6 18 | 5 57 |
| F 19 | 11 12 | 24 33 | 1 12 | 16 40 | 1 51 | 20 14 | 2 17 | 21 23 | 0 51 | 6 39 | 0 57 | 12 56 | 1 29 | 22 41 | 0 2 | 11 16 | 1 42 | 20 54 | 9 39 | 22 57 | 22 52 | 5 22 | 6 16 | 5 57 |
| S 20 | 10 50 | 24 39 | 2 20 | 16 47 | 1 39 | 20 10 | 2 13 | 21 15 | 0 51 | 6 34 | 0 57 | 12 58 | 1 29 | 22 41 | 0 2 | 11 16 | 1 42 | 20 54 | 9 39 | 22 57 | 22 52 | 5 19 | 6 15 | 5 57 |
| S 21 | 10 28 | 23 10 | 3 22 | 16 51 | 1 27 | 20 6 | 2 9 | 21 6 | 0 52 | 6 28 | 0 57 | 13 0 | 1 29 | 22 41 | 0 2 | 11 16 | 1 42 | 20 55 | 9 39 | 22 56 | 22 52 | 5 16 | 6 13 | 5 57 |
| M22 | 10 7 | 20 7 | 4 12 | 16 55 | 1 15 | 20 1 | 2 5 | 20 57 | 0 52 | 6 23 | 0 58 | 13 1 | 1 29 | 22 41 | 0 2 | 11 15 | 1 42 | 20 55 | 9 39 | 22 56 | 22 52 | 5 14 | 6 12 | 5 57 |
| T 23 | 9 45 | 15 40 | 4 46 | 16 56 | 1 3 | 19 56 | 2 0 | 20 48 | 0 53 | 6 17 | 0 58 | 13 3 | 1 29 | 22 41 | 0 2 | 11 15 | 1 42 | 20 56 | 9 39 | 22 55 | 22 51 | 5 11 | 6 10 | 5 57 |
| W24 | 9 22 | 10 10 | 5 0 | 16 56 | 0 51 | 19 50 | 1 56 | 20 39 | 0 54 | 6 12 | 0 58 | 13 5 | 1 29 | 22 41 | 0 2 | 11 15 | 1 42 | 20 57 | 9 39 | 22 54 | 22 51 | 5 8 | 6 9 | 5 57 |
| T 25 | 9 0 | 4 3 | 4 53 | 16 55 | 0 40 | 19 44 | 1 52 | 20 29 | 0 54 | 6 6 | 0 58 | 13 7 | 1 29 | 22 41 | 0 2 | 11 15 | 1 42 | 20 57 | 9 40 | 22 53 | 22 51 | 5 5 | 6 7 | 5 57 |
| F 26 | 8 38 | 2n15 | 4 26 | 16 52 | 0 29 | 19 37 | 1 48 | 20 19 | 0 55 | 6 0 | 0 58 | 13 8 | 1 29 | 22 41 | 0 2 | 11 14 | 1 42 | 20 58 | 9 40 | 22 52 | 22 50 | 5 2 | 6 6 | 5 57 |
| S 27 | 8 15 | 8 19 | 3 42 | 16 48 | 0 18 | 19 30 | 1 43 | 20 9 | 0 55 | 5 55 | 0 58 | 13 10 | 1 29 | 22 41 | 0 2 | 11 14 | 1 42 | 20 58 | 9 40 | 22 51 | 22 50 | 4 59 | 6 4 | 5 57 |
| S 28 | 7s52 | 13n46 | 2s44 | 16s43 | 0n 7 | 19s22 | 1n39 | 19s59 | 0s56 | 5s49 | 0s58 | 13n12 | 1n29 | 22n41 | 0n 2 | 11s14 | 1n43 | 20n59 | 9n40 | 22n51 | 22n50 | 4n57 | 6s 3 | 5n57 |

Julian Day Number = 2615570.5, Delta T = 11m08s
Ecliptic obliquity = 23°22'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'10, Lahiri = 30°08'10


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## MARCH 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 10 37 28 | 10♓48'43 | 29♉12 | 14♒ 9 | 26♉40 | 5♒18 | 17♓43 | 28°R54 | 15♊59 | 4°R 2 | 28°R33 | 18°R 5 | 17♊50 | 29♍19 | 29♒34 | M 1 |
| T 2 | 10 41 25 | 11°49'08 | 12♊41 | 15°11 | 27°48 | 6° 3 | 17°58 | 28♌49 | 15°59 | 4♏ 1 | 28♌31 | 18♊ 4 | 17°47 | 29°26 | 29°39 | T 2 |
| W 3 | 10 45 21 | 12°49'31 | 25°47 | 16°15 | 28°57 | 6°48 | 18°12 | 28°44 | 16° 0 | 4° 0 | 28°30 | 18° 4 | 17°44 | 29°33 | 29°43 | W 3 |
| T 4 | 10 49 18 | 13°49'52 | 8♋34 | 17°22 | 0♒ 6 | 7°34 | 18°27 | 28°40 | 16° 0 | 3°59 | 28°29 | 18° 3 | 17°40 | 29°40 | 29°48 | T 4 |
| F 5 | 10 53 15 | 14°50'12 | 21° 6 | 18°30 | 1°16 | 8°19 | 18°41 | 28°35 | 16° 1 | 3°58 | 28°27 | 18° 0 | 17°37 | 29°46 | 29°52 | F 5 |
| S 6 | 10 57 11 | 15°50'29 | 3♌25 | 19°41 | 2°25 | 9° 5 | 18°56 | 28°30 | 16° 1 | 3°57 | 28°26 | 17°54 | 17°34 | 29°53 | 29°56 | S 6 |
| S 7 | 11 1 8 | 16°50'45 | 15°36 | 20°53 | 3°34 | 9°50 | 19°10 | 28°26 | 16° 2 | 3°56 | 28°24 | 17°44 | 17°31 | 29°59 | 0♓ 1 | S 7 |
| M 8 | 11 5 4 | 17°50'58 | 27°40 | 22° 8 | 4°44 | 10°36 | 19°25 | 28°21 | 16° 3 | 3°55 | 28°23 | 17°33 | 17°28 | 0♎ 6 | 0° 5 | M 8 |
| T 9 | 11 9 1 | 18°51'10 | 9♍39 | 23°24 | 5°53 | 11°21 | 19°39 | 28°17 | 16° 4 | 3°54 | 28°22 | 17°19 | 17°24 | 0°13 | 0°10 | T 9 |
| W10 | 11 12 57 | 19°51'20 | 21°34 | 24°41 | 7° 3 | 12° 7 | 19°54 | 28°13 | 16° 4 | 3°53 | 28°20 | 17° 4 | 17°21 | 0°20 | 0°14 | W10 |
| T 11 | 11 16 54 | 20°51'28 | 3♎27 | 26° 1 | 8°13 | 12°52 | 20° 9 | 28° 8 | 16° 5 | 3°52 | 28°19 | 16°49 | 17°18 | 0°27 | 0°18 | T 11 |
| F 12 | 11 20 50 | 21°51'34 | 15°19 | 27°21 | 9°23 | 13°38 | 20°23 | 28° 4 | 16° 6 | 3°51 | 28°18 | 16°36 | 17°15 | 0°33 | 0°23 | F 12 |
| S 13 | 11 24 47 | 22°51'39 | 27°11 | 28°44 | 10°33 | 14°24 | 20°38 | 28° 0 | 16° 7 | 3°50 | 28°16 | 16°25 | 17°12 | 0°40 | 0°27 | S 13 |
| S 14 | 11 28 43 | 23°51'42 | 9♏ 7 | 0♓ 7 | 11°43 | 15° 9 | 20°52 | 27°56 | 16° 8 | 3°49 | 28°15 | 16°17 | 17° 9 | 0°47 | 0°31 | S 14 |
| M15 | 11 32 40 | 24°51'43 | 21° 8 | 1°32 | 12°53 | 15°55 | 21° 7 | 27°52 | 16° 9 | 3°48 | 28°14 | 16°13 | 17° 5 | 0°53 | 0°35 | M15 |
| T 16 | 11 36 37 | 25°51'43 | 3♐19 | 2°59 | 14° 3 | 16°41 | 21°21 | 27°48 | 16°10 | 3°47 | 28°12 | 16°10 | 17° 2 | 1° 0 | 0°40 | T 16 |
| W17 | 11 40 33 | 26°51'41 | 15°44 | 4°26 | 15°14 | 17°27 | 21°36 | 27°44 | 16°12 | 3°45 | 28°11 | 16°D10 | 16°59 | 1° 7 | 0°44 | W17 |
| T 18 | 11 44 30 | 27°51'38 | 28°28 | 5°55 | 16°24 | 18°12 | 21°50 | 27°40 | 16°13 | 3°44 | 28°10 | 16°R10 | 16°56 | 1°14 | 0°48 | T 18 |
| F 19 | 11 48 26 | 28°51'33 | 11♉35 | 7°25 | 17°34 | 18°58 | 22° 5 | 27°36 | 16°14 | 3°43 | 28° 9 | 16° 9 | 16°53 | 1°20 | 0°52 | F 19 |
| S 20 | 11 52 23 | 29°51'27 | 25°10 | 8°57 | 18°45 | 19°44 | 22°19 | 27°32 | 16°15 | 3°42 | 28° 8 | 16° 7 | 16°49 | 1°27 | 0°56 | S 20 |
| S 21 | 11 56 19 | 0♈51'19 | 9♒14 | 10°30 | 19°56 | 20°30 | 22°34 | 27°28 | 16°17 | 3°40 | 28° 6 | 16° 2 | 16°46 | 1°34 | 1° 0 | S 21 |
| M22 | 12 0 16 | 1°51'09 | 23°47 | 12° 4 | 21° 6 | 21°16 | 22°48 | 27°25 | 16°18 | 3°39 | 28° 5 | 15°55 | 16°43 | 1°40 | 1° 4 | M22 |
| T 23 | 12 4 12 | 2°50'57 | 8♓45 | 13°39 | 22°17 | 22° 2 | 23° 2 | 27°21 | 16°20 | 3°38 | 28° 4 | 15°46 | 16°40 | 1°47 | 1° 8 | T 23 |
| W24 | 12 8 9 | 3°50'43 | 24° 0 | 15°15 | 23°28 | 22°47 | 23°17 | 27°18 | 16°21 | 3°36 | 28° 3 | 15°35 | 16°37 | 1°54 | 1°13 | W24 |
| T 25 | 12 12 6 | 4°50'28 | 9♈21 | 16°53 | 24°39 | 23°33 | 23°31 | 27°14 | 16°23 | 3°35 | 28° 2 | 15°25 | 16°34 | 2° 1 | 1°16 | T 25 |
| F 26 | 12 16 2 | 5°50'10 | 24°36 | 18°32 | 25°50 | 24°19 | 23°46 | 27°11 | 16°24 | 3°33 | 28° 1 | 15°16 | 16°30 | 2° 7 | 1°20 | F 26 |
| S 27 | 12 19 59 | 6°49'51 | 9♉35 | 20°12 | 27° 1 | 25° 5 | 24° 0 | 27° 8 | 16°26 | 3°32 | 27°59 | 15° 9 | 16°27 | 2°14 | 1°24 | S 27 |
| S 28 | 12 23 55 | 7°49'29 | 24°10 | 21°53 | 28°12 | 25°51 | 24°14 | 27° 5 | 16°28 | 3°31 | 27°58 | 15° 5 | 16°24 | 2°21 | 1°28 | S 28 |
| M29 | 12 27 52 | 8°49'05 | 8♊17 | 23°36 | 29°23 | 26°37 | 24°29 | 27° 2 | 16°29 | 3°29 | 27°57 | 15° 3 | 16°21 | 2°28 | 1°32 | M29 |
| T 30 | 12 31 48 | 9°48'39 | 21°55 | 25°20 | 0♓34 | 27°23 | 24°43 | 26°59 | 16°31 | 3°28 | 27°56 | 15°D 3 | 16°18 | 2°34 | 1°36 | T 30 |
| W31 | 12 35 45 | 10♈48'11 | 5♋ 7 | 27♓ 5 | 1♓45 | 28♒ 9 | 24♓57 | 26♌56 | 16♊33 | 3♏26 | 27♌55 | 15°R 3 | 16♊15 | 2♎41 | 1♓40 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 7s30 | 18n20 | 1s38 | 16s35 | 0s 3 | 19s13 | 1n35 | 19s49 | 0s57 | 5s44 | 0s58 | 13n14 | 1n29 | 22n41 | 0n 2 | 11s13 | 1n43 | 20n59 | 9n40 | 22n51 | 22n50 | 4n54 | 6s 1 | 5n57 |
| T 2 | 7 7 | 21 48 | 0 28 | 16 27 | 0 13 | 19 4 | 1 30 | 19 38 | 0 57 | 5 38 | 0 58 | 13 15 | 1 29 | 22 41 | 0 2 | 11 13 | 1 43 | 21 0 | 9 40 | 22 51 | 22 49 | 4 51 | 5 59 | 5 57 |
| W 3 | 6 44 | 24 0 | 0n41 | 16 17 | 0 23 | 18 55 | 1 26 | 19 28 | 0 58 | 5 32 | 0 58 | 13 17 | 1 29 | 22 41 | 0 2 | 11 13 | 1 43 | 21 0 | 9 40 | 22 51 | 22 49 | 4 48 | 5 58 | 5 57 |
| T 4 | 6 21 | 24 52 | 1 46 | 16 6 | 0 32 | 18 45 | 1 22 | 19 17 | 0 58 | 5 27 | 0 58 | 13 19 | 1 30 | 22 41 | 0 2 | 11 12 | 1 43 | 21 1 | 9 40 | 22 51 | 22 49 | 4 45 | 5 56 | 5 57 |
| F 5 | 5 57 | 24 27 | 2 45 | 15 53 | 0 41 | 18 34 | 1 18 | 19 5 | 0 59 | 5 21 | 0 58 | 13 20 | 1 30 | 22 41 | 0 2 | 11 12 | 1 43 | 21 1 | 9 40 | 22 50 | 22 48 | 4 42 | 5 55 | 5 57 |
| S 6 | 5 34 | 22 49 | 3 35 | 15 39 | 0 49 | 18 23 | 1 13 | 18 54 | 1 0 | 5 15 | 0 58 | 13 22 | 1 30 | 22 41 | 0 2 | 11 12 | 1 43 | 21 2 | 9 40 | 22 50 | 22 48 | 4 40 | 5 53 | 5 57 |
| S 7 | 5 11 | 20 10 | 4 14 | 15 24 | 0 57 | 18 11 | 1 9 | 18 42 | 1 0 | 5 10 | 0 58 | 13 24 | 1 30 | 22 41 | 0 2 | 11 11 | 1 43 | 21 2 | 9 40 | 22 49 | 22 48 | 4 37 | 5 52 | 5 57 |
| M 8 | 4 47 | 16 40 | 4 42 | 15 7 | 1 5 | 17 59 | 1 5 | 18 31 | 1 1 | 5 4 | 0 58 | 13 25 | 1 30 | 22 41 | 0 2 | 11 11 | 1 43 | 21 3 | 9 40 | 22 48 | 22 48 | 4 34 | 5 50 | 5 57 |
| T 9 | 4 24 | 12 30 | 4 56 | 14 50 | 1 12 | 17 47 | 1 0 | 18 19 | 1 1 | 4 58 | 0 58 | 13 27 | 1 30 | 22 41 | 0 2 | 11 10 | 1 43 | 21 3 | 9 40 | 22 47 | 22 47 | 4 31 | 5 49 | 5 57 |
| W10 | 4 0 | 7 54 | 4 58 | 14 30 | 1 19 | 17 34 | 0 56 | 18 7 | 1 2 | 4 53 | 0 58 | 13 28 | 1 30 | 22 41 | 0 2 | 11 10 | 1 43 | 21 4 | 9 40 | 22 45 | 22 47 | 4 28 | 5 47 | 5 57 |
| T 11 | 3 37 | 3 1 | 4 47 | 14 10 | 1 26 | 17 20 | 0 52 | 17 54 | 1 2 | 4 47 | 0 58 | 13 30 | 1 30 | 22 42 | 0 2 | 11 10 | 1 43 | 21 4 | 9 40 | 22 44 | 22 47 | 4 25 | 5 45 | 5 57 |
| F 12 | 3 13 | 1s58 | 4 23 | 13 48 | 1 32 | 17 6 | 0 48 | 17 42 | 1 3 | 4 41 | 0 58 | 13 31 | 1 30 | 22 42 | 0 2 | 11 9 | 1 43 | 21 5 | 9 39 | 22 43 | 22 46 | 4 23 | 5 44 | 5 57 |
| S 13 | 2 50 | 6 54 | 3 48 | 13 25 | 1 38 | 16 51 | 0 44 | 17 29 | 1 4 | 4 36 | 0 58 | 13 33 | 1 30 | 22 42 | 0 2 | 11 9 | 1 43 | 21 5 | 9 39 | 22 41 | 22 46 | 4 20 | 5 42 | 5 57 |
| S 14 | 2 26 | 11 37 | 3 2 | 13 1 | 1 44 | 16 36 | 0 39 | 17 16 | 1 4 | 4 30 | 0 58 | 13 34 | 1 30 | 22 42 | 0 2 | 11 8 | 1 43 | 21 5 | 9 39 | 22 41 | 22 46 | 4 17 | 5 41 | 5 58 |
| M15 | 2 2 | 15 56 | 2 8 | 12 36 | 1 49 | 16 20 | 0 35 | 17 3 | 1 5 | 4 24 | 0 58 | 13 36 | 1 30 | 22 42 | 0 2 | 11 8 | 1 43 | 21 6 | 9 39 | 22 40 | 22 45 | 4 14 | 5 39 | 5 58 |
| T 16 | 1 38 | 19 40 | 1 7 | 12 9 | 1 53 | 16 4 | 0 31 | 16 50 | 1 5 | 4 19 | 0 58 | 13 37 | 1 30 | 22 42 | 0 2 | 11 8 | 1 43 | 21 6 | 9 39 | 22 40 | 22 45 | 4 11 | 5 38 | 5 58 |
| W17 | 1 15 | 22 35 | 0 2 | 11 41 | 1 58 | 15 48 | 0 27 | 16 37 | 1 6 | 4 13 | 0 58 | 13 38 | 1 30 | 22 42 | 0 2 | 11 7 | 1 43 | 21 7 | 9 39 | 22 40 | 22 45 | 4 8 | 5 36 | 5 58 |
| T 18 | 0 51 | 24 27 | 1s 5 | 11 12 | 2 2 | 15 31 | 0 23 | 16 23 | 1 6 | 4 7 | 0 58 | 13 40 | 1 30 | 22 42 | 0 2 | 11 7 | 1 43 | 21 7 | 9 39 | 22 40 | 22 44 | 4 5 | 5 34 | 5 58 |
| F 19 | 0 27 | 25 2 | 2 10 | 10 42 | 2 5 | 15 14 | 0 19 | 16 10 | 1 7 | 4 2 | 0 58 | 13 41 | 1 30 | 22 43 | 0 2 | 11 6 | 1 43 | 21 7 | 9 39 | 22 40 | 22 44 | 4 3 | 5 33 | 5 58 |
| S 20 | 0 3 | 24 11 | 3 11 | 10 11 | 2 8 | 14 56 | 0 15 | 15 56 | 1 7 | 3 56 | 0 58 | 13 42 | 1 30 | 22 43 | 0 2 | 11 6 | 1 43 | 21 8 | 9 39 | 22 40 | 22 44 | 4 0 | 5 31 | 5 58 |
| S 21 | 0n20 | 21 47 | 4 2 | 9 38 | 2 11 | 14 37 | 0 11 | 15 42 | 1 8 | 3 50 | 0 58 | 13 44 | 1 30 | 22 43 | 0 2 | 11 5 | 1 43 | 21 8 | 9 39 | 22 39 | 22 44 | 3 57 | 5 30 | 5 58 |
| M22 | 0 44 | 17 57 | 4 40 | 9 4 | 2 13 | 14 19 | 0 7 | 15 28 | 1 8 | 3 45 | 0 59 | 13 45 | 1 30 | 22 43 | 0 2 | 11 5 | 1 43 | 21 8 | 9 39 | 22 38 | 22 43 | 3 54 | 5 28 | 5 59 |
| T 23 | 1 8 | 12 53 | 4 59 | 8 30 | 2 15 | 14 0 | 0 3 | 15 13 | 1 9 | 3 39 | 0 59 | 13 46 | 1 30 | 22 43 | 0 2 | 11 4 | 1 44 | 21 9 | 9 39 | 22 37 | 22 43 | 3 51 | 5 27 | 5 59 |
| W24 | 1 31 | 6 57 | 4 58 | 7 54 | 2 16 | 13 40 | 0s 0 | 14 59 | 1 9 | 3 34 | 0 59 | 13 47 | 1 30 | 22 43 | 0 2 | 11 4 | 1 44 | 21 9 | 9 39 | 22 36 | 22 43 | 3 48 | 5 25 | 5 59 |
| T 25 | 1 55 | 0 32 | 4 36 | 7 17 | 2 17 | 13 20 | 0 4 | 14 44 | 1 10 | 3 28 | 0 59 | 13 48 | 1 30 | 22 43 | 0 2 | 11 3 | 1 44 | 21 9 | 9 39 | 22 35 | 22 42 | 3 45 | 5 24 | 5 59 |
| F 26 | 2 19 | 5n53 | 3 54 | 6 39 | 2 18 | 13 0 | 0 8 | 14 29 | 1 10 | 3 22 | 0 59 | 13 49 | 1 30 | 22 44 | 0 2 | 11 3 | 1 44 | 21 10 | 9 39 | 22 34 | 22 42 | 3 42 | 5 22 | 5 59 |
| S 27 | 2 42 | 11 51 | 2 56 | 5 59 | 2 18 | 12 39 | 0 11 | 14 15 | 1 11 | 3 17 | 0 59 | 13 50 | 1 30 | 22 44 | 0 2 | 11 2 | 1 44 | 21 10 | 9 38 | 22 33 | 22 42 | 3 40 | 5 21 | 5 59 |
| S 28 | 3 6 | 17 1 | 1 49 | 5 19 | 2 18 | 12 18 | 0 15 | 14 0 | 1 11 | 3 11 | 0 59 | 13 52 | 1 30 | 22 44 | 0 2 | 11 2 | 1 44 | 21 10 | 9 38 | 22 33 | 22 41 | 3 37 | 5 19 | 5 59 |
| M29 | 3 29 | 21 3 | 0 36 | 4 38 | 2 17 | 11 57 | 0 18 | 13 44 | 1 12 | 3 6 | 0 59 | 13 53 | 1 30 | 22 44 | 0 2 | 11 1 | 1 44 | 21 11 | 9 38 | 22 33 | 22 41 | 3 34 | 5 18 | 6 0 |
| T 30 | 3 53 | 23 45 | 0n37 | 3 55 | 2 15 | 11 35 | 0 22 | 13 29 | 1 12 | 3 0 | 0 59 | 13 53 | 1 30 | 22 44 | 0 2 | 11 1 | 1 44 | 21 11 | 9 38 | 22 33 | 22 41 | 3 31 | 5 16 | 6 0 |
| W31 | 4n16 | 25n 2 | 1n45 | 3s12 | 2s14 | 11s13 | 0s25 | 13s14 | 1s13 | 2s54 | 0s59 | 13n54 | 1n30 | 22n45 | 0n 2 | 11s 0 | 1n44 | 21n11 | 9n38 | 22n33 | 22n40 | 3n28 | 5s15 | 6n 0 |

Julian Day Number = 2615598.5, Delta T = 11m08s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'13, Lahiri = 30°08'14


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## APRIL 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 12 39 41 | 11♈47'40 | 17♋55 | 28♓51 | 2♓57 | 28♒55 | 25♓11 | 26°R53 | 16♊35 | 3°R25 | 27°R54 | 15°R 3 | 16♊11 | 2♎48 | 1♓43 | T 1 |
| F 2 | 12 43 38 | 12°47'07 | 0♌24 | 0♈39 | 4° 8 | 29°41 | 25°26 | 26♌51 | 16°37 | 3♏23 | 27♌53 | 15♊ 2 | 16° 8 | 2°54 | 1°47 | F 2 |
| S 3 | 12 47 35 | 13°46'32 | 12°39 | 2°28 | 5°19 | 0♓27 | 25°40 | 26°48 | 16°39 | 3°22 | 27°52 | 14°58 | 16° 5 | 3° 1 | 1°51 | S 3 |
| S 4 | 12 51 31 | 14°45'55 | 24°43 | 4°19 | 6°31 | 1°13 | 25°54 | 26°46 | 16°41 | 3°20 | 27°51 | 14°51 | 16° 2 | 3° 8 | 1°54 | S 4 |
| M 5 | 12 55 28 | 15°45'15 | 6♍41 | 6°11 | 7°42 | 1°59 | 26° 8 | 26°43 | 16°43 | 3°19 | 27°51 | 14°43 | 15°59 | 3°15 | 1°58 | M 5 |
| T 6 | 12 59 24 | 16°44'33 | 18°34 | 8° 4 | 8°54 | 2°45 | 26°22 | 26°41 | 16°45 | 3°17 | 27°50 | 14°32 | 15°55 | 3°21 | 2° 2 | T 6 |
| W 7 | 13 3 21 | 17°43'48 | 0♎26 | 9°58 | 10° 5 | 3°31 | 26°36 | 26°39 | 16°47 | 3°16 | 27°49 | 14°21 | 15°52 | 3°28 | 2° 5 | W 7 |
| T 8 | 13 7 17 | 18°43'02 | 12°19 | 11°54 | 11°17 | 4°17 | 26°50 | 26°37 | 16°49 | 3°14 | 27°48 | 14°10 | 15°49 | 3°35 | 2° 8 | T 8 |
| F 9 | 13 11 14 | 19°42'14 | 24°13 | 13°51 | 12°28 | 5° 3 | 27° 4 | 26°35 | 16°52 | 3°12 | 27°47 | 14° 0 | 15°46 | 3°41 | 2°12 | F 9 |
| S 10 | 13 15 10 | 20°41'23 | 6♏10 | 15°50 | 13°40 | 5°49 | 27°18 | 26°33 | 16°54 | 3°11 | 27°46 | 13°52 | 15°43 | 3°48 | 2°15 | S 10 |
| S 11 | 13 19 7 | 21°40'31 | 18°12 | 17°49 | 14°52 | 6°35 | 27°32 | 26°31 | 16°56 | 3° 9 | 27°46 | 13°47 | 15°40 | 3°55 | 2°19 | S 11 |
| M12 | 13 23 3 | 22°39'37 | 0♐21 | 19°50 | 16° 3 | 7°21 | 27°46 | 26°29 | 16°59 | 3° 8 | 27°45 | 13°43 | 15°36 | 4° 2 | 2°22 | M12 |
| T 13 | 13 27 0 | 23°38'41 | 12°40 | 21°52 | 17°15 | 8° 8 | 28° 0 | 26°28 | 17° 1 | 3° 6 | 27°44 | 13°D42 | 15°33 | 4° 8 | 2°25 | T 13 |
| W14 | 13 30 57 | 24°37'43 | 25°11 | 23°55 | 18°27 | 8°54 | 28°13 | 26°26 | 17° 3 | 3° 4 | 27°43 | 13°43 | 15°30 | 4°15 | 2°28 | W14 |
| T 15 | 13 34 53 | 25°36'44 | 7♑58 | 25°59 | 19°39 | 9°40 | 28°27 | 26°25 | 17° 6 | 3° 3 | 27°43 | 13°44 | 15°27 | 4°22 | 2°31 | T 15 |
| F 16 | 13 38 50 | 26°35'43 | 21° 5 | 28° 4 | 20°51 | 10°26 | 28°41 | 26°24 | 17° 8 | 3° 1 | 27°42 | 13°R45 | 15°24 | 4°28 | 2°35 | F 16 |
| S 17 | 13 42 46 | 27°34'40 | 4♒34 | 0♉ 9 | 22° 2 | 11°12 | 28°55 | 26°23 | 17°11 | 3° 0 | 27°42 | 13°45 | 15°21 | 4°35 | 2°38 | S 17 |
| S 18 | 13 46 43 | 28°33'35 | 18°28 | 2°15 | 23°14 | 11°58 | 29° 8 | 26°22 | 17°13 | 2°58 | 27°41 | 13°43 | 15°17 | 4°42 | 2°41 | S 18 |
| M19 | 13 50 39 | 29°32'29 | 2♓47 | 4°21 | 24°26 | 12°44 | 29°22 | 26°21 | 17°16 | 2°56 | 27°40 | 13°40 | 15°14 | 4°49 | 2°44 | M19 |
| T 20 | 13 54 36 | 0♉31'21 | 17°29 | 6°27 | 25°38 | 13°30 | 29°35 | 26°20 | 17°19 | 2°55 | 27°40 | 13°34 | 15°11 | 4°55 | 2°47 | T 20 |
| W21 | 13 58 33 | 1°30'11 | 2♈28 | 8°32 | 26°50 | 14°16 | 29°49 | 26°19 | 17°21 | 2°53 | 27°39 | 13°28 | 15° 8 | 5° 2 | 2°49 | W21 |
| T 22 | 14 2 29 | 2°28'59 | 17°37 | 10°37 | 28° 2 | 15° 3 | 0♈ 2 | 26°18 | 17°24 | 2°51 | 27°39 | 13°22 | 15° 5 | 5° 9 | 2°52 | T 22 |
| F 23 | 14 6 26 | 3°27'46 | 2♉44 | 12°42 | 29°14 | 15°49 | 0°15 | 26°18 | 17°27 | 2°50 | 27°38 | 13°17 | 15° 1 | 5°15 | 2°55 | F 23 |
| S 24 | 14 10 22 | 4°26'30 | 17°41 | 14°45 | 0♈27 | 16°35 | 0°29 | 26°18 | 17°30 | 2°48 | 27°38 | 13°13 | 14°58 | 5°22 | 2°58 | S 24 |
| S 25 | 14 14 19 | 5°25'13 | 2♊20 | 16°46 | 1°39 | 17°21 | 0°42 | 26°17 | 17°32 | 2°46 | 27°38 | 13°10 | 14°55 | 5°29 | 3° 0 | S 25 |
| M26 | 14 18 15 | 6°23'53 | 16°33 | 18°45 | 2°51 | 18° 7 | 0°55 | 26°17 | 17°35 | 2°45 | 27°37 | 13°D10 | 14°52 | 5°36 | 3° 3 | M26 |
| T 27 | 14 22 12 | 7°22'32 | 0♋20 | 20°42 | 4° 3 | 18°53 | 1° 8 | 26°D17 | 17°38 | 2°43 | 27°37 | 13°11 | 14°49 | 5°42 | 3° 6 | T 27 |
| W28 | 14 26 8 | 8°21'08 | 13°39 | 22°37 | 5°15 | 19°39 | 1°21 | 26°17 | 17°41 | 2°41 | 27°37 | 13°12 | 14°46 | 5°49 | 3° 8 | W28 |
| T 29 | 14 30 5 | 9°19'42 | 26°34 | 24°29 | 6°27 | 20°25 | 1°34 | 26°17 | 17°44 | 2°40 | 27°36 | 13°14 | 14°42 | 5°56 | 3°10 | T 29 |
| F 30 | 14 34 2 | 10♉18'14 | 9♌ 7 | 26♉17 | 7♈39 | 21♓11 | 1♈47 | 26♌17 | 17♊47 | 2♏38 | 27♌36 | 13°R15 | 14♊39 | 6♎ 2 | 3♓13 | F 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 4n39 | 24n55 | 2n46 | 2s28 | 2s11 | 10s51 | 0s29 | 12s58 | 1s13 | 2s49 | 0s59 | 13n55 | 1n29 | 22n45 | 0n 2 | 11s 0 | 1n44 | 21n11 | 9n38 | 22n33 | 22n40 | 3n25 | 5s13 | 6n 0 | |
| F 2 | 5 2 | 23 33 | 3 37 | 1 42 | 2 9 | 10 28 | 0 32 | 12 42 | 1 14 | 2 43 | 0 59 | 13 56 | 1 29 | 22 45 | 0 2 | 10 59 | 1 44 | 21 12 | 9 38 | 22 33 | 22 40 | 3 22 | 5 12 | 6 0 | |
| S 3 | 5 25 | 21 5 | 4 17 | 0 56 | 2 5 | 10 5 | 0 35 | 12 27 | 1 14 | 2 38 | 0 59 | 13 57 | 1 29 | 22 45 | 0 2 | 10 59 | 1 44 | 21 12 | 9 38 | 22 32 | 22 39 | 3 19 | 5 10 | 6 1 | |
| S 4 | 5 48 | 17 44 | 4 46 | 0 9 | 2 1 | 9 42 | 0 38 | 12 11 | 1 15 | 2 32 | 0 59 | 13 58 | 1 29 | 22 45 | 0 2 | 10 58 | 1 44 | 21 12 | 9 37 | 22 31 | 22 39 | 3 16 | 5 9 | 6 1 | |
| M 5 | 6 11 | 13 42 | 5 1 | 0n39 | 1 57 | 9 18 | 0 41 | 11 55 | 1 15 | 2 27 | 1 0 | 13 59 | 1 29 | 22 46 | 0 2 | 10 58 | 1 44 | 21 12 | 9 37 | 22 30 | 22 39 | 3 14 | 5 7 | 6 1 | |
| T 6 | 6 34 | 9 9 | 5 3 | 1 28 | 1 52 | 8 54 | 0 45 | 11 39 | 1 16 | 2 21 | 1 0 | 13 59 | 1 29 | 22 46 | 0 2 | 10 57 | 1 44 | 21 12 | 9 37 | 22 29 | 22 38 | 3 11 | 5 6 | 6 1 | |
| W 7 | 6 56 | 4 18 | 4 52 | 2 18 | 1 47 | 8 30 | 0 47 | 11 22 | 1 16 | 2 16 | 1 0 | 14 0 | 1 29 | 22 46 | 0 2 | 10 56 | 1 44 | 21 13 | 9 37 | 22 28 | 22 38 | 3 8 | 5 4 | 6 1 | |
| T 8 | 7 19 | 0s44 | 4 29 | 3 8 | 1 41 | 8 6 | 0 50 | 11 6 | 1 16 | 2 10 | 1 0 | 14 1 | 1 29 | 22 46 | 0 2 | 10 56 | 1 44 | 21 13 | 9 37 | 22 27 | 22 38 | 3 5 | 5 3 | 6 2 | |
| F 9 | 7 41 | 5 45 | 3 53 | 3 59 | 1 35 | 7 41 | 0 53 | 10 50 | 1 17 | 2 5 | 1 0 | 14 1 | 1 29 | 22 46 | 0 2 | 10 55 | 1 44 | 21 13 | 9 37 | 22 26 | 22 37 | 3 2 | 5 2 | 6 2 | |
| S 10 | 8 4 | 10 36 | 3 7 | 4 51 | 1 28 | 7 16 | 0 56 | 10 33 | 1 17 | 1 59 | 1 0 | 14 2 | 1 29 | 22 47 | 0 2 | 10 55 | 1 44 | 21 13 | 9 37 | 22 25 | 22 37 | 2 59 | 5 0 | 6 2 | |
| S 11 | 8 26 | 15 5 | 2 13 | 5 44 | 1 21 | 6 51 | 0 59 | 10 17 | 1 18 | 1 54 | 1 0 | 14 2 | 1 29 | 22 47 | 0 2 | 10 54 | 1 44 | 21 13 | 9 37 | 22 24 | 22 37 | 2 56 | 4 59 | 6 2 | |
| M12 | 8 48 | 19 1 | 1 11 | 6 36 | 1 13 | 6 26 | 1 1 | 10 0 | 1 18 | 1 49 | 1 0 | 14 3 | 1 29 | 22 47 | 0 2 | 10 54 | 1 44 | 21 13 | 9 36 | 22 24 | 22 36 | 2 53 | 4 57 | 6 3 | |
| T 13 | 9 10 | 22 10 | 0 6 | 7 30 | 1 5 | 6 0 | 1 4 | 9 43 | 1 19 | 1 43 | 1 0 | 14 3 | 1 29 | 22 47 | 0 2 | 10 53 | 1 44 | 21 13 | 9 36 | 22 23 | 22 36 | 2 50 | 4 56 | 6 3 | |
| W14 | 9 31 | 24 19 | 1s 2 | 8 23 | 0 56 | 5 35 | 1 6 | 9 26 | 1 19 | 1 38 | 1 0 | 14 4 | 1 29 | 22 48 | 0 2 | 10 53 | 1 44 | 21 14 | 9 36 | 22 23 | 22 36 | 2 47 | 4 55 | 6 3 | |
| T 15 | 9 53 | 25 15 | 2 7 | 9 17 | 0 47 | 5 9 | 1 9 | 9 9 | 1 19 | 1 32 | 1 1 | 14 4 | 1 29 | 22 48 | 0 2 | 10 52 | 1 44 | 21 14 | 9 36 | 22 24 | 22 35 | 2 45 | 4 53 | 6 3 | |
| F 16 | 10 14 | 24 49 | 3 8 | 10 10 | 0 38 | 4 43 | 1 11 | 8 52 | 1 20 | 1 27 | 1 1 | 14 5 | 1 29 | 22 48 | 0 2 | 10 51 | 1 44 | 21 14 | 9 36 | 22 24 | 22 35 | 2 42 | 4 52 | 6 4 | |
| S 17 | 10 35 | 22 57 | 4 0 | 11 4 | 0 28 | 4 16 | 1 13 | 8 35 | 1 20 | 1 22 | 1 1 | 14 5 | 1 29 | 22 48 | 0 2 | 10 51 | 1 44 | 21 14 | 9 36 | 22 24 | 22 35 | 2 39 | 4 51 | 6 4 | |
| S 18 | 10 56 | 19 41 | 4 40 | 11 57 | 0 18 | 3 50 | 1 15 | 8 18 | 1 20 | 1 17 | 1 1 | 14 5 | 1 29 | 22 49 | 0 2 | 10 50 | 1 44 | 21 14 | 9 35 | 22 24 | 22 34 | 2 36 | 4 49 | 6 4 | |
| M19 | 11 17 | 15 10 | 5 3 | 12 50 | 0 7 | 3 23 | 1 18 | 8 0 | 1 21 | 1 11 | 1 1 | 14 6 | 1 29 | 22 49 | 0 2 | 10 50 | 1 44 | 21 14 | 9 35 | 22 23 | 22 34 | 2 33 | 4 48 | 6 4 | |
| T 20 | 11 38 | 9 40 | 5 8 | 13 42 | 0n 4 | 2 57 | 1 20 | 7 43 | 1 21 | 1 6 | 1 1 | 14 6 | 1 28 | 22 49 | 0 2 | 10 49 | 1 44 | 21 14 | 9 35 | 22 22 | 22 34 | 2 30 | 4 47 | 6 5 | |
| W21 | 11 58 | 3 29 | 4 52 | 14 33 | 0 15 | 2 30 | 1 22 | 7 26 | 1 22 | 1 1 | 1 1 | 14 6 | 1 28 | 22 49 | 0 2 | 10 49 | 1 44 | 21 14 | 9 35 | 22 22 | 22 33 | 2 27 | 4 46 | 6 5 | |
| T 22 | 12 18 | 2n57 | 4 16 | 15 23 | 0 25 | 2 3 | 1 23 | 7 8 | 1 22 | 0 56 | 1 1 | 14 6 | 1 28 | 22 50 | 0 2 | 10 48 | 1 44 | 21 14 | 9 35 | 22 21 | 22 33 | 2 24 | 4 44 | 6 5 | |
| F 23 | 12 38 | 9 14 | 3 22 | 16 11 | 0 36 | 1 36 | 1 25 | 6 51 | 1 22 | 0 50 | 1 2 | 14 6 | 1 28 | 22 50 | 0 2 | 10 48 | 1 44 | 21 14 | 9 35 | 22 20 | 22 33 | 2 21 | 4 43 | 6 6 | |
| S 24 | 12 58 | 14 55 | 2 14 | 16 59 | 0 47 | 1 9 | 1 27 | 6 33 | 1 22 | 0 45 | 1 2 | 14 6 | 1 28 | 22 50 | 0 2 | 10 47 | 1 44 | 21 14 | 9 34 | 22 20 | 22 32 | 2 18 | 4 42 | 6 6 | |
| S 25 | 13 18 | 19 37 | 0 59 | 17 44 | 0 58 | 0 42 | 1 28 | 6 16 | 1 23 | 0 40 | 1 2 | 14 6 | 1 28 | 22 50 | 0 2 | 10 46 | 1 44 | 21 14 | 9 34 | 22 20 | 22 32 | 2 15 | 4 41 | 6 6 | |
| M26 | 13 37 | 23 1 | 0n18 | 18 28 | 1 9 | 0 15 | 1 30 | 5 58 | 1 23 | 0 35 | 1 2 | 14 6 | 1 28 | 22 51 | 0 3 | 10 46 | 1 44 | 21 14 | 9 34 | 22 19 | 22 32 | 2 12 | 4 39 | 6 6 | |
| T 27 | 13 56 | 24 55 | 1 32 | 19 9 | 1 19 | 0n12 | 1 31 | 5 40 | 1 23 | 0 30 | 1 2 | 14 6 | 1 28 | 22 51 | 0 3 | 10 45 | 1 44 | 21 14 | 9 34 | 22 20 | 22 31 | 2 9 | 4 38 | 6 7 | |
| W28 | 14 15 | 25 19 | 2 38 | 19 49 | 1 29 | 0 40 | 1 33 | 5 22 | 1 24 | 0 25 | 1 2 | 14 6 | 1 28 | 22 51 | 0 3 | 10 45 | 1 44 | 21 14 | 9 34 | 22 20 | 22 31 | 2 6 | 4 37 | 6 7 | |
| T 29 | 14 34 | 24 18 | 3 35 | 20 26 | 1 38 | 1 7 | 1 34 | 5 5 | 1 24 | 0 20 | 1 2 | 14 6 | 1 28 | 22 52 | 0 3 | 10 44 | 1 44 | 21 14 | 9 33 | 22 20 | 22 30 | 2 4 | 4 36 | 6 7 | |
| F 30 | 14n52 | 22n 5 | 4n19 | 21n 1 | 1n47 | 1n34 | 1s35 | 4s47 | 1s24 | 0s15 | 1s 2 | 14n 6 | 1n28 | 22n52 | 0n 3 | 10s44 | 1n44 | 21n14 | 9n33 | 22n20 | 22n30 | 2n 1 | 4s35 | 6n 8 | |

Julian Day Number = 2615629.5, Delta T = 11m09s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'18, Lahiri = 30°08'18


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## MAY 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 37 58 | 11♉16'44 | 21♌23 | 28♉ 3 | 8♈52 | 21♓57 | 2♈ 0 | 26♌18 | 17♊50 | 2°R37 | 27°R36 | 13°R14 | 14♊36 | 6♎ 9 | 3♓15 | S 1 |
| S 2 | 14 41 55 | 12°15'11 | 3♍27 | 29°44 | 10° 4 | 22°43 | 2°13 | 26°18 | 17°53 | 2♏35 | 27♌35 | 13♊12 | 14°33 | 6°16 | 3°17 | S 2 |
| M 3 | 14 45 51 | 13°13'37 | 15°23 | 1♊22 | 11°16 | 23°29 | 2°25 | 26°19 | 17°56 | 2°33 | 27°35 | 13° 9 | 14°30 | 6°23 | 3°20 | M 3 |
| T 4 | 14 49 48 | 14°12'00 | 27°15 | 2°56 | 12°28 | 24°15 | 2°38 | 26°20 | 17°59 | 2°32 | 27°35 | 13° 5 | 14°26 | 6°29 | 3°22 | T 4 |
| W 5 | 14 53 44 | 15°10'21 | 9♎ 7 | 4°26 | 13°41 | 25° 1 | 2°50 | 26°20 | 18° 2 | 2°30 | 27°35 | 13° 0 | 14°23 | 6°36 | 3°24 | W 5 |
| T 6 | 14 57 41 | 16° 8'41 | 21° 1 | 5°52 | 14°53 | 25°47 | 3° 3 | 26°21 | 18° 5 | 2°29 | 27°35 | 12°55 | 14°20 | 6°43 | 3°26 | T 6 |
| F 7 | 15 1 37 | 17° 6'58 | 2♏59 | 7°13 | 16° 5 | 26°33 | 3°15 | 26°22 | 18° 8 | 2°27 | 27°35 | 12°51 | 14°17 | 6°49 | 3°28 | F 7 |
| S 8 | 15 5 34 | 18° 5'14 | 15° 4 | 8°30 | 17°18 | 27°19 | 3°28 | 26°23 | 18°11 | 2°25 | 27°35 | 12°47 | 14°14 | 6°56 | 3°30 | S 8 |
| S 9 | 15 9 30 | 19° 3'28 | 27°17 | 9°42 | 18°30 | 28° 5 | 3°40 | 26°25 | 18°15 | 2°24 | 27°D35 | 12°45 | 14°11 | 7° 3 | 3°32 | S 9 |
| M10 | 15 13 27 | 20° 1'40 | 9♐40 | 10°50 | 19°42 | 28°51 | 3°52 | 26°26 | 18°18 | 2°22 | 27°35 | 12°D44 | 14° 7 | 7°10 | 3°34 | M10 |
| T 11 | 15 17 24 | 20°59'51 | 22°14 | 11°53 | 20°55 | 29°37 | 4° 4 | 26°27 | 18°21 | 2°21 | 27°35 | 12°45 | 14° 4 | 7°16 | 3°35 | T 11 |
| W12 | 15 21 20 | 21°58'00 | 5♑ 0 | 12°52 | 22° 7 | 0♈23 | 4°16 | 26°29 | 18°24 | 2°19 | 27°35 | 12°46 | 14° 1 | 7°23 | 3°37 | W12 |
| T 13 | 15 25 17 | 22°56'08 | 18° 1 | 13°46 | 23°20 | 1° 8 | 4°28 | 26°30 | 18°27 | 2°18 | 27°35 | 12°47 | 13°58 | 7°30 | 3°39 | T 13 |
| F 14 | 15 29 13 | 23°54'14 | 1♒17 | 14°34 | 24°32 | 1°54 | 4°40 | 26°32 | 18°31 | 2°16 | 27°35 | 12°49 | 13°55 | 7°36 | 3°40 | F 14 |
| S 15 | 15 33 10 | 24°52'19 | 14°50 | 15°18 | 25°45 | 2°40 | 4°52 | 26°34 | 18°34 | 2°15 | 27°35 | 12°49 | 13°52 | 7°43 | 3°42 | S 15 |
| S 16 | 15 37 6 | 25°50'22 | 28°41 | 15°57 | 26°57 | 3°26 | 5° 4 | 26°36 | 18°37 | 2°13 | 27°36 | 12°R50 | 13°48 | 7°50 | 3°43 | S 16 |
| M17 | 15 41 3 | 26°48'24 | 12♓49 | 16°31 | 28°10 | 4°12 | 5°15 | 26°38 | 18°41 | 2°12 | 27°36 | 12°49 | 13°45 | 7°57 | 3°45 | M17 |
| T 18 | 15 45 0 | 27°46'25 | 27°14 | 17° 0 | 29°22 | 4°57 | 5°27 | 26°40 | 18°44 | 2°10 | 27°36 | 12°48 | 13°42 | 8° 3 | 3°46 | T 18 |
| W19 | 15 48 56 | 28°44'25 | 11♈51 | 17°24 | 0♉35 | 5°43 | 5°38 | 26°42 | 18°47 | 2° 9 | 27°36 | 12°46 | 13°39 | 8°10 | 3°47 | W19 |
| T 20 | 15 52 53 | 29°42'23 | 26°36 | 17°43 | 1°47 | 6°29 | 5°50 | 26°45 | 18°51 | 2° 7 | 27°37 | 12°45 | 13°36 | 8°17 | 3°48 | T 20 |
| F 21 | 15 56 49 | 0♊40'20 | 11♉21 | 17°57 | 3° 0 | 7°14 | 6° 1 | 26°47 | 18°54 | 2° 6 | 27°37 | 12°43 | 13°32 | 8°23 | 3°50 | F 21 |
| S 22 | 16 0 46 | 1°38'15 | 26° 1 | 18° 5 | 4°12 | 8° 0 | 6°12 | 26°50 | 18°58 | 2° 5 | 27°37 | 12°42 | 13°29 | 8°30 | 3°51 | S 22 |
| S 23 | 16 4 42 | 2°36'09 | 10♊27 | 18°R 9 | 5°25 | 8°46 | 6°23 | 26°52 | 19° 1 | 2° 3 | 27°38 | 12°D42 | 13°26 | 8°37 | 3°52 | S 23 |
| M24 | 16 8 39 | 3°34'02 | 24°34 | 18° 8 | 6°37 | 9°31 | 6°34 | 26°55 | 19° 4 | 2° 2 | 27°38 | 12°42 | 13°23 | 8°43 | 3°53 | M24 |
| T 25 | 16 12 35 | 4°31'53 | 8♋20 | 18° 3 | 7°50 | 10°17 | 6°45 | 26°58 | 19° 8 | 2° 1 | 27°38 | 12°43 | 13°20 | 8°50 | 3°54 | T 25 |
| W26 | 16 16 32 | 5°29'43 | 21°41 | 17°52 | 9° 3 | 11° 2 | 6°56 | 27° 1 | 19°11 | 1°59 | 27°39 | 12°43 | 13°17 | 8°57 | 3°54 | W26 |
| T 27 | 16 20 29 | 6°27'31 | 4♌40 | 17°38 | 10°15 | 11°48 | 7° 6 | 27° 4 | 19°15 | 1°58 | 27°39 | 12°44 | 13°13 | 9° 4 | 3°55 | T 27 |
| F 28 | 16 24 25 | 7°25'17 | 17°17 | 17°19 | 11°28 | 12°33 | 7°17 | 27° 7 | 19°18 | 1°57 | 27°40 | 12°45 | 13°10 | 9°10 | 3°56 | F 28 |
| S 29 | 16 28 22 | 8°23'02 | 29°37 | 16°57 | 12°41 | 13°19 | 7°27 | 27°10 | 19°22 | 1°55 | 27°41 | 12°45 | 13° 7 | 9°17 | 3°56 | S 29 |
| S 30 | 16 32 18 | 9°20'45 | 11♍43 | 16°32 | 13°53 | 14° 4 | 7°38 | 27°14 | 19°25 | 1°54 | 27°41 | 12°R45 | 13° 4 | 9°24 | 3°57 | S 30 |
| M31 | 16 36 15 | 10♊18'26 | 23♍40 | 16♊ 4 | 15♉ 6 | 14♈49 | 7♈48 | 27♌17 | 19♊29 | 1♏53 | 27♌42 | 12♊45 | 13♊ 1 | 9♎30 | 3♓57 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n11 | 18n55 | 4n50 | 21n33 | 1n56 | 2n 2 | 1s36 | 4s29 | 1s25 | 0s10 | 1s 3 | 14n 6 | 1n28 | 22n52 | 0n 3 | 10s43 | 1n44 | 21n13 | 9n33 | 22n20 | 22n30 | 1n58 | 4s34 | 6n 8 |
| S 2 | 15 29 | 15 0 | 5 8 | 22 3 | 2 3 | 2 29 | 1 37 | 4 11 | 1 25 | 0 5 | 1 3 | 14 5 | 1 28 | 22 52 | 0 3 | 10 43 | 1 44 | 21 13 | 9 33 | 22 20 | 22 29 | 1 55 | 4 32 | 6 8 |
| M 3 | 15 46 | 10 32 | 5 12 | 22 31 | 2 10 | 2 56 | 1 38 | 3 53 | 1 25 | 0 0 | 1 3 | 14 5 | 1 27 | 22 53 | 0 3 | 10 42 | 1 44 | 21 13 | 9 33 | 22 19 | 22 29 | 1 52 | 4 31 | 6 9 |
| T 4 | 16 4 | 5 43 | 5 3 | 22 56 | 2 17 | 3 24 | 1 39 | 3 35 | 1 25 | 0n 5 | 1 3 | 14 5 | 1 27 | 22 53 | 0 3 | 10 41 | 1 44 | 21 13 | 9 32 | 22 19 | 22 29 | 1 49 | 4 30 | 6 9 |
| W 5 | 16 21 | 0 42 | 4 41 | 23 18 | 2 22 | 3 51 | 1 40 | 3 17 | 1 26 | 0 10 | 1 3 | 14 5 | 1 27 | 22 53 | 0 3 | 10 41 | 1 44 | 21 13 | 9 32 | 22 18 | 22 28 | 1 46 | 4 29 | 6 9 |
| T 6 | 16 38 | 4s22 | 4 6 | 23 38 | 2 26 | 4 18 | 1 41 | 2 59 | 1 26 | 0 14 | 1 3 | 14 4 | 1 27 | 22 54 | 0 3 | 10 40 | 1 44 | 21 13 | 9 32 | 22 18 | 22 28 | 1 43 | 4 28 | 6 10 |
| F 7 | 16 54 | 9 20 | 3 21 | 23 56 | 2 30 | 4 45 | 1 41 | 2 41 | 1 26 | 0 19 | 1 3 | 14 4 | 1 27 | 22 54 | 0 3 | 10 40 | 1 44 | 21 13 | 9 32 | 22 17 | 22 28 | 1 40 | 4 27 | 6 10 |
| S 8 | 17 11 | 13 59 | 2 26 | 24 11 | 2 33 | 5 12 | 1 42 | 2 23 | 1 26 | 0 24 | 1 4 | 14 3 | 1 27 | 22 54 | 0 3 | 10 39 | 1 44 | 21 12 | 9 32 | 22 17 | 22 27 | 1 37 | 4 26 | 6 10 |
| S 9 | 17 27 | 18 9 | 1 24 | 24 24 | 2 35 | 5 39 | 1 43 | 2 5 | 1 26 | 0 29 | 1 4 | 14 3 | 1 27 | 22 54 | 0 3 | 10 39 | 1 44 | 21 12 | 9 31 | 22 16 | 22 27 | 1 34 | 4 25 | 6 11 |
| M10 | 17 42 | 21 34 | 0 17 | 24 35 | 2 35 | 6 6 | 1 43 | 1 47 | 1 27 | 0 33 | 1 4 | 14 2 | 1 27 | 22 55 | 0 3 | 10 38 | 1 44 | 21 12 | 9 31 | 22 16 | 22 26 | 1 31 | 4 24 | 6 11 |
| T 11 | 17 58 | 24 1 | 0s52 | 24 43 | 2 35 | 6 33 | 1 43 | 1 29 | 1 27 | 0 38 | 1 4 | 14 2 | 1 27 | 22 55 | 0 3 | 10 38 | 1 44 | 21 12 | 9 31 | 22 16 | 22 26 | 1 28 | 4 23 | 6 11 |
| W12 | 18 13 | 25 17 | 2 0 | 24 50 | 2 34 | 7 0 | 1 44 | 1 11 | 1 27 | 0 43 | 1 4 | 14 1 | 1 27 | 22 55 | 0 3 | 10 37 | 1 44 | 21 12 | 9 31 | 22 16 | 22 26 | 1 25 | 4 22 | 6 12 |
| T 13 | 18 28 | 25 11 | 3 2 | 24 55 | 2 32 | 7 26 | 1 44 | 0 53 | 1 27 | 0 47 | 1 4 | 14 1 | 1 27 | 22 56 | 0 3 | 10 37 | 1 44 | 21 11 | 9 31 | 22 17 | 22 25 | 1 22 | 4 22 | 6 12 |
| F 14 | 18 42 | 23 40 | 3 57 | 24 57 | 2 29 | 7 53 | 1 44 | 0 35 | 1 27 | 0 52 | 1 5 | 14 0 | 1 27 | 22 56 | 0 3 | 10 36 | 1 44 | 21 11 | 9 30 | 22 17 | 22 25 | 1 19 | 4 21 | 6 12 |
| S 15 | 18 56 | 20 47 | 4 39 | 24 58 | 2 24 | 8 19 | 1 44 | 0 17 | 1 27 | 0 56 | 1 5 | 13 59 | 1 27 | 22 56 | 0 3 | 10 36 | 1 44 | 21 11 | 9 30 | 22 17 | 22 25 | 1 16 | 4 20 | 6 13 |
| S 16 | 19 10 | 16 41 | 5 6 | 24 57 | 2 19 | 8 45 | 1 44 | 0n 1 | 1 28 | 1 1 | 1 5 | 13 58 | 1 26 | 22 56 | 0 3 | 10 35 | 1 44 | 21 11 | 9 30 | 22 17 | 22 24 | 1 13 | 4 19 | 6 13 |
| M17 | 19 24 | 11 35 | 5 16 | 24 54 | 2 12 | 9 11 | 1 44 | 0 19 | 1 28 | 1 5 | 1 5 | 13 58 | 1 26 | 22 57 | 0 3 | 10 35 | 1 44 | 21 10 | 9 30 | 22 17 | 22 24 | 1 10 | 4 18 | 6 13 |
| T 18 | 19 37 | 5 47 | 5 6 | 24 49 | 2 5 | 9 37 | 1 43 | 0 37 | 1 28 | 1 10 | 1 5 | 13 57 | 1 26 | 22 57 | 0 3 | 10 34 | 1 44 | 21 10 | 9 30 | 22 17 | 22 23 | 1 7 | 4 17 | 6 14 |
| W19 | 19 50 | 0n26 | 4 36 | 24 43 | 1 56 | 10 2 | 1 43 | 0 55 | 1 28 | 1 14 | 1 5 | 13 56 | 1 26 | 22 57 | 0 3 | 10 34 | 1 44 | 21 10 | 9 29 | 22 16 | 22 23 | 1 5 | 4 17 | 6 14 |
| T 20 | 20 2 | 6 41 | 3 48 | 24 35 | 1 46 | 10 28 | 1 43 | 1 13 | 1 28 | 1 18 | 1 6 | 13 55 | 1 26 | 22 58 | 0 3 | 10 33 | 1 44 | 21 10 | 9 29 | 22 16 | 22 23 | 1 2 | 4 16 | 6 14 |
| F 21 | 20 15 | 12 35 | 2 45 | 24 25 | 1 35 | 10 53 | 1 42 | 1 31 | 1 28 | 1 22 | 1 6 | 13 54 | 1 26 | 22 58 | 0 3 | 10 33 | 1 44 | 21 9 | 9 29 | 22 16 | 22 22 | 0 59 | 4 15 | 6 15 |
| S 22 | 20 26 | 17 44 | 1 31 | 24 14 | 1 24 | 11 18 | 1 42 | 1 49 | 1 28 | 1 27 | 1 6 | 13 53 | 1 26 | 22 58 | 0 3 | 10 33 | 1 44 | 21 9 | 9 29 | 22 16 | 22 22 | 0 56 | 4 14 | 6 15 |
| S 23 | 20 38 | 21 45 | 0 12 | 24 2 | 1 11 | 11 42 | 1 41 | 2 7 | 1 28 | 1 31 | 1 6 | 13 52 | 1 26 | 22 58 | 0 3 | 10 32 | 1 44 | 21 9 | 9 29 | 22 16 | 22 21 | 0 53 | 4 14 | 6 16 |
| M24 | 20 49 | 24 21 | 1n 5 | 23 48 | 0 57 | 12 7 | 1 40 | 2 25 | 1 28 | 1 35 | 1 6 | 13 51 | 1 26 | 22 59 | 0 3 | 10 32 | 1 44 | 21 8 | 9 28 | 22 16 | 22 21 | 0 50 | 4 13 | 6 16 |
| T 25 | 21 0 | 25 24 | 2 17 | 23 33 | 0 42 | 12 31 | 1 40 | 2 42 | 1 28 | 1 39 | 1 7 | 13 50 | 1 26 | 22 59 | 0 3 | 10 31 | 1 44 | 21 8 | 9 28 | 22 16 | 22 21 | 0 47 | 4 12 | 6 16 |
| W26 | 21 10 | 24 55 | 3 20 | 23 17 | 0 27 | 12 55 | 1 39 | 3 0 | 1 28 | 1 43 | 1 7 | 13 49 | 1 26 | 22 59 | 0 3 | 10 31 | 1 44 | 21 8 | 9 28 | 22 16 | 22 20 | 0 44 | 4 12 | 6 17 |
| T 27 | 21 20 | 23 5 | 4 10 | 22 59 | 0 11 | 13 18 | 1 38 | 3 18 | 1 28 | 1 47 | 1 7 | 13 48 | 1 26 | 23 0 | 0 3 | 10 30 | 1 44 | 21 7 | 9 28 | 22 16 | 22 20 | 0 41 | 4 11 | 6 17 |
| F 28 | 21 30 | 20 10 | 4 46 | 22 41 | 0s 6 | 13 42 | 1 37 | 3 35 | 1 28 | 1 51 | 1 7 | 13 47 | 1 26 | 23 0 | 0 3 | 10 30 | 1 44 | 21 7 | 9 28 | 22 16 | 22 19 | 0 38 | 4 10 | 6 17 |
| S 29 | 21 39 | 16 24 | 5 9 | 22 22 | 0 23 | 14 5 | 1 36 | 3 53 | 1 28 | 1 55 | 1 7 | 13 46 | 1 25 | 23 0 | 0 3 | 10 30 | 1 44 | 21 7 | 9 27 | 22 16 | 22 19 | 0 35 | 4 10 | 6 18 |
| S 30 | 21 48 | 12 2 | 5 17 | 22 2 | 0 40 | 14 27 | 1 35 | 4 11 | 1 28 | 1 59 | 1 8 | 13 45 | 1 25 | 23 0 | 0 3 | 10 29 | 1 44 | 21 6 | 9 27 | 22 16 | 22 19 | 0 32 | 4 9 | 6 18 |
| M31 | 21n56 | 7n16 | 5n11 | 21n42 | 0s58 | 14n50 | 1s34 | 4n28 | 1s28 | 2n 3 | 1s 8 | 13n43 | 1n25 | 23n 1 | 0n 3 | 10s29 | 1n43 | 21n 6 | 9n27 | 22n16 | 22n18 | 0n29 | 4s 9 | 6n18 |

Julian Day Number = 2615659.5, Delta T = 11m09s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'22, Lahiri = 30°08'22


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## JUNE 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 16 40 11 | 11♊16'06 | 5♎33 | 15°R34 | 16♉19 | 15♈35 | 7♈58 | 27♌21 | 19♊32 | 1°R52 | 27♌42 | 12°R45 | 12♊58 | 9♎37 | 3♓58 | T 1 |
| W 2 | 16 44 8 | 12°13'45 | 17°25 | 15♊ 2 | 17°31 | 16°20 | 8° 8 | 27°24 | 19°36 | 1♏51 | 27°43 | 12♊45 | 12°54 | 9°44 | 3°58 | W 2 |
| T 3 | 16 48 4 | 13°11'22 | 29°21 | 14°28 | 18°44 | 17° 5 | 8°18 | 27°28 | 19°39 | 1°49 | 27°44 | 12°D45 | 12°51 | 9°51 | 3°59 | T 3 |
| F 4 | 16 52 1 | 14° 8'57 | 11♏25 | 13°55 | 19°57 | 17°50 | 8°27 | 27°32 | 19°43 | 1°48 | 27°44 | 12°45 | 12°48 | 9°57 | 3°59 | F 4 |
| S 5 | 16 55 58 | 15° 6'32 | 23°38 | 13°21 | 21° 9 | 18°35 | 8°37 | 27°35 | 19°46 | 1°47 | 27°45 | 12°45 | 12°45 | 10° 4 | 3°59 | S 5 |
| S 6 | 16 59 54 | 16° 4'05 | 6♐ 4 | 12°47 | 22°22 | 19°20 | 8°47 | 27°39 | 19°50 | 1°46 | 27°46 | 12°45 | 12°42 | 10°11 | 3°59 | S 6 |
| M 7 | 17 3 51 | 17° 1'37 | 18°43 | 12°15 | 23°35 | 20° 5 | 8°56 | 27°43 | 19°53 | 1°45 | 27°47 | 12°R45 | 12°38 | 10°17 | 3°R59 | M 7 |
| T 8 | 17 7 47 | 17°59'08 | 1♑37 | 11°45 | 24°48 | 20°50 | 9° 5 | 27°47 | 19°57 | 1°44 | 27°47 | 12°45 | 12°35 | 10°24 | 3°59 | T 8 |
| W 9 | 17 11 44 | 18°56'38 | 14°45 | 11°17 | 26° 0 | 21°35 | 9°14 | 27°52 | 20° 0 | 1°43 | 27°48 | 12°44 | 12°32 | 10°31 | 3°59 | W 9 |
| T 10 | 17 15 40 | 19°54'07 | 28° 8 | 10°51 | 27°13 | 22°20 | 9°23 | 27°56 | 20° 4 | 1°42 | 27°49 | 12°43 | 12°29 | 10°38 | 3°59 | T 10 |
| F 11 | 17 19 37 | 20°51'36 | 11♒44 | 10°29 | 28°26 | 23° 5 | 9°32 | 28° 0 | 20° 7 | 1°41 | 27°50 | 12°43 | 12°26 | 10°44 | 3°59 | F 11 |
| S 12 | 17 23 33 | 21°49'03 | 25°31 | 10°10 | 29°39 | 23°50 | 9°41 | 28° 5 | 20°11 | 1°40 | 27°51 | 12°42 | 12°23 | 10°51 | 3°58 | S 12 |
| S 13 | 17 27 30 | 22°46'30 | 9♓30 | 9°54 | 0♊52 | 24°35 | 9°50 | 28° 9 | 20°15 | 1°39 | 27°52 | 12°41 | 12°19 | 10°58 | 3°58 | S 13 |
| M14 | 17 31 27 | 23°43'56 | 23°37 | 9°43 | 2° 4 | 25°19 | 9°58 | 28°14 | 20°18 | 1°38 | 27°53 | 12°D41 | 12°16 | 11° 4 | 3°58 | M14 |
| T 15 | 17 35 23 | 24°41'22 | 7♈52 | 9°36 | 3°17 | 26° 4 | 10° 7 | 28°19 | 20°22 | 1°38 | 27°54 | 12°41 | 12°13 | 11°11 | 3°57 | T 15 |
| W16 | 17 39 20 | 25°38'47 | 22°10 | 9°D33 | 4°30 | 26°49 | 10°15 | 28°23 | 20°25 | 1°37 | 27°55 | 12°42 | 12°10 | 11°18 | 3°57 | W16 |
| T 17 | 17 43 16 | 26°36'12 | 6♉31 | 9°35 | 5°43 | 27°33 | 10°23 | 28°28 | 20°29 | 1°36 | 27°56 | 12°43 | 12° 7 | 11°24 | 3°56 | T 17 |
| F 18 | 17 47 13 | 27°33'36 | 20°49 | 9°41 | 6°56 | 28°18 | 10°31 | 28°33 | 20°32 | 1°35 | 27°57 | 12°44 | 12° 4 | 11°31 | 3°55 | F 18 |
| S 19 | 17 51 9 | 28°30'59 | 5♊ 2 | 9°52 | 8° 9 | 29° 2 | 10°39 | 28°38 | 20°36 | 1°35 | 27°58 | 12°44 | 12° 0 | 11°38 | 3°55 | S 19 |
| S 20 | 17 55 6 | 29°28'22 | 19° 5 | 10° 7 | 9°22 | 29°47 | 10°47 | 28°43 | 20°39 | 1°34 | 27°59 | 12°R44 | 11°57 | 11°45 | 3°54 | S 20 |
| M21 | 17 59 2 | 0♋25'45 | 2♋54 | 10°27 | 10°35 | 0♉31 | 10°54 | 28°48 | 20°43 | 1°33 | 28° 0 | 12°44 | 11°54 | 11°51 | 3°53 | M21 |
| T 22 | 18 2 59 | 1°23'06 | 16°27 | 10°51 | 11°48 | 1°15 | 11° 1 | 28°53 | 20°46 | 1°32 | 28° 2 | 12°42 | 11°51 | 11°58 | 3°52 | T 22 |
| W23 | 18 6 56 | 2°20'27 | 29°42 | 11°19 | 13° 1 | 1°59 | 11° 9 | 28°59 | 20°50 | 1°32 | 28° 3 | 12°39 | 11°48 | 12° 5 | 3°51 | W23 |
| T 24 | 18 10 52 | 3°17'48 | 12♌37 | 11°53 | 14°14 | 2°44 | 11°16 | 29° 4 | 20°53 | 1°31 | 28° 4 | 12°36 | 11°44 | 12°11 | 3°50 | T 24 |
| F 25 | 18 14 49 | 4°15'07 | 25°14 | 12°30 | 15°27 | 3°28 | 11°23 | 29° 9 | 20°57 | 1°31 | 28° 5 | 12°33 | 11°41 | 12°18 | 3°49 | F 25 |
| S 26 | 18 18 45 | 5°12'25 | 7♍34 | 13°11 | 16°40 | 4°12 | 11°30 | 29°15 | 21° 0 | 1°30 | 28° 6 | 12°31 | 11°38 | 12°25 | 3°48 | S 26 |
| S 27 | 18 22 42 | 6° 9'43 | 19°42 | 13°57 | 17°53 | 4°56 | 11°36 | 29°20 | 21° 4 | 1°30 | 28° 8 | 12°29 | 11°35 | 12°32 | 3°47 | S 27 |
| M28 | 18 26 38 | 7° 7'00 | 1♎39 | 14°47 | 19° 6 | 5°39 | 11°43 | 29°26 | 21° 7 | 1°29 | 28° 9 | 12°D28 | 11°32 | 12°38 | 3°46 | M28 |
| T 29 | 18 30 35 | 8° 4'16 | 13°32 | 15°41 | 20°19 | 6°23 | 11°49 | 29°32 | 21°10 | 1°29 | 28°10 | 12°28 | 11°29 | 12°45 | 3°44 | T 29 |
| W30 | 18 34 31 | 9♋ 1'32 | 25♎25 | 16♊39 | 21♊32 | 7♉ 7 | 11♈55 | 29♌37 | 21♊14 | 1♏28 | 28♌12 | 12♊28 | 11♊25 | 12♎52 | 3♓43 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n 5 | 2n17 | 4n52 | 21n21 | 1s15 | 15n12 | 1s33 | 4n45 | 1s28 | 2n 7 | 1s 8 | 13n42 | 1n25 | 23n 1 | 0n 3 | 10s28 | 1n43 | 21n 5 | 9n27 | 22n16 | 22n18 | 0n26 | 4s 8 | 6n19 |
| W 2 | 22 12 | 2s48 | 4 21 | 21 0 | 1 33 | 15 33 | 1 32 | 5 3 | 1 28 | 2 10 | 1 8 | 13 41 | 1 25 | 23 1 | 0 3 | 10 28 | 1 43 | 21 5 | 9 27 | 22 16 | 22 17 | 0 23 | 4 8 | 6 19 |
| T 3 | 22 20 | 7 49 | 3 38 | 20 39 | 1 50 | 15 54 | 1 30 | 5 20 | 1 28 | 2 14 | 1 8 | 13 39 | 1 25 | 23 2 | 0 3 | 10 28 | 1 43 | 21 5 | 9 27 | 22 16 | 22 17 | 0 20 | 4 7 | 6 20 |
| F 4 | 22 27 | 12 36 | 2 45 | 20 19 | 2 7 | 16 15 | 1 29 | 5 37 | 1 28 | 2 18 | 1 9 | 13 38 | 1 25 | 23 2 | 0 3 | 10 27 | 1 43 | 21 4 | 9 26 | 22 16 | 22 17 | 0 17 | 4 7 | 6 20 |
| S 5 | 22 33 | 16 57 | 1 44 | 19 59 | 2 23 | 16 36 | 1 27 | 5 54 | 1 28 | 2 21 | 1 9 | 13 37 | 1 25 | 23 2 | 0 3 | 10 27 | 1 43 | 21 4 | 9 26 | 22 16 | 22 16 | 0 14 | 4 7 | 6 20 |
| S 6 | 22 39 | 20 40 | 0 37 | 19 39 | 2 39 | 16 56 | 1 26 | 6 11 | 1 28 | 2 25 | 1 9 | 13 35 | 1 25 | 23 2 | 0 3 | 10 27 | 1 43 | 21 3 | 9 26 | 22 16 | 22 16 | 0 11 | 4 6 | 6 21 |
| M 7 | 22 45 | 23 27 | 0s33 | 19 21 | 2 53 | 17 16 | 1 24 | 6 28 | 1 28 | 2 28 | 1 9 | 13 34 | 1 25 | 23 3 | 0 3 | 10 26 | 1 43 | 21 3 | 9 26 | 22 16 | 22 15 | 0 8 | 4 6 | 6 21 |
| T 8 | 22 50 | 25 5 | 1 43 | 19 4 | 3 7 | 17 35 | 1 23 | 6 45 | 1 28 | 2 32 | 1 10 | 13 32 | 1 25 | 23 3 | 0 3 | 10 26 | 1 43 | 21 2 | 9 26 | 22 16 | 22 15 | 0 5 | 4 6 | 6 21 |
| W 9 | 22 55 | 25 21 | 2 48 | 18 47 | 3 19 | 17 54 | 1 21 | 7 2 | 1 28 | 2 35 | 1 10 | 13 31 | 1 25 | 23 3 | 0 3 | 10 26 | 1 43 | 21 2 | 9 25 | 22 16 | 22 15 | 0 2 | 4 5 | 6 22 |
| T 10 | 23 0 | 24 10 | 3 46 | 18 33 | 3 30 | 18 12 | 1 20 | 7 19 | 1 28 | 2 38 | 1 10 | 13 29 | 1 25 | 23 4 | 0 3 | 10 25 | 1 43 | 21 1 | 9 25 | 22 16 | 22 14 | 0s 1 | 4 5 | 6 22 |
| F 11 | 23 4 | 21 34 | 4 31 | 18 20 | 3 40 | 18 30 | 1 18 | 7 36 | 1 28 | 2 42 | 1 10 | 13 28 | 1 25 | 23 4 | 0 3 | 10 25 | 1 43 | 21 1 | 9 25 | 22 16 | 22 14 | 0 4 | 4 5 | 6 22 |
| S 12 | 23 8 | 17 43 | 5 2 | 18 8 | 3 49 | 18 47 | 1 16 | 7 52 | 1 28 | 2 45 | 1 10 | 13 26 | 1 25 | 23 4 | 0 3 | 10 25 | 1 43 | 21 0 | 9 25 | 22 16 | 22 13 | 0 7 | 4 5 | 6 23 |
| S 13 | 23 11 | 12 52 | 5 16 | 17 59 | 3 57 | 19 4 | 1 14 | 8 9 | 1 27 | 2 48 | 1 11 | 13 24 | 1 24 | 23 4 | 0 3 | 10 25 | 1 43 | 21 0 | 9 25 | 22 16 | 22 13 | 0 10 | 4 4 | 6 23 |
| M14 | 23 14 | 7 17 | 5 11 | 17 51 | 4 3 | 19 21 | 1 12 | 8 25 | 1 27 | 2 51 | 1 11 | 13 23 | 1 24 | 23 5 | 0 3 | 10 24 | 1 43 | 20 59 | 9 25 | 22 16 | 22 13 | 0 13 | 4 4 | 6 23 |
| T 15 | 23 17 | 1 17 | 4 46 | 17 45 | 4 8 | 19 37 | 1 10 | 8 41 | 1 27 | 2 54 | 1 11 | 13 21 | 1 24 | 23 5 | 0 3 | 10 24 | 1 43 | 20 59 | 9 24 | 22 16 | 22 12 | 0 16 | 4 4 | 6 24 |
| W16 | 23 19 | 4n50 | 4 4 | 17 41 | 4 12 | 19 52 | 1 8 | 8 58 | 1 27 | 2 57 | 1 11 | 13 19 | 1 24 | 23 5 | 0 3 | 10 24 | 1 43 | 20 58 | 9 24 | 22 16 | 22 12 | 0 19 | 4 4 | 6 24 |
| T 17 | 23 20 | 10 43 | 3 7 | 17 39 | 4 14 | 20 7 | 1 6 | 9 14 | 1 27 | 3 0 | 1 12 | 13 18 | 1 24 | 23 5 | 0 3 | 10 24 | 1 43 | 20 58 | 9 24 | 22 16 | 22 11 | 0 22 | 4 4 | 6 25 |
| F 18 | 23 22 | 16 1 | 1 58 | 17 38 | 4 15 | 20 22 | 1 4 | 9 30 | 1 27 | 3 3 | 1 12 | 13 16 | 1 24 | 23 6 | 0 3 | 10 23 | 1 43 | 20 57 | 9 24 | 22 16 | 22 11 | 0 25 | 4 4 | 6 25 |
| S 19 | 23 22 | 20 23 | 0 42 | 17 40 | 4 16 | 20 35 | 1 2 | 9 46 | 1 26 | 3 6 | 1 12 | 13 14 | 1 24 | 23 6 | 0 3 | 10 23 | 1 43 | 20 57 | 9 24 | 22 16 | 22 11 | 0 28 | 4 4 | 6 25 |
| S 20 | 23 23 | 23 31 | 0n35 | 17 43 | 4 15 | 20 49 | 1 0 | 10 1 | 1 26 | 3 9 | 1 12 | 13 12 | 1 24 | 23 6 | 0 3 | 10 23 | 1 43 | 20 56 | 9 24 | 22 16 | 22 10 | 0 31 | 4 4 | 6 26 |
| M21 | 23 23 | 25 10 | 1 49 | 17 48 | 4 13 | 21 1 | 0 58 | 10 17 | 1 26 | 3 11 | 1 13 | 13 11 | 1 24 | 23 6 | 0 3 | 10 23 | 1 43 | 20 56 | 9 23 | 22 16 | 22 10 | 0 34 | 4 3 | 6 26 |
| T 22 | 23 22 | 25 16 | 2 55 | 17 54 | 4 9 | 21 14 | 0 56 | 10 33 | 1 26 | 3 14 | 1 13 | 13 9 | 1 24 | 23 7 | 0 3 | 10 23 | 1 43 | 20 55 | 9 23 | 22 16 | 22 9 | 0 37 | 4 3 | 6 26 |
| W23 | 23 22 | 23 55 | 3 51 | 18 2 | 4 6 | 21 25 | 0 54 | 10 48 | 1 25 | 3 17 | 1 13 | 13 7 | 1 24 | 23 7 | 0 3 | 10 22 | 1 43 | 20 55 | 9 23 | 22 16 | 22 9 | 0 40 | 4 4 | 6 27 |
| T 24 | 23 20 | 21 20 | 4 33 | 18 11 | 4 1 | 21 36 | 0 51 | 11 3 | 1 25 | 3 19 | 1 13 | 13 5 | 1 24 | 23 7 | 0 3 | 10 22 | 1 42 | 20 54 | 9 23 | 22 15 | 22 8 | 0 43 | 4 4 | 6 27 |
| F 25 | 23 19 | 17 47 | 5 0 | 18 21 | 3 55 | 21 47 | 0 49 | 11 19 | 1 25 | 3 22 | 1 14 | 13 3 | 1 24 | 23 7 | 0 3 | 10 22 | 1 42 | 20 53 | 9 23 | 22 15 | 22 8 | 0 46 | 4 4 | 6 27 |
| S 26 | 23 17 | 13 33 | 5 13 | 18 33 | 3 48 | 21 56 | 0 47 | 11 34 | 1 25 | 3 24 | 1 14 | 13 1 | 1 24 | 23 8 | 0 3 | 10 22 | 1 42 | 20 53 | 9 23 | 22 14 | 22 8 | 0 49 | 4 4 | 6 27 |
| S 27 | 23 14 | 8 51 | 5 12 | 18 45 | 3 41 | 22 6 | 0 44 | 11 49 | 1 24 | 3 26 | 1 14 | 12 59 | 1 24 | 23 8 | 0 3 | 10 22 | 1 42 | 20 52 | 9 23 | 22 14 | 22 7 | 0 52 | 4 4 | 6 28 |
| M28 | 23 11 | 3 53 | 4 57 | 18 59 | 3 33 | 22 14 | 0 42 | 12 3 | 1 24 | 3 29 | 1 14 | 12 57 | 1 24 | 23 8 | 0 3 | 10 22 | 1 42 | 20 52 | 9 22 | 22 14 | 22 7 | 0 55 | 4 4 | 6 28 |
| T 29 | 23 8 | 1s11 | 4 29 | 19 13 | 3 25 | 22 22 | 0 40 | 12 18 | 1 24 | 3 31 | 1 15 | 12 55 | 1 24 | 23 8 | 0 3 | 10 22 | 1 42 | 20 51 | 9 22 | 22 14 | 22 6 | 0 58 | 4 4 | 6 28 |
| W30 | 23n 5 | 6s14 | 3n50 | 19n28 | 3s16 | 22n30 | 0s37 | 12n33 | 1s23 | 3n33 | 1s15 | 12n53 | 1n24 | 23n 9 | 0n 3 | 10s22 | 1n42 | 20n51 | 9n22 | 22n14 | 22n 6 | 1s 1 | 4s 4 | 6n29 |

Julian Day Number = 2615690.5, Delta T = 11m09s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'26, Lahiri = 30°08'27


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## JULY 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 18 38 28 | 9♋58'47 | 7♏22 | 17♊41 | 22♊45 | 7♉51 | 12♈ 1 | 29♌43 | 21♊17 | 1°R28 | 28♌13 | 12♊30 | 11♊22 | 12♎58 | 3°R41 | T 1 |
| F 2 | 18 42 25 | 10°56'02 | 19°28 | 18°46 | 23°58 | 8°34 | 12° 7 | 29°49 | 21°21 | 1♏28 | 28°14 | 12°32 | 11°19 | 13° 5 | 3♓40 | F 2 |
| S 3 | 18 46 21 | 11°53'16 | 1♐48 | 19°56 | 25°11 | 9°18 | 12°13 | 29°55 | 21°24 | 1°27 | 28°16 | 12°33 | 11°16 | 13°12 | 3°38 | S 3 |
| S 4 | 18 50 18 | 12°50'29 | 14°24 | 21° 9 | 26°25 | 10° 1 | 12°18 | 0♍ 1 | 21°27 | 1°27 | 28°17 | 12°R33 | 11°13 | 13°18 | 3°37 | S 4 |
| M 5 | 18 54 14 | 13°47'42 | 27°18 | 22°26 | 27°38 | 10°44 | 12°24 | 0° 7 | 21°31 | 1°27 | 28°18 | 12°33 | 11°10 | 13°25 | 3°35 | M 5 |
| T 6 | 18 58 11 | 14°44'55 | 10♑32 | 23°47 | 28°51 | 11°28 | 12°29 | 0°13 | 21°34 | 1°27 | 28°20 | 12°30 | 11° 6 | 13°32 | 3°33 | T 6 |
| W 7 | 19 2 7 | 15°42'08 | 24° 4 | 25°11 | 0♋ 4 | 12°11 | 12°34 | 0°19 | 21°37 | 1°26 | 28°21 | 12°26 | 11° 3 | 13°39 | 3°32 | W 7 |
| T 8 | 19 6 4 | 16°39'20 | 7♒53 | 26°39 | 1°17 | 12°54 | 12°39 | 0°26 | 21°41 | 1°26 | 28°23 | 12°22 | 11° 0 | 13°45 | 3°30 | T 8 |
| F 9 | 19 10 1 | 17°36'33 | 21°56 | 28°10 | 2°30 | 13°37 | 12°43 | 0°32 | 21°44 | 1°26 | 28°24 | 12°16 | 10°57 | 13°52 | 3°28 | F 9 |
| S 10 | 19 13 57 | 18°33'45 | 6♓ 7 | 29°45 | 3°44 | 14°20 | 12°48 | 0°38 | 21°47 | 1°26 | 28°26 | 12°11 | 10°54 | 13°59 | 3°26 | S 10 |
| S 11 | 19 17 54 | 19°30'57 | 20°23 | 1♋23 | 4°57 | 15° 3 | 12°52 | 0°44 | 21°50 | 1°26 | 28°27 | 12° 7 | 10°50 | 14° 5 | 3°24 | S 11 |
| M12 | 19 21 50 | 20°28'10 | 4♈40 | 3° 4 | 6°10 | 15°46 | 12°56 | 0°51 | 21°54 | 1°26 | 28°29 | 12° 5 | 10°47 | 14°12 | 3°22 | M12 |
| T 13 | 19 25 47 | 21°25'23 | 18°54 | 4°49 | 7°24 | 16°29 | 13° 0 | 0°57 | 21°57 | 1°D26 | 28°30 | 12°D 4 | 10°44 | 14°19 | 3°20 | T 13 |
| W14 | 19 29 43 | 22°22'36 | 3♉ 4 | 6°37 | 8°37 | 17°11 | 13° 4 | 1° 4 | 22° 0 | 1°26 | 28°32 | 12° 4 | 10°41 | 14°25 | 3°18 | W14 |
| T 15 | 19 33 40 | 23°19'50 | 17° 7 | 8°28 | 9°50 | 17°54 | 13° 8 | 1°10 | 22° 3 | 1°26 | 28°34 | 12° 5 | 10°38 | 14°32 | 3°16 | T 15 |
| F 16 | 19 37 36 | 24°17'04 | 1♊ 2 | 10°22 | 11° 4 | 18°36 | 13°11 | 1°17 | 22° 6 | 1°26 | 28°35 | 12° 6 | 10°35 | 14°39 | 3°13 | F 16 |
| S 17 | 19 41 33 | 25°14'19 | 14°49 | 12°18 | 12°17 | 19°19 | 13°14 | 1°24 | 22° 9 | 1°26 | 28°37 | 12°R 7 | 10°31 | 14°46 | 3°11 | S 17 |
| S 18 | 19 45 30 | 26°11'34 | 28°26 | 14°17 | 13°31 | 20° 1 | 13°17 | 1°30 | 22°12 | 1°26 | 28°39 | 12° 6 | 10°28 | 14°52 | 3° 9 | S 18 |
| M19 | 19 49 26 | 27° 8'49 | 11♋52 | 16°18 | 14°44 | 20°43 | 13°20 | 1°37 | 22°16 | 1°27 | 28°40 | 12° 2 | 10°25 | 14°59 | 3° 7 | M19 |
| T 20 | 19 53 23 | 28° 6'05 | 25° 5 | 18°21 | 15°58 | 21°26 | 13°23 | 1°44 | 22°19 | 1°27 | 28°42 | 11°57 | 10°22 | 15° 6 | 3° 4 | T 20 |
| W21 | 19 57 19 | 29° 3'21 | 8♌ 4 | 20°26 | 17°11 | 22° 8 | 13°25 | 1°51 | 22°22 | 1°27 | 28°44 | 11°50 | 10°19 | 15°12 | 3° 2 | W21 |
| T 22 | 20 1 16 | 0♌ 0'37 | 20°49 | 22°32 | 18°25 | 22°49 | 13°28 | 1°58 | 22°25 | 1°27 | 28°45 | 11°42 | 10°16 | 15°19 | 2°59 | T 22 |
| F 23 | 20 5 12 | 0°57'53 | 3♍19 | 24°39 | 19°38 | 23°31 | 13°30 | 2° 5 | 22°27 | 1°28 | 28°47 | 11°33 | 10°12 | 15°26 | 2°57 | F 23 |
| S 24 | 20 9 9 | 1°55'09 | 15°36 | 26°47 | 20°52 | 24°13 | 13°32 | 2°11 | 22°30 | 1°28 | 28°49 | 11°25 | 10° 9 | 15°32 | 2°54 | S 24 |
| S 25 | 20 13 5 | 2°52'26 | 27°41 | 28°56 | 22° 5 | 24°55 | 13°33 | 2°18 | 22°33 | 1°28 | 28°50 | 11°18 | 10° 6 | 15°39 | 2°52 | S 25 |
| M26 | 20 17 2 | 3°49'42 | 9♎37 | 1♌ 4 | 23°19 | 25°36 | 13°35 | 2°25 | 22°36 | 1°29 | 28°52 | 11°13 | 10° 3 | 15°46 | 2°49 | M26 |
| T 27 | 20 20 59 | 4°46'59 | 21°28 | 3°12 | 24°32 | 26°18 | 13°36 | 2°33 | 22°39 | 1°29 | 28°54 | 11°10 | 10° 0 | 15°53 | 2°46 | T 27 |
| W28 | 20 24 55 | 5°44'16 | 3♏19 | 5°20 | 25°46 | 26°59 | 13°37 | 2°40 | 22°42 | 1°30 | 28°56 | 11°D 9 | 9°56 | 15°59 | 2°44 | W28 |
| T 29 | 20 28 52 | 6°41'34 | 15°16 | 7°28 | 27° 0 | 27°40 | 13°38 | 2°47 | 22°45 | 1°30 | 28°57 | 11° 9 | 9°53 | 16° 6 | 2°41 | T 29 |
| F 30 | 20 32 48 | 7°38'51 | 27°22 | 9°34 | 28°13 | 28°21 | 13°39 | 2°54 | 22°47 | 1°31 | 28°59 | 11°10 | 9°50 | 16°13 | 2°38 | F 30 |
| S 31 | 20 36 45 | 8♌36'09 | 9♐43 | 11♌40 | 29♋27 | 29♉ 2 | 13♈39 | 3♍ 1 | 22♊50 | 1♏31 | 29♌ 1 | 11°R11 | 9♊47 | 16♎19 | 2♓35 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23n 0 | 11s 5 | 3n 1 | 19n44 | 3s 6 | 22n36 | 0s35 | 12n47 | 1s23 | 3n35 | 1s15 | 12n51 | 1n24 | 23n 9 | 0n 3 | 10s21 | 1n42 | 20n50 | 9n22 | 22n14 | 22n 5 | 1s 4 | 4s 5 | 6n29 |
| F 2 | 22 56 | 15 35 | 2 3 | 19 59 | 2 56 | 22 42 | 0 32 | 13 1 | 1 23 | 3 37 | 1 15 | 12 49 | 1 24 | 23 9 | 0 3 | 10 21 | 1 42 | 20 49 | 9 22 | 22 15 | 22 5 | 1 7 | 4 5 | 6 29 |
| S 3 | 22 51 | 19 31 | 0 59 | 20 15 | 2 45 | 22 48 | 0 30 | 13 15 | 1 22 | 3 39 | 1 16 | 12 47 | 1 24 | 23 9 | 0 3 | 10 21 | 1 42 | 20 49 | 9 22 | 22 15 | 22 5 | 1 10 | 4 5 | 6 30 |
| S 4 | 22 46 | 22 38 | 0s10 | 20 31 | 2 34 | 22 52 | 0 28 | 13 29 | 1 22 | 3 41 | 1 16 | 12 45 | 1 23 | 23 10 | 0 3 | 10 21 | 1 42 | 20 48 | 9 22 | 22 15 | 22 4 | 1 13 | 4 6 | 6 30 |
| M 5 | 22 40 | 24 41 | 1 20 | 20 48 | 2 23 | 22 57 | 0 25 | 13 43 | 1 21 | 3 43 | 1 16 | 12 42 | 1 23 | 23 10 | 0 3 | 10 21 | 1 42 | 20 48 | 9 22 | 22 15 | 22 4 | 1 16 | 4 6 | 6 30 |
| T 6 | 22 34 | 25 24 | 2 27 | 21 3 | 2 11 | 23 0 | 0 23 | 13 57 | 1 21 | 3 45 | 1 17 | 12 40 | 1 23 | 23 10 | 0 3 | 10 21 | 1 42 | 20 47 | 9 21 | 22 14 | 22 3 | 1 19 | 4 6 | 6 30 |
| W 7 | 22 28 | 24 39 | 3 27 | 21 19 | 1 59 | 23 3 | 0 20 | 14 10 | 1 21 | 3 46 | 1 17 | 12 38 | 1 23 | 23 10 | 0 3 | 10 21 | 1 42 | 20 46 | 9 21 | 22 14 | 22 3 | 1 22 | 4 7 | 6 31 |
| T 8 | 22 21 | 22 23 | 4 17 | 21 34 | 1 47 | 23 5 | 0 18 | 14 24 | 1 20 | 3 48 | 1 17 | 12 36 | 1 23 | 23 10 | 0 3 | 10 21 | 1 42 | 20 46 | 9 21 | 22 13 | 22 2 | 1 25 | 4 7 | 6 31 |
| F 9 | 22 14 | 18 45 | 4 51 | 21 48 | 1 34 | 23 6 | 0 15 | 14 37 | 1 20 | 3 50 | 1 17 | 12 34 | 1 23 | 23 11 | 0 3 | 10 21 | 1 42 | 20 45 | 9 21 | 22 13 | 22 2 | 1 28 | 4 7 | 6 31 |
| S 10 | 22 6 | 14 2 | 5 9 | 22 1 | 1 22 | 23 7 | 0 13 | 14 50 | 1 19 | 3 51 | 1 18 | 12 31 | 1 23 | 23 11 | 0 3 | 10 21 | 1 42 | 20 44 | 9 21 | 22 12 | 22 1 | 1 31 | 4 8 | 6 32 |
| S 11 | 21 58 | 8 31 | 5 7 | 22 13 | 1 9 | 23 7 | 0 10 | 15 3 | 1 19 | 3 52 | 1 18 | 12 29 | 1 23 | 23 11 | 0 3 | 10 21 | 1 42 | 20 44 | 9 21 | 22 11 | 22 1 | 1 34 | 4 8 | 6 32 |
| M12 | 21 50 | 2 33 | 4 47 | 22 24 | 0 57 | 23 7 | 0 8 | 15 16 | 1 18 | 3 54 | 1 18 | 12 27 | 1 23 | 23 11 | 0 3 | 10 21 | 1 42 | 20 43 | 9 21 | 22 11 | 22 1 | 1 37 | 4 9 | 6 32 |
| T 13 | 21 41 | 3n33 | 4 9 | 22 34 | 0 44 | 23 5 | 0 5 | 15 29 | 1 18 | 3 55 | 1 18 | 12 24 | 1 23 | 23 11 | 0 3 | 10 21 | 1 42 | 20 42 | 9 21 | 22 11 | 22 0 | 1 40 | 4 9 | 6 32 |
| W14 | 21 32 | 9 26 | 3 16 | 22 41 | 0 32 | 23 4 | 0 3 | 15 41 | 1 17 | 3 56 | 1 19 | 12 22 | 1 23 | 23 12 | 0 3 | 10 21 | 1 41 | 20 42 | 9 21 | 22 11 | 22 0 | 1 43 | 4 10 | 6 33 |
| T 15 | 21 22 | 14 48 | 2 11 | 22 47 | 0 19 | 23 1 | 0 0 | 15 54 | 1 17 | 3 57 | 1 19 | 12 20 | 1 23 | 23 12 | 0 3 | 10 21 | 1 41 | 20 41 | 9 21 | 22 11 | 21 59 | 1 46 | 4 10 | 6 33 |
| F 16 | 21 12 | 19 21 | 1 0 | 22 51 | 0 7 | 22 58 | 0n 2 | 16 6 | 1 16 | 3 58 | 1 19 | 12 17 | 1 23 | 23 12 | 0 3 | 10 22 | 1 41 | 20 41 | 9 20 | 22 11 | 21 59 | 1 49 | 4 11 | 6 33 |
| S 17 | 21 2 | 22 46 | 0n15 | 22 53 | 0n 4 | 22 54 | 0 5 | 16 18 | 1 16 | 3 59 | 1 20 | 12 15 | 1 23 | 23 12 | 0 3 | 10 22 | 1 41 | 20 40 | 9 20 | 22 11 | 21 58 | 1 52 | 4 11 | 6 33 |
| S 18 | 20 52 | 24 50 | 1 27 | 22 53 | 0 16 | 22 49 | 0 7 | 16 30 | 1 15 | 4 0 | 1 20 | 12 13 | 1 23 | 23 12 | 0 3 | 10 22 | 1 41 | 20 39 | 9 20 | 22 11 | 21 58 | 1 55 | 4 12 | 6 33 |
| M19 | 20 41 | 25 24 | 2 34 | 22 50 | 0 26 | 22 44 | 0 10 | 16 41 | 1 15 | 4 1 | 1 20 | 12 10 | 1 23 | 23 13 | 0 3 | 10 22 | 1 41 | 20 39 | 9 20 | 22 11 | 21 57 | 1 58 | 4 13 | 6 34 |
| T 20 | 20 30 | 24 31 | 3 31 | 22 44 | 0 37 | 22 38 | 0 12 | 16 53 | 1 14 | 4 2 | 1 20 | 12 8 | 1 23 | 23 13 | 0 3 | 10 22 | 1 41 | 20 38 | 9 20 | 22 10 | 21 57 | 2 1 | 4 13 | 6 34 |
| W21 | 20 18 | 22 19 | 4 16 | 22 36 | 0 46 | 22 31 | 0 15 | 17 4 | 1 14 | 4 3 | 1 21 | 12 5 | 1 23 | 23 13 | 0 3 | 10 22 | 1 41 | 20 37 | 9 20 | 22 9 | 21 56 | 2 4 | 4 14 | 6 34 |
| T 22 | 20 6 | 19 3 | 4 47 | 22 25 | 0 56 | 22 24 | 0 17 | 17 15 | 1 13 | 4 3 | 1 21 | 12 3 | 1 23 | 23 13 | 0 3 | 10 22 | 1 41 | 20 37 | 9 20 | 22 8 | 21 56 | 2 7 | 4 15 | 6 34 |
| F 23 | 19 54 | 14 59 | 5 3 | 22 11 | 1 4 | 22 16 | 0 19 | 17 26 | 1 13 | 4 4 | 1 21 | 12 0 | 1 23 | 23 13 | 0 3 | 10 22 | 1 41 | 20 36 | 9 20 | 22 7 | 21 56 | 2 11 | 4 15 | 6 34 |
| S 24 | 19 41 | 10 22 | 5 6 | 21 55 | 1 12 | 22 7 | 0 22 | 17 37 | 1 12 | 4 4 | 1 22 | 11 58 | 1 23 | 23 14 | 0 3 | 10 23 | 1 41 | 20 35 | 9 20 | 22 6 | 21 55 | 2 14 | 4 16 | 6 35 |
| S 25 | 19 28 | 5 25 | 4 54 | 21 36 | 1 19 | 21 58 | 0 24 | 17 48 | 1 11 | 4 5 | 1 22 | 11 55 | 1 23 | 23 14 | 0 3 | 10 23 | 1 41 | 20 35 | 9 20 | 22 5 | 21 55 | 2 17 | 4 17 | 6 35 |
| M26 | 19 15 | 0 21 | 4 30 | 21 15 | 1 25 | 21 48 | 0 26 | 17 58 | 1 11 | 4 5 | 1 22 | 11 53 | 1 23 | 23 14 | 0 3 | 10 23 | 1 41 | 20 34 | 9 20 | 22 4 | 21 54 | 2 20 | 4 18 | 6 35 |
| T 27 | 19 1 | 4s43 | 3 54 | 20 51 | 1 30 | 21 38 | 0 29 | 18 8 | 1 10 | 4 5 | 1 23 | 11 50 | 1 23 | 23 14 | 0 3 | 10 23 | 1 41 | 20 33 | 9 20 | 22 4 | 21 54 | 2 23 | 4 18 | 6 35 |
| W28 | 18 47 | 9 38 | 3 9 | 20 25 | 1 35 | 21 27 | 0 31 | 18 19 | 1 9 | 4 5 | 1 23 | 11 48 | 1 23 | 23 14 | 0 3 | 10 23 | 1 41 | 20 33 | 9 20 | 22 4 | 21 53 | 2 26 | 4 19 | 6 35 |
| T 29 | 18 33 | 14 14 | 2 14 | 19 57 | 1 39 | 21 15 | 0 33 | 18 29 | 1 9 | 4 5 | 1 23 | 11 45 | 1 23 | 23 14 | 0 3 | 10 24 | 1 41 | 20 32 | 9 20 | 22 4 | 21 53 | 2 29 | 4 20 | 6 35 |
| F 30 | 18 19 | 18 20 | 1 13 | 19 27 | 1 42 | 21 3 | 0 35 | 18 38 | 1 8 | 4 6 | 1 23 | 11 43 | 1 23 | 23 15 | 0 3 | 10 24 | 1 41 | 20 31 | 9 20 | 22 4 | 21 52 | 2 32 | 4 21 | 6 36 |
| S 31 | 18n 4 | 21s43 | 0n 8 | 18n55 | 1n44 | 20n50 | 0n37 | 18n48 | 1s 7 | 4n 5 | 1s24 | 11n40 | 1n23 | 23n15 | 0n 3 | 10s24 | 1n41 | 20n31 | 9n20 | 22n 4 | 21n52 | 2s35 | 4s22 | 6n36 |

Julian Day Number = 2615720.5, Delta T = 11m09s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'30, Lahiri = 30°08'31


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## AUGUST 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 40 41 | 9♌33'28 | 22♐24 | 13♌44 | 0♌41 | 29♉43 | 13♈40 | 3♍ 8 | 22♊53 | 1♏32 | 29♌ 3 | 11°R10 | 9♊44 | 16♎26 | 2°R32 | S 1 |
| M 2 | 20 44 38 | 10°30'47 | 5♑27 | 15°47 | 1°54 | 0♊24 | 13°R40 | 3°16 | 22°55 | 1°33 | 29° 5 | 11♊ 7 | 9°41 | 16°33 | 2♓30 | M 2 |
| T 3 | 20 48 34 | 11°28'06 | 18°55 | 17°49 | 3° 8 | 1° 4 | 13°40 | 3°23 | 22°58 | 1°33 | 29° 6 | 11° 3 | 9°37 | 16°39 | 2°27 | T 3 |
| W 4 | 20 52 31 | 12°25'26 | 2♒47 | 19°49 | 4°22 | 1°45 | 13°40 | 3°30 | 23° 1 | 1°34 | 29° 8 | 10°56 | 9°34 | 16°46 | 2°24 | W 4 |
| T 5 | 20 56 28 | 13°22'47 | 17° 0 | 21°48 | 5°36 | 2°25 | 13°39 | 3°38 | 23° 3 | 1°35 | 29°10 | 10°47 | 9°31 | 16°53 | 2°21 | T 5 |
| F 6 | 21 0 24 | 14°20'08 | 1♓30 | 23°45 | 6°49 | 3° 6 | 13°39 | 3°45 | 23° 6 | 1°36 | 29°12 | 10°37 | 9°28 | 16°59 | 2°18 | F 6 |
| S 7 | 21 4 21 | 15°17'30 | 16° 8 | 25°41 | 8° 3 | 3°46 | 13°38 | 3°52 | 23° 8 | 1°36 | 29°14 | 10°28 | 9°25 | 17° 6 | 2°15 | S 7 |
| S 8 | 21 8 17 | 16°14'53 | 0♈48 | 27°35 | 9°17 | 4°26 | 13°37 | 4° 0 | 23°11 | 1°37 | 29°16 | 10°20 | 9°22 | 17°13 | 2°12 | S 8 |
| M 9 | 21 12 14 | 17°12'17 | 15°23 | 29°27 | 10°31 | 5° 6 | 13°36 | 4° 7 | 23°13 | 1°38 | 29°17 | 10°14 | 9°18 | 17°20 | 2° 9 | M 9 |
| T 10 | 21 16 10 | 18° 9'42 | 29°47 | 1♍18 | 11°45 | 5°46 | 13°34 | 4°15 | 23°15 | 1°39 | 29°19 | 10°11 | 9°15 | 17°26 | 2° 6 | T 10 |
| W11 | 21 20 7 | 19° 7'08 | 13♉59 | 3° 7 | 12°59 | 6°25 | 13°32 | 4°22 | 23°18 | 1°40 | 29°21 | 10°D10 | 9°12 | 17°33 | 2° 3 | W11 |
| T 12 | 21 24 3 | 20° 4'36 | 27°55 | 4°55 | 14°13 | 7° 5 | 13°31 | 4°29 | 23°20 | 1°41 | 29°23 | 10°10 | 9° 9 | 17°40 | 2° 0 | T 12 |
| F 13 | 21 28 0 | 21° 2'05 | 11♊37 | 6°41 | 15°27 | 7°45 | 13°29 | 4°37 | 23°22 | 1°42 | 29°25 | 10°R10 | 9° 6 | 17°46 | 1°57 | F 13 |
| S 14 | 21 31 57 | 21°59'35 | 25° 5 | 8°25 | 16°41 | 8°24 | 13°26 | 4°45 | 23°25 | 1°43 | 29°27 | 10° 9 | 9° 2 | 17°53 | 1°53 | S 14 |
| S 15 | 21 35 53 | 22°57'07 | 8♋21 | 10° 8 | 17°55 | 9° 3 | 13°24 | 4°52 | 23°27 | 1°44 | 29°29 | 10° 6 | 8°59 | 18° 0 | 1°50 | S 15 |
| M16 | 21 39 50 | 23°54'40 | 21°24 | 11°49 | 19° 9 | 9°42 | 13°21 | 5° 0 | 23°29 | 1°45 | 29°31 | 10° 1 | 8°56 | 18° 6 | 1°47 | M16 |
| T 17 | 21 43 46 | 24°52'13 | 4♌17 | 13°29 | 20°23 | 10°21 | 13°19 | 5° 7 | 23°31 | 1°46 | 29°33 | 9°52 | 8°53 | 18°13 | 1°44 | T 17 |
| W18 | 21 47 43 | 25°49'49 | 16°58 | 15° 7 | 21°37 | 11° 0 | 13°16 | 5°15 | 23°33 | 1°47 | 29°34 | 9°41 | 8°50 | 18°20 | 1°41 | W18 |
| T 19 | 21 51 39 | 26°47'25 | 29°28 | 16°44 | 22°51 | 11°38 | 13°13 | 5°22 | 23°35 | 1°48 | 29°36 | 9°29 | 8°47 | 18°26 | 1°38 | T 19 |
| F 20 | 21 55 36 | 27°45'02 | 11♍47 | 18°19 | 24° 5 | 12°17 | 13° 9 | 5°30 | 23°37 | 1°49 | 29°38 | 9°16 | 8°43 | 18°33 | 1°35 | F 20 |
| S 21 | 21 59 32 | 28°42'40 | 23°56 | 19°52 | 25°19 | 12°55 | 13° 6 | 5°38 | 23°39 | 1°51 | 29°40 | 9° 3 | 8°40 | 18°40 | 1°31 | S 21 |
| S 22 | 22 3 29 | 29°40'20 | 5♎56 | 21°24 | 26°33 | 13°33 | 13° 2 | 5°45 | 23°41 | 1°52 | 29°42 | 8°52 | 8°37 | 18°47 | 1°28 | S 22 |
| M23 | 22 7 26 | 0♍38'00 | 17°48 | 22°54 | 27°47 | 14°11 | 12°58 | 5°53 | 23°43 | 1°53 | 29°44 | 8°43 | 8°34 | 18°53 | 1°25 | M23 |
| T 24 | 22 11 22 | 1°35'42 | 29°37 | 24°23 | 29° 2 | 14°49 | 12°54 | 6° 0 | 23°44 | 1°54 | 29°46 | 8°37 | 8°31 | 19° 0 | 1°22 | T 24 |
| W25 | 22 15 19 | 2°33'25 | 11♏27 | 25°51 | 0♍16 | 15°27 | 12°50 | 6° 8 | 23°46 | 1°56 | 29°48 | 8°34 | 8°28 | 19° 7 | 1°19 | W25 |
| T 26 | 22 19 15 | 3°31'08 | 23°20 | 27°16 | 1°30 | 16° 4 | 12°45 | 6°16 | 23°48 | 1°57 | 29°50 | 8°32 | 8°24 | 19°13 | 1°16 | T 26 |
| F 27 | 22 23 12 | 4°28'53 | 5♐24 | 28°40 | 2°44 | 16°42 | 12°41 | 6°23 | 23°50 | 1°58 | 29°51 | 8°32 | 8°21 | 19°20 | 1°12 | F 27 |
| S 28 | 22 27 8 | 5°26'39 | 17°43 | 0♎ 3 | 3°58 | 17°19 | 12°36 | 6°31 | 23°51 | 2° 0 | 29°53 | 8°32 | 8°18 | 19°27 | 1° 9 | S 28 |
| S 29 | 22 31 5 | 6°24'26 | 0♑23 | 1°24 | 5°13 | 17°56 | 12°31 | 6°39 | 23°53 | 2° 1 | 29°55 | 8°31 | 8°15 | 19°33 | 1° 6 | S 29 |
| M30 | 22 35 1 | 7°22'14 | 13°28 | 2°43 | 6°27 | 18°33 | 12°26 | 6°46 | 23°54 | 2° 3 | 29°57 | 8°28 | 8°12 | 19°40 | 1° 3 | M30 |
| T 31 | 22 38 58 | 8♍20'04 | 27♑ 0 | 4♎ 0 | 7♍41 | 19♊ 9 | 12♈21 | 6♍54 | 23♊56 | 2♏ 4 | 29♌59 | 8♊22 | 8♊ 8 | 19♎47 | 1♓ 0 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17n49 | 24s 9 | 1s 0 | 18n21 | 1n46 | 20n36 | 0n40 | 18n57 | 1s 7 | 4n 5 | 1s24 | 11n37 | 1n23 | 23n15 | 0n 3 | 10s24 | 1n41 | 20n30 | 9n20 | 22n 4 | 21n51 | 2s38 | 4s23 | 6n36 |
| M 2 | 17 34 | 25 22 | 2 6 | 17 46 | 1 47 | 20 22 | 0 42 | 19 6 | 1 6 | 4 5 | 1 24 | 11 35 | 1 23 | 23 15 | 0 3 | 10 25 | 1 40 | 20 29 | 9 20 | 22 3 | 21 51 | 2 41 | 4 24 | 6 36 |
| T 3 | 17 18 | 25 8 | 3 7 | 17 9 | 1 47 | 20 7 | 0 44 | 19 16 | 1 5 | 4 5 | 1 25 | 11 32 | 1 23 | 23 15 | 0 3 | 10 25 | 1 40 | 20 29 | 9 20 | 22 3 | 21 50 | 2 44 | 4 24 | 6 36 |
| W 4 | 17 2 | 23 22 | 3 59 | 16 31 | 1 46 | 19 52 | 0 46 | 19 24 | 1 5 | 4 4 | 1 25 | 11 30 | 1 23 | 23 15 | 0 3 | 10 25 | 1 40 | 20 28 | 9 20 | 22 2 | 21 50 | 2 47 | 4 25 | 6 36 |
| T 5 | 16 46 | 20 7 | 4 38 | 15 52 | 1 45 | 19 36 | 0 48 | 19 33 | 1 4 | 4 4 | 1 25 | 11 27 | 1 23 | 23 15 | 0 3 | 10 26 | 1 40 | 20 27 | 9 20 | 22 0 | 21 49 | 2 50 | 4 26 | 6 36 |
| F 6 | 16 29 | 15 34 | 4 59 | 15 12 | 1 43 | 19 19 | 0 50 | 19 42 | 1 3 | 4 4 | 1 25 | 11 24 | 1 23 | 23 16 | 0 3 | 10 26 | 1 40 | 20 27 | 9 20 | 21 59 | 21 49 | 2 53 | 4 27 | 6 36 |
| S 7 | 16 13 | 10 5 | 5 2 | 14 31 | 1 41 | 19 2 | 0 52 | 19 50 | 1 2 | 4 3 | 1 26 | 11 22 | 1 23 | 23 16 | 0 3 | 10 26 | 1 40 | 20 26 | 9 20 | 21 58 | 21 49 | 2 56 | 4 28 | 6 36 |
| S 8 | 15 56 | 4 2 | 4 44 | 13 49 | 1 38 | 18 45 | 0 53 | 19 58 | 1 2 | 4 2 | 1 26 | 11 19 | 1 23 | 23 16 | 0 3 | 10 26 | 1 40 | 20 25 | 9 20 | 21 57 | 21 48 | 2 59 | 4 29 | 6 36 |
| M 9 | 15 38 | 2n13 | 4 8 | 13 7 | 1 34 | 18 27 | 0 55 | 20 6 | 1 1 | 4 2 | 1 26 | 11 16 | 1 23 | 23 16 | 0 3 | 10 27 | 1 40 | 20 25 | 9 20 | 21 56 | 21 48 | 3 2 | 4 30 | 6 37 |
| T 10 | 15 21 | 8 18 | 3 17 | 12 24 | 1 30 | 18 8 | 0 57 | 20 14 | 1 0 | 4 1 | 1 27 | 11 14 | 1 23 | 23 16 | 0 4 | 10 27 | 1 40 | 20 24 | 9 20 | 21 55 | 21 47 | 3 5 | 4 31 | 6 37 |
| W11 | 15 3 | 13 51 | 2 14 | 11 40 | 1 26 | 17 49 | 0 59 | 20 21 | 0 59 | 4 0 | 1 27 | 11 11 | 1 23 | 23 16 | 0 4 | 10 28 | 1 40 | 20 23 | 9 20 | 21 55 | 21 47 | 3 8 | 4 32 | 6 37 |
| T 12 | 14 45 | 18 36 | 1 5 | 10 57 | 1 21 | 17 29 | 1 0 | 20 29 | 0 58 | 3 59 | 1 27 | 11 8 | 1 23 | 23 16 | 0 4 | 10 28 | 1 40 | 20 23 | 9 20 | 21 55 | 21 46 | 3 11 | 4 33 | 6 37 |
| F 13 | 14 27 | 22 15 | 0n 8 | 10 13 | 1 16 | 17 9 | 1 2 | 20 36 | 0 58 | 3 58 | 1 27 | 11 5 | 1 24 | 23 17 | 0 4 | 10 28 | 1 40 | 20 22 | 9 20 | 21 55 | 21 46 | 3 14 | 4 34 | 6 37 |
| S 14 | 14 9 | 24 36 | 1 18 | 9 29 | 1 10 | 16 49 | 1 4 | 20 43 | 0 57 | 3 57 | 1 28 | 11 3 | 1 24 | 23 17 | 0 4 | 10 29 | 1 40 | 20 21 | 9 20 | 21 55 | 21 45 | 3 17 | 4 35 | 6 37 |
| S 15 | 13 50 | 25 30 | 2 23 | 8 44 | 1 4 | 16 28 | 1 5 | 20 50 | 0 56 | 3 56 | 1 28 | 11 0 | 1 24 | 23 17 | 0 4 | 10 29 | 1 40 | 20 21 | 9 20 | 21 55 | 21 45 | 3 20 | 4 37 | 6 37 |
| M16 | 13 31 | 24 58 | 3 20 | 8 0 | 0 58 | 16 6 | 1 7 | 20 57 | 0 55 | 3 54 | 1 28 | 10 57 | 1 24 | 23 17 | 0 4 | 10 30 | 1 40 | 20 20 | 9 20 | 21 54 | 21 44 | 3 23 | 4 38 | 6 37 |
| T 17 | 13 12 | 23 7 | 4 5 | 7 16 | 0 51 | 15 44 | 1 8 | 21 3 | 0 54 | 3 53 | 1 28 | 10 55 | 1 24 | 23 17 | 0 4 | 10 30 | 1 40 | 20 20 | 9 20 | 21 53 | 21 44 | 3 26 | 4 39 | 6 37 |
| W18 | 12 53 | 20 7 | 4 37 | 6 32 | 0 44 | 15 22 | 1 10 | 21 10 | 0 53 | 3 52 | 1 29 | 10 52 | 1 24 | 23 17 | 0 4 | 10 30 | 1 40 | 20 19 | 9 20 | 21 51 | 21 43 | 3 29 | 4 40 | 6 37 |
| T 19 | 12 33 | 16 15 | 4 56 | 5 48 | 0 37 | 14 59 | 1 11 | 21 16 | 0 52 | 3 50 | 1 29 | 10 49 | 1 24 | 23 17 | 0 4 | 10 31 | 1 40 | 20 18 | 9 20 | 21 49 | 21 43 | 3 32 | 4 41 | 6 37 |
| F 20 | 12 14 | 11 45 | 5 0 | 5 4 | 0 29 | 14 36 | 1 12 | 21 22 | 0 51 | 3 49 | 1 29 | 10 46 | 1 24 | 23 17 | 0 4 | 10 31 | 1 40 | 20 18 | 9 20 | 21 47 | 21 42 | 3 36 | 4 42 | 6 37 |
| S 21 | 11 54 | 6 51 | 4 50 | 4 20 | 0 22 | 14 12 | 1 13 | 21 28 | 0 50 | 3 47 | 1 29 | 10 44 | 1 24 | 23 17 | 0 4 | 10 32 | 1 40 | 20 17 | 9 20 | 21 45 | 21 42 | 3 39 | 4 43 | 6 37 |
| S 22 | 11 34 | 1 45 | 4 28 | 3 37 | 0 14 | 13 48 | 1 15 | 21 33 | 0 49 | 3 45 | 1 30 | 10 41 | 1 24 | 23 18 | 0 4 | 10 32 | 1 39 | 20 16 | 9 20 | 21 44 | 21 41 | 3 42 | 4 44 | 6 37 |
| M23 | 11 13 | 3s22 | 3 54 | 2 53 | 0 5 | 13 24 | 1 16 | 21 39 | 0 48 | 3 44 | 1 30 | 10 38 | 1 24 | 23 18 | 0 4 | 10 33 | 1 39 | 20 16 | 9 20 | 21 42 | 21 41 | 3 45 | 4 46 | 6 37 |
| T 24 | 10 53 | 8 21 | 3 10 | 2 11 | 0s 3 | 12 59 | 1 17 | 21 44 | 0 48 | 3 42 | 1 30 | 10 35 | 1 24 | 23 18 | 0 4 | 10 33 | 1 39 | 20 15 | 9 20 | 21 41 | 21 40 | 3 48 | 4 47 | 6 36 |
| W25 | 10 32 | 13 2 | 2 18 | 1 28 | 0 12 | 12 34 | 1 18 | 21 49 | 0 47 | 3 40 | 1 30 | 10 33 | 1 24 | 23 18 | 0 4 | 10 34 | 1 39 | 20 15 | 9 20 | 21 41 | 21 40 | 3 51 | 4 48 | 6 36 |
| T 26 | 10 12 | 17 17 | 1 20 | 0 46 | 0 20 | 12 8 | 1 19 | 21 54 | 0 46 | 3 38 | 1 31 | 10 30 | 1 24 | 23 18 | 0 4 | 10 34 | 1 39 | 20 14 | 9 21 | 21 40 | 21 39 | 3 54 | 4 49 | 6 36 |
| F 27 | 9 51 | 20 53 | 0 17 | 0 5 | 0 29 | 11 43 | 1 19 | 21 59 | 0 45 | 3 36 | 1 31 | 10 27 | 1 24 | 23 18 | 0 4 | 10 35 | 1 39 | 20 13 | 9 21 | 21 40 | 21 39 | 3 57 | 4 50 | 6 36 |
| S 28 | 9 30 | 23 37 | 0s48 | 0s36 | 0 38 | 11 16 | 1 20 | 22 3 | 0 43 | 3 34 | 1 31 | 10 24 | 1 24 | 23 18 | 0 4 | 10 35 | 1 39 | 20 13 | 9 21 | 21 40 | 21 38 | 4 0 | 4 51 | 6 36 |
| S 29 | 9 8 | 25 16 | 1 53 | 1 17 | 0 47 | 10 50 | 1 21 | 22 8 | 0 42 | 3 32 | 1 31 | 10 21 | 1 24 | 23 18 | 0 4 | 10 36 | 1 39 | 20 12 | 9 21 | 21 40 | 21 38 | 4 3 | 4 53 | 6 36 |
| M30 | 8 47 | 25 35 | 2 53 | 1 56 | 0 56 | 10 23 | 1 22 | 22 12 | 0 41 | 3 30 | 1 32 | 10 19 | 1 24 | 23 18 | 0 4 | 10 36 | 1 39 | 20 12 | 9 21 | 21 40 | 21 37 | 4 6 | 4 54 | 6 36 |
| T 31 | 8n25 | 24s24 | 3s46 | 2s35 | 1s 6 | 9n56 | 1n22 | 22n16 | 0s40 | 3n27 | 1s32 | 10n16 | 1n24 | 23n18 | 0n 4 | 10s37 | 1n39 | 20n11 | 9n21 | 21n39 | 21n37 | 4s 9 | 4s55 | 6n36 |

Julian Day Number = 2615751.5, Delta T = 11m10s
Ecliptic obliquity = 23°22'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'35, Lahiri = 30°08'35


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## SEPTEMBER 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 22 42 55 | 9♍17'55 | 11♒ 1 | 5♎16 | 8♍56 | 19♊46 | 12°R15 | 7♍ 2 | 23♊57 | 2♏ 6 | 0♍ 1 | 8°R14 | 8♊ 5 | 19♎53 | 0°R57 | W 1 |
| T 2 | 22 46 51 | 10°15'46 | 25°29 | 6°29 | 10°10 | 20°22 | 12♈10 | 7° 9 | 23°59 | 2° 7 | 0° 3 | 8♊ 4 | 8° 2 | 20° 0 | 0♓54 | T 2 |
| F 3 | 22 50 48 | 11°13'40 | 10♓17 | 7°41 | 11°24 | 20°58 | 12° 4 | 7°17 | 24° 0 | 2° 9 | 0° 5 | 7°53 | 7°59 | 20° 7 | 0°50 | F 3 |
| S 4 | 22 54 44 | 12°11'34 | 25°17 | 8°51 | 12°38 | 21°34 | 11°58 | 7°25 | 24° 1 | 2°10 | 0° 7 | 7°42 | 7°56 | 20°14 | 0°47 | S 4 |
| S 5 | 22 58 41 | 13° 9'31 | 10♈21 | 9°59 | 13°53 | 22°10 | 11°52 | 7°32 | 24° 3 | 2°12 | 0° 8 | 7°32 | 7°53 | 20°20 | 0°44 | S 5 |
| M 6 | 23 2 37 | 14° 7'29 | 25°17 | 11° 4 | 15° 7 | 22°46 | 11°46 | 7°40 | 24° 4 | 2°13 | 0°10 | 7°25 | 7°49 | 20°27 | 0°41 | M 6 |
| T 7 | 23 6 34 | 15° 5'28 | 9♉59 | 12° 7 | 16°22 | 23°21 | 11°40 | 7°47 | 24° 5 | 2°15 | 0°12 | 7°21 | 7°46 | 20°34 | 0°38 | T 7 |
| W 8 | 23 10 30 | 16° 3'30 | 24°22 | 13° 8 | 17°36 | 23°56 | 11°33 | 7°55 | 24° 6 | 2°17 | 0°14 | 7°19 | 7°43 | 20°40 | 0°35 | W 8 |
| T 9 | 23 14 27 | 17° 1'34 | 8♊23 | 14° 6 | 18°50 | 24°32 | 11°27 | 8° 3 | 24° 7 | 2°18 | 0°16 | 7°D18 | 7°40 | 20°47 | 0°32 | T 9 |
| F 10 | 23 18 24 | 17°59'40 | 22° 3 | 15° 1 | 20° 5 | 25° 6 | 11°20 | 8°10 | 24° 8 | 2°20 | 0°18 | 7°R18 | 7°37 | 20°54 | 0°29 | F 10 |
| S 11 | 23 22 20 | 18°57'47 | 5♋23 | 15°54 | 21°19 | 25°41 | 11°13 | 8°18 | 24° 9 | 2°22 | 0°19 | 7°18 | 7°33 | 21° 0 | 0°26 | S 11 |
| S 12 | 23 26 17 | 19°55'57 | 18°26 | 16°43 | 22°34 | 26°15 | 11° 6 | 8°25 | 24°10 | 2°24 | 0°21 | 7°15 | 7°30 | 21° 7 | 0°23 | S 12 |
| M13 | 23 30 13 | 20°54'08 | 1♌14 | 17°30 | 23°48 | 26°50 | 10°59 | 8°33 | 24°11 | 2°25 | 0°23 | 7° 9 | 7°27 | 21°14 | 0°20 | M13 |
| T 14 | 23 34 10 | 21°52'22 | 13°49 | 18°12 | 25° 3 | 27°24 | 10°52 | 8°41 | 24°12 | 2°27 | 0°25 | 7° 1 | 7°24 | 21°20 | 0°18 | T 14 |
| W15 | 23 38 6 | 22°50'37 | 26°14 | 18°51 | 26°17 | 27°57 | 10°45 | 8°48 | 24°12 | 2°29 | 0°27 | 6°50 | 7°21 | 21°27 | 0°15 | W15 |
| T 16 | 23 42 3 | 23°48'54 | 8♍30 | 19°26 | 27°32 | 28°31 | 10°38 | 8°56 | 24°13 | 2°31 | 0°28 | 6°38 | 7°18 | 21°34 | 0°12 | T 16 |
| F 17 | 23 45 59 | 24°47'13 | 20°37 | 19°57 | 28°46 | 29° 4 | 10°30 | 9° 3 | 24°14 | 2°33 | 0°30 | 6°25 | 7°14 | 21°40 | 0° 9 | F 17 |
| S 18 | 23 49 56 | 25°45'34 | 2♎38 | 20°22 | 0♎ 1 | 29°37 | 10°23 | 9°10 | 24°14 | 2°34 | 0°32 | 6°12 | 7°11 | 21°47 | 0° 6 | S 18 |
| S 19 | 23 53 52 | 26°43'56 | 14°32 | 20°43 | 1°15 | 0♋10 | 10°15 | 9°18 | 24°15 | 2°36 | 0°34 | 6° 1 | 7° 8 | 21°54 | 0° 4 | S 19 |
| M20 | 23 57 49 | 27°42'20 | 26°21 | 20°59 | 2°30 | 0°43 | 10° 8 | 9°25 | 24°15 | 2°38 | 0°35 | 5°52 | 7° 5 | 22° 0 | 0° 1 | M20 |
| T 21 | 0 1 46 | 28°40'46 | 8♏ 9 | 21° 9 | 3°45 | 1°15 | 10° 0 | 9°33 | 24°16 | 2°40 | 0°37 | 5°46 | 7° 2 | 22° 7 | 29♒58 | T 21 |
| W22 | 0 5 42 | 29°39'14 | 19°57 | 21°R14 | 4°59 | 1°47 | 9°52 | 9°40 | 24°16 | 2°42 | 0°39 | 5°42 | 6°59 | 22°14 | 29°56 | W22 |
| T 23 | 0 9 39 | 0♎37'43 | 1♐51 | 21°11 | 6°14 | 2°19 | 9°44 | 9°47 | 24°17 | 2°44 | 0°41 | 5°D41 | 6°55 | 22°21 | 29°53 | T 23 |
| F 24 | 0 13 35 | 1°36'14 | 13°53 | 21° 3 | 7°28 | 2°50 | 9°36 | 9°55 | 24°17 | 2°46 | 0°42 | 5°41 | 6°52 | 22°27 | 29°51 | F 24 |
| S 25 | 0 17 32 | 2°34'46 | 26°10 | 20°47 | 8°43 | 3°22 | 9°29 | 10° 2 | 24°17 | 2°48 | 0°44 | 5°42 | 6°49 | 22°34 | 29°48 | S 25 |
| S 26 | 0 21 28 | 3°33'21 | 8♑46 | 20°25 | 9°57 | 3°53 | 9°21 | 10° 9 | 24°17 | 2°50 | 0°46 | 5°R42 | 6°46 | 22°41 | 29°46 | S 26 |
| M27 | 0 25 25 | 4°31'57 | 21°46 | 19°55 | 11°12 | 4°23 | 9°13 | 10°17 | 24°18 | 2°52 | 0°47 | 5°40 | 6°43 | 22°47 | 29°43 | M27 |
| T 28 | 0 29 21 | 5°30'34 | 5♒15 | 19°19 | 12°27 | 4°54 | 9° 5 | 10°24 | 24°18 | 2°54 | 0°49 | 5°37 | 6°39 | 22°54 | 29°41 | T 28 |
| W29 | 0 33 18 | 6°29'13 | 19°13 | 18°35 | 13°41 | 5°24 | 8°57 | 10°31 | 24°R18 | 2°56 | 0°51 | 5°31 | 6°36 | 23° 1 | 29°38 | W29 |
| T 30 | 0 37 15 | 7♎27'54 | 3♓40 | 17♎46 | 14♎56 | 5♋54 | 8♈49 | 10♍38 | 24♊18 | 2♏58 | 0♍52 | 5♊23 | 6♊33 | 23♎ 7 | 29♒36 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n 4 | 21s43 | 4s28 | 3s14 | 1s15 | 9n29 | 1n23 | 22n20 | 0s39 | 3n25 | 1s32 | 10n13 | 1n25 | 23n18 | 0n 4 | 10s37 | 1n39 | 20n10 | 9n21 | 21n38 | 21n36 | 4s12 | 4s56 | 6n36 |
| T 2 | 7 42 | 17 36 | 4 53 | 3 52 | 1 24 | 9 2 | 1 23 | 22 24 | 0 38 | 3 23 | 1 32 | 10 10 | 1 25 | 23 18 | 0 4 | 10 38 | 1 39 | 20 10 | 9 21 | 21 36 | 21 36 | 4 15 | 4 57 | 6 36 |
| F 3 | 7 20 | 12 19 | 5 0 | 4 29 | 1 34 | 8 34 | 1 24 | 22 28 | 0 37 | 3 20 | 1 32 | 10 8 | 1 25 | 23 19 | 0 4 | 10 38 | 1 39 | 20 9 | 9 21 | 21 34 | 21 35 | 4 18 | 4 59 | 6 35 |
| S 4 | 6 58 | 6 15 | 4 47 | 5 5 | 1 43 | 8 6 | 1 24 | 22 31 | 0 36 | 3 18 | 1 33 | 10 5 | 1 25 | 23 19 | 0 4 | 10 39 | 1 39 | 20 9 | 9 22 | 21 32 | 21 35 | 4 21 | 5 0 | 6 35 |
| S 5 | 6 36 | 0n12 | 4 13 | 5 40 | 1 52 | 7 37 | 1 24 | 22 34 | 0 35 | 3 15 | 1 33 | 10 2 | 1 25 | 23 19 | 0 4 | 10 40 | 1 39 | 20 8 | 9 22 | 21 31 | 21 34 | 4 24 | 5 1 | 6 35 |
| M 6 | 6 14 | 6 37 | 3 22 | 6 14 | 2 1 | 7 9 | 1 25 | 22 37 | 0 34 | 3 13 | 1 33 | 9 59 | 1 25 | 23 19 | 0 4 | 10 40 | 1 39 | 20 8 | 9 22 | 21 30 | 21 34 | 4 27 | 5 2 | 6 35 |
| T 7 | 5 52 | 12 34 | 2 19 | 6 47 | 2 11 | 6 40 | 1 25 | 22 40 | 0 33 | 3 10 | 1 33 | 9 57 | 1 25 | 23 19 | 0 4 | 10 41 | 1 39 | 20 7 | 9 22 | 21 29 | 21 33 | 4 30 | 5 3 | 6 35 |
| W 8 | 5 29 | 17 43 | 1 8 | 7 19 | 2 20 | 6 12 | 1 25 | 22 43 | 0 31 | 3 8 | 1 33 | 9 54 | 1 25 | 23 19 | 0 4 | 10 41 | 1 39 | 20 7 | 9 22 | 21 29 | 21 33 | 4 33 | 5 5 | 6 35 |
| T 9 | 5 7 | 21 45 | 0n 6 | 7 50 | 2 29 | 5 42 | 1 25 | 22 46 | 0 30 | 3 5 | 1 34 | 9 51 | 1 25 | 23 19 | 0 4 | 10 42 | 1 39 | 20 6 | 9 22 | 21 29 | 21 32 | 4 36 | 5 6 | 6 34 |
| F 10 | 4 44 | 24 26 | 1 17 | 8 20 | 2 38 | 5 13 | 1 25 | 22 49 | 0 29 | 3 2 | 1 34 | 9 48 | 1 25 | 23 19 | 0 4 | 10 43 | 1 39 | 20 5 | 9 22 | 21 29 | 21 32 | 4 39 | 5 7 | 6 34 |
| S 11 | 4 21 | 25 39 | 2 23 | 8 48 | 2 46 | 4 44 | 1 25 | 22 51 | 0 28 | 2 59 | 1 34 | 9 46 | 1 25 | 23 19 | 0 4 | 10 43 | 1 39 | 20 5 | 9 22 | 21 29 | 21 31 | 4 42 | 5 8 | 6 34 |
| S 12 | 3 59 | 25 24 | 3 19 | 9 15 | 2 55 | 4 14 | 1 25 | 22 53 | 0 26 | 2 56 | 1 34 | 9 43 | 1 25 | 23 19 | 0 4 | 10 44 | 1 39 | 20 4 | 9 23 | 21 28 | 21 31 | 4 46 | 5 10 | 6 34 |
| M13 | 3 36 | 23 49 | 4 5 | 9 40 | 3 3 | 3 45 | 1 24 | 22 55 | 0 25 | 2 54 | 1 34 | 9 40 | 1 26 | 23 19 | 0 4 | 10 44 | 1 39 | 20 4 | 9 23 | 21 27 | 21 30 | 4 49 | 5 11 | 6 34 |
| T 14 | 3 13 | 21 3 | 4 37 | 10 4 | 3 11 | 3 15 | 1 24 | 22 57 | 0 24 | 2 51 | 1 34 | 9 37 | 1 26 | 23 19 | 0 4 | 10 45 | 1 39 | 20 3 | 9 23 | 21 26 | 21 30 | 4 52 | 5 12 | 6 33 |
| W15 | 2 50 | 17 23 | 4 56 | 10 26 | 3 19 | 2 45 | 1 24 | 22 59 | 0 23 | 2 48 | 1 34 | 9 35 | 1 26 | 23 19 | 0 4 | 10 46 | 1 39 | 20 3 | 9 23 | 21 24 | 21 29 | 4 55 | 5 13 | 6 33 |
| T 16 | 2 27 | 13 1 | 5 1 | 10 46 | 3 26 | 2 15 | 1 23 | 23 1 | 0 21 | 2 45 | 1 35 | 9 32 | 1 26 | 23 19 | 0 4 | 10 46 | 1 39 | 20 2 | 9 23 | 21 22 | 21 29 | 4 58 | 5 14 | 6 33 |
| F 17 | 2 4 | 8 11 | 4 52 | 11 4 | 3 33 | 1 45 | 1 23 | 23 3 | 0 20 | 2 42 | 1 35 | 9 29 | 1 26 | 23 19 | 0 4 | 10 47 | 1 38 | 20 2 | 9 23 | 21 20 | 21 28 | 5 1 | 5 16 | 6 33 |
| S 18 | 1 41 | 3 6 | 4 30 | 11 19 | 3 39 | 1 15 | 1 22 | 23 4 | 0 19 | 2 39 | 1 35 | 9 26 | 1 26 | 23 19 | 0 4 | 10 48 | 1 38 | 20 2 | 9 24 | 21 17 | 21 27 | 5 4 | 5 17 | 6 32 |
| S 19 | 1 18 | 2s 4 | 3 57 | 11 33 | 3 45 | 0 45 | 1 22 | 23 6 | 0 17 | 2 36 | 1 35 | 9 24 | 1 26 | 23 19 | 0 4 | 10 48 | 1 38 | 20 1 | 9 24 | 21 16 | 21 27 | 5 7 | 5 18 | 6 32 |
| M20 | 0 55 | 7 9 | 3 13 | 11 43 | 3 50 | 0 15 | 1 21 | 23 7 | 0 16 | 2 33 | 1 35 | 9 21 | 1 26 | 23 19 | 0 4 | 10 49 | 1 38 | 20 1 | 9 24 | 21 14 | 21 26 | 5 10 | 5 19 | 6 32 |
| T 21 | 0 31 | 11 58 | 2 21 | 11 51 | 3 54 | 0s15 | 1 20 | 23 8 | 0 15 | 2 30 | 1 35 | 9 18 | 1 26 | 23 20 | 0 4 | 10 50 | 1 38 | 20 0 | 9 24 | 21 13 | 21 26 | 5 13 | 5 20 | 6 32 |
| W22 | 0 8 | 16 21 | 1 23 | 11 56 | 3 57 | 0 45 | 1 20 | 23 9 | 0 13 | 2 26 | 1 35 | 9 16 | 1 26 | 23 20 | 0 4 | 10 50 | 1 38 | 20 0 | 9 24 | 21 12 | 21 25 | 5 16 | 5 21 | 6 31 |
| T 23 | 0s15 | 20 9 | 0 20 | 11 57 | 4 0 | 1 16 | 1 19 | 23 10 | 0 12 | 2 23 | 1 35 | 9 13 | 1 27 | 23 20 | 0 4 | 10 51 | 1 38 | 19 59 | 9 25 | 21 12 | 21 25 | 5 19 | 5 23 | 6 31 |
| F 24 | 0 38 | 23 8 | 0s44 | 11 55 | 4 1 | 1 46 | 1 18 | 23 11 | 0 10 | 2 20 | 1 35 | 9 10 | 1 27 | 23 20 | 0 4 | 10 52 | 1 38 | 19 59 | 9 25 | 21 12 | 21 24 | 5 22 | 5 24 | 6 31 |
| S 25 | 1 1 | 25 7 | 1 47 | 11 49 | 4 1 | 2 16 | 1 17 | 23 11 | 0 9 | 2 17 | 1 35 | 9 8 | 1 27 | 23 20 | 0 4 | 10 52 | 1 38 | 19 58 | 9 25 | 21 12 | 21 24 | 5 25 | 5 25 | 6 30 |
| S 26 | 1 25 | 25 52 | 2 47 | 11 39 | 4 0 | 2 46 | 1 16 | 23 12 | 0 8 | 2 14 | 1 35 | 9 5 | 1 27 | 23 20 | 0 4 | 10 53 | 1 38 | 19 58 | 9 25 | 21 12 | 21 23 | 5 28 | 5 26 | 6 30 |
| M27 | 1 48 | 25 15 | 3 41 | 11 25 | 3 57 | 3 17 | 1 15 | 23 12 | 0 6 | 2 11 | 1 35 | 9 2 | 1 27 | 23 20 | 0 4 | 10 54 | 1 38 | 19 58 | 9 25 | 21 12 | 21 23 | 5 31 | 5 27 | 6 30 |
| T 28 | 2 11 | 23 10 | 4 24 | 11 7 | 3 52 | 3 47 | 1 14 | 23 13 | 0 5 | 2 8 | 1 35 | 9 0 | 1 27 | 23 20 | 0 4 | 10 55 | 1 38 | 19 57 | 9 26 | 21 11 | 21 22 | 5 34 | 5 28 | 6 29 |
| W29 | 2 34 | 19 40 | 4 53 | 10 45 | 3 46 | 4 17 | 1 12 | 23 13 | 0 3 | 2 4 | 1 36 | 8 57 | 1 27 | 23 20 | 0 4 | 10 55 | 1 38 | 19 57 | 9 26 | 21 10 | 21 22 | 5 37 | 5 29 | 6 29 |
| T 30 | 2s57 | 14s52 | 5s 5 | 10s18 | 3s38 | 4s47 | 1n11 | 23n14 | 0s 2 | 2n 1 | 1s36 | 8n55 | 1n27 | 23n20 | 0n 4 | 10s56 | 1n38 | 19n57 | 9n26 | 21n 9 | 21n21 | 5s40 | 5s30 | 6n29 |

Julian Day Number = 2615782.5, Delta T = 11m10s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'39, Lahiri = 30°08'39


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## OCTOBER 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 0 41 11 | 8♎26'36 | 18♓32 | 16°R50 | 16♎11 | 6♋23 | 8°R41 | 10♍45 | 24°R18 | 3♏ 0 | 0♍54 | 5°R15 | 6♊30 | 23♎14 | 29°R34 | F 1 |
| S 2 | 0 45 8 | 9°25'20 | 3♈41 | 15♎50 | 17°25 | 6°53 | 8♈33 | 10°52 | 24♊17 | 3° 2 | 0°55 | 5♊ 6 | 6°27 | 23°21 | 29♒32 | S 2 |
| S 3 | 0 49 4 | 10°24'07 | 18°58 | 14°46 | 18°40 | 7°22 | 8°24 | 10°59 | 24°17 | 3° 4 | 0°57 | 4°59 | 6°24 | 23°27 | 29°30 | S 3 |
| M 4 | 0 53 1 | 11°22'55 | 4♉11 | 13°40 | 19°54 | 7°50 | 8°16 | 11° 6 | 24°17 | 3° 6 | 0°58 | 4°53 | 6°20 | 23°34 | 29°28 | M 4 |
| T 5 | 0 56 57 | 12°21'45 | 19°10 | 12°32 | 21° 9 | 8°19 | 8° 8 | 11°13 | 24°17 | 3° 8 | 1° 0 | 4°50 | 6°17 | 23°41 | 29°25 | T 5 |
| W 6 | 1 0 54 | 13°20'38 | 3♊48 | 11°26 | 22°24 | 8°47 | 8° 1 | 11°20 | 24°17 | 3°11 | 1° 1 | 4°D49 | 6°14 | 23°47 | 29°23 | W 6 |
| T 7 | 1 4 50 | 14°19'33 | 18° 2 | 10°23 | 23°38 | 9°15 | 7°53 | 11°27 | 24°16 | 3°13 | 1° 3 | 4°50 | 6°11 | 23°54 | 29°22 | T 7 |
| F 8 | 1 8 47 | 15°18'30 | 1♋49 | 9°23 | 24°53 | 9°42 | 7°45 | 11°34 | 24°16 | 3°15 | 1° 4 | 4°51 | 6° 8 | 24° 1 | 29°20 | F 8 |
| S 9 | 1 12 44 | 16°17'29 | 15°12 | 8°30 | 26° 8 | 10° 9 | 7°37 | 11°40 | 24°15 | 3°17 | 1° 6 | 4°R51 | 6° 5 | 24° 7 | 29°18 | S 9 |
| S 10 | 1 16 40 | 17°16'31 | 28°12 | 7°44 | 27°22 | 10°36 | 7°29 | 11°47 | 24°15 | 3°19 | 1° 7 | 4°51 | 6° 1 | 24°14 | 29°16 | S 10 |
| M11 | 1 20 37 | 18°15'35 | 10♌54 | 7° 7 | 28°37 | 11° 2 | 7°21 | 11°54 | 24°14 | 3°21 | 1° 9 | 4°48 | 5°58 | 24°21 | 29°14 | M11 |
| T 12 | 1 24 33 | 19°14'41 | 23°20 | 6°40 | 29°52 | 11°28 | 7°14 | 12° 1 | 24°14 | 3°24 | 1°10 | 4°44 | 5°55 | 24°27 | 29°13 | T 12 |
| W13 | 1 28 30 | 20°13'50 | 5♍35 | 6°23 | 1♏ 7 | 11°53 | 7° 6 | 12° 7 | 24°13 | 3°26 | 1°11 | 4°37 | 5°52 | 24°34 | 29°11 | W13 |
| T 14 | 1 32 26 | 21°13'00 | 17°40 | 6°D16 | 2°21 | 12°18 | 6°58 | 12°14 | 24°12 | 3°28 | 1°13 | 4°30 | 5°49 | 24°41 | 29°10 | T 14 |
| F 15 | 1 36 23 | 22°12'13 | 29°38 | 6°20 | 3°36 | 12°43 | 6°51 | 12°20 | 24°11 | 3°30 | 1°14 | 4°21 | 5°45 | 24°48 | 29° 8 | F 15 |
| S 16 | 1 40 19 | 23°11'28 | 11♎31 | 6°35 | 4°51 | 13° 8 | 6°43 | 12°27 | 24°10 | 3°32 | 1°15 | 4°13 | 5°42 | 24°54 | 29° 7 | S 16 |
| S 17 | 1 44 16 | 24°10'45 | 23°21 | 7° 0 | 6° 5 | 13°31 | 6°36 | 12°33 | 24°10 | 3°35 | 1°17 | 4° 6 | 5°39 | 25° 1 | 29° 5 | S 17 |
| M18 | 1 48 13 | 25°10'04 | 5♏10 | 7°34 | 7°20 | 13°55 | 6°29 | 12°39 | 24° 9 | 3°37 | 1°18 | 4° 1 | 5°36 | 25° 8 | 29° 4 | M18 |
| T 19 | 1 52 9 | 26° 9'25 | 16°59 | 8°18 | 8°35 | 14°18 | 6°22 | 12°46 | 24° 8 | 3°39 | 1°19 | 3°57 | 5°33 | 25°14 | 29° 3 | T 19 |
| W20 | 1 56 6 | 27° 8'48 | 28°51 | 9°10 | 9°50 | 14°41 | 6°15 | 12°52 | 24° 7 | 3°41 | 1°20 | 3°D56 | 5°30 | 25°21 | 29° 1 | W20 |
| T 21 | 2 0 2 | 28° 8'13 | 10♐49 | 10° 9 | 11° 4 | 15° 3 | 6° 8 | 12°58 | 24° 6 | 3°43 | 1°21 | 3°56 | 5°26 | 25°28 | 29° 0 | T 21 |
| F 22 | 2 3 59 | 29° 7'40 | 22°56 | 11°15 | 12°19 | 15°25 | 6° 1 | 13° 4 | 24° 5 | 3°46 | 1°23 | 3°57 | 5°23 | 25°34 | 28°59 | F 22 |
| S 23 | 2 7 55 | 0♏ 7'08 | 5♑15 | 12°26 | 13°34 | 15°46 | 5°54 | 13°10 | 24° 3 | 3°48 | 1°24 | 3°59 | 5°20 | 25°41 | 28°58 | S 23 |
| S 24 | 2 11 52 | 1° 6'39 | 17°51 | 13°43 | 14°49 | 16° 6 | 5°48 | 13°16 | 24° 2 | 3°50 | 1°25 | 4° 0 | 5°17 | 25°48 | 28°57 | S 24 |
| M25 | 2 15 48 | 2° 6'11 | 0♒47 | 15° 5 | 16° 3 | 16°27 | 5°41 | 13°22 | 24° 1 | 3°52 | 1°26 | 4°R 1 | 5°14 | 25°54 | 28°56 | M25 |
| T 26 | 2 19 45 | 3° 5'44 | 14° 8 | 16°30 | 17°18 | 16°47 | 5°35 | 13°28 | 24° 0 | 3°55 | 1°27 | 4° 1 | 5°10 | 26° 1 | 28°55 | T 26 |
| W27 | 2 23 42 | 4° 5'20 | 27°56 | 17°59 | 18°33 | 17° 6 | 5°29 | 13°34 | 23°58 | 3°57 | 1°28 | 3°59 | 5° 7 | 26° 8 | 28°55 | W27 |
| T 28 | 2 27 38 | 5° 4'57 | 12♓11 | 19°30 | 19°47 | 17°25 | 5°23 | 13°39 | 23°57 | 3°59 | 1°29 | 3°56 | 5° 4 | 26°14 | 28°54 | T 28 |
| F 29 | 2 31 35 | 6° 4'35 | 26°52 | 21° 3 | 21° 2 | 17°43 | 5°17 | 13°45 | 23°55 | 4° 1 | 1°30 | 3°52 | 5° 1 | 26°21 | 28°53 | F 29 |
| S 30 | 2 35 31 | 7° 4'16 | 11♈52 | 22°38 | 22°17 | 18° 0 | 5°11 | 13°51 | 23°54 | 4° 4 | 1°31 | 3°48 | 4°58 | 26°28 | 28°53 | S 30 |
| S 31 | 2 39 28 | 8♏ 3'58 | 27♈ 5 | 24♎14 | 23♏32 | 18♋18 | 5♈ 6 | 13♍56 | 23♊52 | 4♏ 6 | 1♍32 | 3♊45 | 4♊55 | 26♎34 | 28♒52 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 3s20 | 9s 5 | 4s57 | 9s48 | 3s28 | 5s16 | 1n10 | 23n14 | 0n 0 | 1n58 | 1s36 | 8n52 | 1n28 | 23n20 | 0n 4 | 10s57 | 1n38 | 19n56 | 9n26 | 21n 7 | 21n21 | 5s43 | 5s31 | 6n28 |
| S 2 | 3 44 | 2 39 | 4 28 | 9 14 | 3 16 | 5 46 | 1 8 | 23 14 | 0 2 | 1 55 | 1 36 | 8 50 | 1 28 | 23 20 | 0 4 | 10 57 | 1 38 | 19 56 | 9 27 | 21 6 | 21 20 | 5 46 | 5 33 | 6 28 |
| S 3 | 4 7 | 4n 0 | 3 40 | 8 36 | 3 2 | 6 16 | 1 7 | 23 14 | 0 3 | 1 52 | 1 36 | 8 47 | 1 28 | 23 20 | 0 4 | 10 58 | 1 38 | 19 55 | 9 27 | 21 5 | 21 19 | 5 49 | 5 34 | 6 28 |
| M 4 | 4 30 | 10 25 | 2 37 | 7 56 | 2 47 | 6 45 | 1 5 | 23 14 | 0 5 | 1 49 | 1 36 | 8 45 | 1 28 | 23 20 | 0 4 | 10 59 | 1 38 | 19 55 | 9 27 | 21 4 | 21 19 | 5 52 | 5 35 | 6 27 |
| T 5 | 4 52 | 16 8 | 1 23 | 7 14 | 2 29 | 7 15 | 1 4 | 23 14 | 0 6 | 1 45 | 1 36 | 8 42 | 1 28 | 23 20 | 0 4 | 11 0 | 1 38 | 19 55 | 9 27 | 21 3 | 21 18 | 5 56 | 5 36 | 6 27 |
| W 6 | 5 15 | 20 46 | 0 5 | 6 31 | 2 11 | 7 44 | 1 2 | 23 14 | 0 8 | 1 42 | 1 36 | 8 40 | 1 28 | 23 20 | 0 4 | 11 0 | 1 38 | 19 54 | 9 28 | 21 3 | 21 18 | 5 59 | 5 37 | 6 27 |
| T 7 | 5 38 | 24 1 | 1n11 | 5 49 | 1 52 | 8 13 | 1 1 | 23 13 | 0 10 | 1 39 | 1 36 | 8 37 | 1 28 | 23 20 | 0 4 | 11 1 | 1 38 | 19 54 | 9 28 | 21 3 | 21 17 | 6 2 | 5 38 | 6 26 |
| F 8 | 6 1 | 25 42 | 2 20 | 5 7 | 1 32 | 8 42 | 0 59 | 23 13 | 0 11 | 1 36 | 1 35 | 8 35 | 1 29 | 23 20 | 0 4 | 11 2 | 1 38 | 19 54 | 9 28 | 21 3 | 21 17 | 6 5 | 5 39 | 6 26 |
| S 9 | 6 24 | 25 50 | 3 20 | 4 27 | 1 11 | 9 11 | 0 57 | 23 13 | 0 13 | 1 33 | 1 35 | 8 32 | 1 29 | 23 20 | 0 4 | 11 3 | 1 38 | 19 54 | 9 28 | 21 3 | 21 16 | 6 8 | 5 40 | 6 25 |
| S 10 | 6 46 | 24 31 | 4 8 | 3 50 | 0 51 | 9 39 | 0 55 | 23 13 | 0 15 | 1 30 | 1 35 | 8 30 | 1 29 | 23 20 | 0 4 | 11 3 | 1 38 | 19 53 | 9 29 | 21 3 | 21 16 | 6 11 | 5 41 | 6 25 |
| M11 | 7 9 | 21 59 | 4 42 | 3 17 | 0 31 | 10 7 | 0 54 | 23 12 | 0 17 | 1 27 | 1 35 | 8 27 | 1 29 | 23 20 | 0 4 | 11 4 | 1 38 | 19 53 | 9 29 | 21 3 | 21 15 | 6 14 | 5 42 | 6 25 |
| T 12 | 7 31 | 18 28 | 5 2 | 2 49 | 0 11 | 10 35 | 0 52 | 23 12 | 0 18 | 1 24 | 1 35 | 8 25 | 1 29 | 23 20 | 0 4 | 11 5 | 1 38 | 19 53 | 9 29 | 21 2 | 21 15 | 6 17 | 5 43 | 6 24 |
| W13 | 7 53 | 14 13 | 5 8 | 2 25 | 0n 7 | 11 3 | 0 50 | 23 11 | 0 20 | 1 21 | 1 35 | 8 23 | 1 29 | 23 20 | 0 4 | 11 6 | 1 38 | 19 53 | 9 29 | 21 1 | 21 14 | 6 20 | 5 43 | 6 24 |
| T 14 | 8 15 | 9 28 | 5 0 | 2 6 | 0 25 | 11 31 | 0 48 | 23 11 | 0 22 | 1 18 | 1 35 | 8 20 | 1 30 | 23 20 | 0 4 | 11 6 | 1 38 | 19 52 | 9 30 | 20 59 | 21 13 | 6 23 | 5 44 | 6 23 |
| F 15 | 8 38 | 4 25 | 4 39 | 1 53 | 0 41 | 11 58 | 0 46 | 23 10 | 0 24 | 1 15 | 1 35 | 8 18 | 1 30 | 23 20 | 0 4 | 11 7 | 1 38 | 19 52 | 9 30 | 20 58 | 21 13 | 6 26 | 5 45 | 6 23 |
| S 16 | 8 59 | 0s46 | 4 6 | 1 46 | 0 55 | 12 25 | 0 44 | 23 10 | 0 26 | 1 13 | 1 35 | 8 16 | 1 30 | 23 20 | 0 4 | 11 8 | 1 38 | 19 52 | 9 30 | 20 56 | 21 12 | 6 29 | 5 46 | 6 23 |
| S 17 | 9 21 | 5 55 | 3 22 | 1 43 | 1 8 | 12 52 | 0 42 | 23 9 | 0 28 | 1 10 | 1 35 | 8 13 | 1 30 | 23 20 | 0 4 | 11 9 | 1 38 | 19 52 | 9 31 | 20 55 | 21 12 | 6 32 | 5 47 | 6 22 |
| M18 | 9 43 | 10 51 | 2 30 | 1 46 | 1 20 | 13 18 | 0 39 | 23 9 | 0 30 | 1 7 | 1 35 | 8 11 | 1 30 | 23 20 | 0 4 | 11 9 | 1 38 | 19 51 | 9 31 | 20 54 | 21 11 | 6 35 | 5 48 | 6 22 |
| T 19 | 10 5 | 15 25 | 1 31 | 1 54 | 1 30 | 13 44 | 0 37 | 23 8 | 0 32 | 1 4 | 1 35 | 8 9 | 1 30 | 23 20 | 0 4 | 11 10 | 1 38 | 19 51 | 9 31 | 20 53 | 21 11 | 6 38 | 5 49 | 6 21 |
| W20 | 10 26 | 19 24 | 0 28 | 2 7 | 1 39 | 14 10 | 0 35 | 23 8 | 0 34 | 1 2 | 1 34 | 8 7 | 1 31 | 23 19 | 0 4 | 11 11 | 1 38 | 19 51 | 9 31 | 20 53 | 21 10 | 6 41 | 5 50 | 6 21 |
| T 21 | 10 47 | 22 38 | 0s38 | 2 23 | 1 46 | 14 36 | 0 33 | 23 7 | 0 36 | 0 59 | 1 34 | 8 4 | 1 31 | 23 19 | 0 4 | 11 12 | 1 38 | 19 51 | 9 32 | 20 53 | 21 10 | 6 44 | 5 50 | 6 21 |
| F 22 | 11 8 | 24 53 | 1 42 | 2 44 | 1 52 | 15 1 | 0 31 | 23 7 | 0 38 | 0 57 | 1 34 | 8 2 | 1 31 | 23 19 | 0 4 | 11 12 | 1 38 | 19 51 | 9 32 | 20 53 | 21 9 | 6 47 | 5 51 | 6 20 |
| S 23 | 11 29 | 25 59 | 2 43 | 3 7 | 1 56 | 15 25 | 0 28 | 23 7 | 0 40 | 0 54 | 1 34 | 8 0 | 1 31 | 23 19 | 0 4 | 11 13 | 1 38 | 19 51 | 9 32 | 20 54 | 21 8 | 6 50 | 5 52 | 6 20 |
| S 24 | 11 50 | 25 47 | 3 37 | 3 34 | 1 59 | 15 50 | 0 26 | 23 6 | 0 42 | 0 52 | 1 34 | 7 58 | 1 31 | 23 19 | 0 4 | 11 14 | 1 38 | 19 51 | 9 33 | 20 54 | 21 8 | 6 53 | 5 53 | 6 19 |
| M25 | 12 11 | 24 12 | 4 22 | 4 4 | 2 1 | 16 14 | 0 24 | 23 6 | 0 44 | 0 49 | 1 34 | 7 56 | 1 31 | 23 19 | 0 4 | 11 15 | 1 38 | 19 50 | 9 33 | 20 54 | 21 7 | 6 56 | 5 53 | 6 19 |
| T 26 | 12 31 | 21 15 | 4 55 | 4 35 | 2 3 | 16 37 | 0 21 | 23 5 | 0 46 | 0 47 | 1 34 | 7 54 | 1 32 | 23 19 | 0 4 | 11 15 | 1 38 | 19 50 | 9 33 | 20 54 | 21 7 | 6 59 | 5 54 | 6 18 |
| W27 | 12 51 | 17 2 | 5 12 | 5 9 | 2 3 | 17 0 | 0 19 | 23 5 | 0 48 | 0 45 | 1 33 | 7 52 | 1 32 | 23 19 | 0 4 | 11 16 | 1 38 | 19 50 | 9 34 | 20 54 | 21 6 | 7 2 | 5 55 | 6 18 |
| T 28 | 13 11 | 11 45 | 5 10 | 5 44 | 2 2 | 17 23 | 0 16 | 23 5 | 0 50 | 0 42 | 1 33 | 7 50 | 1 32 | 23 19 | 0 5 | 11 17 | 1 38 | 19 50 | 9 34 | 20 53 | 21 6 | 7 5 | 5 55 | 6 17 |
| F 29 | 13 31 | 5 40 | 4 49 | 6 20 | 2 0 | 17 45 | 0 14 | 23 5 | 0 52 | 0 40 | 1 33 | 7 48 | 1 32 | 23 19 | 0 5 | 11 18 | 1 38 | 19 50 | 9 34 | 20 52 | 21 5 | 7 8 | 5 56 | 6 17 |
| S 30 | 13 50 | 0n53 | 4 7 | 6 57 | 1 58 | 18 7 | 0 12 | 23 5 | 0 55 | 0 38 | 1 33 | 7 46 | 1 32 | 23 19 | 0 5 | 11 18 | 1 38 | 19 50 | 9 35 | 20 52 | 21 4 | 7 11 | 5 57 | 6 17 |
| S 31 | 14s10 | 7n29 | 3s 8 | 7s35 | 1n55 | 18s28 | 0n 9 | 23n 5 | 0n57 | 0n36 | 1s33 | 7n44 | 1n33 | 23n19 | 0n 5 | 11s19 | 1n38 | 19n50 | 9n35 | 20n51 | 21n 4 | 7s15 | 5s57 | 6n16 |

Julian Day Number = 2615812.5, Delta T = 11m10s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'43, Lahiri = 30°08'43


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## NOVEMBER 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 2 43 24 | 9♏ 3'42 | 12♉19 | 25♎52 | 24♏46 | 18♋34 | 5°R 1 | 14♍ 2 | 23°R51 | 4♏ 8 | 1♍33 | 3°R42 | 4♊51 | 26♎41 | 28°R52 | M 1 |
| T 2 | 2 47 21 | 10° 3'28 | 27°25 | 27°30 | 26° 1 | 18°50 | 4♈55 | 14° 7 | 23♊49 | 4°10 | 1°34 | 3°D41 | 4°48 | 26°48 | 28♒51 | T 2 |
| W 3 | 2 51 17 | 11° 3'17 | 12♊14 | 29° 9 | 27°16 | 19° 6 | 4°50 | 14°12 | 23°48 | 4°12 | 1°35 | 3♊41 | 4°45 | 26°54 | 28°51 | W 3 |
| T 4 | 2 55 14 | 12° 3'07 | 26°40 | 0♏49 | 28°30 | 19°21 | 4°45 | 14°18 | 23°46 | 4°15 | 1°36 | 3°42 | 4°42 | 27° 1 | 28°51 | T 4 |
| F 5 | 2 59 11 | 13° 3'00 | 10♋39 | 2°28 | 29°45 | 19°35 | 4°41 | 14°23 | 23°44 | 4°17 | 1°36 | 3°44 | 4°39 | 27° 8 | 28°51 | F 5 |
| S 6 | 3 3 7 | 14° 2'55 | 24°12 | 4° 8 | 1♐ 0 | 19°48 | 4°36 | 14°28 | 23°43 | 4°19 | 1°37 | 3°45 | 4°36 | 27°14 | 28°51 | S 6 |
| S 7 | 3 7 4 | 15° 2'52 | 7♌18 | 5°48 | 2°15 | 20° 1 | 4°32 | 14°33 | 23°41 | 4°21 | 1°38 | 3°46 | 4°32 | 27°21 | 28°D51 | S 7 |
| M 8 | 3 11 0 | 16° 2'51 | 20° 2 | 7°28 | 3°29 | 20°14 | 4°28 | 14°38 | 23°39 | 4°24 | 1°39 | 3°R46 | 4°29 | 27°28 | 28°51 | M 8 |
| T 9 | 3 14 57 | 17° 2'52 | 2♍26 | 9° 7 | 4°44 | 20°25 | 4°24 | 14°43 | 23°37 | 4°26 | 1°39 | 3°45 | 4°26 | 27°34 | 28°51 | T 9 |
| W10 | 3 18 53 | 18° 2'55 | 14°37 | 10°47 | 5°59 | 20°36 | 4°20 | 14°48 | 23°35 | 4°28 | 1°40 | 3°44 | 4°23 | 27°41 | 28°51 | W10 |
| T 11 | 3 22 50 | 19° 3'00 | 26°36 | 12°26 | 7°13 | 20°47 | 4°16 | 14°52 | 23°33 | 4°30 | 1°41 | 3°42 | 4°20 | 27°48 | 28°51 | T 11 |
| F 12 | 3 26 46 | 20° 3'07 | 8♎29 | 14° 5 | 8°28 | 20°56 | 4°13 | 14°57 | 23°31 | 4°32 | 1°41 | 3°40 | 4°16 | 27°54 | 28°51 | F 12 |
| S 13 | 3 30 43 | 21° 3'16 | 20°18 | 15°43 | 9°43 | 21° 5 | 4°10 | 15° 1 | 23°29 | 4°34 | 1°42 | 3°38 | 4°13 | 28° 1 | 28°52 | S 13 |
| S 14 | 3 34 40 | 22° 3'28 | 2♏ 7 | 17°21 | 10°58 | 21°13 | 4° 6 | 15° 6 | 23°27 | 4°37 | 1°43 | 3°36 | 4°10 | 28° 8 | 28°52 | S 14 |
| M15 | 3 38 36 | 23° 3'41 | 13°58 | 18°59 | 12°12 | 21°21 | 4° 4 | 15°10 | 23°25 | 4°39 | 1°43 | 3°35 | 4° 7 | 28°14 | 28°53 | M15 |
| T 16 | 3 42 33 | 24° 3'56 | 25°53 | 20°37 | 13°27 | 21°27 | 4° 1 | 15°15 | 23°23 | 4°41 | 1°44 | 3°34 | 4° 4 | 28°21 | 28°53 | T 16 |
| W17 | 3 46 29 | 25° 4'12 | 7♐54 | 22°14 | 14°42 | 21°33 | 3°59 | 15°19 | 23°21 | 4°43 | 1°44 | 3°D34 | 4° 1 | 28°28 | 28°54 | W17 |
| T 18 | 3 50 26 | 26° 4'30 | 20° 2 | 23°51 | 15°57 | 21°38 | 3°56 | 15°23 | 23°19 | 4°45 | 1°45 | 3°34 | 3°57 | 28°34 | 28°54 | T 18 |
| F 19 | 3 54 22 | 27° 4'50 | 2♑21 | 25°27 | 17°11 | 21°43 | 3°54 | 15°27 | 23°17 | 4°47 | 1°45 | 3°35 | 3°54 | 28°41 | 28°55 | F 19 |
| S 20 | 3 58 19 | 28° 5'12 | 14°51 | 27° 4 | 18°26 | 21°46 | 3°52 | 15°31 | 23°14 | 4°49 | 1°45 | 3°35 | 3°51 | 28°48 | 28°56 | S 20 |
| S 21 | 4 2 15 | 29° 5'35 | 27°35 | 28°40 | 19°41 | 21°49 | 3°51 | 15°35 | 23°12 | 4°51 | 1°46 | 3°36 | 3°48 | 28°54 | 28°57 | S 21 |
| M22 | 4 6 12 | 0♐ 5'59 | 10♒36 | 0♐15 | 20°55 | 21°51 | 3°49 | 15°38 | 23°10 | 4°54 | 1°46 | 3°36 | 3°45 | 29° 1 | 28°58 | M22 |
| T 23 | 4 10 9 | 1° 6'25 | 23°55 | 1°51 | 22°10 | 21°52 | 3°48 | 15°42 | 23° 8 | 4°56 | 1°46 | 3°37 | 3°42 | 29° 8 | 28°59 | T 23 |
| W24 | 4 14 5 | 2° 6'51 | 7♓35 | 3°26 | 23°25 | 21°R52 | 3°47 | 15°46 | 23° 5 | 4°58 | 1°47 | 3°R37 | 3°38 | 29°14 | 29° 0 | W24 |
| T 25 | 4 18 2 | 3° 7'19 | 21°36 | 5° 1 | 24°39 | 21°52 | 3°46 | 15°49 | 23° 3 | 5° 0 | 1°47 | 3°D37 | 3°35 | 29°21 | 29° 1 | T 25 |
| F 26 | 4 21 58 | 4° 7'49 | 5♈57 | 6°35 | 25°54 | 21°50 | 3°46 | 15°52 | 23° 1 | 5° 2 | 1°47 | 3°37 | 3°32 | 29°28 | 29° 2 | F 26 |
| S 27 | 4 25 55 | 5° 8'19 | 20°36 | 8°10 | 27° 9 | 21°48 | 3°45 | 15°56 | 22°58 | 5° 4 | 1°47 | 3°37 | 3°29 | 29°34 | 29° 3 | S 27 |
| S 28 | 4 29 51 | 6° 8'51 | 5♉28 | 9°44 | 28°23 | 21°45 | 3°D45 | 15°59 | 22°56 | 5° 6 | 1°47 | 3°37 | 3°26 | 29°41 | 29° 5 | S 28 |
| M29 | 4 33 48 | 7° 9'24 | 20°26 | 11°18 | 29°38 | 21°41 | 3°45 | 16° 2 | 22°53 | 5° 8 | 1°48 | 3°37 | 3°22 | 29°48 | 29° 6 | M29 |
| T 30 | 4 37 44 | 8♐ 9'58 | 5♊21 | 12♐51 | 0♑53 | 21♋36 | 3♈45 | 16♍ 5 | 22♊51 | 5♏10 | 1♍48 | 3°R37 | 3♊19 | 29♎54 | 29♒ 8 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 14s29 | 13n40 | 1s55 | 8s14 | 1n52 | 18s49 | 0n 7 | 23n 5 | 0n59 | 0n34 | 1s33 | 7n42 | 1n33 | 23n19 | 0n 5 | 11s20 | 1n38 | 19n50 | 9n35 | 20n51 | 21n 3 | 7s18 | 5s58 | 6n16 |
| T 2 | 14 48 | 18 59 | 0 34 | 8 53 | 1 48 | 19 9 | 0 4 | 23 5 | 1 2 | 0 32 | 1 32 | 7 40 | 1 33 | 23 19 | 0 5 | 11 20 | 1 38 | 19 50 | 9 36 | 20 50 | 21 3 | 7 21 | 5 58 | 6 15 |
| W 3 | 15 7 | 22 59 | 0n47 | 9 32 | 1 44 | 19 28 | 0 2 | 23 5 | 1 4 | 0 30 | 1 32 | 7 38 | 1 33 | 23 19 | 0 5 | 11 21 | 1 38 | 19 50 | 9 36 | 20 50 | 21 2 | 7 24 | 5 59 | 6 15 |
| T 4 | 15 25 | 25 24 | 2 3 | 10 11 | 1 39 | 19 48 | 0s 1 | 23 5 | 1 6 | 0 29 | 1 32 | 7 36 | 1 33 | 23 19 | 0 5 | 11 22 | 1 38 | 19 50 | 9 36 | 20 50 | 21 2 | 7 27 | 5 59 | 6 14 |
| F 5 | 15 43 | 26 7 | 3 10 | 10 50 | 1 34 | 20 6 | 0 3 | 23 5 | 1 9 | 0 27 | 1 32 | 7 34 | 1 34 | 23 19 | 0 5 | 11 23 | 1 38 | 19 50 | 9 36 | 20 51 | 21 1 | 7 30 | 6 0 | 6 14 |
| S 6 | 16 1 | 25 13 | 4 4 | 11 29 | 1 28 | 20 24 | 0 6 | 23 6 | 1 11 | 0 25 | 1 31 | 7 33 | 1 34 | 23 19 | 0 5 | 11 23 | 1 38 | 19 50 | 9 37 | 20 51 | 21 0 | 7 33 | 6 0 | 6 13 |
| S 7 | 16 19 | 22 58 | 4 43 | 12 7 | 1 23 | 20 42 | 0 9 | 23 6 | 1 14 | 0 24 | 1 31 | 7 31 | 1 34 | 23 19 | 0 5 | 11 24 | 1 38 | 19 50 | 9 37 | 20 51 | 21 0 | 7 36 | 6 1 | 6 13 |
| M 8 | 16 36 | 19 37 | 5 7 | 12 45 | 1 17 | 20 59 | 0 11 | 23 7 | 1 16 | 0 22 | 1 31 | 7 29 | 1 34 | 23 18 | 0 5 | 11 25 | 1 38 | 19 50 | 9 38 | 20 51 | 20 59 | 7 39 | 6 1 | 6 12 |
| T 9 | 16 53 | 15 29 | 5 16 | 13 23 | 1 11 | 21 15 | 0 14 | 23 8 | 1 19 | 0 21 | 1 31 | 7 27 | 1 34 | 23 18 | 0 5 | 11 26 | 1 38 | 19 50 | 9 38 | 20 51 | 20 59 | 7 42 | 6 2 | 6 12 |
| W10 | 17 10 | 10 49 | 5 10 | 14 0 | 1 4 | 21 31 | 0 16 | 23 9 | 1 21 | 0 20 | 1 31 | 7 26 | 1 35 | 23 18 | 0 5 | 11 26 | 1 38 | 19 50 | 9 38 | 20 51 | 20 58 | 7 45 | 6 2 | 6 12 |
| T 11 | 17 27 | 5 48 | 4 51 | 14 37 | 0 58 | 21 46 | 0 19 | 23 10 | 1 24 | 0 19 | 1 30 | 7 24 | 1 35 | 23 18 | 0 5 | 11 27 | 1 38 | 19 50 | 9 39 | 20 50 | 20 57 | 7 48 | 6 2 | 6 11 |
| F 12 | 17 43 | 0 38 | 4 20 | 15 12 | 0 51 | 22 1 | 0 21 | 23 11 | 1 26 | 0 17 | 1 30 | 7 23 | 1 35 | 23 18 | 0 5 | 11 28 | 1 38 | 19 50 | 9 39 | 20 50 | 20 57 | 7 51 | 6 3 | 6 11 |
| S 13 | 17 59 | 4s33 | 3 37 | 15 47 | 0 45 | 22 15 | 0 24 | 23 12 | 1 29 | 0 16 | 1 30 | 7 21 | 1 35 | 23 18 | 0 5 | 11 28 | 1 38 | 19 50 | 9 39 | 20 50 | 20 56 | 7 54 | 6 3 | 6 10 |
| S 14 | 18 14 | 9 35 | 2 46 | 16 22 | 0 38 | 22 28 | 0 26 | 23 13 | 1 32 | 0 15 | 1 30 | 7 20 | 1 35 | 23 18 | 0 5 | 11 29 | 1 38 | 19 51 | 9 40 | 20 49 | 20 56 | 7 57 | 6 3 | 6 10 |
| M15 | 18 30 | 14 18 | 1 47 | 16 55 | 0 31 | 22 41 | 0 29 | 23 15 | 1 34 | 0 15 | 1 29 | 7 18 | 1 36 | 23 18 | 0 5 | 11 30 | 1 38 | 19 51 | 9 40 | 20 49 | 20 55 | 8 0 | 6 4 | 6 9 |
| T 16 | 18 45 | 18 30 | 0 43 | 17 28 | 0 25 | 22 53 | 0 31 | 23 17 | 1 37 | 0 14 | 1 29 | 7 17 | 1 36 | 23 18 | 0 5 | 11 31 | 1 38 | 19 51 | 9 40 | 20 49 | 20 55 | 8 3 | 6 4 | 6 9 |
| W17 | 18 59 | 21 58 | 0s24 | 18 0 | 0 18 | 23 4 | 0 34 | 23 18 | 1 40 | 0 13 | 1 29 | 7 15 | 1 36 | 23 18 | 0 5 | 11 31 | 1 38 | 19 51 | 9 41 | 20 49 | 20 54 | 8 6 | 6 4 | 6 8 |
| T 18 | 19 14 | 24 30 | 1 30 | 18 31 | 0 11 | 23 15 | 0 36 | 23 20 | 1 43 | 0 12 | 1 29 | 7 14 | 1 36 | 23 18 | 0 5 | 11 32 | 1 38 | 19 51 | 9 41 | 20 49 | 20 53 | 8 9 | 6 4 | 6 8 |
| F 19 | 19 28 | 25 55 | 2 33 | 19 1 | 0 4 | 23 25 | 0 39 | 23 22 | 1 45 | 0 12 | 1 28 | 7 12 | 1 37 | 23 17 | 0 5 | 11 33 | 1 38 | 19 51 | 9 41 | 20 49 | 20 53 | 8 12 | 6 4 | 6 7 |
| S 20 | 19 41 | 26 2 | 3 30 | 19 30 | 0s 3 | 23 34 | 0 41 | 23 25 | 1 48 | 0 11 | 1 28 | 7 11 | 1 37 | 23 17 | 0 5 | 11 33 | 1 38 | 19 51 | 9 42 | 20 49 | 20 52 | 8 15 | 6 5 | 6 7 |
| S 21 | 19 54 | 24 48 | 4 17 | 19 58 | 0 9 | 23 43 | 0 44 | 23 27 | 1 51 | 0 11 | 1 28 | 7 10 | 1 37 | 23 17 | 0 5 | 11 34 | 1 38 | 19 52 | 9 42 | 20 49 | 20 52 | 8 18 | 6 5 | 6 6 |
| M22 | 20 7 | 22 14 | 4 53 | 20 25 | 0 16 | 23 50 | 0 46 | 23 29 | 1 54 | 0 11 | 1 28 | 7 9 | 1 37 | 23 17 | 0 5 | 11 35 | 1 38 | 19 52 | 9 42 | 20 49 | 20 51 | 8 21 | 6 5 | 6 6 |
| T 23 | 20 20 | 18 26 | 5 13 | 20 51 | 0 23 | 23 58 | 0 49 | 23 32 | 1 57 | 0 10 | 1 27 | 7 7 | 1 38 | 23 17 | 0 5 | 11 35 | 1 38 | 19 52 | 9 43 | 20 49 | 20 50 | 8 24 | 6 5 | 6 6 |
| W24 | 20 32 | 13 36 | 5 17 | 21 16 | 0 29 | 24 4 | 0 51 | 23 35 | 2 0 | 0 10 | 1 27 | 7 6 | 1 38 | 23 17 | 0 5 | 11 36 | 1 38 | 19 52 | 9 43 | 20 49 | 20 50 | 8 27 | 6 5 | 6 5 |
| T 25 | 20 44 | 7 57 | 5 2 | 21 40 | 0 36 | 24 10 | 0 53 | 23 38 | 2 3 | 0 10 | 1 27 | 7 5 | 1 38 | 23 17 | 0 5 | 11 37 | 1 38 | 19 53 | 9 43 | 20 49 | 20 49 | 8 30 | 6 5 | 6 5 |
| F 26 | 20 55 | 1 45 | 4 29 | 22 3 | 0 42 | 24 15 | 0 56 | 23 41 | 2 6 | 0 10 | 1 27 | 7 4 | 1 38 | 23 17 | 0 5 | 11 37 | 1 38 | 19 53 | 9 44 | 20 49 | 20 49 | 8 33 | 6 5 | 6 4 |
| S 27 | 21 6 | 4n40 | 3 37 | 22 25 | 0 48 | 24 19 | 0 58 | 23 44 | 2 9 | 0 10 | 1 26 | 7 3 | 1 38 | 23 17 | 0 5 | 11 38 | 1 38 | 19 53 | 9 44 | 20 49 | 20 48 | 8 36 | 6 5 | 6 4 |
| S 28 | 21 17 | 10 57 | 2 30 | 22 45 | 0 55 | 24 23 | 1 0 | 23 48 | 2 12 | 0 10 | 1 26 | 7 2 | 1 39 | 23 16 | 0 5 | 11 38 | 1 38 | 19 53 | 9 44 | 20 49 | 20 47 | 8 39 | 6 5 | 6 3 |
| M29 | 21 27 | 16 39 | 1 13 | 23 5 | 1 1 | 24 25 | 1 2 | 23 51 | 2 15 | 0 11 | 1 26 | 7 1 | 1 39 | 23 16 | 0 5 | 11 39 | 1 38 | 19 54 | 9 45 | 20 50 | 20 47 | 8 42 | 6 5 | 6 3 |
| T 30 | 21s37 | 21n18 | 0n10 | 23s23 | 1s 7 | 24s27 | 1s 5 | 23n55 | 2n18 | 0n11 | 1s25 | 7n 0 | 1n39 | 23n16 | 0n 5 | 11s40 | 1n39 | 19n54 | 9n45 | 20n50 | 20n46 | 8s45 | 6s 5 | 6n 2 |

Julian Day Number = 2615843.5, Delta T = 11m11s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'47, Lahiri = 30°08'48


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# ASTRODIENST EPHEMERIS for the year 2449
# geocentric

## DECEMBER 2449 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 4 41 41 | 9♐10'34 | 20♊ 7 | 14♐25 | 2♑ 7 | 21°R30 | 3♈46 | 16♍ 8 | 22°R48 | 5♏12 | 1♍48 | 3°R37 | 3♊16 | 0♏ 1 | 29♒ 9 | W 1 |
| T 2 | 4 45 38 | 10°11'12 | 4♋35 | 15°59 | 3°22 | 21♋24 | 3°47 | 16°10 | 22♊46 | 5°14 | 1°48 | 3♊36 | 3°13 | 0° 8 | 29°11 | T 2 |
| F 3 | 4 49 34 | 11°11'51 | 18°41 | 17°32 | 4°37 | 21°16 | 3°47 | 16°13 | 22°44 | 5°15 | 1°R48 | 3°36 | 3°10 | 0°15 | 29°12 | F 3 |
| S 4 | 4 53 31 | 12°12'31 | 2♌21 | 19° 5 | 5°51 | 21° 8 | 3°49 | 16°16 | 22°41 | 5°17 | 1°48 | 3°35 | 3° 7 | 0°21 | 29°14 | S 4 |
| S 5 | 4 57 27 | 13°13'13 | 15°36 | 20°38 | 7° 6 | 20°59 | 3°50 | 16°18 | 22°39 | 5°19 | 1°48 | 3°33 | 3° 3 | 0°28 | 29°16 | S 5 |
| M 6 | 5 1 24 | 14°13'56 | 28°25 | 22°11 | 8°21 | 20°49 | 3°51 | 16°20 | 22°36 | 5°21 | 1°48 | 3°33 | 3° 0 | 0°35 | 29°18 | M 6 |
| T 7 | 5 5 20 | 15°14'41 | 10♍54 | 23°44 | 9°35 | 20°38 | 3°53 | 16°23 | 22°34 | 5°23 | 1°48 | 3°D32 | 2°57 | 0°41 | 29°20 | T 7 |
| W 8 | 5 9 17 | 16°15'28 | 23° 5 | 25°17 | 10°50 | 20°27 | 3°55 | 16°25 | 22°31 | 5°25 | 1°47 | 3°32 | 2°54 | 0°48 | 29°22 | W 8 |
| T 9 | 5 13 13 | 17°16'15 | 5♎ 4 | 26°50 | 12° 4 | 20°14 | 3°57 | 16°27 | 22°29 | 5°26 | 1°47 | 3°33 | 2°51 | 0°55 | 29°24 | T 9 |
| F 10 | 5 17 10 | 18°17'05 | 16°56 | 28°23 | 13°19 | 20° 1 | 3°59 | 16°29 | 22°26 | 5°28 | 1°47 | 3°34 | 2°48 | 1° 1 | 29°26 | F 10 |
| S 11 | 5 21 7 | 19°17'55 | 28°44 | 29°55 | 14°33 | 19°46 | 4° 2 | 16°31 | 22°23 | 5°30 | 1°47 | 3°35 | 2°44 | 1° 8 | 29°28 | S 11 |
| S 12 | 5 25 3 | 20°18'47 | 10♏33 | 1♑28 | 15°48 | 19°31 | 4° 4 | 16°32 | 22°21 | 5°32 | 1°47 | 3°37 | 2°41 | 1°15 | 29°30 | S 12 |
| M13 | 5 29 0 | 21°19'40 | 22°28 | 3° 0 | 17° 3 | 19°16 | 4° 7 | 16°34 | 22°18 | 5°33 | 1°46 | 3°38 | 2°38 | 1°21 | 29°32 | M13 |
| T 14 | 5 32 56 | 22°20'35 | 4♐30 | 4°32 | 18°17 | 18°59 | 4°10 | 16°35 | 22°16 | 5°35 | 1°46 | 3°R38 | 2°35 | 1°28 | 29°34 | T 14 |
| W15 | 5 36 53 | 23°21'30 | 16°42 | 6° 4 | 19°32 | 18°42 | 4°14 | 16°37 | 22°13 | 5°37 | 1°46 | 3°38 | 2°32 | 1°35 | 29°37 | W15 |
| T 16 | 5 40 49 | 24°22'27 | 29° 6 | 7°36 | 20°46 | 18°24 | 4°17 | 16°38 | 22°11 | 5°38 | 1°45 | 3°36 | 2°28 | 1°41 | 29°39 | T 16 |
| F 17 | 5 44 46 | 25°23'24 | 11♑43 | 9° 8 | 22° 1 | 18° 5 | 4°21 | 16°39 | 22° 8 | 5°40 | 1°45 | 3°33 | 2°25 | 1°48 | 29°42 | F 17 |
| S 18 | 5 48 43 | 26°24'22 | 24°33 | 10°39 | 23°15 | 17°46 | 4°25 | 16°40 | 22° 6 | 5°42 | 1°44 | 3°30 | 2°22 | 1°55 | 29°44 | S 18 |
| S 19 | 5 52 39 | 27°25'21 | 7♒36 | 12°10 | 24°30 | 17°26 | 4°29 | 16°41 | 22° 3 | 5°43 | 1°44 | 3°26 | 2°19 | 2° 1 | 29°47 | S 19 |
| M20 | 5 56 36 | 28°26'21 | 20°53 | 13°41 | 25°44 | 17° 6 | 4°33 | 16°42 | 22° 1 | 5°45 | 1°44 | 3°22 | 2°16 | 2° 8 | 29°49 | M20 |
| T 21 | 6 0 32 | 29°27'21 | 4♓23 | 15°11 | 26°59 | 16°45 | 4°37 | 16°43 | 21°58 | 5°46 | 1°43 | 3°19 | 2°13 | 2°15 | 29°52 | T 21 |
| W22 | 6 4 29 | 0♑28'22 | 18° 5 | 16°41 | 28°13 | 16°24 | 4°42 | 16°43 | 21°56 | 5°48 | 1°42 | 3°17 | 2° 9 | 2°21 | 29°55 | W22 |
| T 23 | 6 8 25 | 1°29'23 | 2♈ 0 | 18° 9 | 29°28 | 16° 2 | 4°47 | 16°44 | 21°53 | 5°49 | 1°42 | 3°D17 | 2° 6 | 2°28 | 29°58 | T 23 |
| F 24 | 6 12 22 | 2°30'24 | 16° 7 | 19°37 | 0♒42 | 15°40 | 4°52 | 16°44 | 21°51 | 5°51 | 1°41 | 3°17 | 2° 3 | 2°34 | 0♓ 0 | F 24 |
| S 25 | 6 16 18 | 3°31'26 | 0♉24 | 21° 4 | 1°56 | 15°17 | 4°57 | 16°45 | 21°48 | 5°52 | 1°41 | 3°19 | 2° 0 | 2°41 | 0° 3 | S 25 |
| S 26 | 6 20 15 | 4°32'28 | 14°49 | 22°29 | 3°11 | 14°54 | 5° 3 | 16°45 | 21°46 | 5°53 | 1°40 | 3°20 | 1°57 | 2°48 | 0° 6 | S 26 |
| M27 | 6 24 12 | 5°33'30 | 29°19 | 23°53 | 4°25 | 14°31 | 5° 8 | 16°R45 | 21°43 | 5°55 | 1°39 | 3°R21 | 1°54 | 2°54 | 0° 9 | M27 |
| T 28 | 6 28 8 | 6°34'33 | 13♊50 | 25°15 | 5°39 | 14° 8 | 5°14 | 16°45 | 21°41 | 5°56 | 1°39 | 3°21 | 1°50 | 3° 1 | 0°12 | T 28 |
| W29 | 6 32 5 | 7°35'36 | 28°15 | 26°35 | 6°54 | 13°44 | 5°20 | 16°45 | 21°38 | 5°57 | 1°38 | 3°19 | 1°47 | 3° 8 | 0°15 | W29 |
| T 30 | 6 36 1 | 8°36'40 | 12♋30 | 27°52 | 8° 8 | 13°21 | 5°26 | 16°44 | 21°36 | 5°59 | 1°37 | 3°15 | 1°44 | 3°14 | 0°18 | T 30 |
| F 31 | 6 39 58 | 9♑37'44 | 26♋29 | 29♑ 7 | 9♒22 | 12♋57 | 5♈32 | 16♍44 | 21♊33 | 6♏ 0 | 1♍36 | 3♊ 9 | 1♊41 | 3♏21 | 0♓22 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21 s46 | 24n31 | 1n30 | 23 s40 | 1 s12 | 24 s29 | 1 s 7 | 23n59 | 2n21 | 0n11 | 1 s25 | 6n59 | 1n39 | 23n16 | 0n 5 | 11 s40 | 1n39 | 19n54 | 9n46 | 20n50 | 20n46 | 8 s48 | 6 s 5 | 6n 2 |
| T 2 | 21 55 | 26 2 | 2 44 | 23 56 | 1 18 | 24 29 | 1 9 | 24 3 | 2 24 | 0 12 | 1 25 | 6 58 | 1 40 | 23 16 | 0 5 | 11 41 | 1 39 | 19 55 | 9 46 | 20 49 | 20 45 | 8 51 | 6 5 | 6 1 |
| F 3 | 22 4 | 25 48 | 3 45 | 24 11 | 1 23 | 24 29 | 1 11 | 24 7 | 2 27 | 0 13 | 1 25 | 6 58 | 1 40 | 23 16 | 0 5 | 11 42 | 1 39 | 19 55 | 9 46 | 20 49 | 20 44 | 8 54 | 6 4 | 6 1 |
| S 4 | 22 12 | 24 0 | 4 31 | 24 24 | 1 29 | 24 28 | 1 13 | 24 12 | 2 30 | 0 13 | 1 24 | 6 57 | 1 40 | 23 16 | 0 5 | 11 42 | 1 39 | 19 55 | 9 47 | 20 49 | 20 44 | 8 57 | 6 4 | 6 1 |
| S 5 | 22 20 | 20 55 | 5 2 | 24 37 | 1 34 | 24 26 | 1 15 | 24 16 | 2 33 | 0 14 | 1 24 | 6 56 | 1 40 | 23 16 | 0 5 | 11 43 | 1 39 | 19 56 | 9 47 | 20 49 | 20 43 | 9 0 | 6 4 | 6 0 |
| M 6 | 22 27 | 16 56 | 5 16 | 24 47 | 1 38 | 24 24 | 1 17 | 24 20 | 2 36 | 0 15 | 1 24 | 6 55 | 1 41 | 23 16 | 0 5 | 11 43 | 1 39 | 19 56 | 9 47 | 20 49 | 20 43 | 9 3 | 6 4 | 6 0 |
| T 7 | 22 34 | 12 19 | 5 15 | 24 57 | 1 43 | 24 21 | 1 19 | 24 25 | 2 39 | 0 16 | 1 24 | 6 55 | 1 41 | 23 15 | 0 5 | 11 44 | 1 39 | 19 56 | 9 48 | 20 49 | 20 42 | 9 6 | 6 4 | 5 59 |
| W 8 | 22 40 | 7 19 | 4 59 | 25 5 | 1 48 | 24 17 | 1 21 | 24 30 | 2 42 | 0 17 | 1 23 | 6 54 | 1 41 | 23 15 | 0 5 | 11 44 | 1 39 | 19 57 | 9 48 | 20 49 | 20 41 | 9 9 | 6 3 | 5 59 |
| T 9 | 22 46 | 2 8 | 4 31 | 25 12 | 1 52 | 24 12 | 1 22 | 24 35 | 2 45 | 0 18 | 1 23 | 6 54 | 1 41 | 23 15 | 0 5 | 11 45 | 1 39 | 19 57 | 9 48 | 20 49 | 20 41 | 9 12 | 6 3 | 5 58 |
| F 10 | 22 52 | 3 s 5 | 3 51 | 25 18 | 1 56 | 24 7 | 1 24 | 24 40 | 2 48 | 0 19 | 1 23 | 6 53 | 1 42 | 23 15 | 0 5 | 11 46 | 1 39 | 19 57 | 9 49 | 20 49 | 20 40 | 9 15 | 6 3 | 5 58 |
| S 11 | 22 57 | 8 10 | 3 1 | 25 22 | 1 59 | 24 1 | 1 26 | 24 45 | 2 51 | 0 20 | 1 22 | 6 53 | 1 42 | 23 15 | 0 5 | 11 46 | 1 39 | 19 58 | 9 49 | 20 49 | 20 39 | 9 18 | 6 2 | 5 58 |
| S 12 | 23 2 | 12 59 | 2 4 | 25 25 | 2 3 | 23 54 | 1 27 | 24 50 | 2 54 | 0 21 | 1 22 | 6 52 | 1 42 | 23 15 | 0 5 | 11 47 | 1 39 | 19 58 | 9 49 | 20 50 | 20 39 | 9 21 | 6 2 | 5 57 |
| M13 | 23 6 | 17 21 | 1 1 | 25 27 | 2 6 | 23 46 | 1 29 | 24 55 | 2 57 | 0 23 | 1 22 | 6 52 | 1 42 | 23 15 | 0 5 | 11 47 | 1 39 | 19 59 | 9 50 | 20 50 | 20 38 | 9 24 | 6 2 | 5 57 |
| T 14 | 23 10 | 21 4 | 0 s 5 | 25 27 | 2 9 | 23 38 | 1 31 | 25 0 | 2 59 | 0 24 | 1 22 | 6 51 | 1 43 | 23 14 | 0 5 | 11 48 | 1 39 | 19 59 | 9 50 | 20 50 | 20 38 | 9 27 | 6 1 | 5 56 |
| W15 | 23 13 | 23 54 | 1 12 | 25 25 | 2 11 | 23 29 | 1 32 | 25 5 | 3 2 | 0 26 | 1 21 | 6 51 | 1 43 | 23 14 | 0 5 | 11 48 | 1 39 | 20 0 | 9 50 | 20 50 | 20 37 | 9 30 | 6 1 | 5 56 |
| T 16 | 23 16 | 25 39 | 2 16 | 25 23 | 2 13 | 23 19 | 1 33 | 25 10 | 3 5 | 0 28 | 1 21 | 6 51 | 1 43 | 23 14 | 0 5 | 11 49 | 1 39 | 20 0 | 9 51 | 20 49 | 20 36 | 9 33 | 6 0 | 5 56 |
| F 17 | 23 18 | 26 6 | 3 15 | 25 18 | 2 15 | 23 9 | 1 35 | 25 16 | 3 8 | 0 29 | 1 21 | 6 51 | 1 43 | 23 14 | 0 5 | 11 49 | 1 39 | 20 0 | 9 51 | 20 49 | 20 36 | 9 36 | 6 0 | 5 55 |
| S 18 | 23 20 | 25 10 | 4 5 | 25 13 | 2 16 | 22 58 | 1 36 | 25 21 | 3 10 | 0 31 | 1 20 | 6 51 | 1 44 | 23 14 | 0 5 | 11 50 | 1 39 | 20 1 | 9 51 | 20 48 | 20 35 | 9 39 | 6 0 | 5 55 |
| S 19 | 23 21 | 22 53 | 4 43 | 25 6 | 2 17 | 22 46 | 1 37 | 25 26 | 3 13 | 0 33 | 1 20 | 6 50 | 1 44 | 23 14 | 0 5 | 11 50 | 1 39 | 20 1 | 9 52 | 20 47 | 20 34 | 9 42 | 5 59 | 5 54 |
| M20 | 23 22 | 19 20 | 5 7 | 24 57 | 2 17 | 22 33 | 1 38 | 25 31 | 3 15 | 0 35 | 1 20 | 6 50 | 1 44 | 23 14 | 0 5 | 11 51 | 1 39 | 20 2 | 9 52 | 20 47 | 20 34 | 9 45 | 5 58 | 5 54 |
| T 21 | 23 23 | 14 45 | 5 14 | 24 47 | 2 17 | 22 20 | 1 40 | 25 36 | 3 18 | 0 37 | 1 20 | 6 50 | 1 45 | 23 13 | 0 5 | 11 51 | 1 39 | 20 2 | 9 52 | 20 46 | 20 33 | 9 48 | 5 58 | 5 54 |
| W22 | 23 23 | 9 21 | 5 4 | 24 36 | 2 17 | 22 7 | 1 41 | 25 41 | 3 20 | 0 39 | 1 19 | 6 50 | 1 45 | 23 13 | 0 5 | 11 51 | 1 39 | 20 3 | 9 53 | 20 46 | 20 33 | 9 51 | 5 57 | 5 53 |
| T 23 | 23 22 | 3 25 | 4 35 | 24 23 | 2 15 | 21 52 | 1 41 | 25 46 | 3 23 | 0 41 | 1 19 | 6 50 | 1 45 | 23 13 | 0 5 | 11 52 | 1 39 | 20 3 | 9 53 | 20 46 | 20 32 | 9 54 | 5 57 | 5 53 |
| F 24 | 23 21 | 2n46 | 3 51 | 24 9 | 2 14 | 21 37 | 1 42 | 25 51 | 3 25 | 0 43 | 1 19 | 6 50 | 1 45 | 23 13 | 0 5 | 11 52 | 1 40 | 20 4 | 9 53 | 20 46 | 20 31 | 9 57 | 5 56 | 5 52 |
| S 25 | 23 20 | 8 55 | 2 51 | 23 54 | 2 11 | 21 21 | 1 43 | 25 56 | 3 27 | 0 46 | 1 19 | 6 51 | 1 46 | 23 13 | 0 5 | 11 53 | 1 40 | 20 4 | 9 54 | 20 46 | 20 31 | 10 0 | 5 55 | 5 52 |
| S 26 | 23 18 | 14 39 | 1 40 | 23 37 | 2 8 | 21 5 | 1 44 | 26 1 | 3 29 | 0 48 | 1 18 | 6 51 | 1 46 | 23 13 | 0 5 | 11 53 | 1 40 | 20 5 | 9 54 | 20 46 | 20 30 | 10 3 | 5 55 | 5 52 |
| M27 | 23 16 | 19 36 | 0 22 | 23 19 | 2 5 | 20 48 | 1 45 | 26 5 | 3 31 | 0 50 | 1 18 | 6 51 | 1 46 | 23 13 | 0 5 | 11 53 | 1 40 | 20 6 | 9 54 | 20 47 | 20 29 | 10 6 | 5 54 | 5 51 |
| T 28 | 23 13 | 23 21 | 0n57 | 23 0 | 2 0 | 20 31 | 1 45 | 26 10 | 3 33 | 0 53 | 1 18 | 6 51 | 1 46 | 23 12 | 0 5 | 11 54 | 1 40 | 20 6 | 9 55 | 20 46 | 20 29 | 10 9 | 5 53 | 5 51 |
| W29 | 23 10 | 25 34 | 2 12 | 22 40 | 1 55 | 20 13 | 1 46 | 26 14 | 3 35 | 0 55 | 1 18 | 6 52 | 1 47 | 23 12 | 0 5 | 11 54 | 1 40 | 20 7 | 9 55 | 20 46 | 20 28 | 10 12 | 5 53 | 5 51 |
| T 30 | 23 6 | 26 4 | 3 17 | 22 19 | 1 49 | 19 54 | 1 46 | 26 18 | 3 37 | 0 58 | 1 17 | 6 52 | 1 47 | 23 12 | 0 5 | 11 55 | 1 40 | 20 7 | 9 55 | 20 45 | 20 28 | 10 15 | 5 52 | 5 50 |
| F 31 | 23 s 2 | 24n53 | 4n10 | 21 s57 | 1 s42 | 19 s35 | 1 s46 | 26n22 | 3n38 | 1n 1 | 1 s17 | 6n52 | 1n47 | 23n12 | 0n 5 | 11 s55 | 1n40 | 20n 8 | 9n56 | 20n44 | 20n27 | 10 s18 | 5 s51 | 5n50 |

Julian Day Number = 2615873.5, Delta T = 11m11s
Ecliptic obliquity = 23°22'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 31°01'51, Lahiri = 30°08'52


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